

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112421\
 Data File : VN069633.D
 Acq On : 24 Nov 2021 10:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/26/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Quant Time: Nov 26 06:54:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.083	168	1148056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1855113	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1776277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	769833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	796561	47.852	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.700%		
35) Dibromofluoromethane	8.021	113	556292	49.998	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.000%		
50) Toluene-d8	10.440	98	2134475	48.778	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.560%		
62) 4-Bromofluorobenzene	12.731	95	818268	50.902	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	542488	44.230	ug/l	98
3) Chloromethane	2.303	50	604527	42.500	ug/l	98
4) Vinyl Chloride	2.451	62	619313	43.483	ug/l	99
5) Bromomethane	2.848	94	344263	37.218	ug/l	97
6) Chloroethane	3.019	64	394556	41.042	ug/l	97
7) Trichlorofluoromethane	3.376	101	921598	41.868	ug/l	99
8) Diethyl Ether	3.824	74	353959	49.701	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.210	101	533820	51.483	ug/l	96
10) Methyl Iodide	4.419	142	658485	51.777	ug/l	97
11) Tert butyl alcohol	5.371	59	566248	188.776	ug/l	99
12) 1,1-Dichloroethene	4.181	96	462443	49.698	ug/l	91
13) Acrolein	4.039	56	85782	200.646	ug/l	99
14) Allyl chloride	4.840	41	1023775	49.764	ug/l	96
15) Acrylonitrile	5.554	53	1839293	239.447	ug/l	98
16) Acetone	4.283	43	2307417	256.912	ug/l	97
17) Carbon Disulfide	4.529	76	903480	41.076	ug/l	99
18) Methyl Acetate	4.854	43	1343160	46.006	ug/l	92
19) Methyl tert-butyl Ether	5.615	73	2036706	51.720	ug/l	97
20) Methylene Chloride	5.093	84	607567	47.706	ug/l #	82
21) trans-1,2-Dichloroethene	5.599	96	501829	48.285	ug/l	89
22) Diisopropyl ether	6.495	45	2351579	53.065	ug/l	96
23) Vinyl Acetate	6.431	43	8899551	259.651	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1165348	51.629	ug/l	99
25) 2-Butanone	7.332	43	2943268	242.016	ug/l	92
26) 2,2-Dichloropropane	7.327	77	937496	53.085	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	660488	51.266	ug/l	86
28) Bromochloromethane	7.656	49	632422	54.712	ug/l #	80
29) Tetrahydrofuran	7.683	42	1723995	231.000	ug/l	89
30) Chloroform	7.817	83	1219718	52.710	ug/l	100
31) Cyclohexane	8.094	56	1010816	44.447	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	1005355	52.050	ug/l	96
36) 1,1-Dichloropropene	8.220	75	826068	52.921	ug/l	96
37) Ethyl Acetate	7.410	43	1044009	49.477	ug/l	96
38) Carbon Tetrachloride	8.204	117	818144	54.289	ug/l	99
39) Methylcyclohexane	9.459	83	969662	49.936	ug/l	90
40) Benzene	8.458	78	2523807	52.381	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	549672	50.415	ug/l	90
42) 1,2-Dichloroethane	8.528	62	1043516	55.312	ug/l	97
43) Isopropyl Acetate	8.558	43	1781708	52.569	ug/l #	94
44) Trichloroethene	9.215	130	625443	54.239	ug/l	92
45) 1,2-Dichloropropane	9.488	63	720947	56.006	ug/l	99
46) Dibromomethane	9.574	93	464632	53.888	ug/l	93
47) Bromodichloromethane	9.759	83	946941	58.854	ug/l	100
48) Methyl methacrylate	9.558	41	805233	50.498	ug/l	92
49) 1,4-Dioxane	9.566	88	248958	796.112	ug/l #	88
51) 4-Methyl-2-Pentanone	10.328	43	5752599	262.956	ug/l	95
52) Toluene	10.505	92	1608477	53.587	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	998413	50.445	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	1072558	51.400	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	679995	56.199	ug/l	99
56) Ethyl methacrylate	10.760	69	1110408	48.750	ug/l	87
57) 1,3-Dichloropropane	11.044	76	1182928	55.636	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	1023765	181.477	ug/l	92
59) 2-Hexanone	11.084	43	4126393	224.239	ug/l	93
60) Dibromochloromethane	11.237	129	691564	51.974	ug/l	100
61) 1,2-Dibromoethane	11.344	107	672414	49.793	ug/l	98
64) Tetrachloroethene	10.977	164	567137	52.878	ug/l	96
65) Chlorobenzene	11.768	112	1779660	53.827	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	665414	58.024	ug/l	99
67) Ethyl Benzene	11.843	91	3268502	53.601	ug/l	96
68) m/p-Xylenes	11.953	106	2414708	107.670	ug/l	94
69) o-Xylene	12.280	106	1200069	53.675	ug/l	91
70) Styrene	12.294	104	2000249	49.833	ug/l	96
71) Bromoform	12.457	173	484949	48.790	ug/l #	100
73) Isopropylbenzene	12.578	105	3242938	52.907	ug/l	99
74) N-amyl acetate	12.387	43	1252975	48.235	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.825	83	1045517	50.574	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	912625m	51.369	ug/l	
77) Bromobenzene	12.860	156	743455	53.035	ug/l	81
78) n-propylbenzene	12.919	91	3751467	54.392	ug/l	96
79) 2-Chlorotoluene	13.007	91	2276404	53.306	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	2691349	54.314	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	267759	45.457	ug/l	94
82) 4-Chlorotoluene	13.104	91	2187726	53.741	ug/l	93
83) tert-Butylbenzene	13.321	119	2366653	54.502	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	2609665	54.553	ug/l	98
85) sec-Butylbenzene	13.501	105	3339135	55.048	ug/l	98
86) p-Isopropyltoluene	13.613	119	2670863	55.466	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	1306923	53.774	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1270754	53.297	ug/l	97
89) n-Butylbenzene	13.940	91	2219500	55.272	ug/l	98
90) Hexachloroethane	14.209	117	457879	51.657	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1253514	54.202	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	173620	45.346	ug/l	80
93) 1,2,4-Trichlorobenzene	15.263	180	563502	46.721	ug/l	98
94) Hexachlorobutadiene	15.367	225	369870	61.552	ug/l	98
95) Naphthalene	15.507	128	1255776	37.926	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	519330	45.147	ug/l	98

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ClientSampleId :
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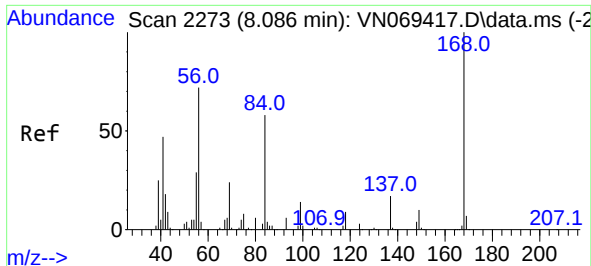
Manual Integrations
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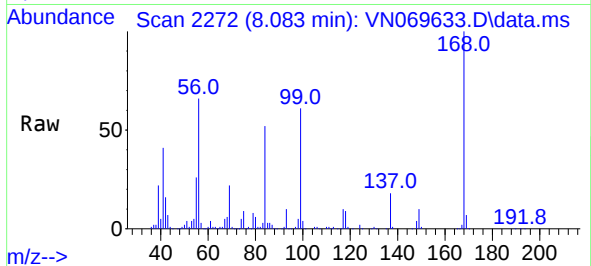
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
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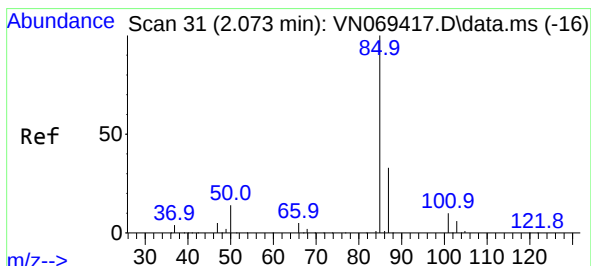
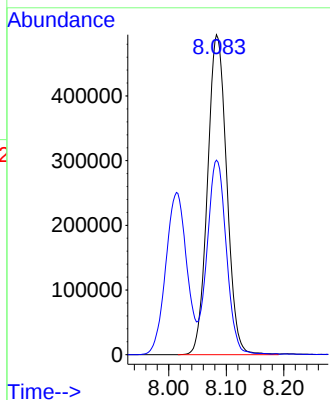
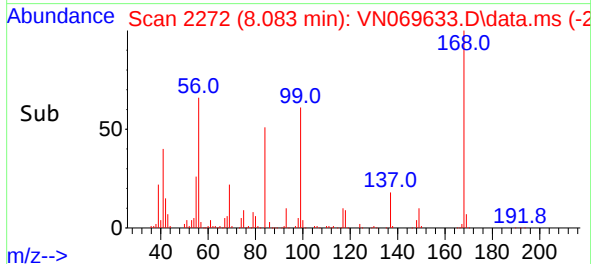
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 114805
Ion Ratio Lower Upper
168 100
99 60.6 41.3 61.9

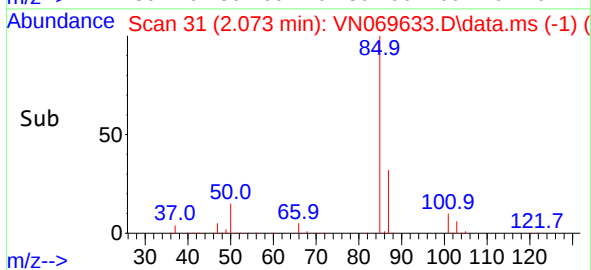
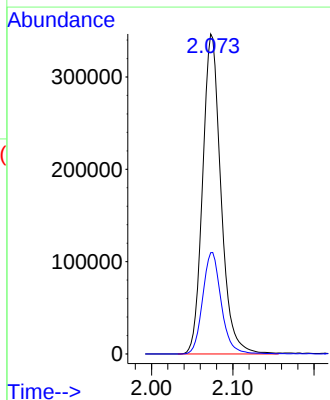
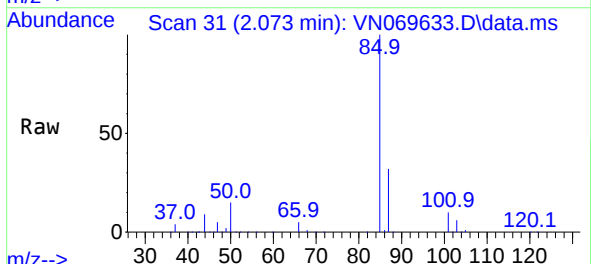
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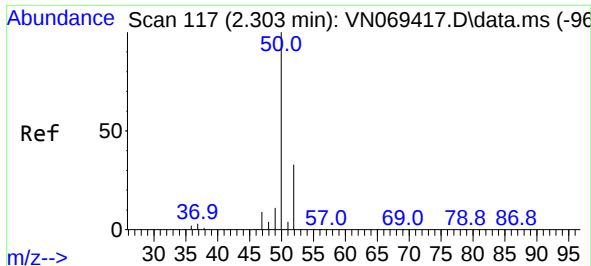
Reviewed By :John Carlone 11/26/2021
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#2
Dichlorodifluoromethane
Concen: 44.230 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

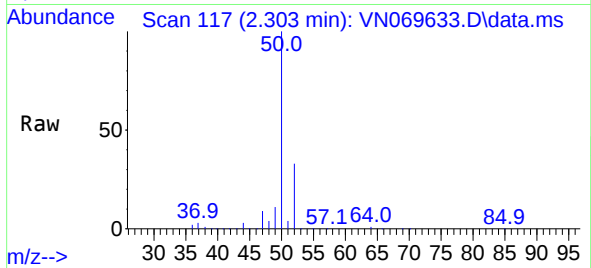
Tgt Ion: 85 Resp: 542488
Ion Ratio Lower Upper
85 100
87 31.7 16.3 48.9





#3
Chloromethane
Concen: 42.500 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

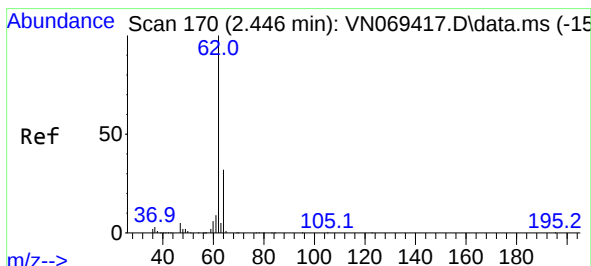
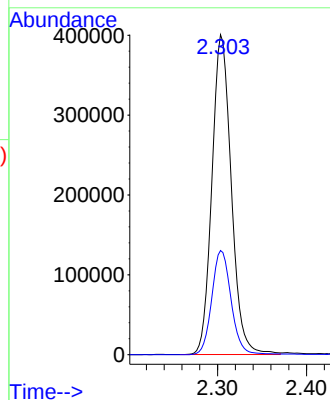
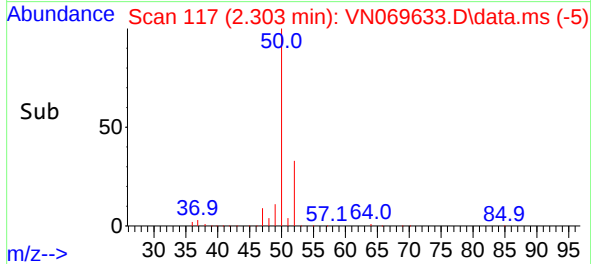
Instrument :
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ClientSampleId :
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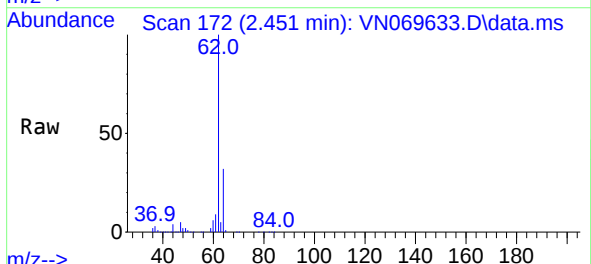
Tgt Ion: 50 Resp: 60452
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.0

Manual Integrations
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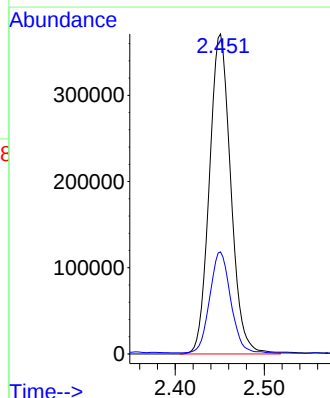
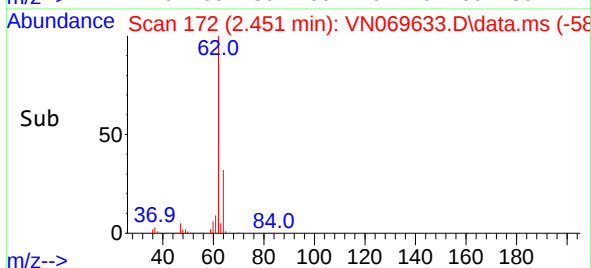
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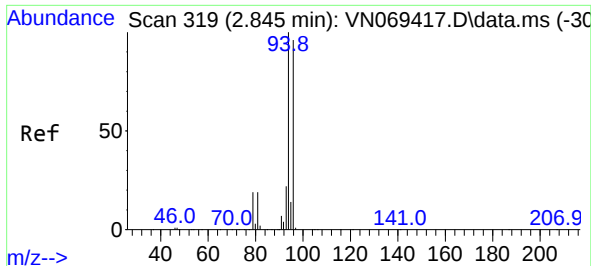


#4
Vinyl Chloride
Concen: 43.483 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.005 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22



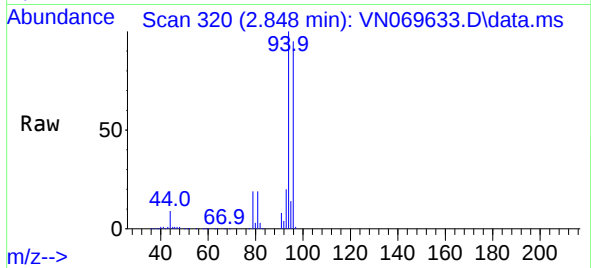
Tgt Ion: 62 Resp: 619313
Ion Ratio Lower Upper
62 100
64 31.6 25.8 38.6





#5
Bromomethane
Concen: 37.218 ug/l
RT: 2.848 min Scan# 319
Delta R.T. 0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

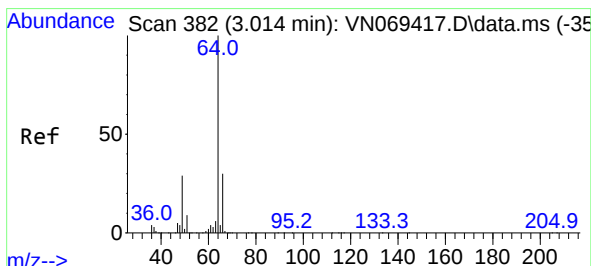
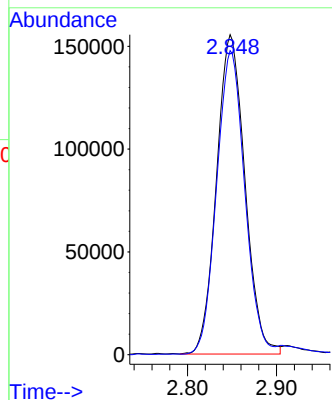
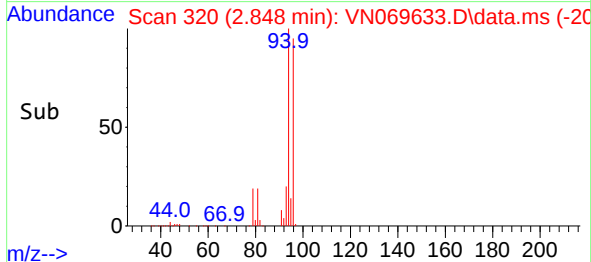
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Tgt Ion: 94 Resp: 34426
Ion Ratio Lower Upper
94 100
96 95.0 73.8 110.8

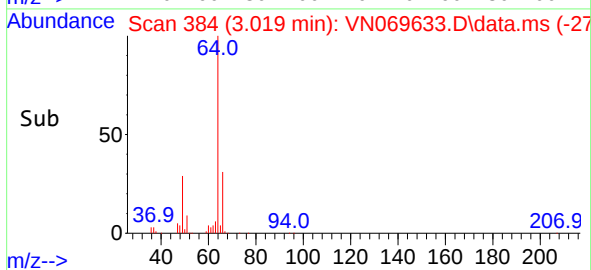
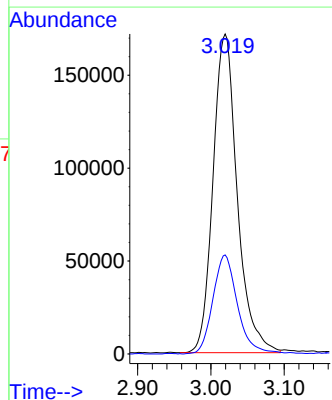
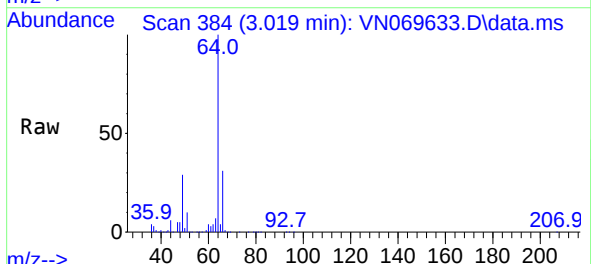
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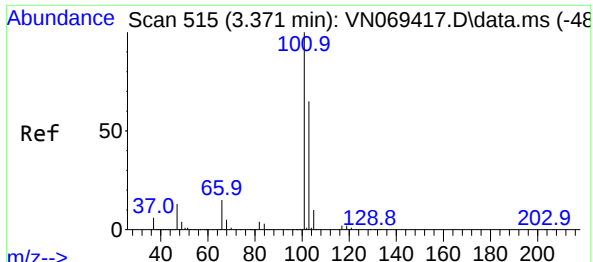
Reviewed By :John Carlone 11/26/2021
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#6
Chloroethane
Concen: 41.042 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.005 min
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Tgt Ion: 64 Resp: 394556
Ion Ratio Lower Upper
64 100
66 31.0 26.3 39.5





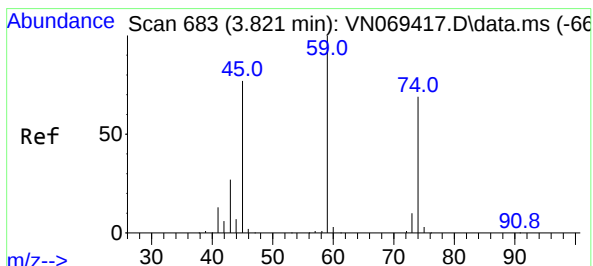
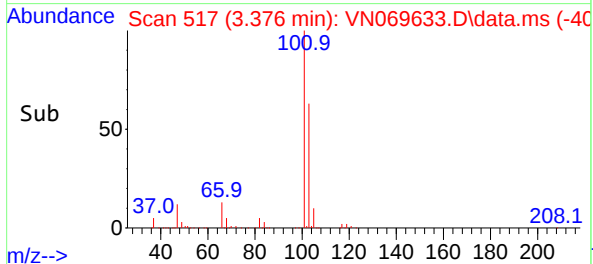
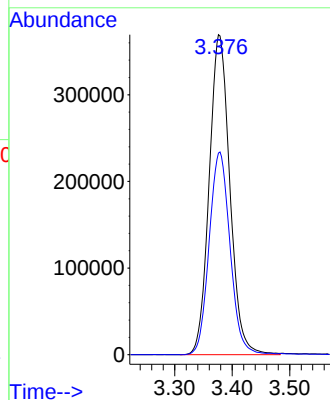
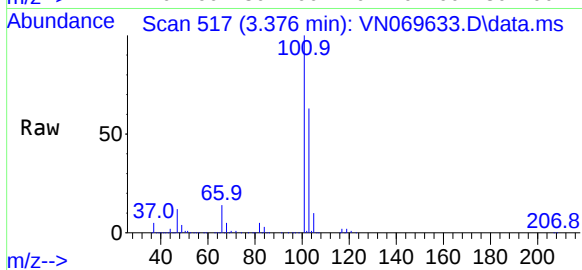
#7
Trichlorofluoromethane
Concen: 41.868 ug/l
RT: 3.376 min Scan# 515
Delta R.T. 0.005 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 921598
Ion Ratio Lower Upper
101 100
103 63.0 50.1 75.1

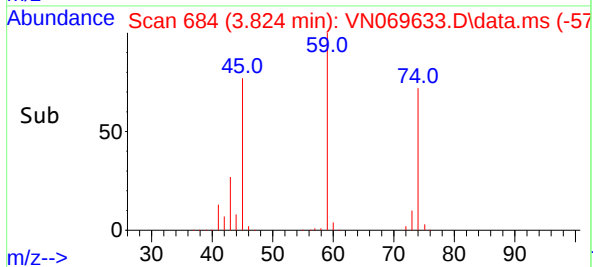
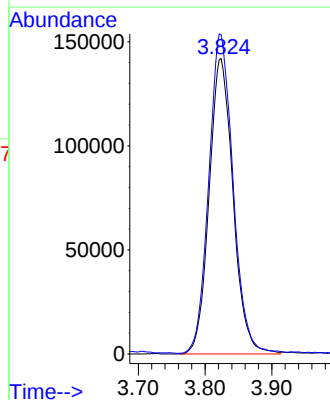
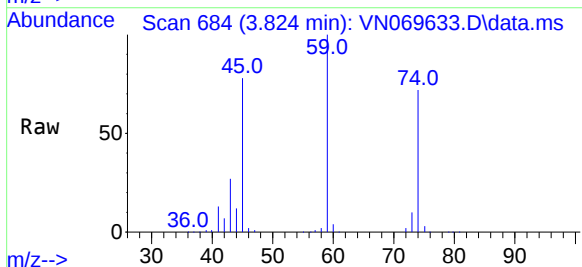
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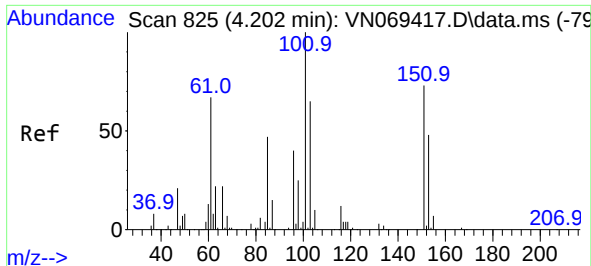
Reviewed By :John Carlone 11/26/2021
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#8
Diethyl Ether
Concen: 49.701 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

Tgt Ion: 74 Resp: 353959
Ion Ratio Lower Upper
74 100
45 108.9 47.0 141.2





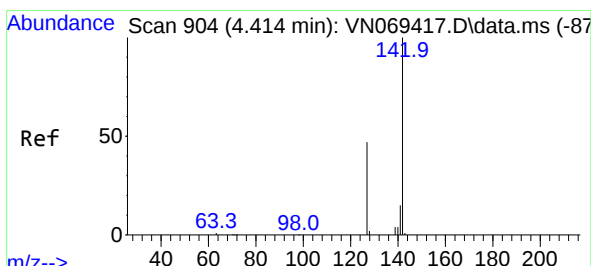
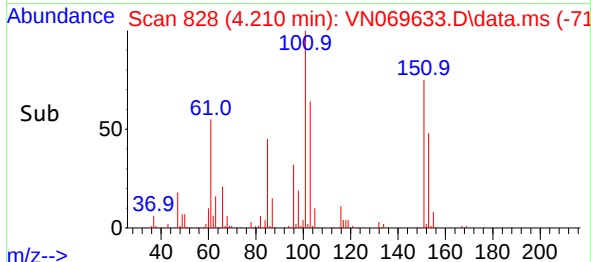
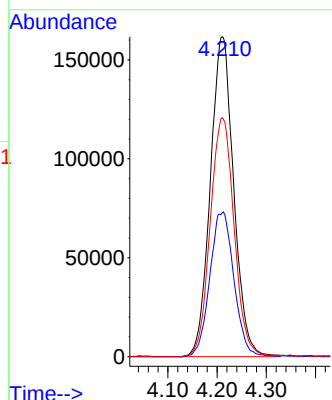
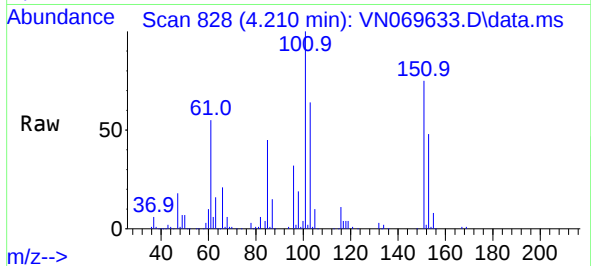
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.483 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.008 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 533820
Ion Ratio Lower Upper
101 100
85 46.6 37.2 55.8
151 76.3 65.9 98.9

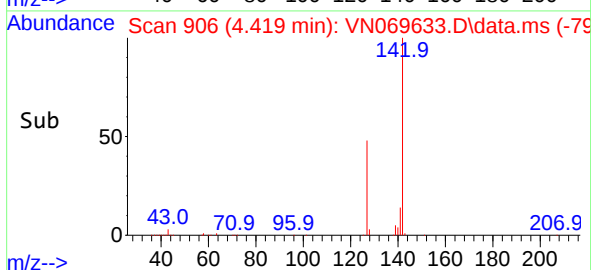
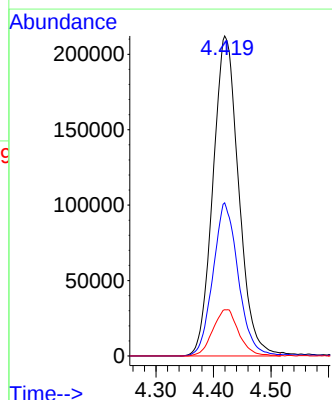
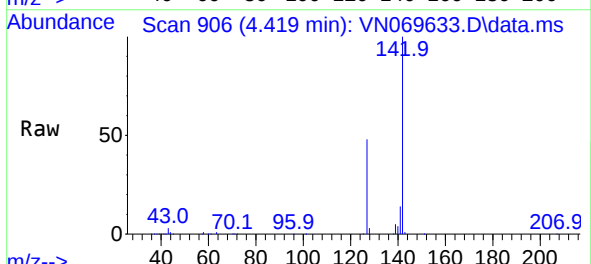
Manual Integrations
APPROVED

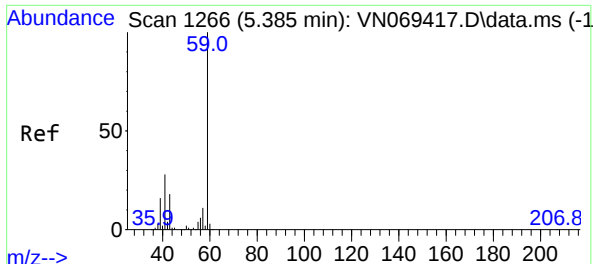
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#10
Methyl Iodide
Concen: 51.777 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

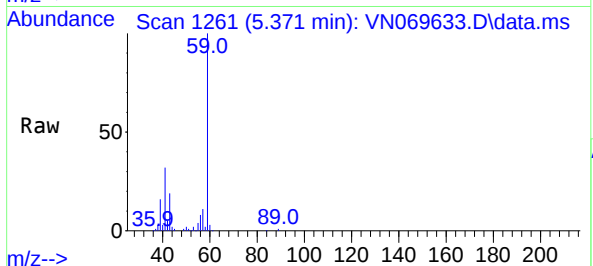
Tgt Ion:142 Resp: 658485
Ion Ratio Lower Upper
142 100
127 46.9 35.4 53.0
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 188.776 ug/l
RT: 5.371 min Scan# 11
Delta R.T. -0.014 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

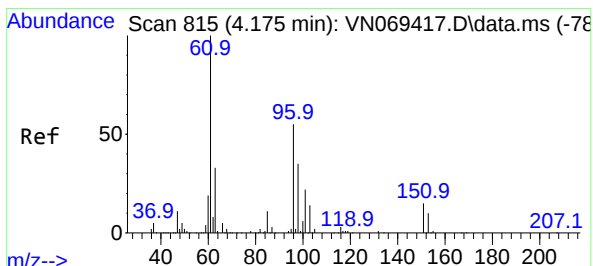
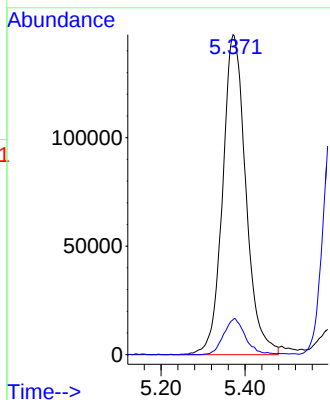
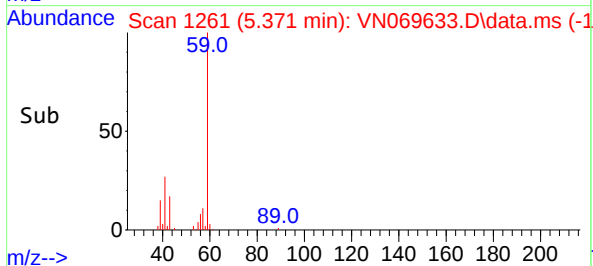
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



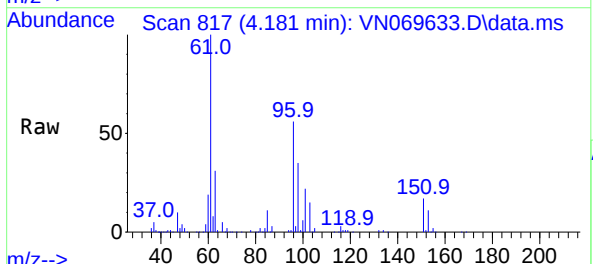
Tgt Ion: 59 Resp: 566248
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

Manual Integrations
APPROVED

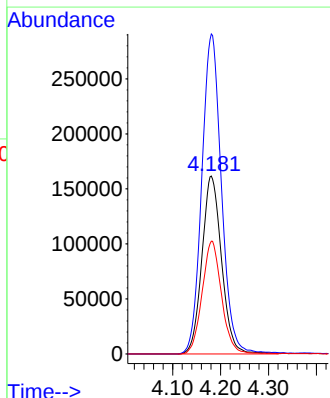
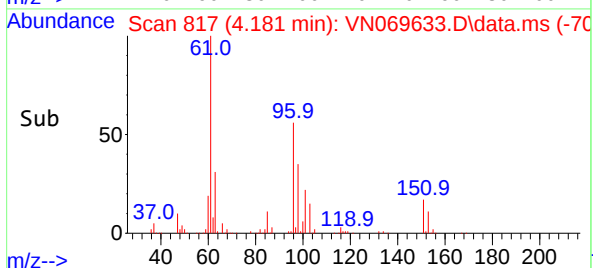
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

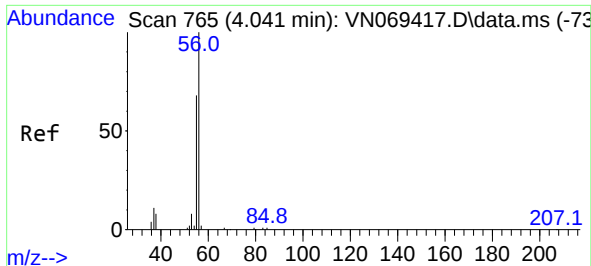


#12
1,1-Dichloroethene
Concen: 49.698 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.006 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22



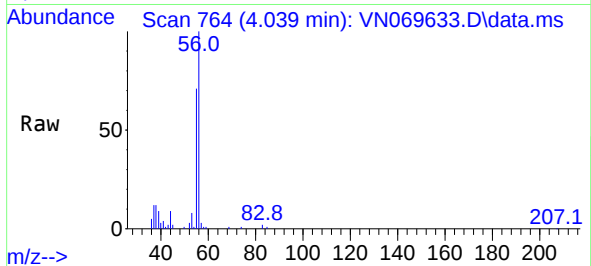
Tgt Ion: 96 Resp: 462443
Ion Ratio Lower Upper
96 100
61 179.8 131.0 196.6
98 63.4 52.4 78.6





#13
Acrolein
Concen: 200.646 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

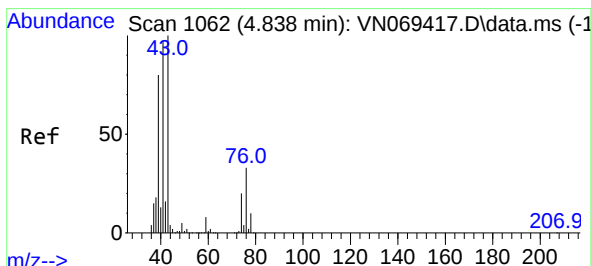
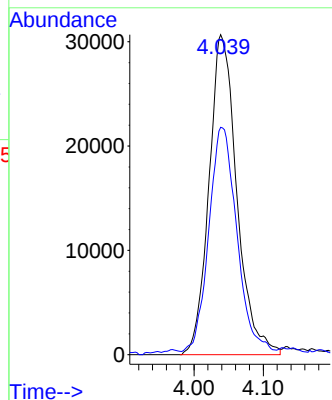
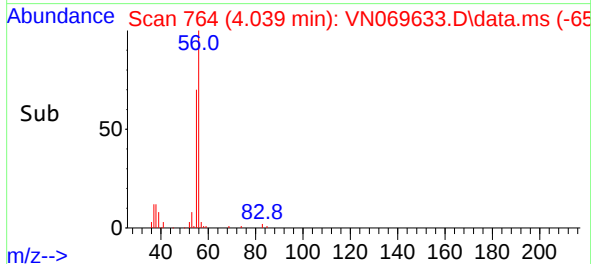
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 8578
Ion Ratio Lower Upper
56 100
55 69.8 56.6 85.0

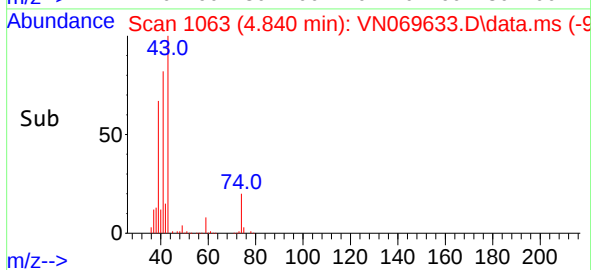
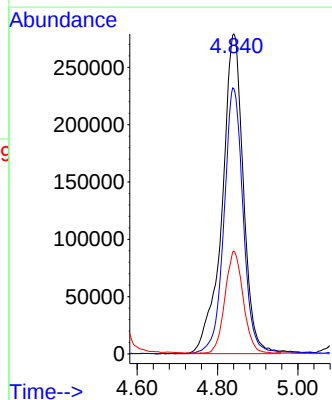
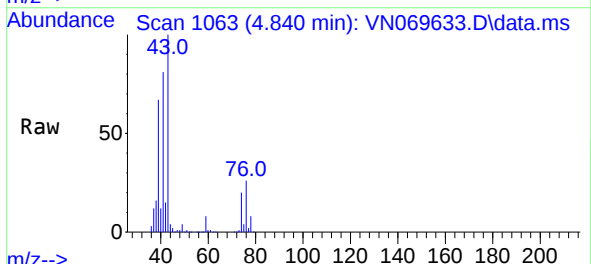
Manual Integrations
APPROVED

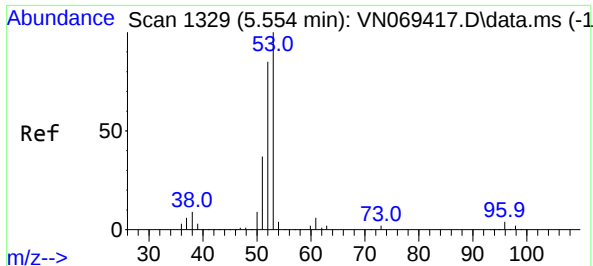
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#14
Allyl chloride
Concen: 49.764 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.002 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

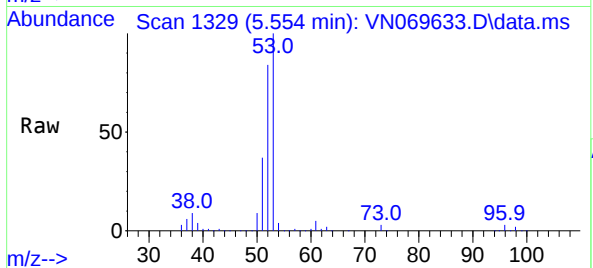
Tgt Ion: 41 Resp: 1023775
Ion Ratio Lower Upper
41 100
39 74.6 61.2 91.8
76 27.1 26.0 39.0





#15
Acrylonitrile
Concen: 239.447 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

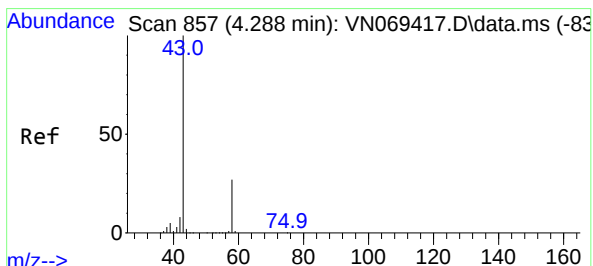
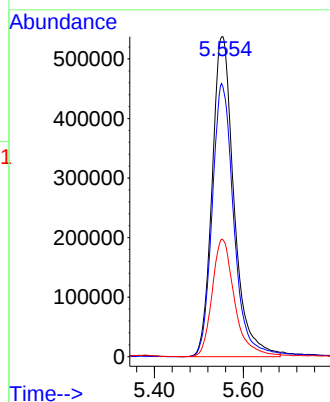
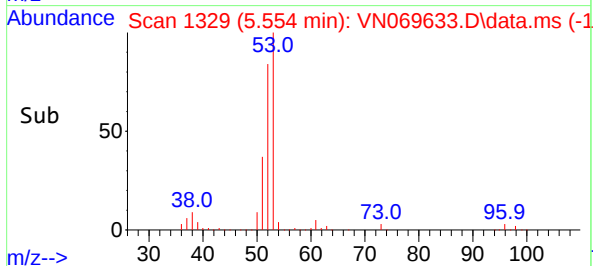
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



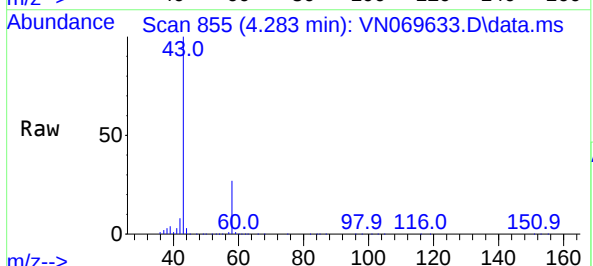
Tgt Ion: 53 Resp: 183929
Ion Ratio Lower Upper
53 100
52 84.9 66.2 99.2
51 37.8 29.6 44.4

Manual Integrations
APPROVED

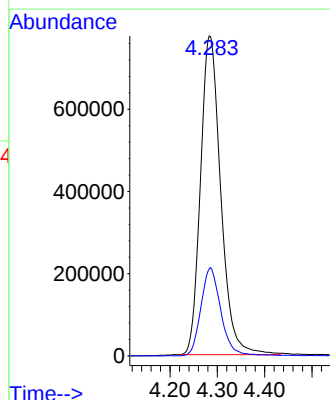
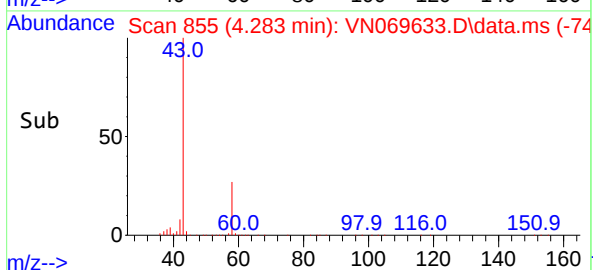
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

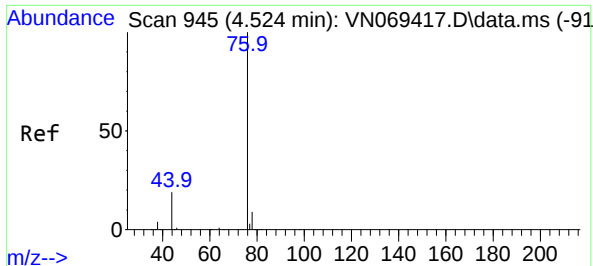


#16
Acetone
Concen: 256.912 ug/l
RT: 4.283 min Scan# 855
Delta R.T. -0.005 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22



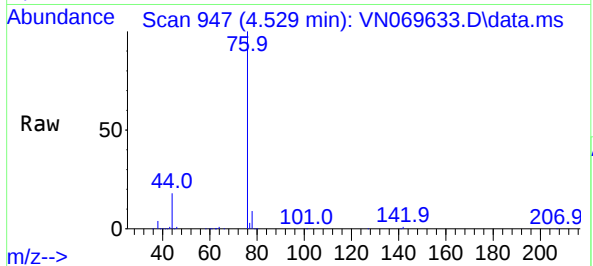
Tgt Ion: 43 Resp: 2307417
Ion Ratio Lower Upper
43 100
58 27.3 23.1 34.7





#17
Carbon Disulfide
Concen: 41.076 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

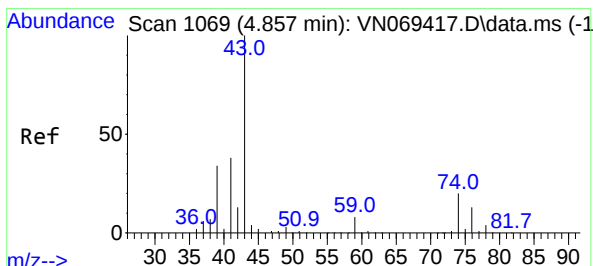
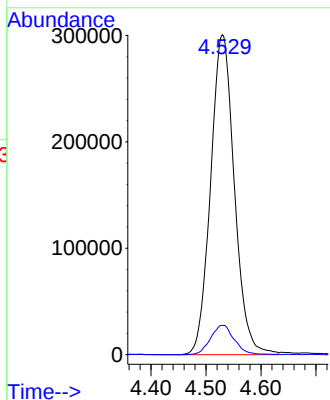
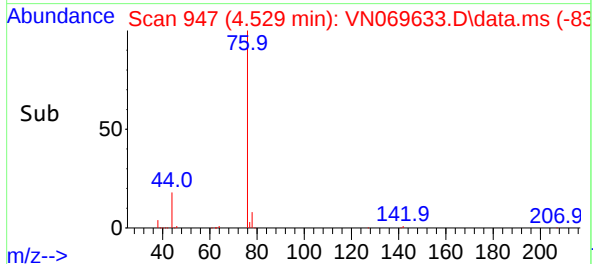
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



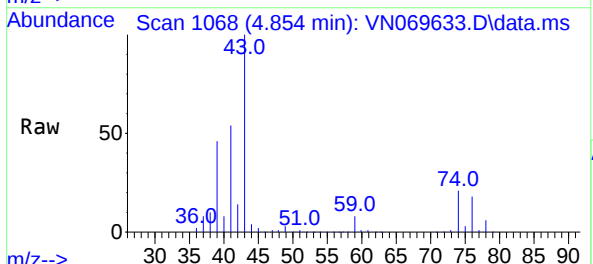
Tgt Ion: 76 Resp: 903480
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

Manual Integrations
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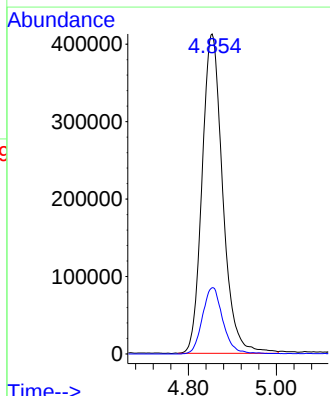
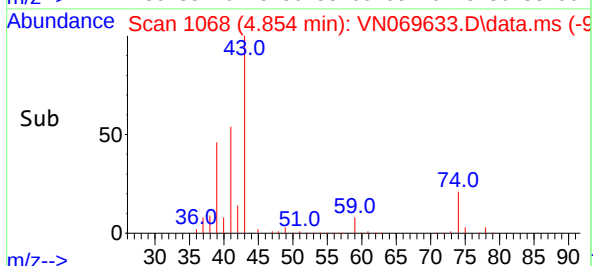
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

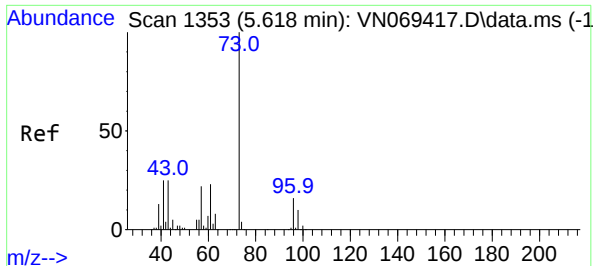


#18
Methyl Acetate
Concen: 46.006 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22



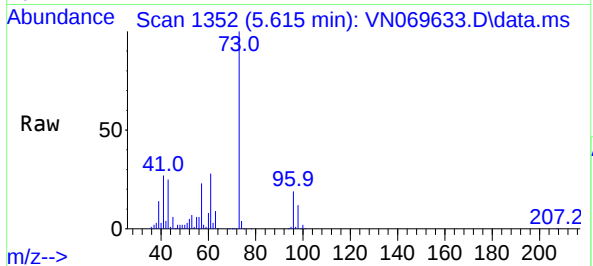
Tgt Ion: 43 Resp: 1343160
Ion Ratio Lower Upper
43 100
74 20.5 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 51.720 ug/l
RT: 5.615 min Scan# 11352
Delta R.T. -0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

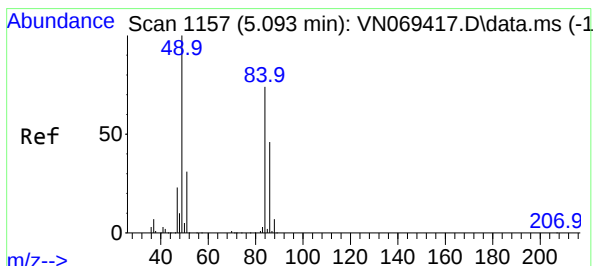
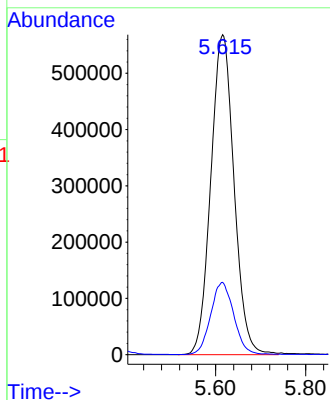
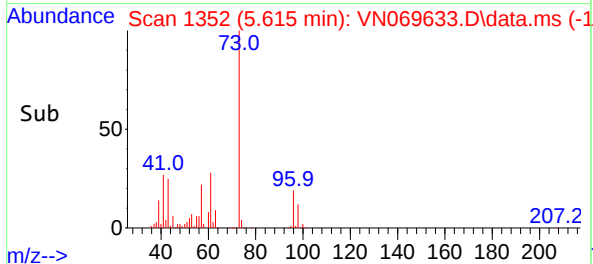
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 203670
Ion Ratio Lower Upper
73 100
57 22.5 16.8 25.2

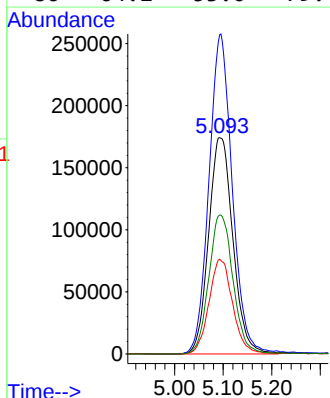
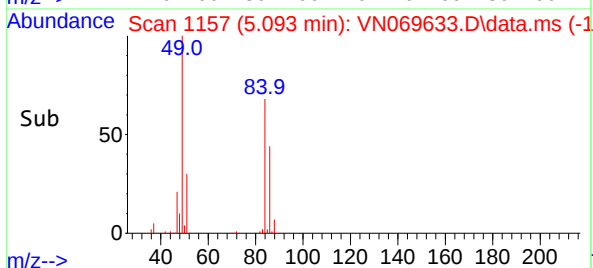
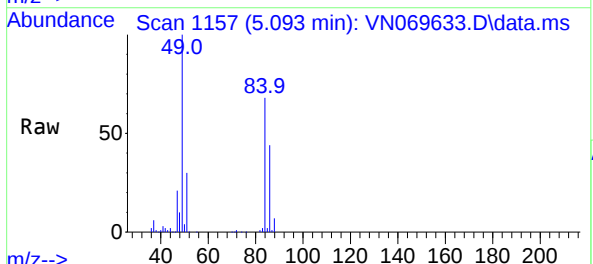
Manual Integrations
APPROVED

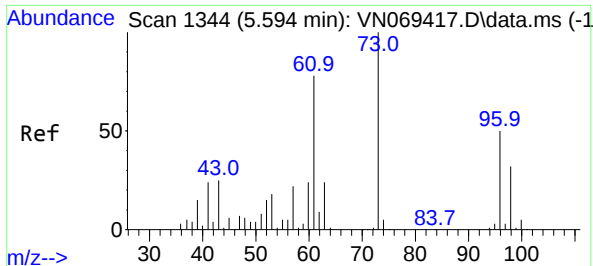
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#20
Methylene Chloride
Concen: 47.706 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.000 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

Tgt Ion: 84 Resp: 607567
Ion Ratio Lower Upper
84 100
49 147.4 93.5 140.3#
51 43.8 29.4 44.2
86 64.2 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 48.285 ug/l

RT: 5.599 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN069633.D

Acq: 24 Nov 2021 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 501829

Ion Ratio Lower Upper

96 100

61 149.5 105.8 158.6

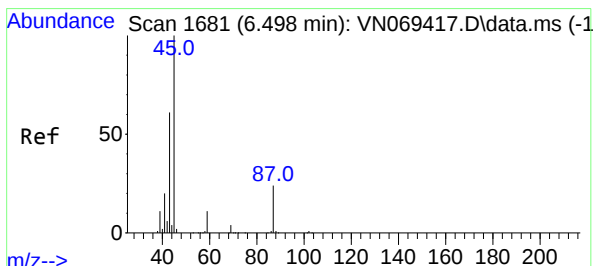
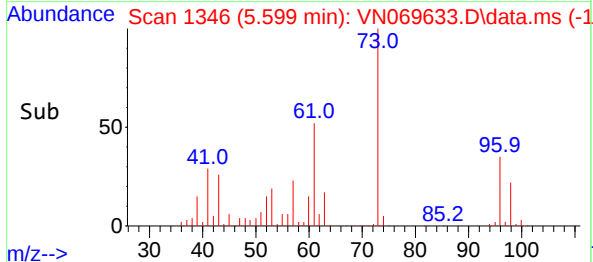
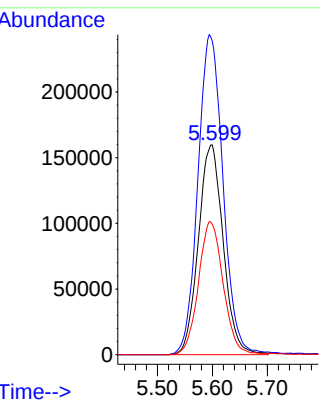
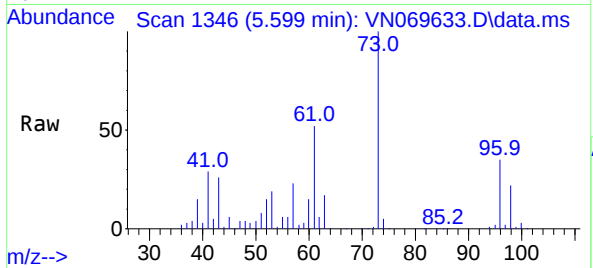
98 62.2 52.0 78.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/26/2021

Supervised By :Mahesh Dadoda 11/26/2021



#22

Diisopropyl ether

Concen: 53.065 ug/l

RT: 6.495 min Scan# 1680

Delta R.T. -0.003 min

Lab File: VN069633.D

Acq: 24 Nov 2021 10:22

Tgt Ion: 45 Resp: 2351579

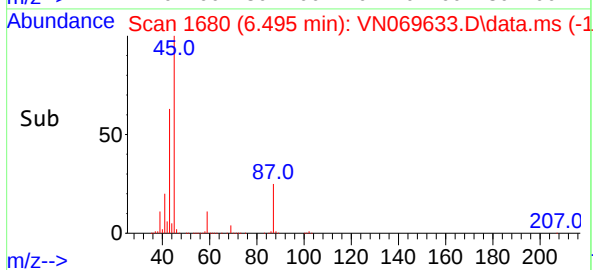
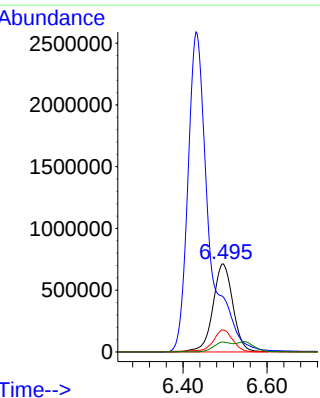
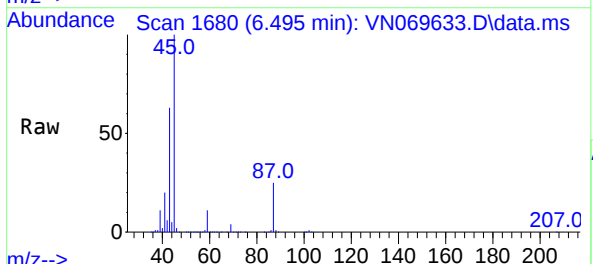
Ion Ratio Lower Upper

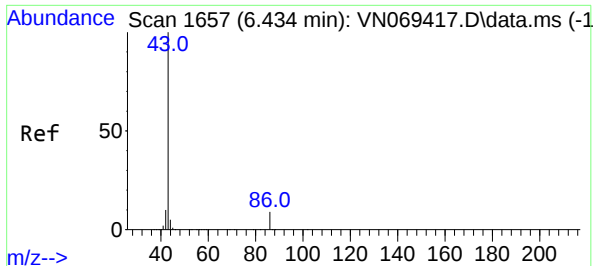
45 100

43 62.2 51.7 77.5

87 24.8 23.2 34.8

59 11.1 9.4 14.0





#23
 Vinyl Acetate
 Concen: 259.651 ug/l
 RT: 6.431 min Scan# 1656
 Delta R.T. -0.003 min
 Lab File: VN069633.D
 Acq: 24 Nov 2021 10:22

Instrument :

MSVOA_N

ClientSampleId :

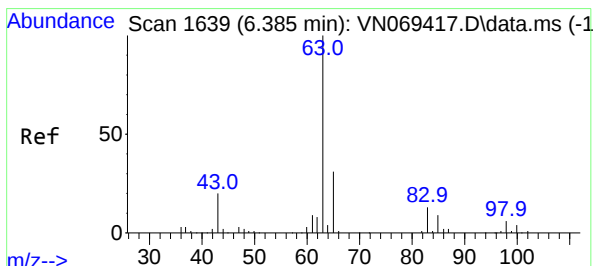
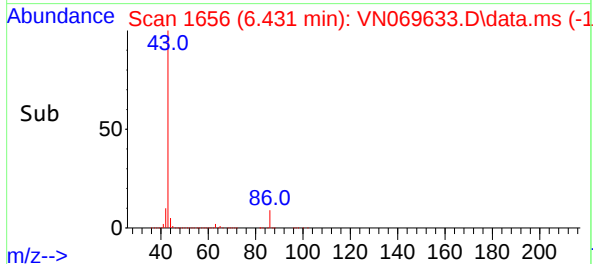
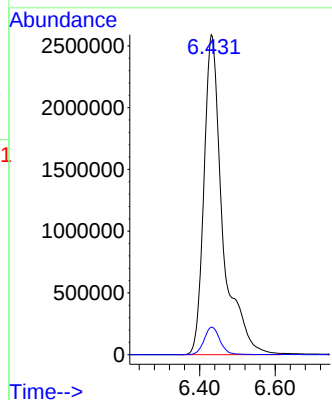
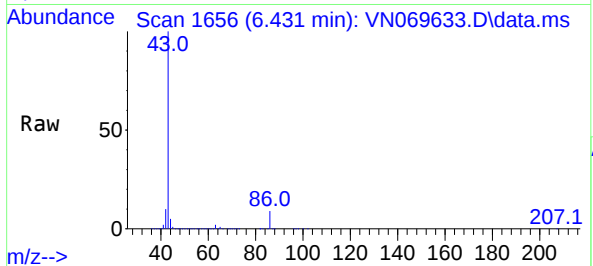
VSTDCCC050

Tgt Ion: 43 Resp: 889955
 Ion Ratio Lower Upper
 43 100
 86 8.6 8.5 12.7

Manual Integrations

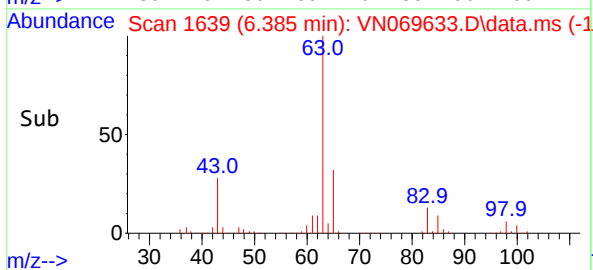
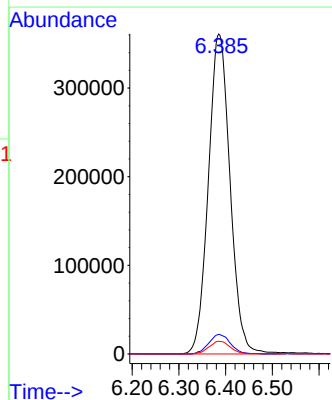
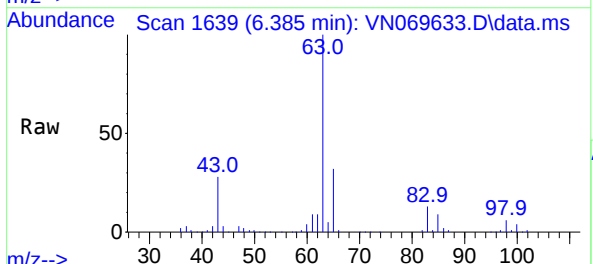
APPROVED

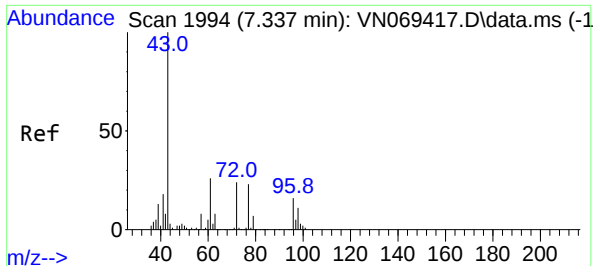
Reviewed By :John Carlone 11/26/2021
 Supervised By :Mahesh Dadoda 11/26/2021



#24
 1,1-Dichloroethane
 Concen: 51.629 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VN069633.D
 Acq: 24 Nov 2021 10:22

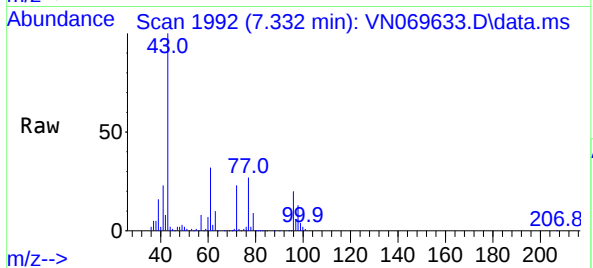
Tgt Ion: 63 Resp: 1165348
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.9
 100 3.9 2.1 6.5





#25
2-Butanone
Concen: 242.016 ug/l
RT: 7.332 min Scan# 1992
Delta R.T. -0.005 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

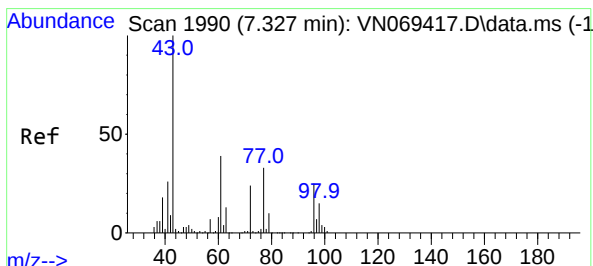
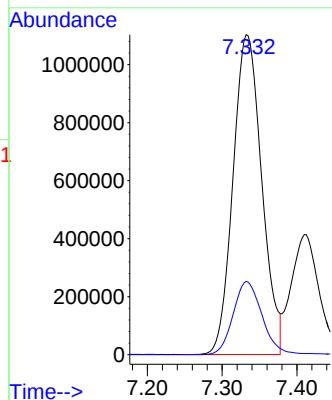
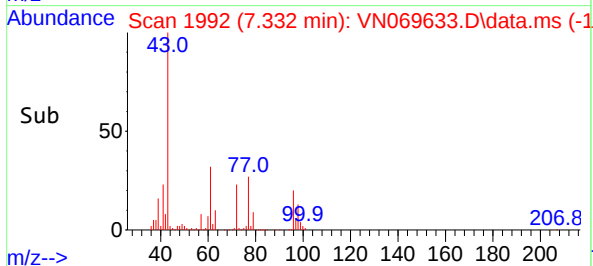
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



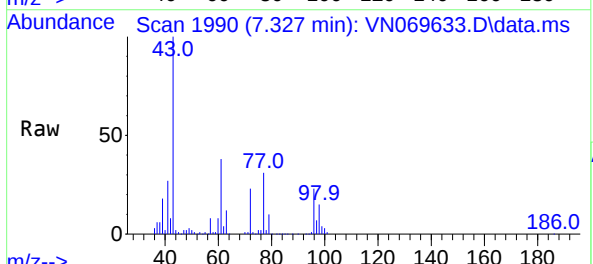
Tgt Ion: 43 Resp: 294326
Ion Ratio Lower Upper
43 100
72 22.9 21.7 32.5

Manual Integrations
APPROVED

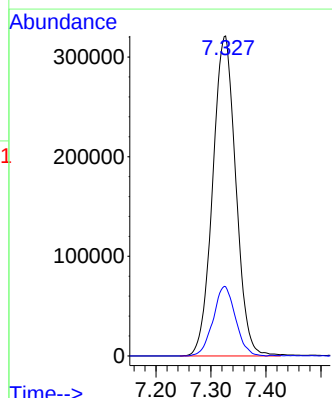
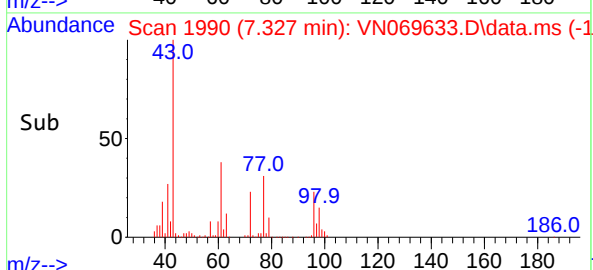
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

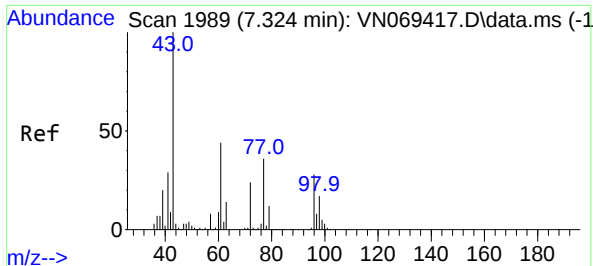


#26
2,2-Dichloropropane
Concen: 53.085 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22



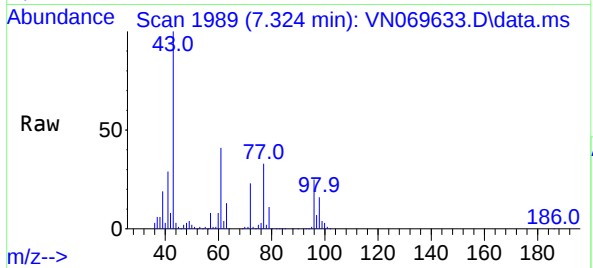
Tgt Ion: 77 Resp: 937496
Ion Ratio Lower Upper
77 100
97 21.1 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 51.266 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.000 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

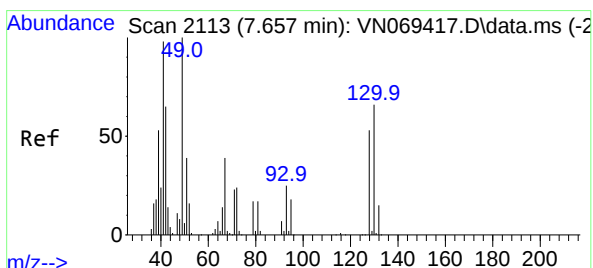
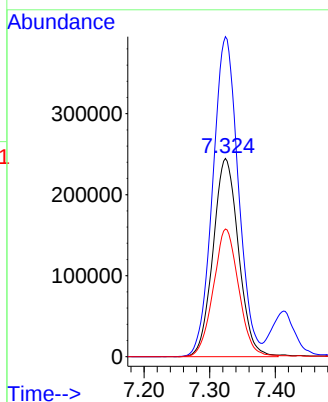
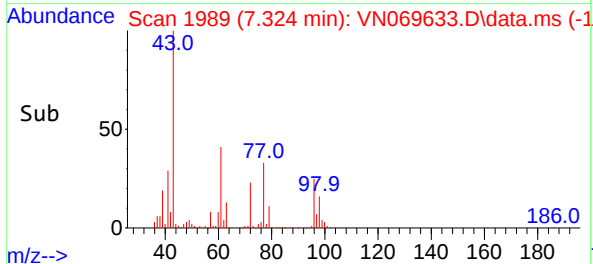
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 660488
Ion Ratio Lower Upper
96 100
61 162.2 0.0 275.0
98 64.3 0.0 129.6

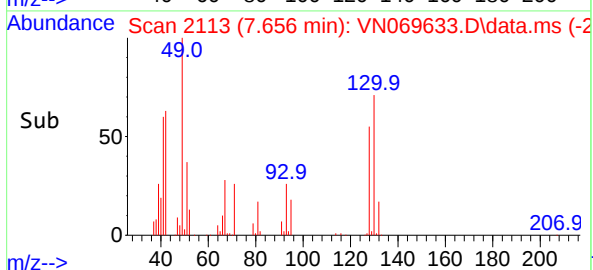
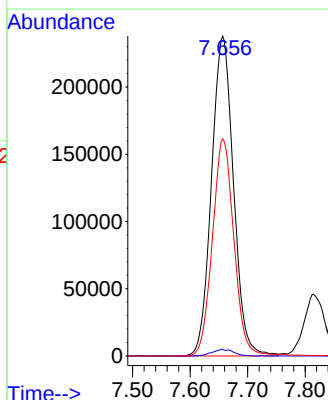
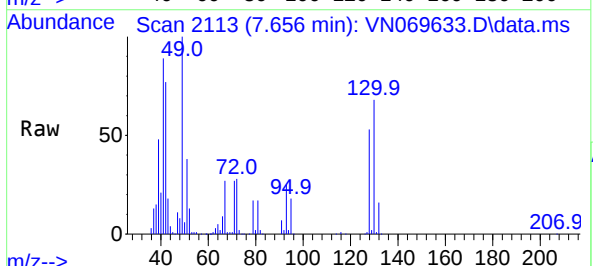
Manual Integrations
APPROVED

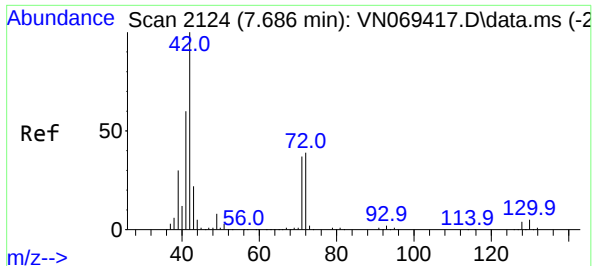
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#28
Bromochloromethane
Concen: 54.712 ug/l
RT: 7.656 min Scan# 2113
Delta R.T. -0.001 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

Tgt Ion: 49 Resp: 632422
Ion Ratio Lower Upper
49 100
129 1.3 0.0 4.0
130 66.0 67.8 101.8#





#29

Tetrahydrofuran

Concen: 231.000 ug/l

RT: 7.683 min Scan# 2124

Delta R.T. -0.003 min

Lab File: VN069633.D

Acq: 24 Nov 2021 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 172399

Ion Ratio Lower Upper

42 100

72 38.1 36.3 54.5

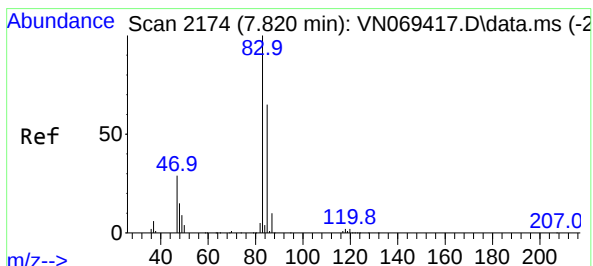
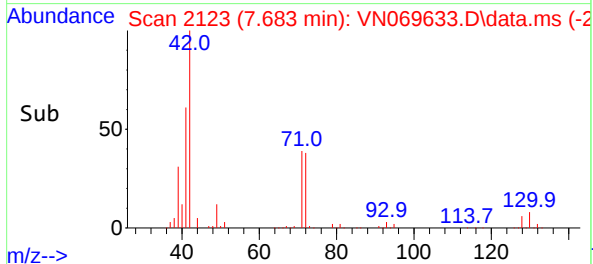
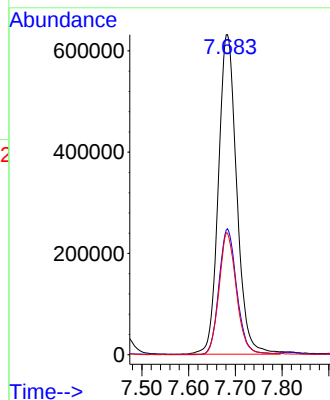
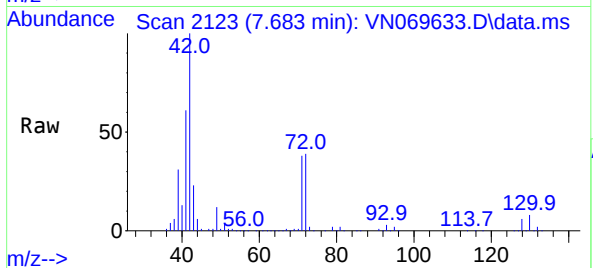
71 36.3 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/26/2021

Supervised By :Mahesh Dadoda 11/26/2021



#30

Chloroform

Concen: 52.710 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN069633.D

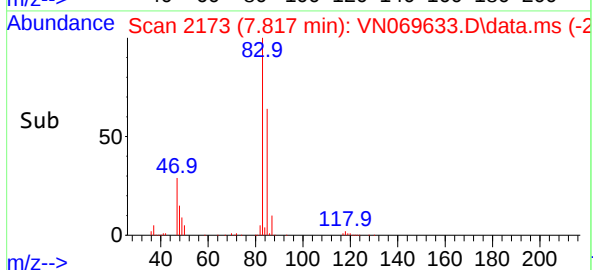
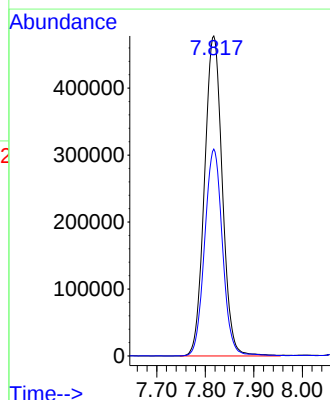
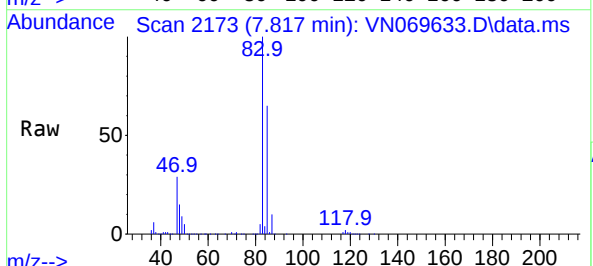
Acq: 24 Nov 2021 10:22

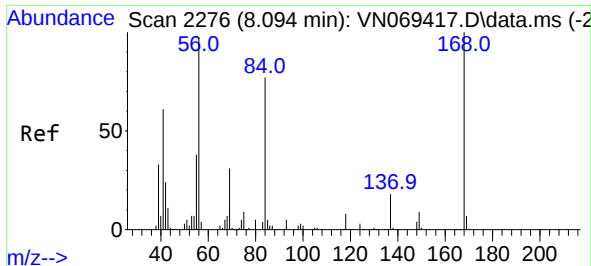
Tgt Ion: 83 Resp: 1219718

Ion Ratio Lower Upper

83 100

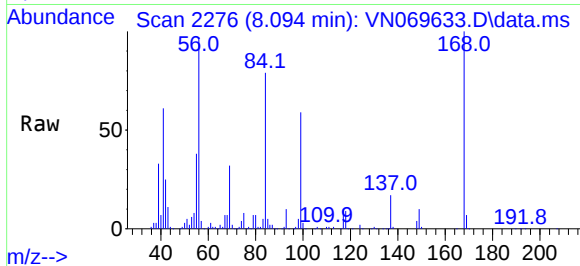
85 64.6 51.9 77.9





#31
Cyclohexane
Concen: 44.447 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

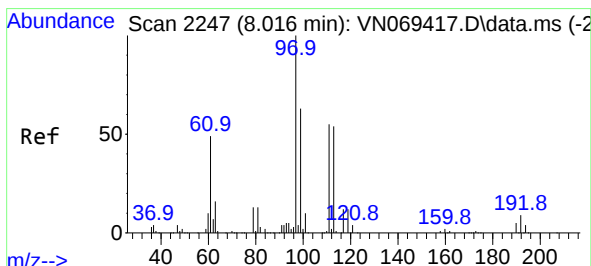
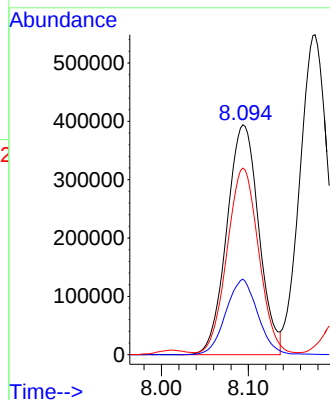
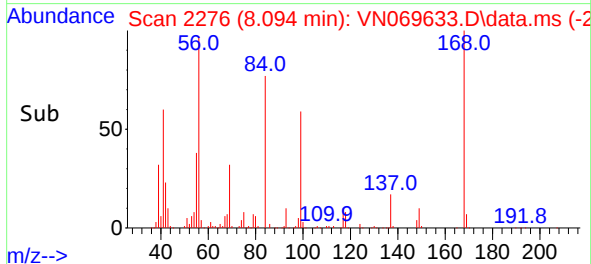
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



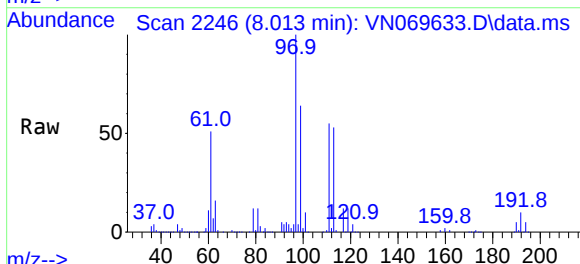
Tgt Ion: 56 Resp: 1010810
Ion Ratio Lower Upper
56 100
69 32.8 27.1 40.7
84 79.5 73.4 110.0

Manual Integrations
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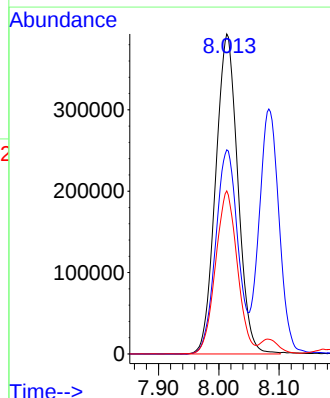
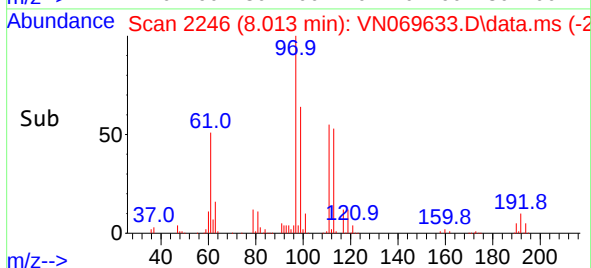
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

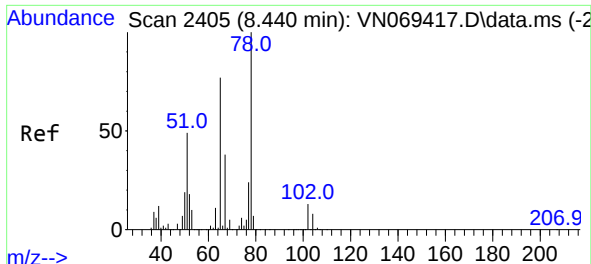


#32
1,1,1-Trichloroethane
Concen: 52.050 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22



Tgt Ion: 97 Resp: 1005355
Ion Ratio Lower Upper
97 100
99 63.3 50.1 75.1
61 50.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 47.852 ug/l

RT: 8.434 min Scan# 2405

Delta R.T. -0.006 min

Lab File: VN069633.D

Acq: 24 Nov 2021 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 79656

Ion Ratio Lower Upper

65 100

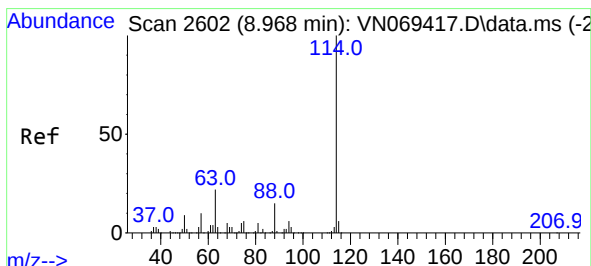
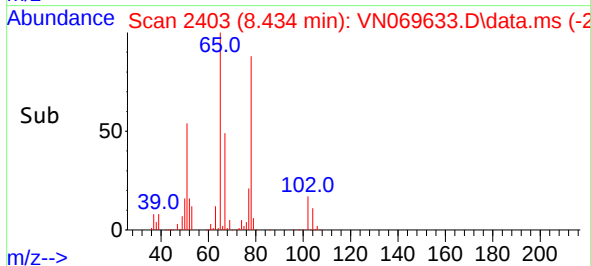
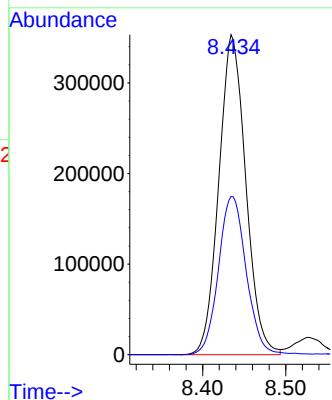
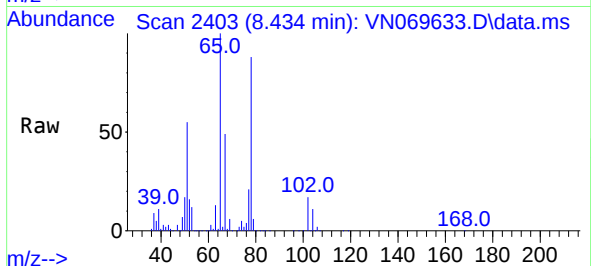
67 50.8 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/26/2021

Supervised By :Mahesh Dadoda 11/26/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN069633.D

Acq: 24 Nov 2021 10:22

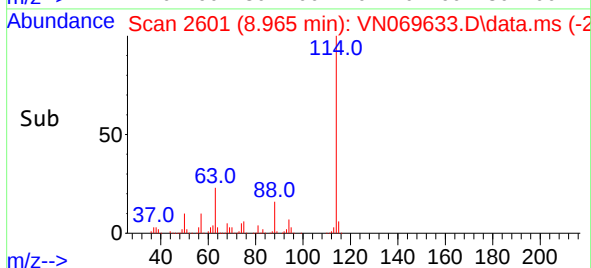
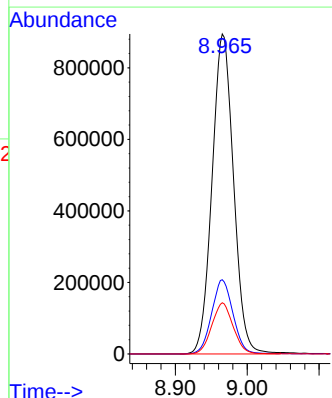
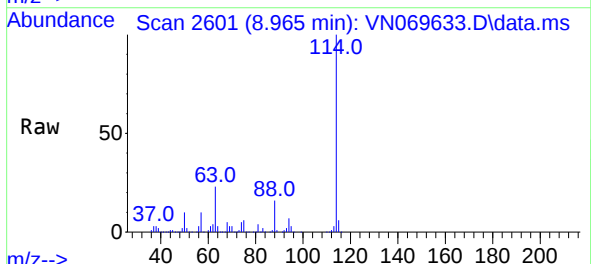
Tgt Ion:114 Resp: 1855113

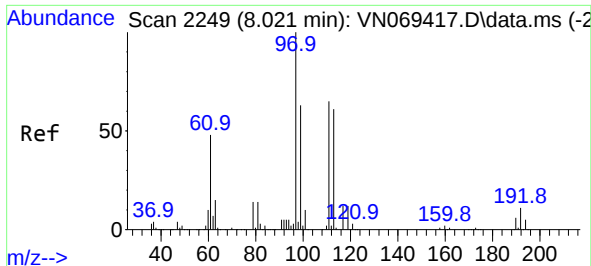
Ion Ratio Lower Upper

114 100

63 23.2 0.0 37.8

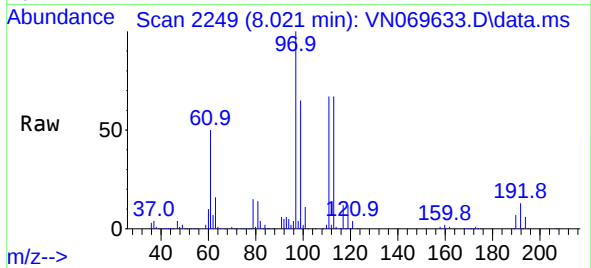
88 16.0 0.0 27.4





#35
Dibromofluoromethane
Concen: 49.998 ug/l
RT: 8.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

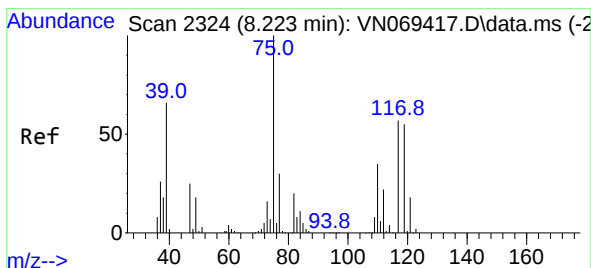
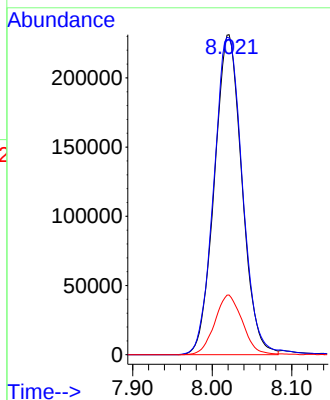
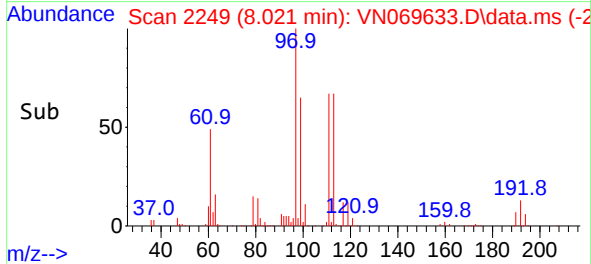
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



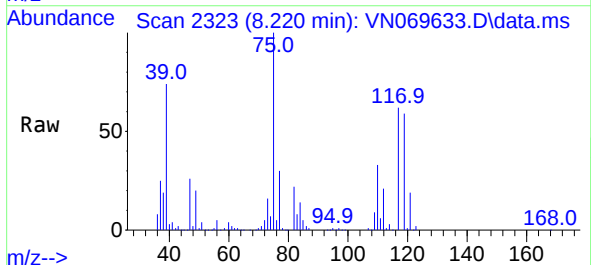
Tgt Ion:113 Resp: 55629
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 18.7 16.9 25.3

Manual Integrations
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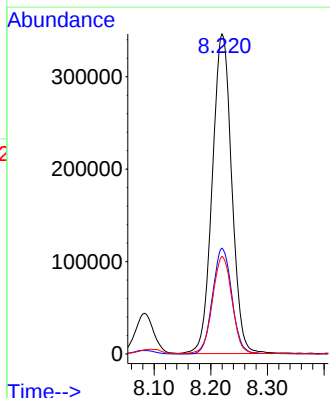
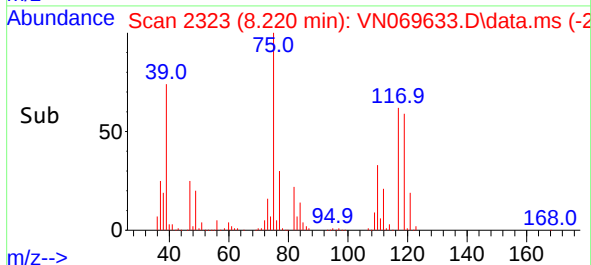
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

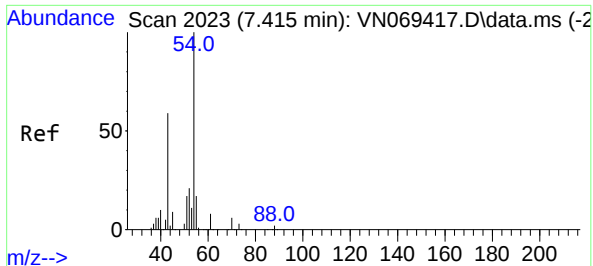


#36
1,1-Dichloropropene
Concen: 52.921 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22



Tgt Ion: 75 Resp: 826068
Ion Ratio Lower Upper
75 100
110 32.9 18.4 55.2
77 30.5 24.4 36.6





#37

Ethyl Acetate

Concen: 49.477 ug/l

RT: 7.410 min Scan# 20

Delta R.T. -0.005 min

Lab File: VN069633.D

Acq: 24 Nov 2021 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1044009

Ion Ratio Lower Upper

43 100

61 12.6 11.5 17.3

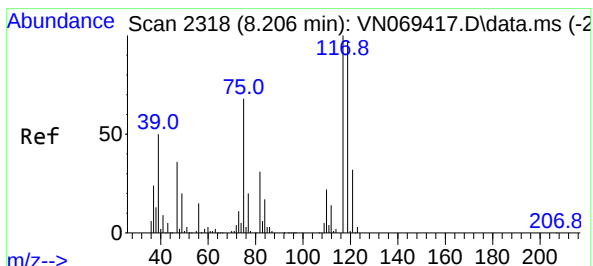
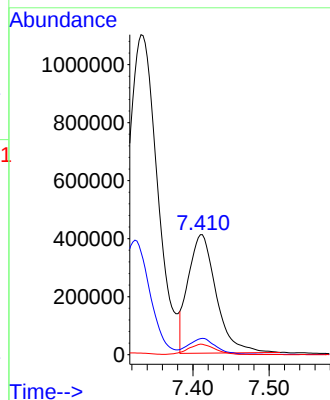
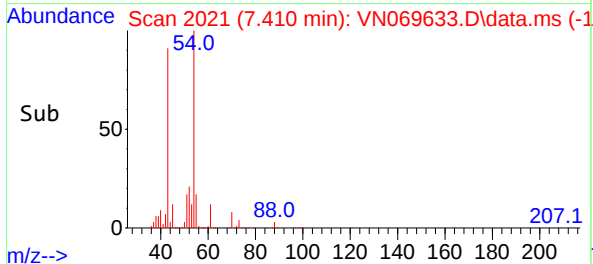
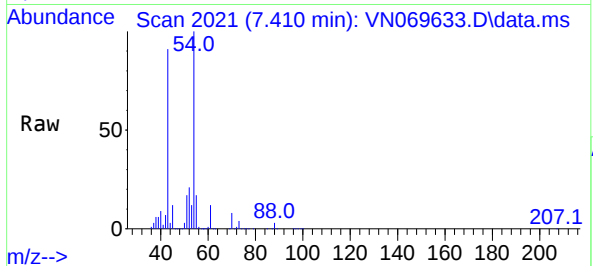
70 8.4 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/26/2021

Supervised By :Mahesh Dadoda 11/26/2021



#38

Carbon Tetrachloride

Concen: 54.289 ug/l

RT: 8.204 min Scan# 2317

Delta R.T. -0.002 min

Lab File: VN069633.D

Acq: 24 Nov 2021 10:22

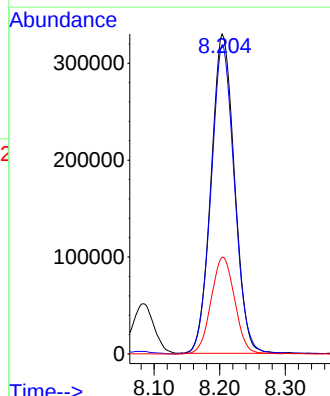
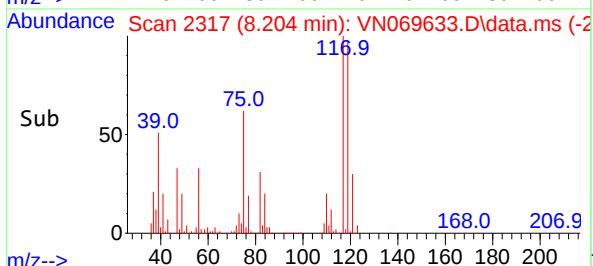
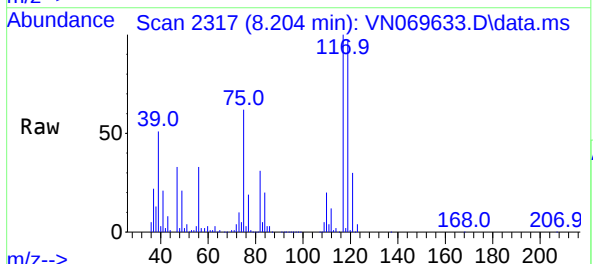
Tgt Ion:117 Resp: 818144

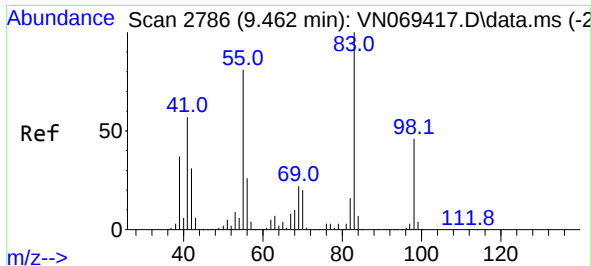
Ion Ratio Lower Upper

117 100

119 96.7 76.1 114.1

121 30.3 24.2 36.2





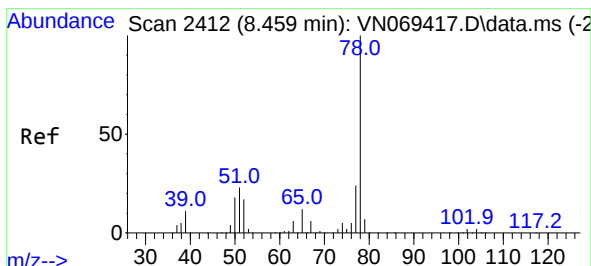
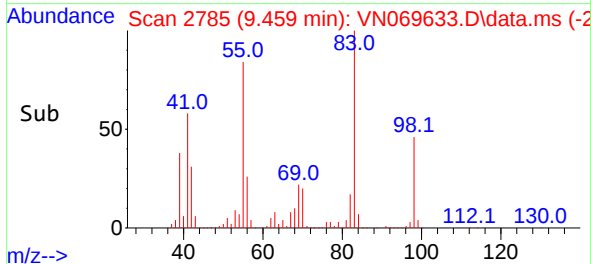
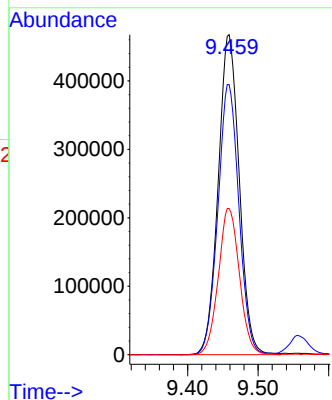
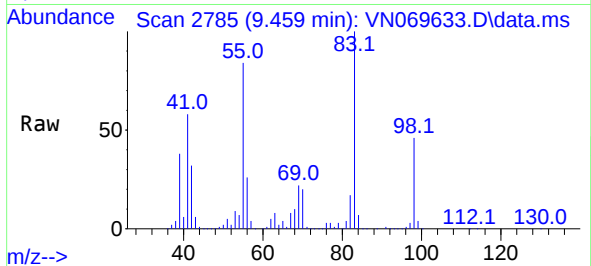
#39
Methylcyclohexane
Concen: 49.936 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 969662
Ion Ratio Lower Upper
83 100
55 84.4 58.1 87.1
98 45.6 38.4 57.6

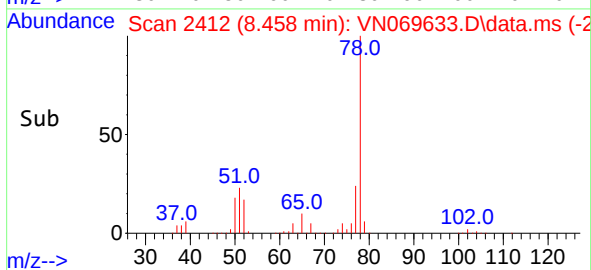
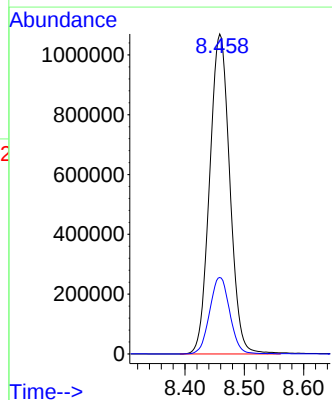
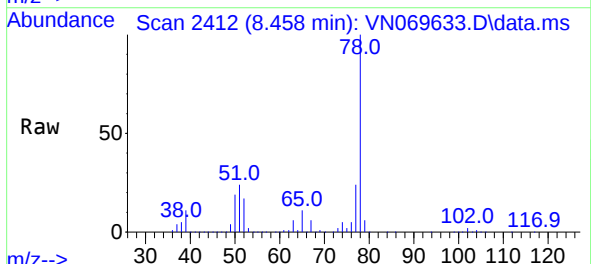
Manual Integrations
APPROVED

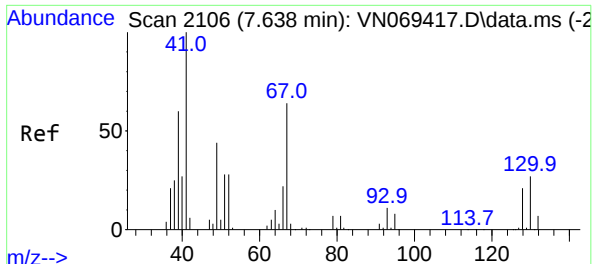
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#40
Benzene
Concen: 52.381 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.001 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

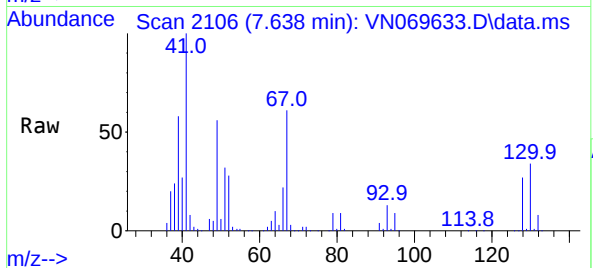
Tgt Ion: 78 Resp: 2523807
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8





#41
Methacrylonitrile
Concen: 50.415 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

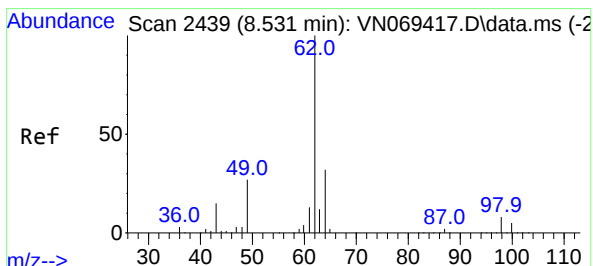
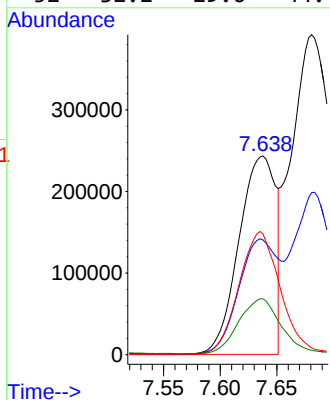
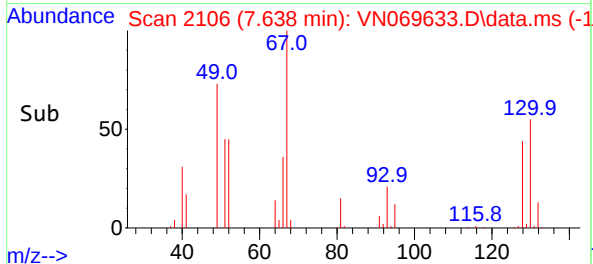
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



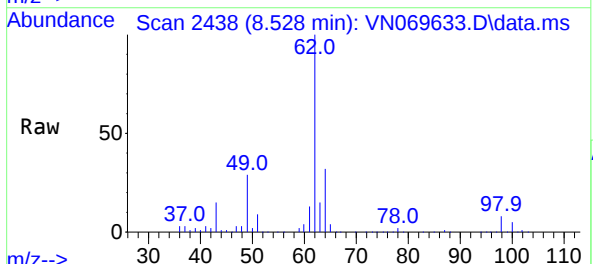
Tgt Ion: 41 Resp: 549672
Ion Ratio Lower Upper
41 100
39 61.3 48.1 72.1
67 70.9 68.3 102.5
52 32.2 29.6 44.4

Manual Integrations
APPROVED

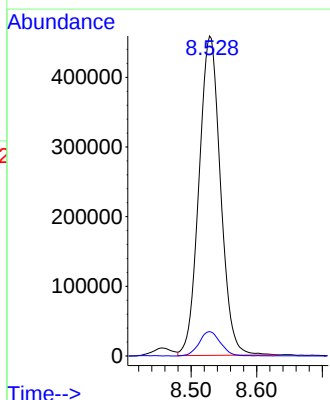
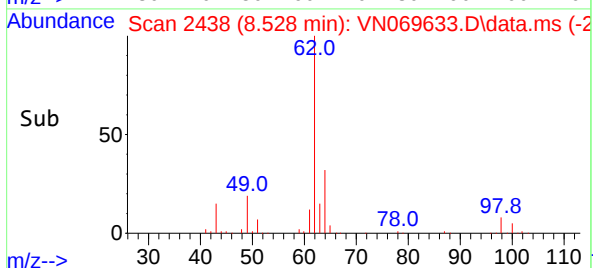
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

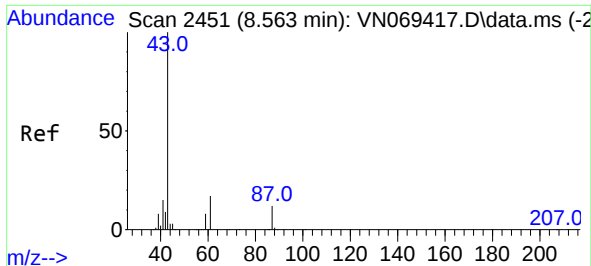


#42
1,2-Dichloroethane
Concen: 55.312 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22



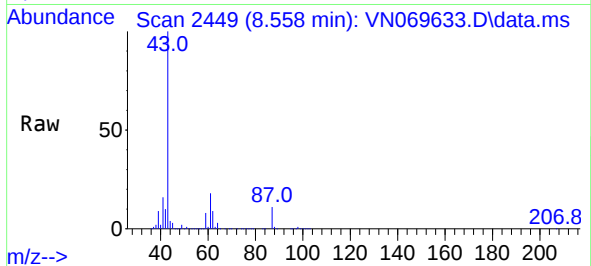
Tgt Ion: 62 Resp: 1043516
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 52.569 ug/l
RT: 8.558 min Scan# 2449
Delta R.T. -0.005 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

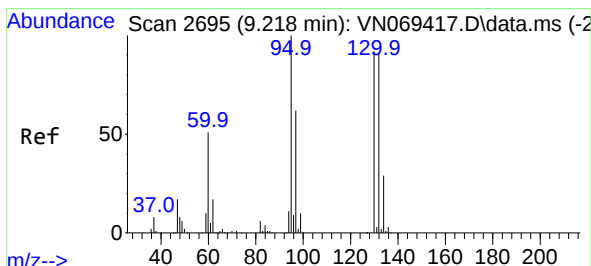
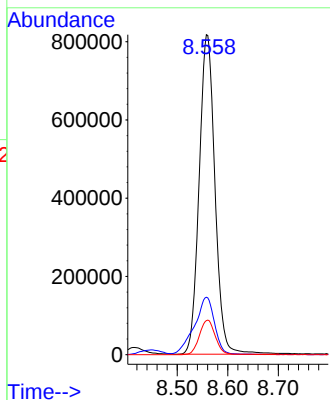
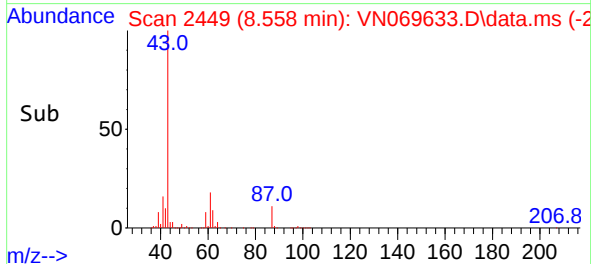
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1781708
Ion Ratio Lower Upper
43 100
61 22.6 20.4 30.6
87 10.9 11.2 16.8

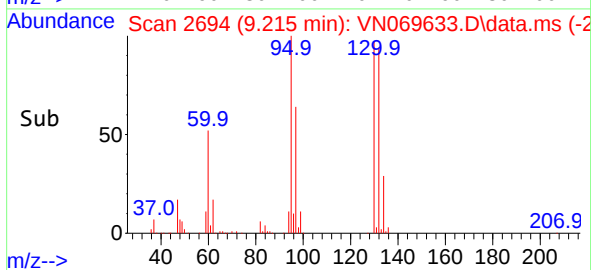
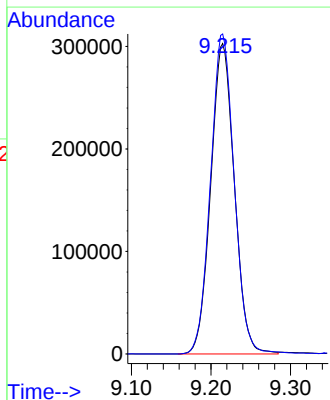
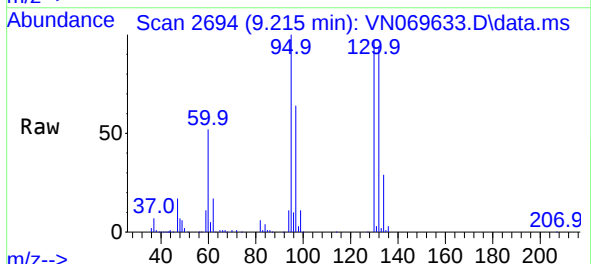
Manual Integrations
APPROVED

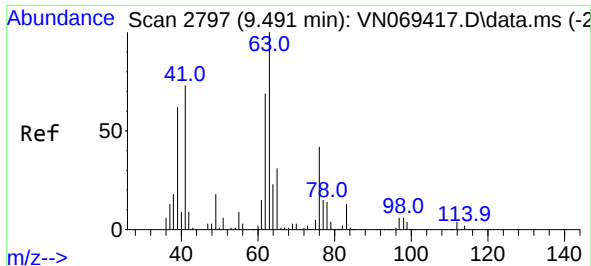
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#44
Trichloroethene
Concen: 54.239 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

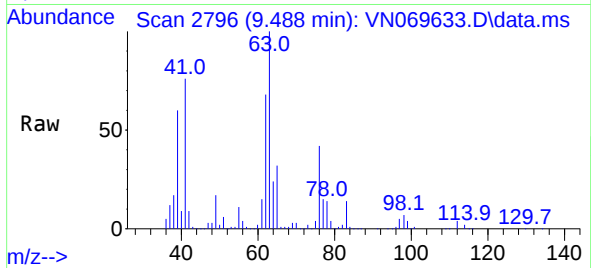
Tgt Ion:130 Resp: 625443
Ion Ratio Lower Upper
130 100
95 103.1 0.0 191.2





#45
1,2-Dichloropropane
Concen: 56.006 ug/l
RT: 9.488 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

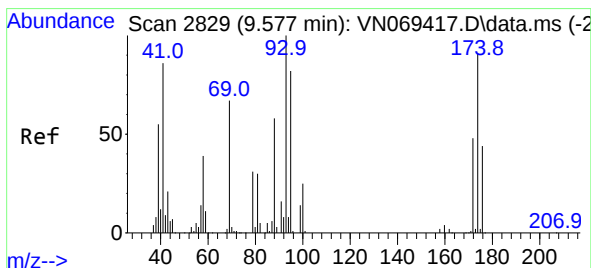
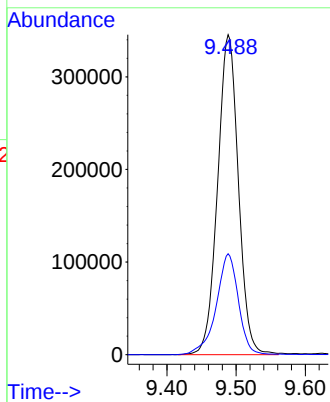
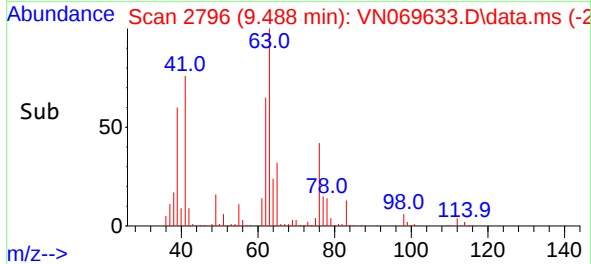
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



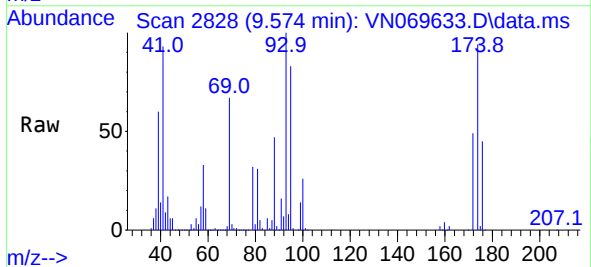
Tgt Ion: 63 Resp: 72094
Ion Ratio Lower Upper
63 100
65 31.5 24.7 37.1

Manual Integrations
APPROVED

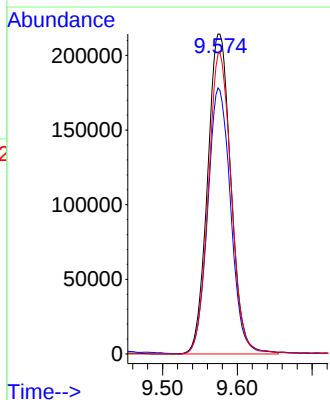
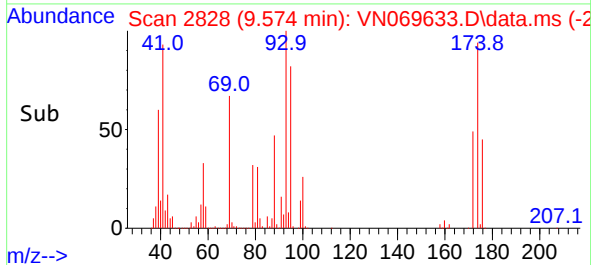
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

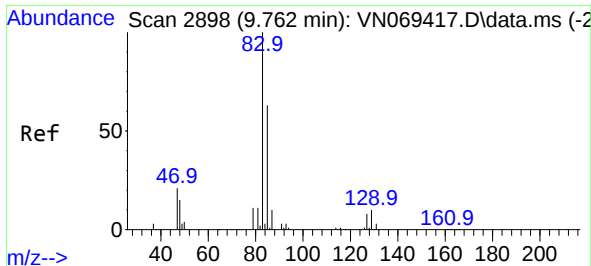


#46
Dibromomethane
Concen: 53.888 ug/l
RT: 9.574 min Scan# 2828
Delta R.T. -0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22



Tgt Ion: 93 Resp: 464632
Ion Ratio Lower Upper
93 100
95 81.9 65.9 98.9
174 92.8 84.6 127.0





#47
Bromodichloromethane
Concen: 58.854 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. -0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

Instrument :

MSVOA_N

ClientSampleId :

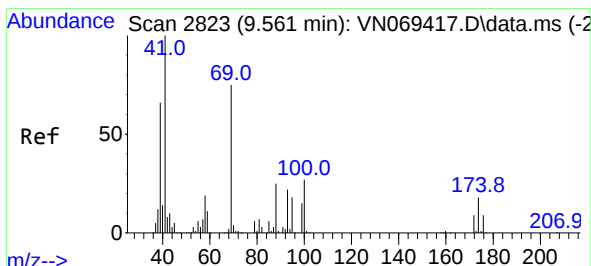
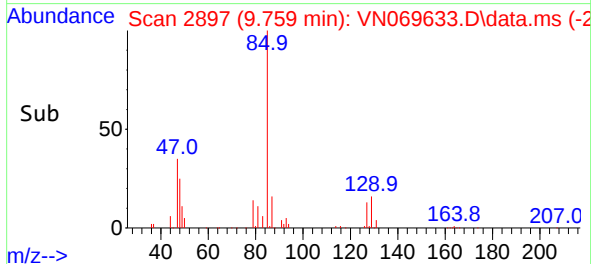
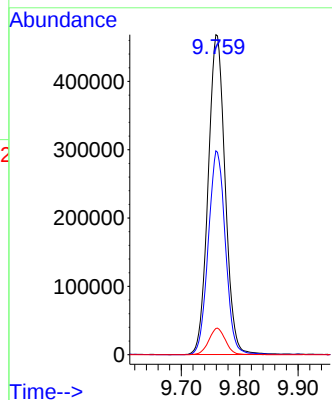
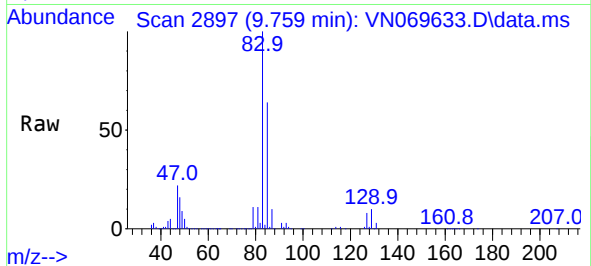
VSTDCCC050

Tgt Ion: 83 Resp: 94694
Ion Ratio Lower Upper
83 100
85 63.7 50.9 76.3
127 8.2 7.1 10.7

Manual Integrations

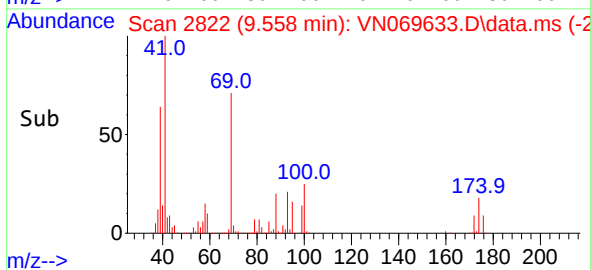
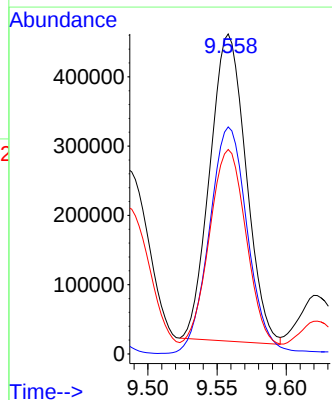
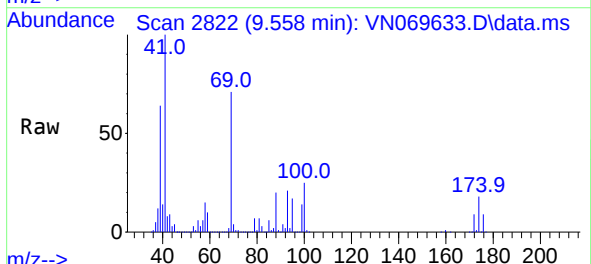
APPROVED

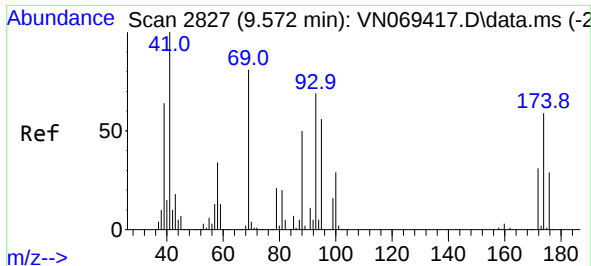
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#48
Methyl methacrylate
Concen: 50.498 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

Tgt Ion: 41 Resp: 805233
Ion Ratio Lower Upper
41 100
69 78.5 72.4 108.6
39 70.7 58.4 87.6





#49
1,4-Dioxane
Concen: 796.112 ug/l
RT: 9.566 min Scan# 2827
Delta R.T. -0.006 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

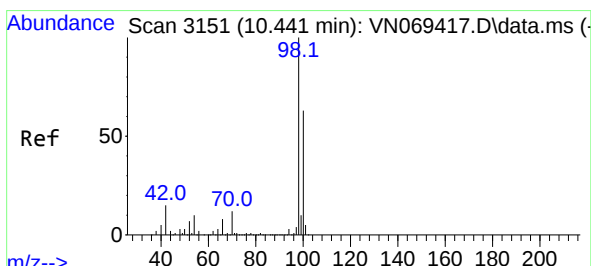
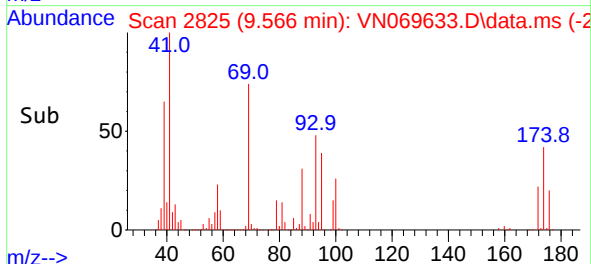
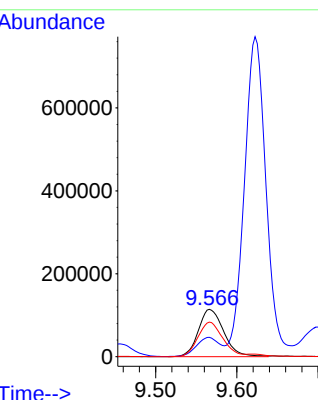
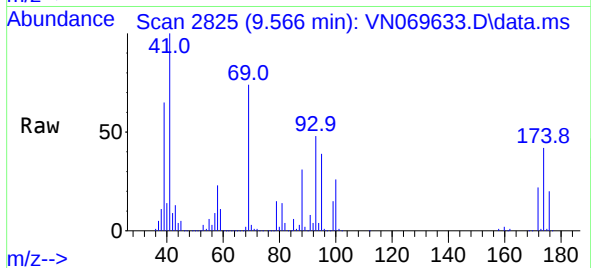
Tgt Ion: 88 Resp: 248958
Ion Ratio Lower Upper
88 100
43 36.7 23.4 35.2
58 71.4 50.6 75.8

Manual Integrations

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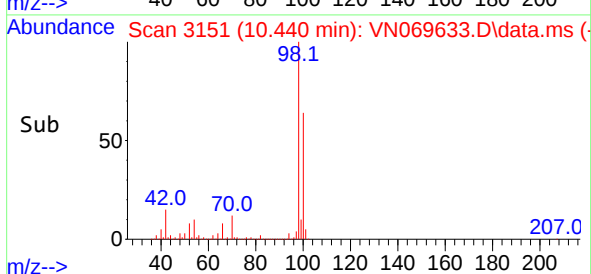
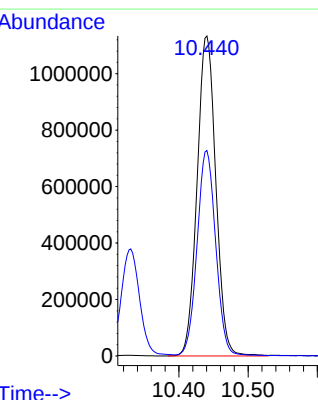
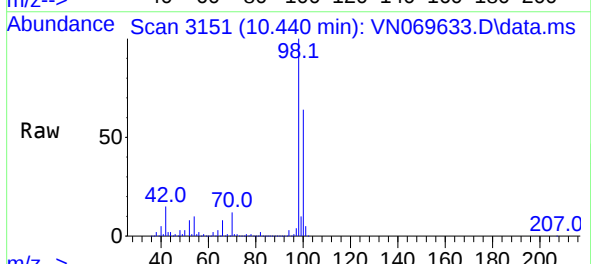
Reviewed By :John Carlone 11/26/2021

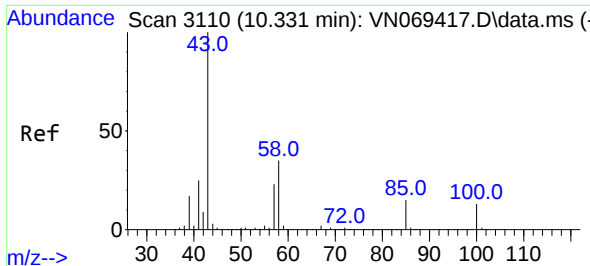
Supervised By :Mahesh Dadoda 11/26/2021



#50
Toluene-d8
Concen: 48.778 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

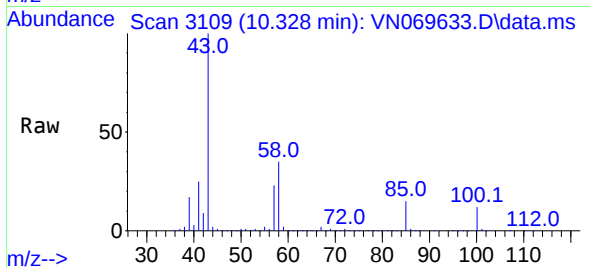
Tgt Ion: 98 Resp: 2134475
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 262.956 ug/l
RT: 10.328 min Scan# 3110
Delta R.T. -0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

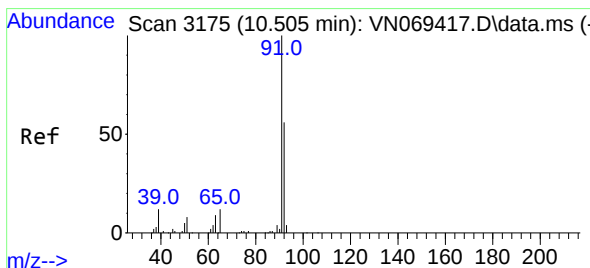
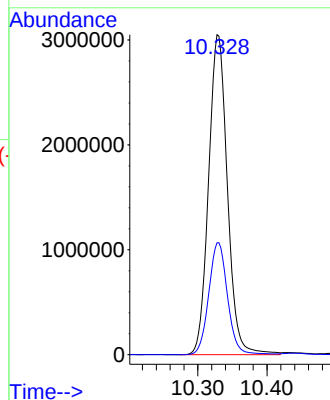
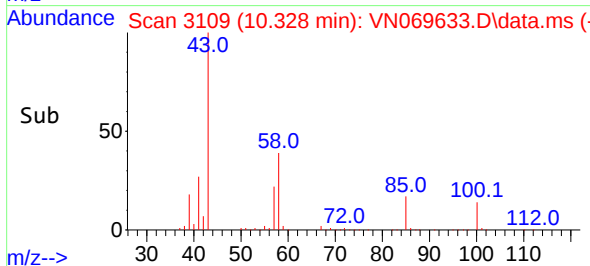
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 575259
Ion Ratio Lower Upper
43 100
58 35.0 30.4 45.6

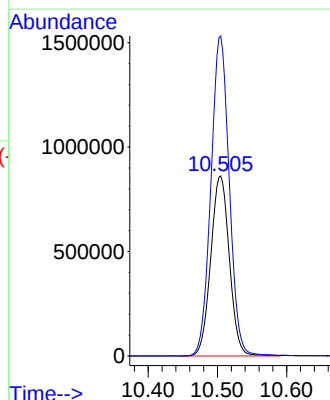
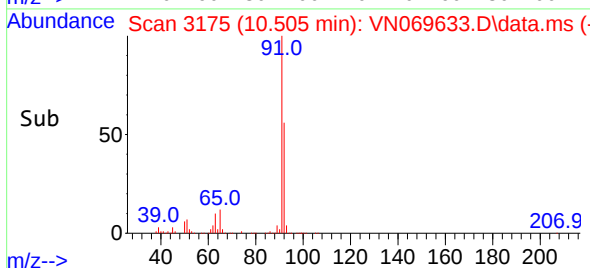
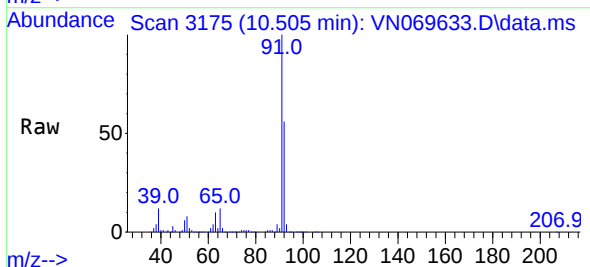
Manual Integrations
APPROVED

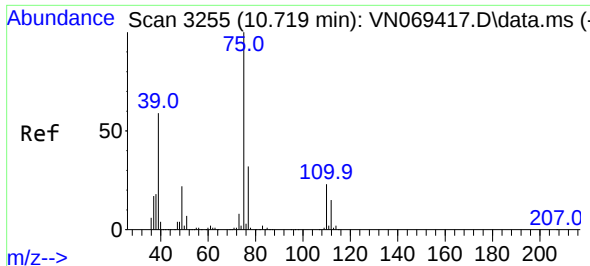
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#52
Toluene
Concen: 53.587 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

Tgt Ion: 92 Resp: 1608477
Ion Ratio Lower Upper
92 100
91 175.5 142.0 213.0





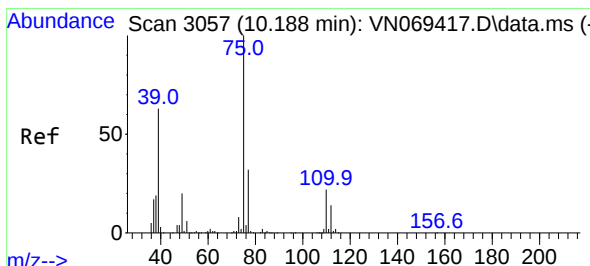
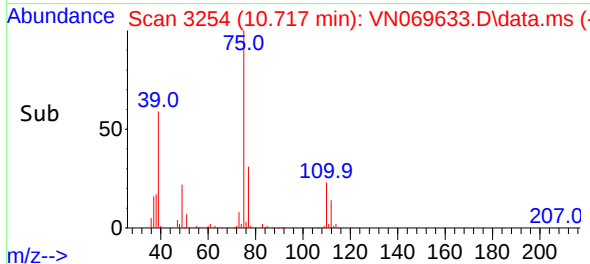
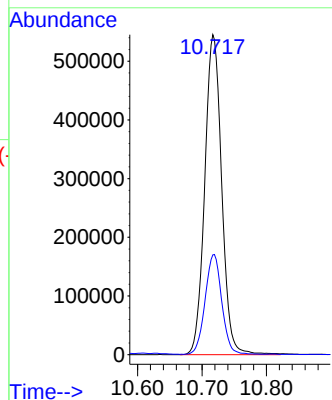
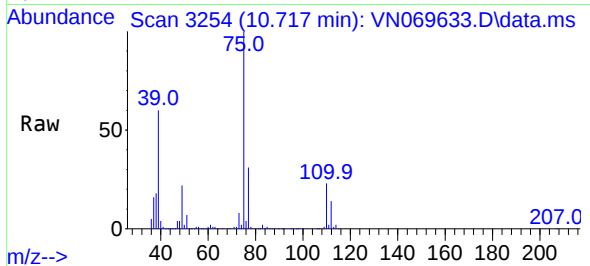
#53
t-1,3-Dichloropropene
Concen: 50.445 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 99841
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4

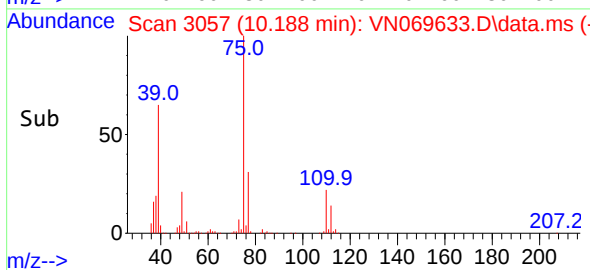
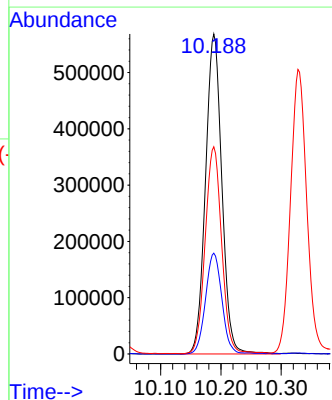
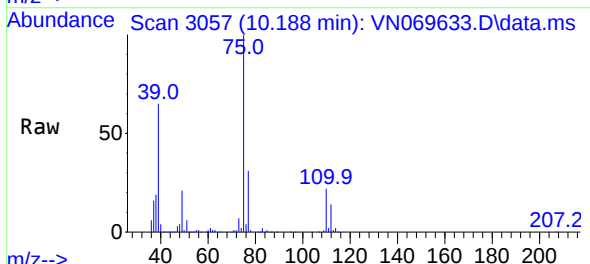
Manual Integrations
APPROVED

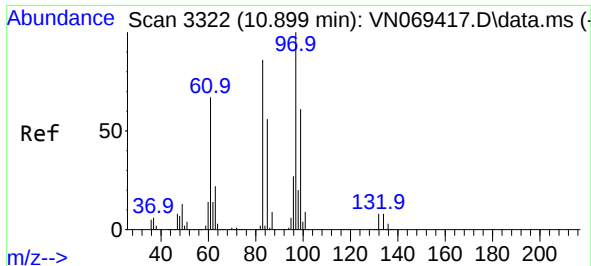
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#54
cis-1,3-Dichloropropene
Concen: 51.400 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

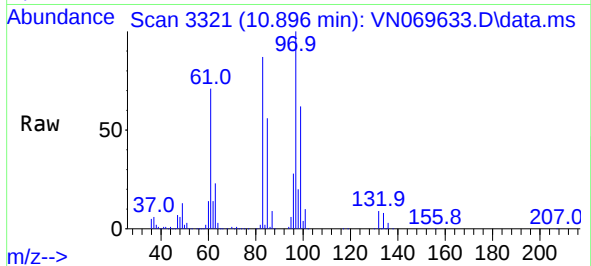
Tgt Ion: 75 Resp: 1072558
Ion Ratio Lower Upper
75 100
77 31.5 26.4 39.6
39 64.6 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 56.199 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

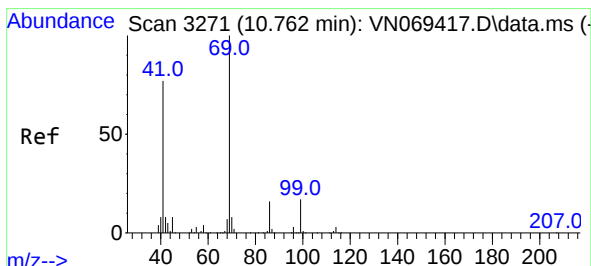
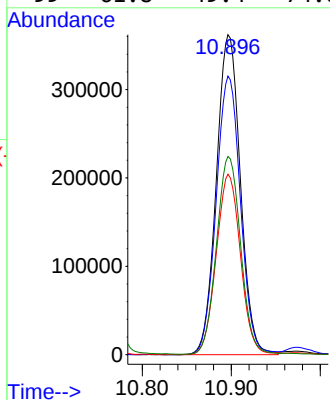
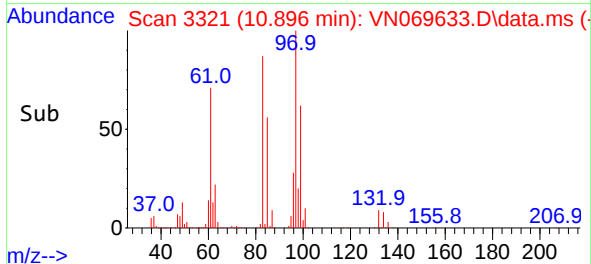
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



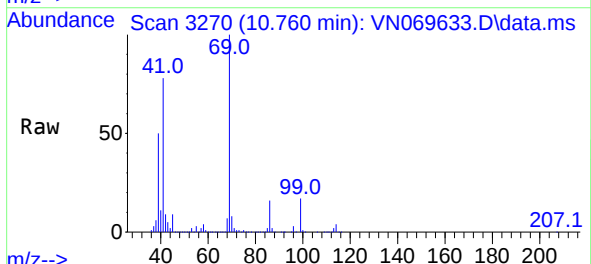
Tgt Ion: 97 Resp: 679999
Ion Ratio Lower Upper
97 100
83 87.0 67.8 101.6
85 56.4 45.4 68.2
99 61.8 49.4 74.0

Manual Integrations
APPROVED

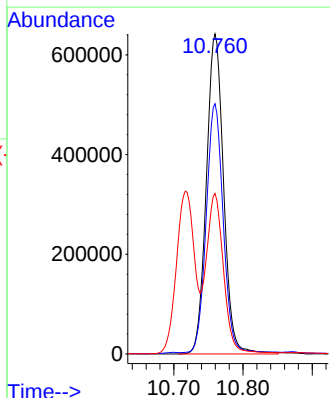
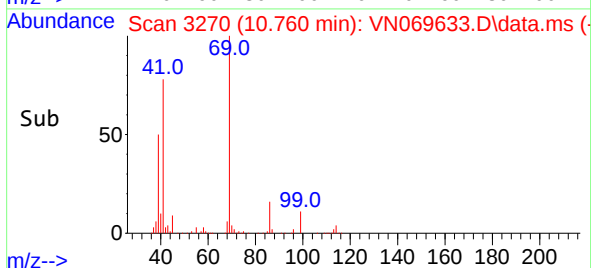
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

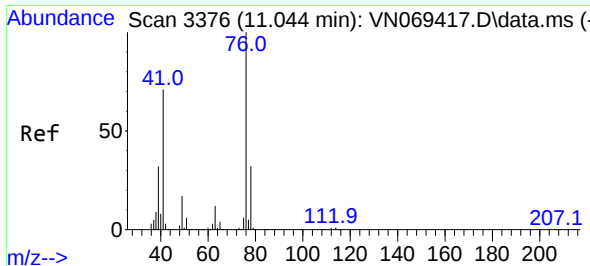


#56
Ethyl methacrylate
Concen: 48.750 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22



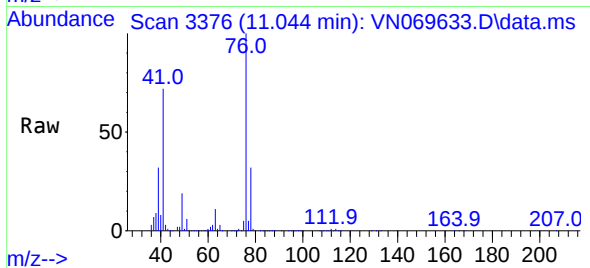
Tgt Ion: 69 Resp: 1110408
Ion Ratio Lower Upper
69 100
41 76.2 51.4 77.0
39 49.4 34.6 52.0





#57
1,3-Dichloropropane
Concen: 55.636 ug/l
RT: 11.044 min Scan# 311
Delta R.T. -0.000 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

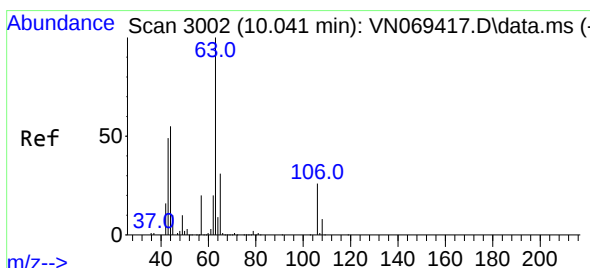
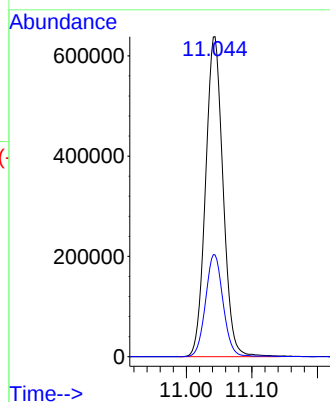
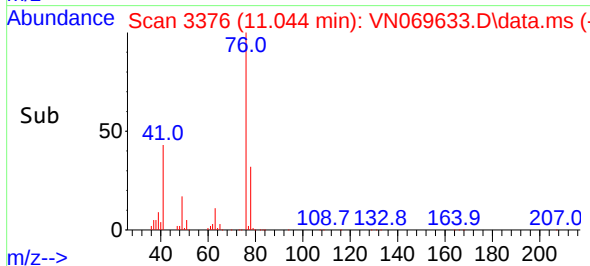
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



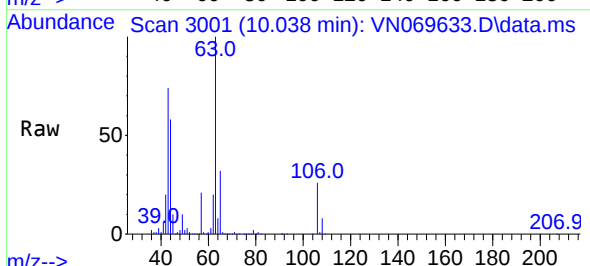
Tgt Ion: 76 Resp: 1182928
Ion Ratio Lower Upper
76 100
78 31.9 25.7 38.5

Manual Integrations
APPROVED

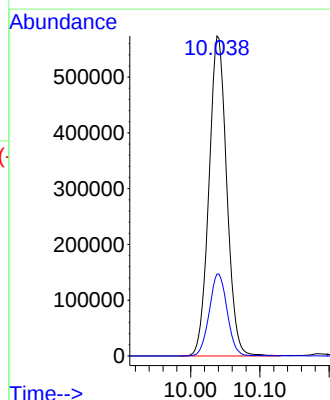
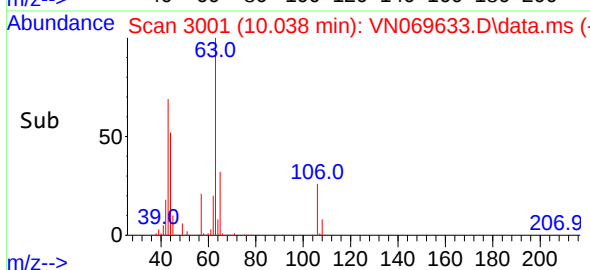
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

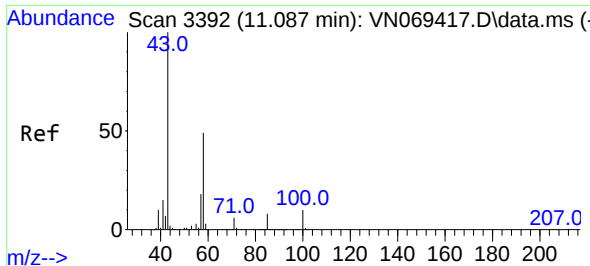


#58
2-Chloroethyl Vinyl ether
Concen: 181.477 ug/l
RT: 10.038 min Scan# 3001
Delta R.T. -0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22



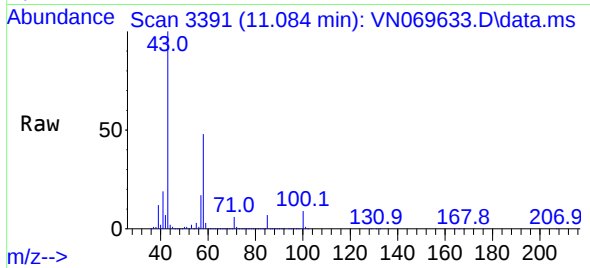
Tgt Ion: 63 Resp: 1023765
Ion Ratio Lower Upper
63 100
106 25.7 23.9 35.9





#59
2-Hexanone
Concen: 224.239 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

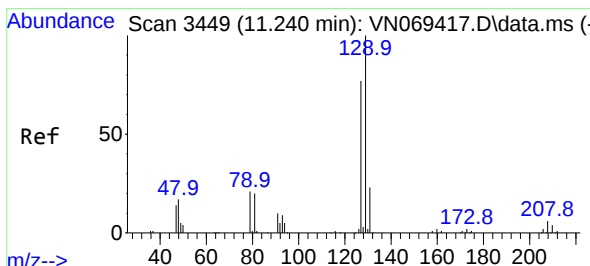
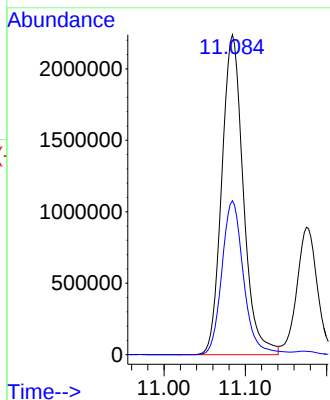
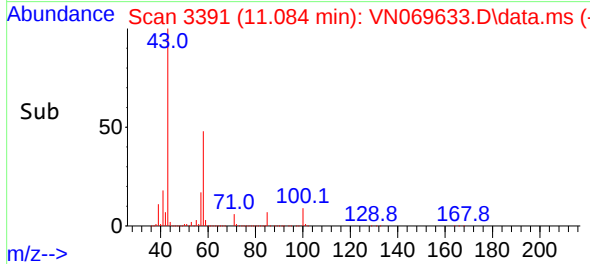
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 412639
Ion Ratio Lower Upper
43 100
58 48.5 26.9 80.7

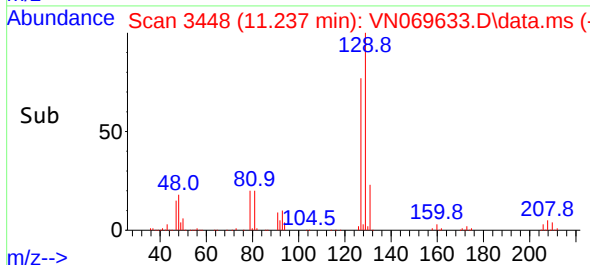
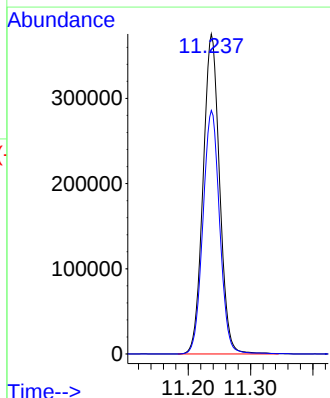
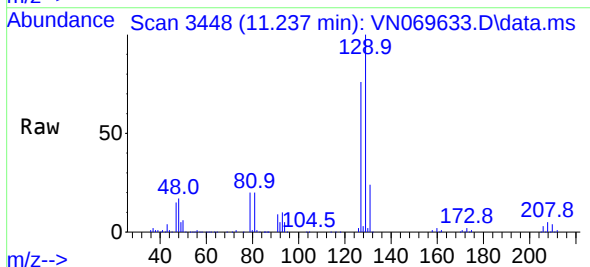
Manual Integrations
APPROVED

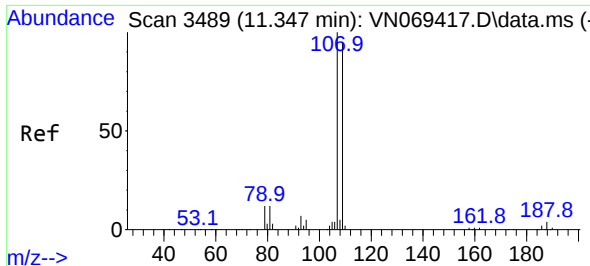
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#60
Dibromochloromethane
Concen: 51.974 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

Tgt Ion:129 Resp: 691564
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





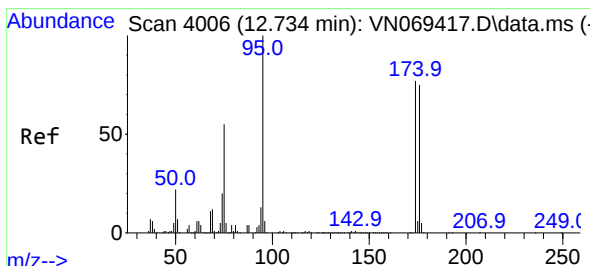
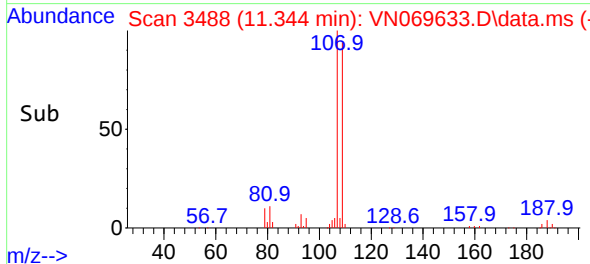
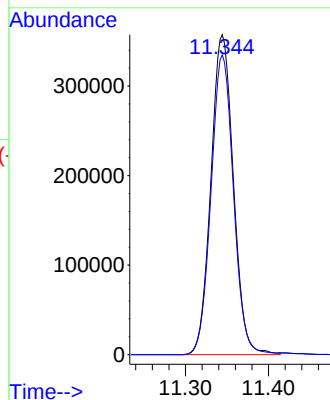
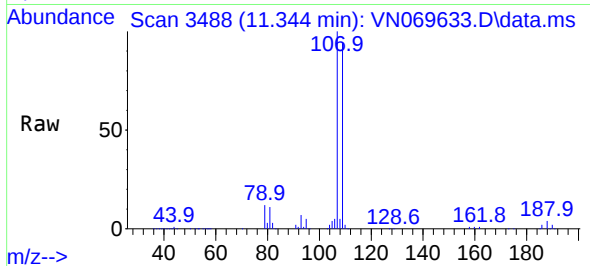
#61
1,2-Dibromoethane
Concen: 49.793 ug/l
RT: 11.344 min Scan# 3489
Delta R.T. -0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 672414
Ion Ratio Lower Upper
107 100
109 93.1 75.7 113.5

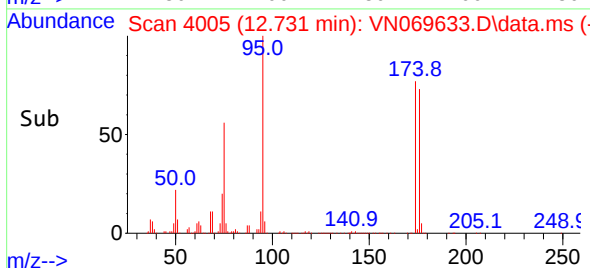
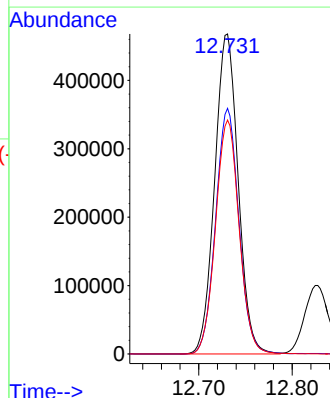
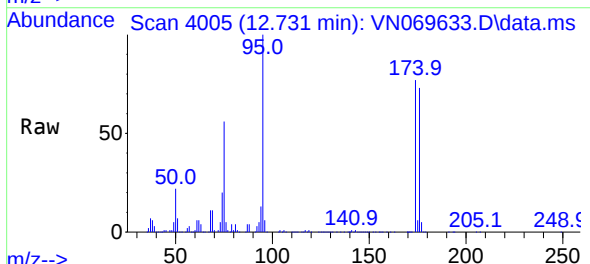
Manual Integrations
APPROVED

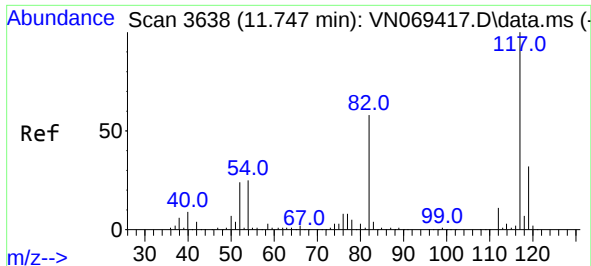
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#62
4-Bromofluorobenzene
Concen: 50.902 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

Tgt Ion: 95 Resp: 818268
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 73.5 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3636
Delta R.T. -0.006 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

Instrument :

MSVOA_N

ClientSampleId :

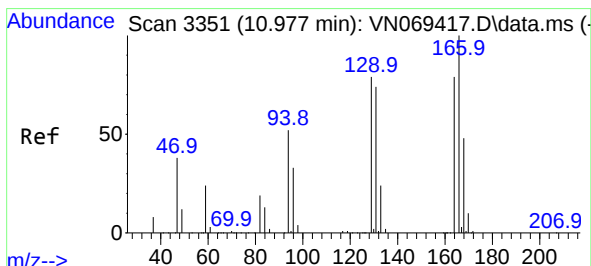
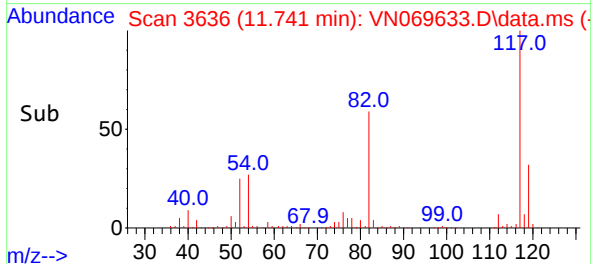
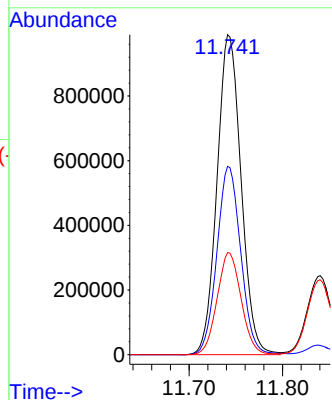
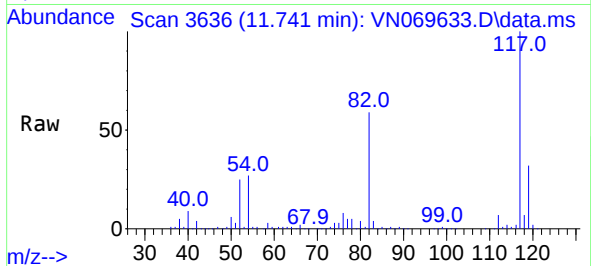
VSTDCCC050

Tgt Ion:117 Resp: 177627
Ion Ratio Lower Upper
117 100
82 58.8 42.4 63.6
119 31.9 25.4 38.2

Manual Integrations

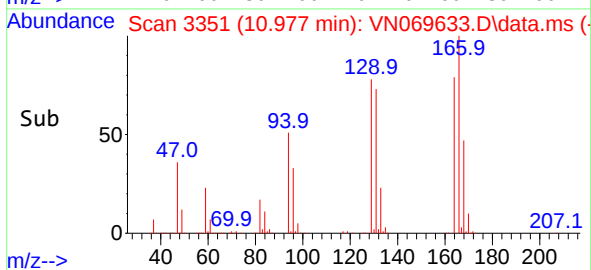
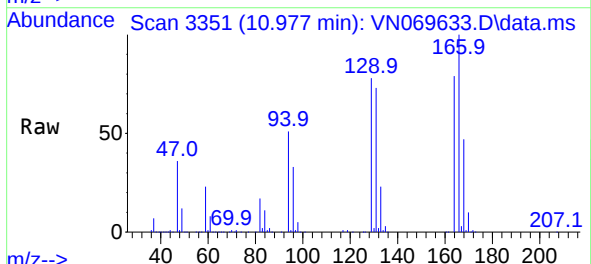
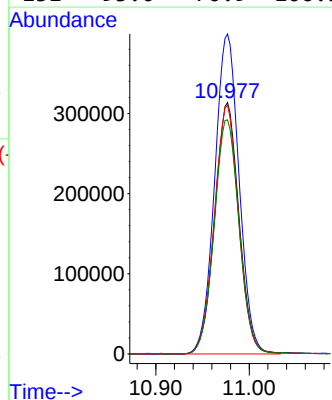
APPROVED

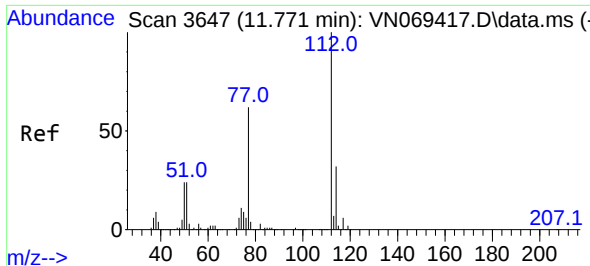
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#64
Tetrachloroethene
Concen: 52.878 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

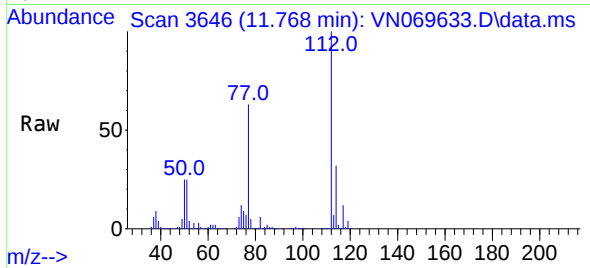
Tgt Ion:164 Resp: 567137
Ion Ratio Lower Upper
164 100
166 127.3 101.9 152.9
129 99.0 72.0 108.0
131 93.0 70.9 106.3





#65
Chlorobenzene
Concen: 53.827 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

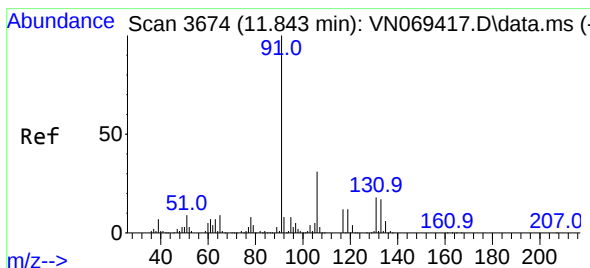
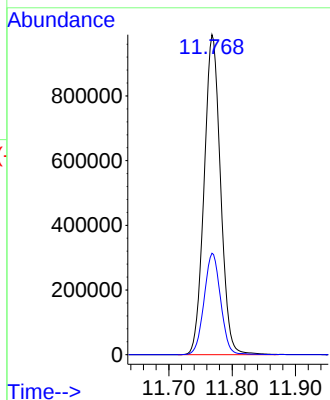
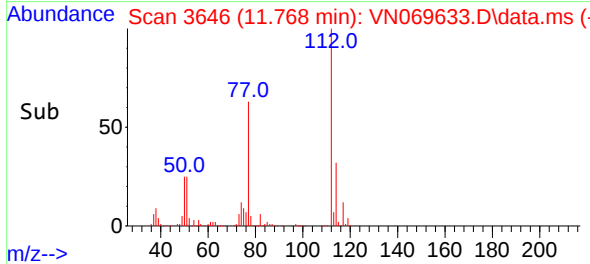
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



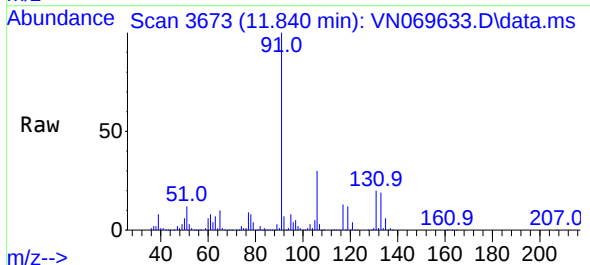
Tgt Ion:112 Resp: 1779660
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0

Manual Integrations
APPROVED

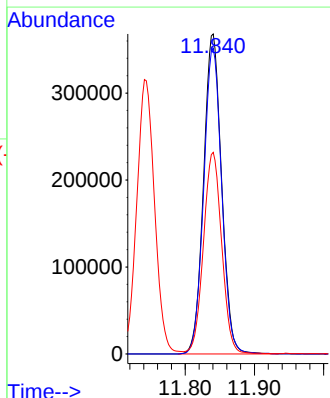
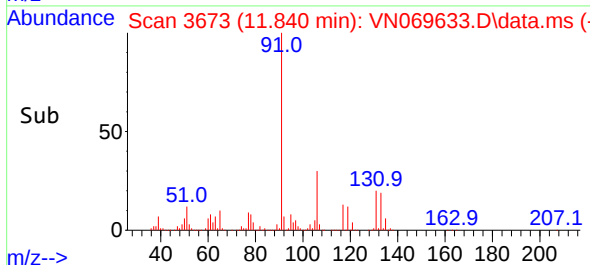
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

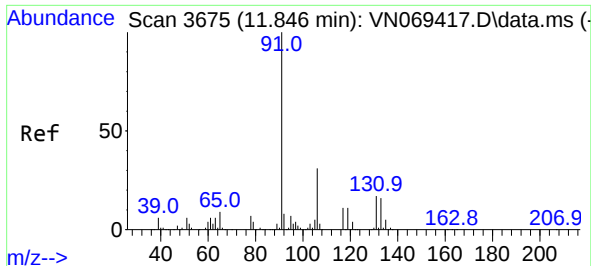


#66
1,1,1,2-Tetrachloroethane
Concen: 58.024 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22



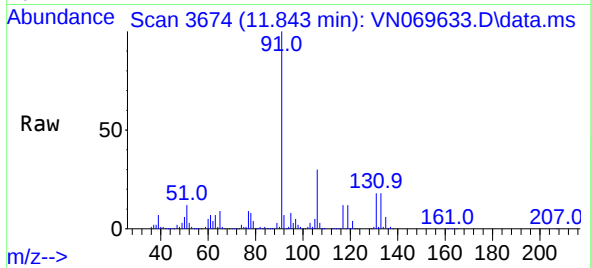
Tgt Ion:131 Resp: 665414
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.7
119 63.3 32.1 96.5





#67
Ethyl Benzene
Concen: 53.601 ug/l
RT: 11.843 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

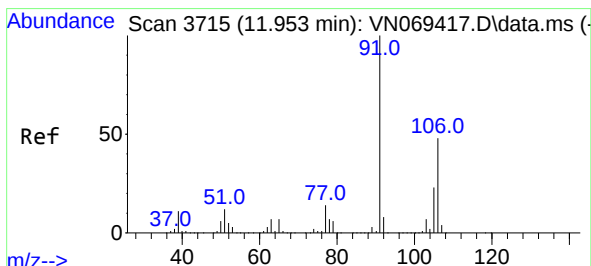
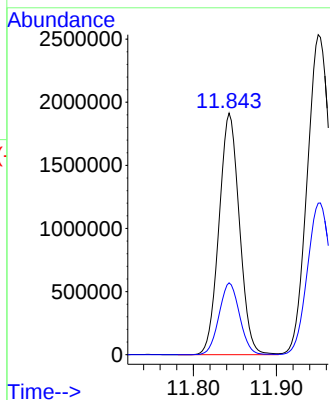
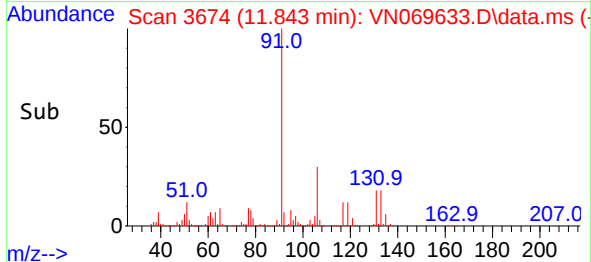
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



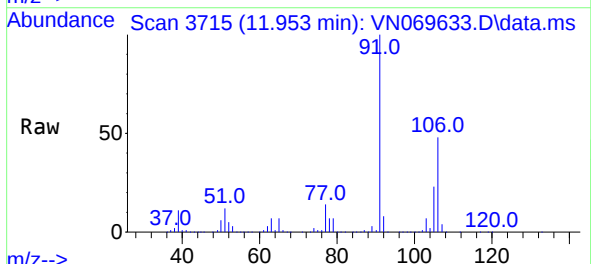
Tgt Ion: 91 Resp: 326850
Ion Ratio Lower Upper
91 100
106 29.8 25.7 38.5

Manual Integrations
APPROVED

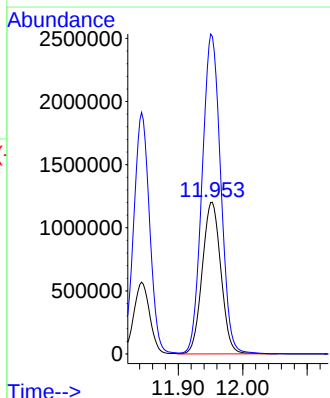
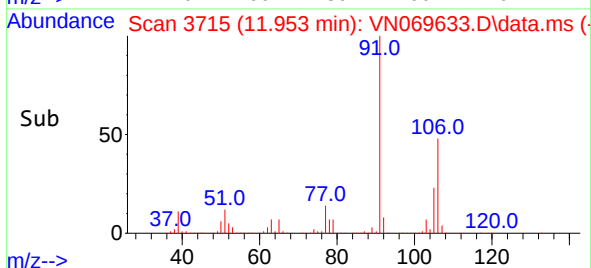
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

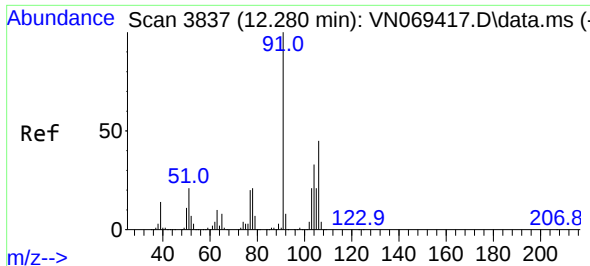


#68
m/p-Xylenes
Concen: 107.670 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22



Tgt Ion:106 Resp: 2414708
Ion Ratio Lower Upper
106 100
91 210.1 160.6 240.8





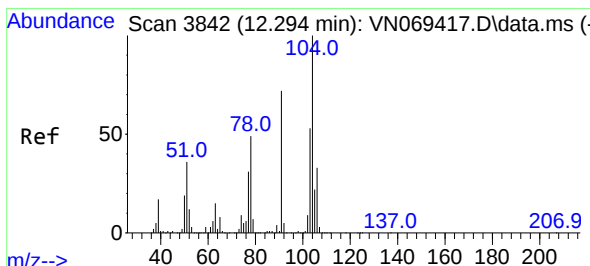
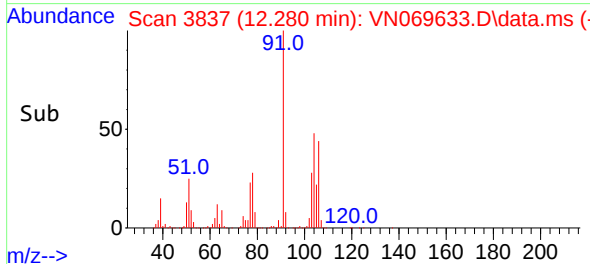
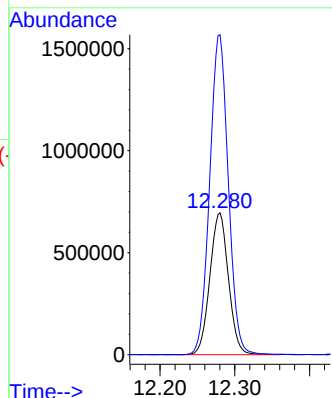
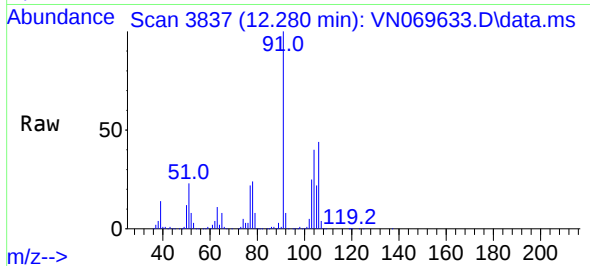
#69
o-Xylene
Concen: 53.675 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 1200069
Ion Ratio Lower Upper
106 100
91 225.9 105.8 317.3

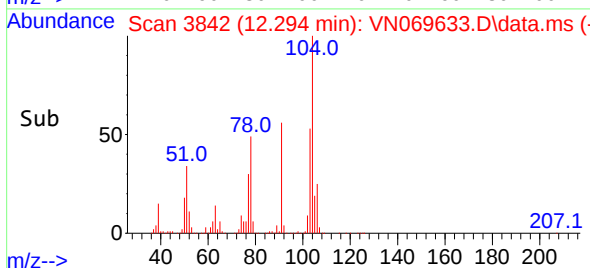
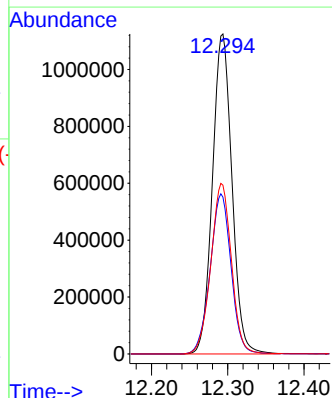
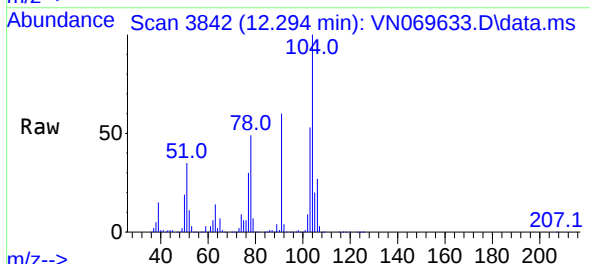
Manual Integrations
APPROVED

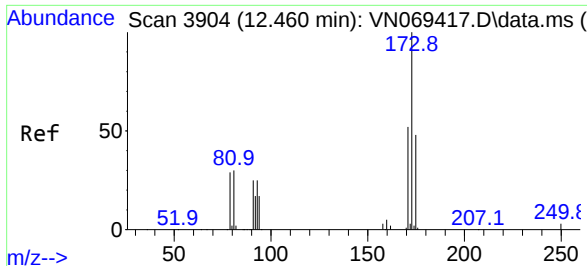
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#70
Styrene
Concen: 49.833 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

Tgt Ion:104 Resp: 2000249
Ion Ratio Lower Upper
104 100
78 53.6 38.7 58.1
103 56.1 45.0 67.6





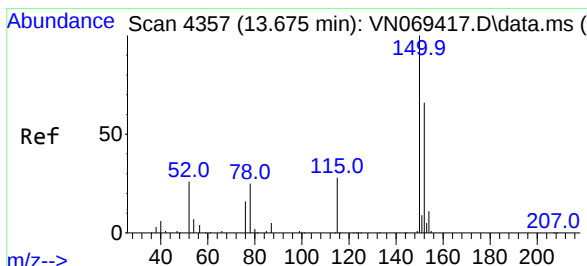
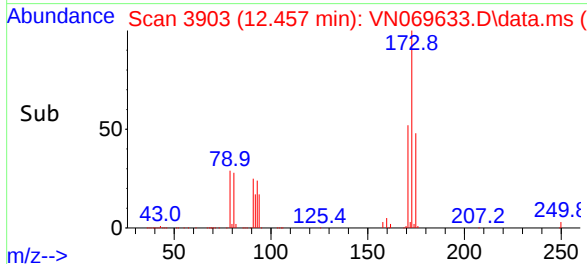
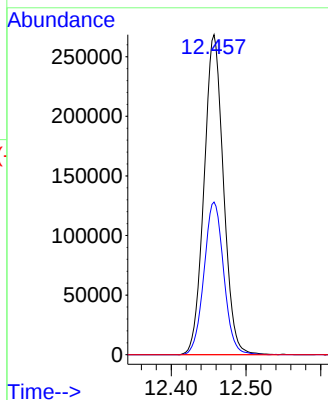
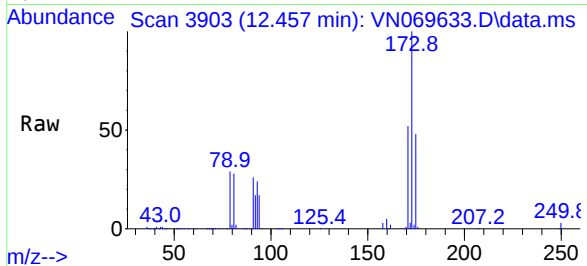
#71
Bromoform
Concen: 48.790 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 484949
Ion Ratio Lower Upper
173 100
175 48.4 24.2 72.6
254 0.0 0.0 0.0

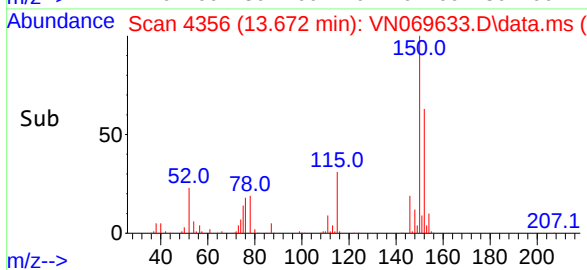
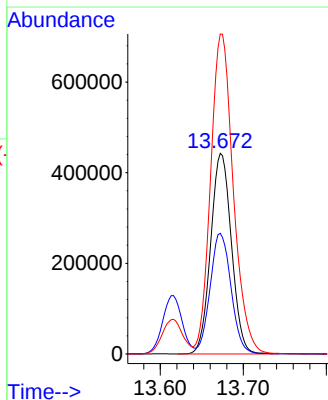
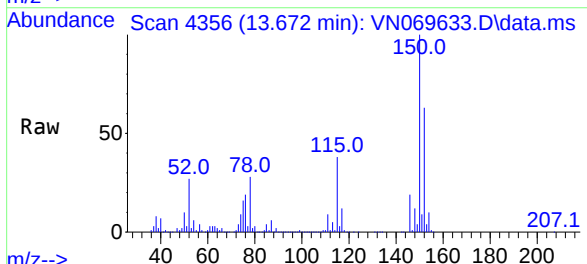
Manual Integrations
APPROVED

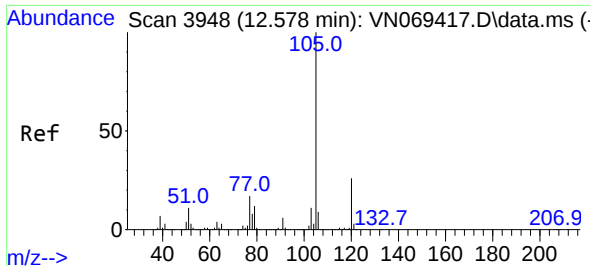
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. -0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

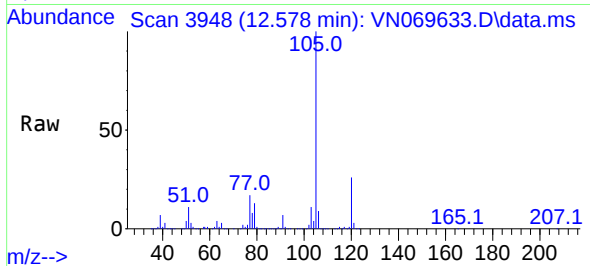
Tgt Ion:152 Resp: 769833
Ion Ratio Lower Upper
152 100
115 60.3 27.5 82.5
150 173.9 0.0 344.4





#73
Isopropylbenzene
Concen: 52.907 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

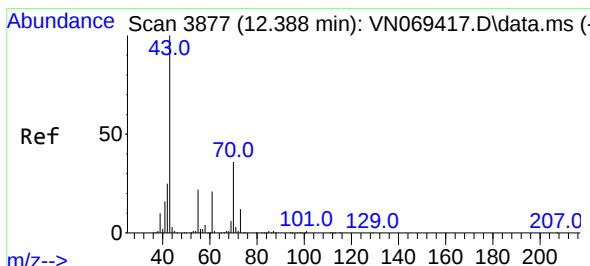
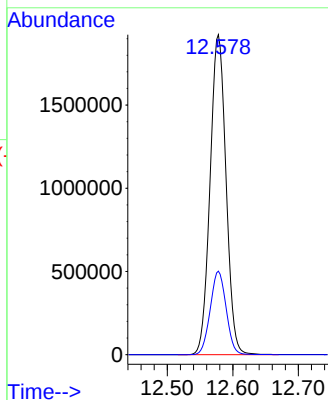
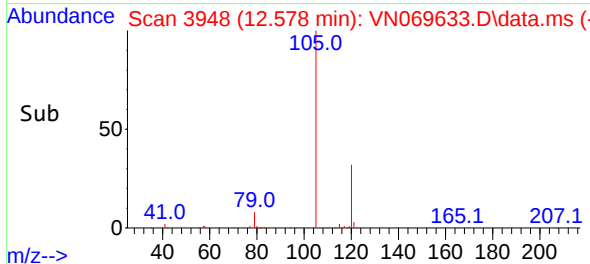
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



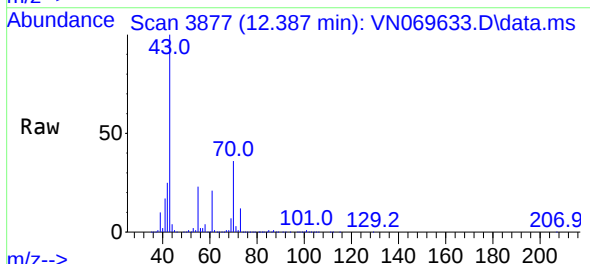
Tgt Ion:105 Resp: 3242938
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.1

Manual Integrations
APPROVED

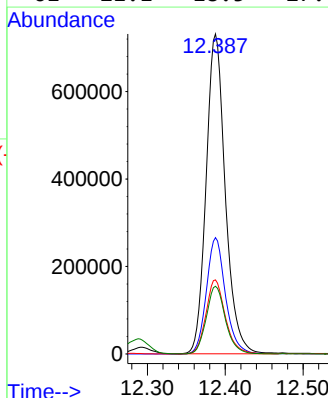
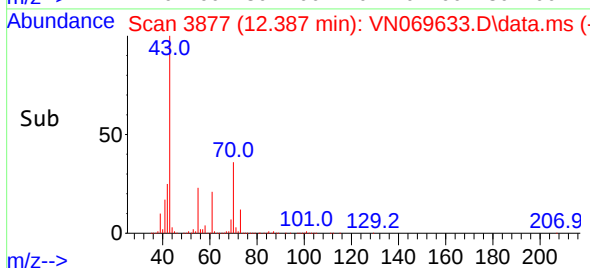
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

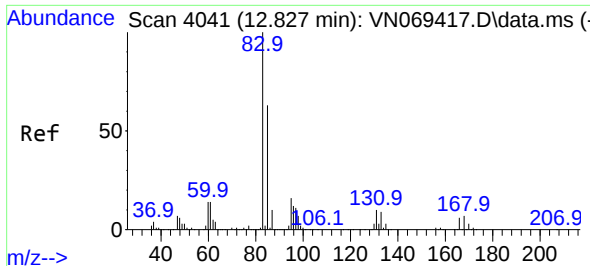


#74
N-ethyl acetate
Concen: 48.235 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. -0.001 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22



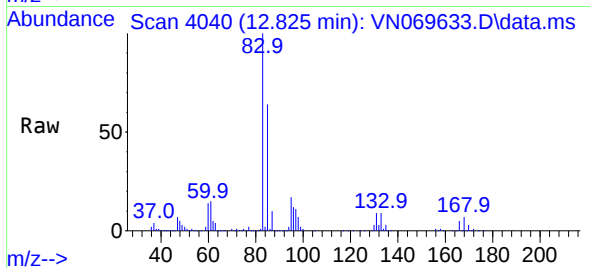
Tgt Ion: 43 Resp: 1252975
Ion Ratio Lower Upper
43 100
70 36.4 33.4 50.0
55 23.5 19.3 28.9
61 21.1 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 50.574 ug/l
RT: 12.825 min Scan# 4041
Delta R.T. -0.002 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

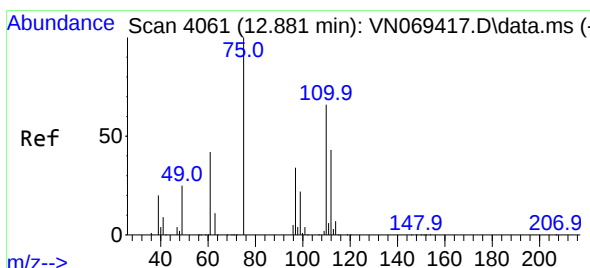
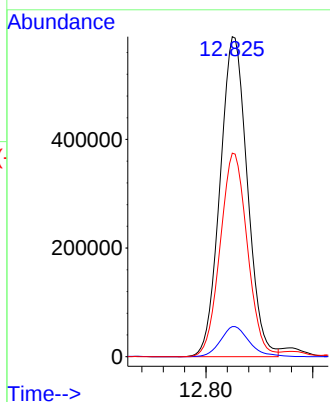
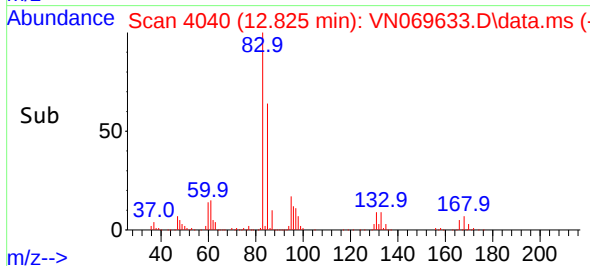
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



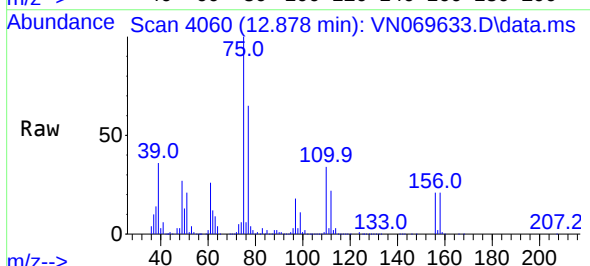
Tgt Ion: 83 Resp: 104551
Ion Ratio Lower Upper
83 100
131 9.9 5.5 16.5
85 63.4 32.4 97.2

Manual Integrations
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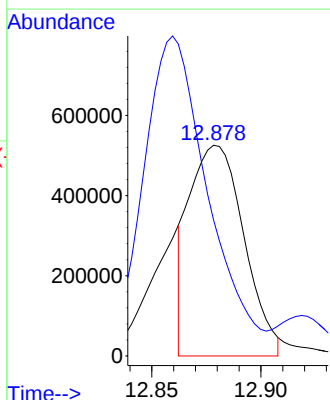
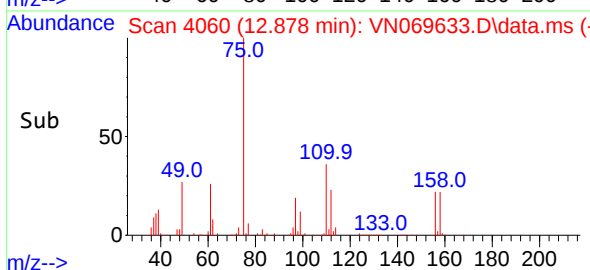
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

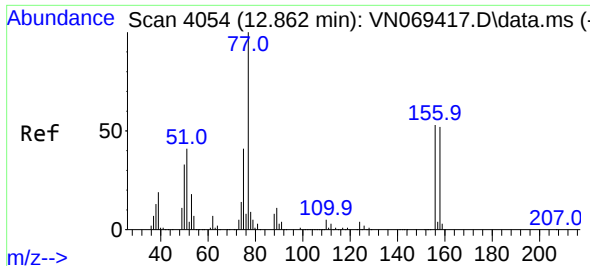


#76
1,2,3-Trichloropropane
Concen: 51.369 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22



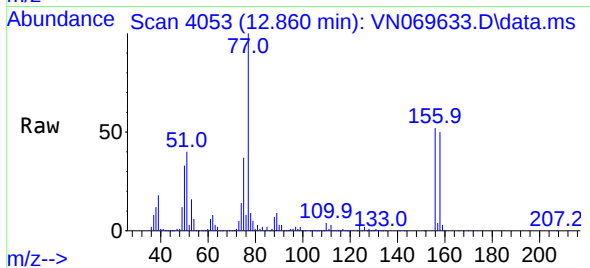
Tgt Ion: 75 Resp: 912625
Ion Ratio Lower Upper
75 100
77 180.8 82.6 247.8





#77
Bromobenzene
Concen: 53.035 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.002 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

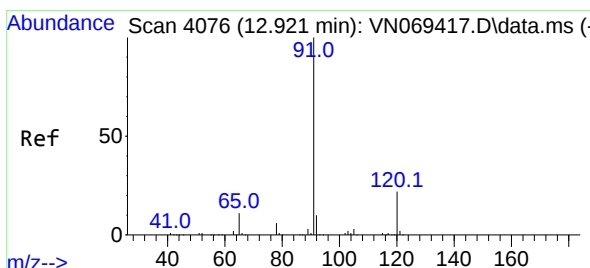
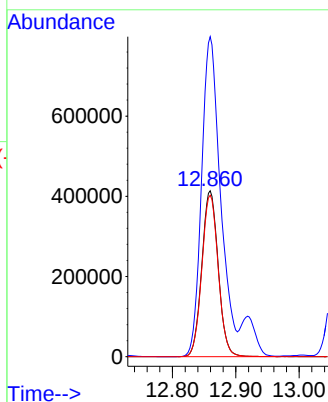
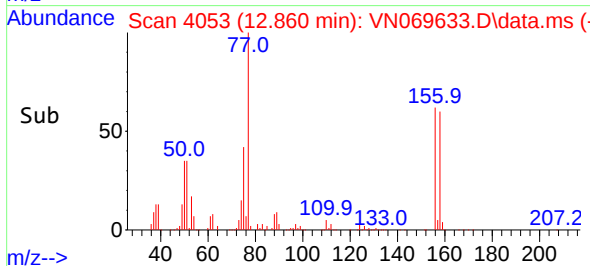
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



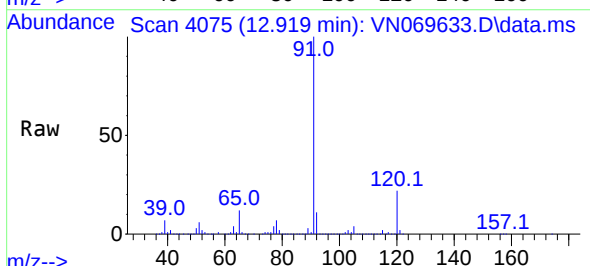
Tgt Ion:156 Resp: 74345
Ion Ratio Lower Upper
156 100
77 221.9 90.6 271.8
158 97.3 48.9 146.7

Manual Integrations
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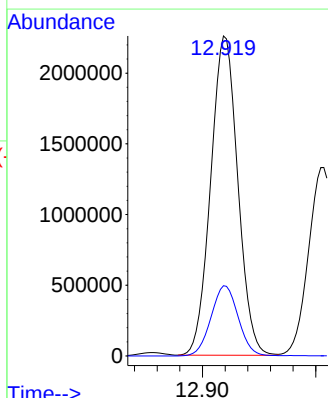
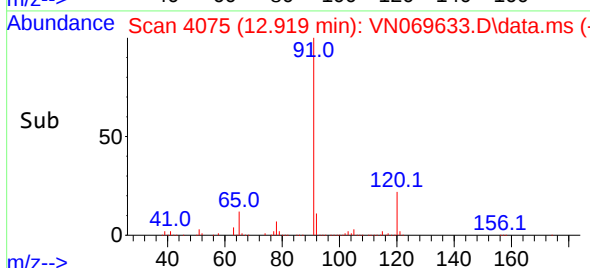
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

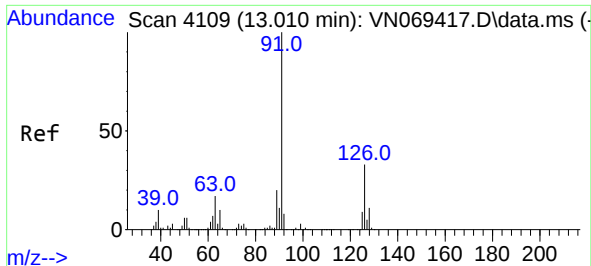


#78
n-propylbenzene
Concen: 54.392 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.002 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22



Tgt Ion: 91 Resp: 3751467
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9





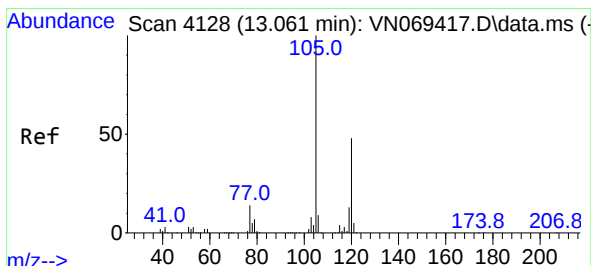
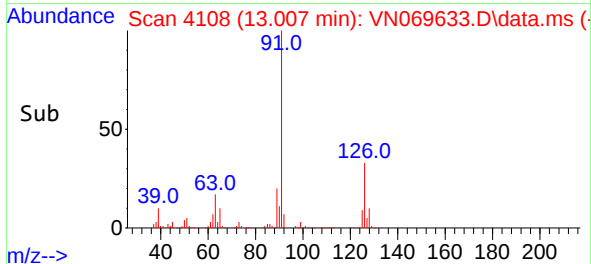
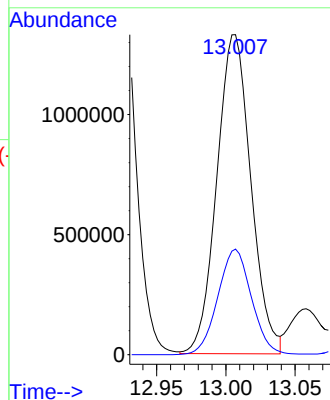
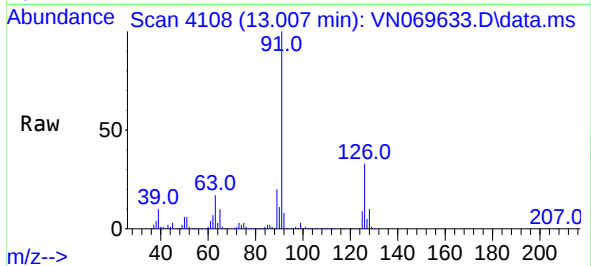
#79
2-Chlorotoluene
Concen: 53.306 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 2276404
Ion Ratio Lower Upper
91 100
126 32.7 18.3 54.8

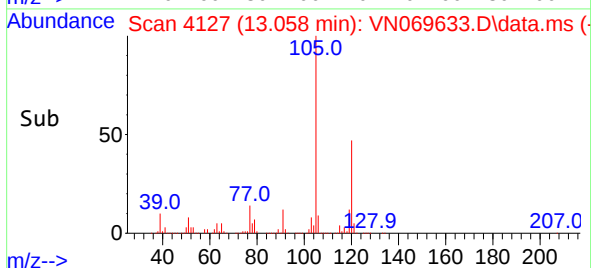
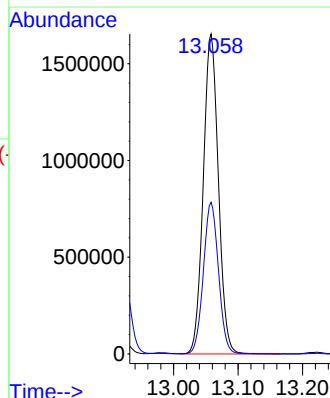
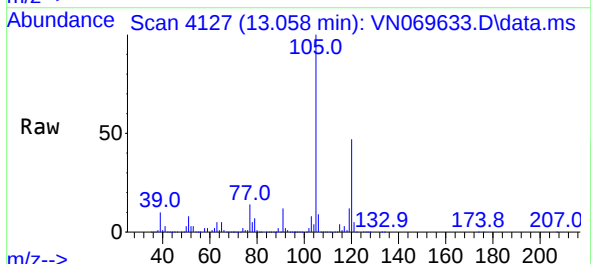
Manual Integrations
APPROVED

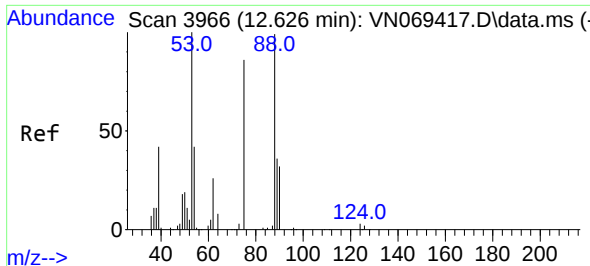
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#80
1,3,5-Trimethylbenzene
Concen: 54.314 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

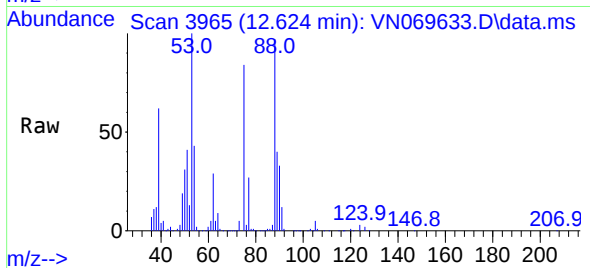
Tgt Ion:105 Resp: 2691349
Ion Ratio Lower Upper
105 100
120 47.3 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 45.457 ug/l
RT: 12.624 min Scan# 3966
Delta R.T. -0.002 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

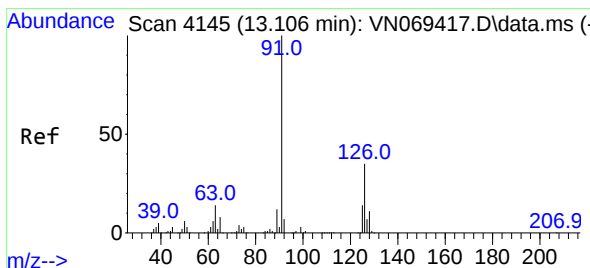
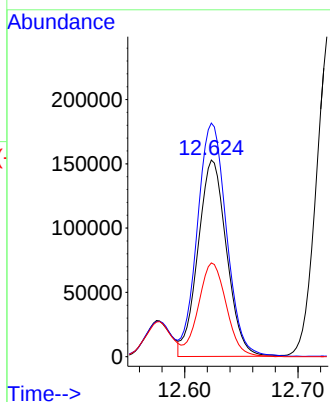
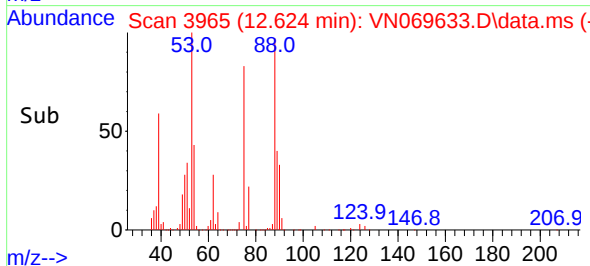
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



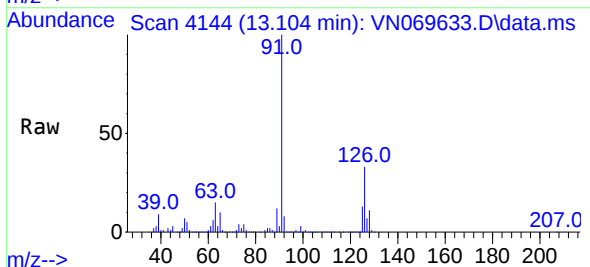
Tgt Ion: 75 Resp: 267759
Ion Ratio Lower Upper
75 100
53 121.2 90.5 135.7
89 46.7 38.2 57.4

Manual Integrations
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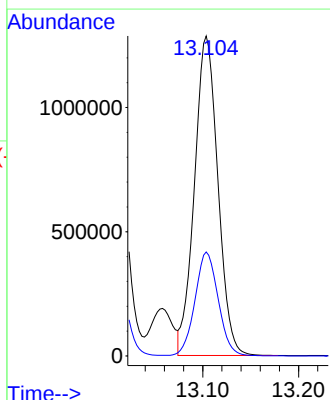
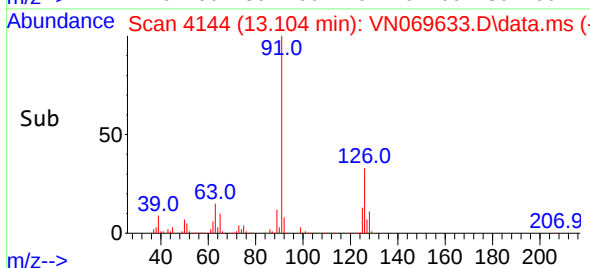
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

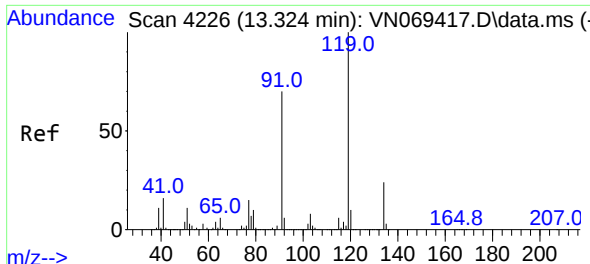


#82
4-Chlorotoluene
Concen: 53.741 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.002 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22



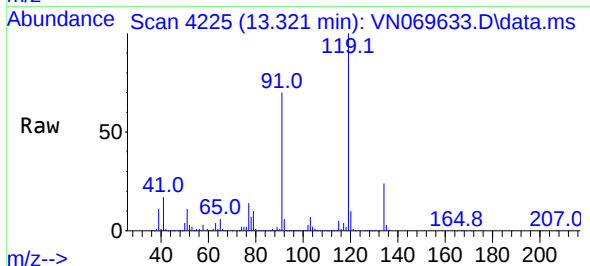
Tgt Ion: 91 Resp: 2187726
Ion Ratio Lower Upper
91 100
126 32.3 18.2 54.6





#83
tert-Butylbenzene
Concen: 54.502 ug/l
RT: 13.321 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

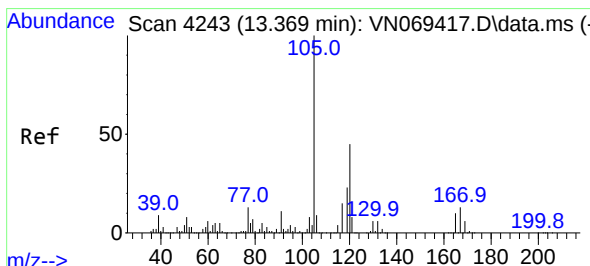
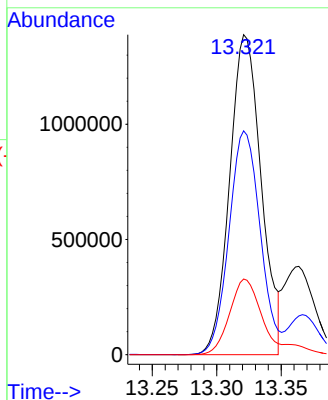
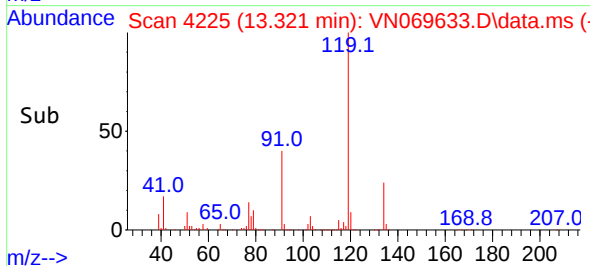
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



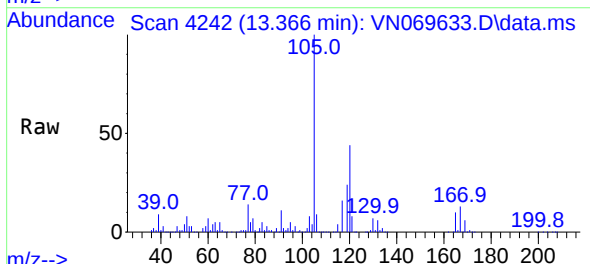
Tgt Ion:119 Resp: 236665
Ion Ratio Lower Upper
119 100
91 69.5 31.5 94.5
134 25.9 12.4 37.4

Manual Integrations
APPROVED

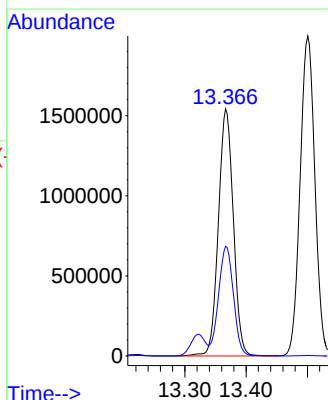
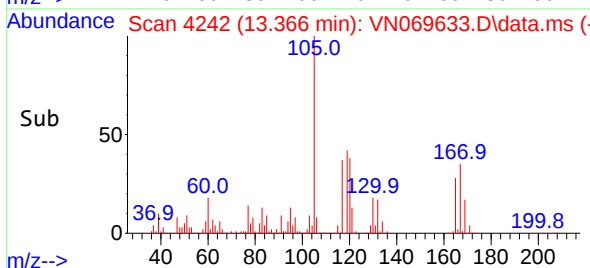
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

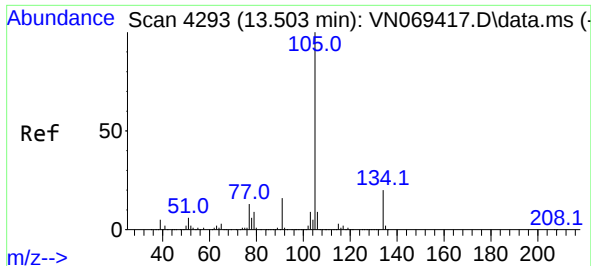


#84
1,2,4-Trimethylbenzene
Concen: 54.553 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22



Tgt Ion:105 Resp: 2609665
Ion Ratio Lower Upper
105 100
120 44.2 22.8 68.4





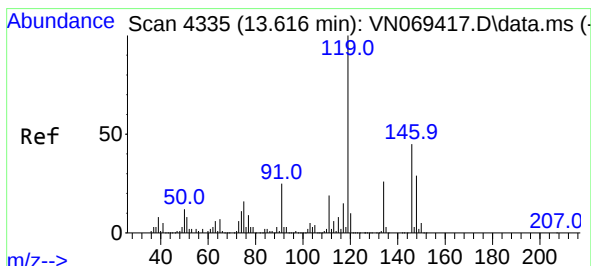
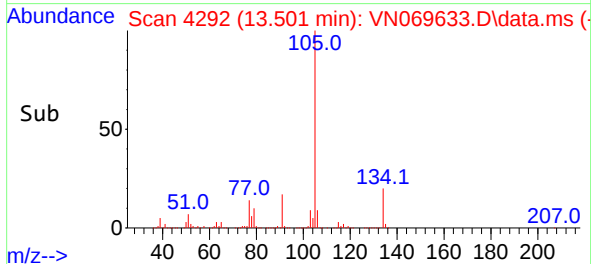
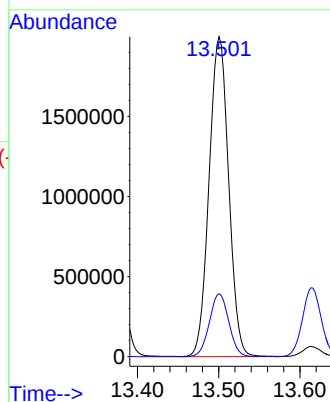
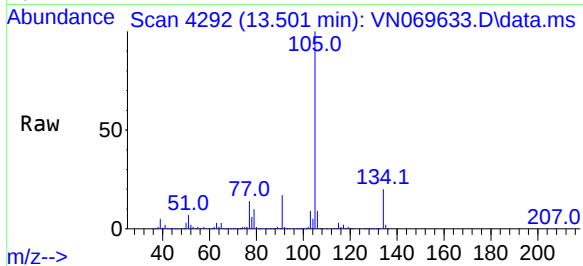
#85
 sec-Butylbenzene
 Concen: 55.048 ug/l
 RT: 13.501 min Scan# 41
 Delta R.T. -0.002 min
 Lab File: VN069633.D
 Acq: 24 Nov 2021 10:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 333913
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

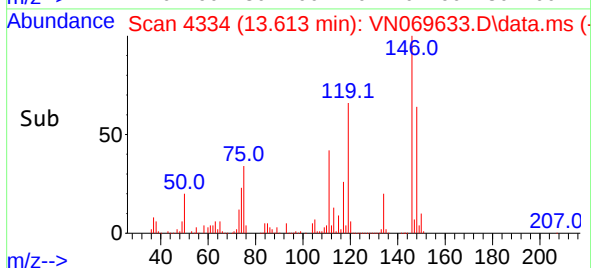
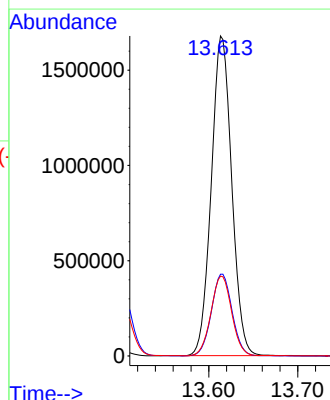
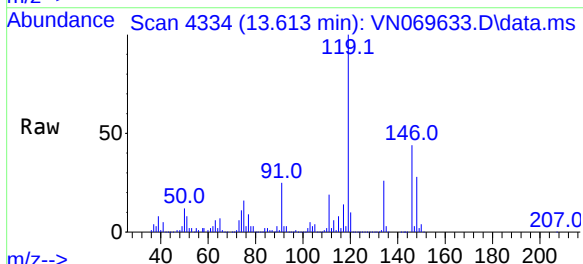
Manual Integrations
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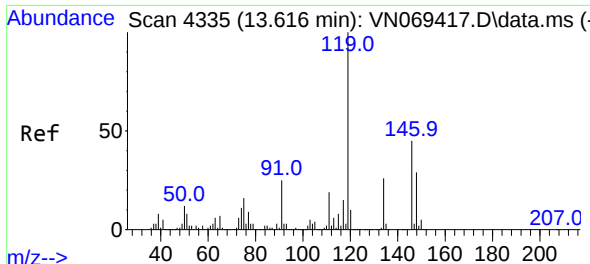
Reviewed By :John Carlone 11/26/2021
 Supervised By :Mahesh Dadoda 11/26/2021



#86
 p-Isopropyltoluene
 Concen: 55.466 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. -0.003 min
 Lab File: VN069633.D
 Acq: 24 Nov 2021 10:22

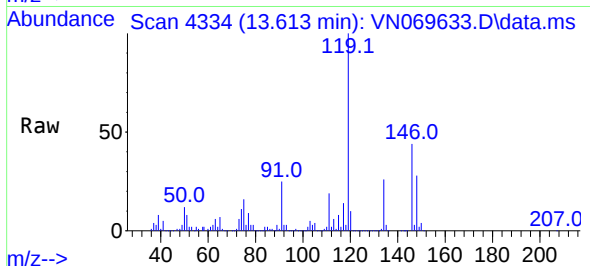
Tgt Ion:119 Resp: 2670863
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.6 40.7
 91 25.2 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 53.774 ug/l
RT: 13.613 min Scan# 4335
Delta R.T. -0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

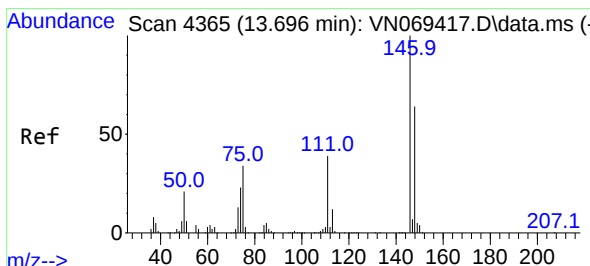
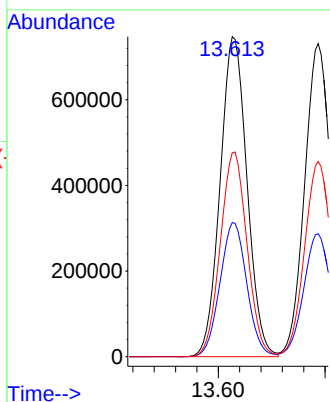
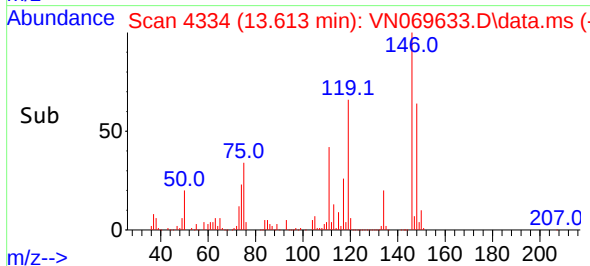
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



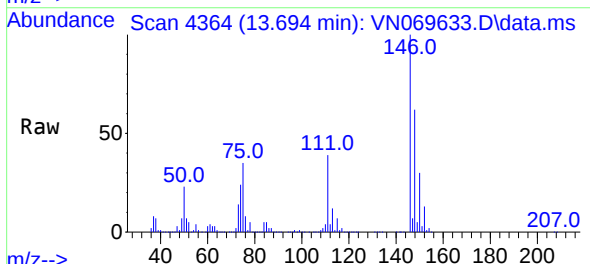
Tgt Ion:146 Resp: 130692
Ion Ratio Lower Upper
146 100
111 41.9 18.6 55.6
148 63.7 31.6 95.0

Manual Integrations
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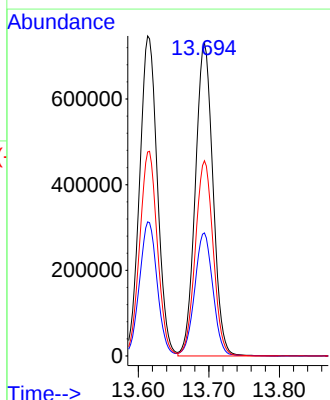
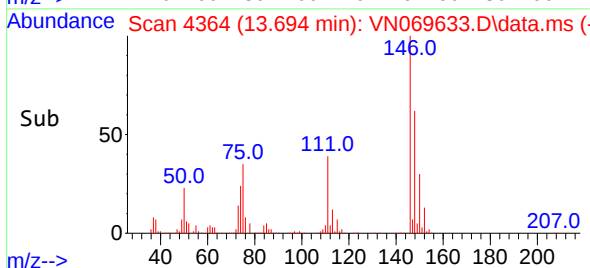
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

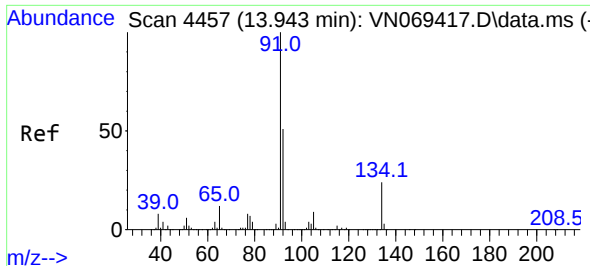


#88
1,4-Dichlorobenzene
Concen: 53.297 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22



Tgt Ion:146 Resp: 1270754
Ion Ratio Lower Upper
146 100
111 40.2 18.3 54.8
148 63.2 31.8 95.4





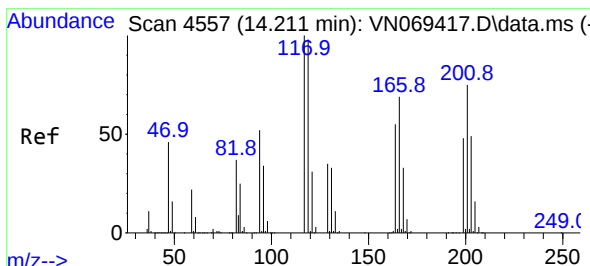
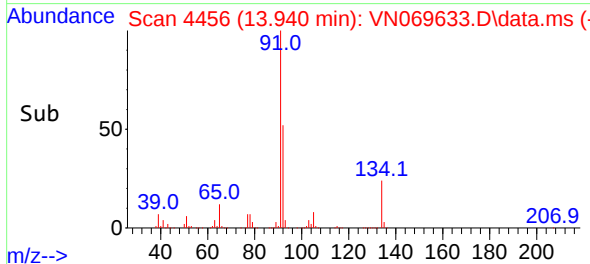
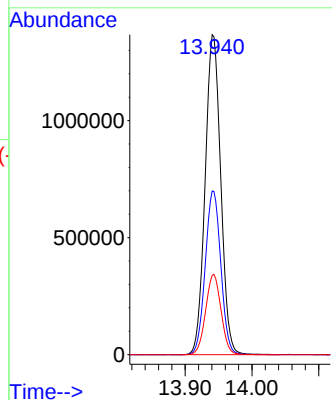
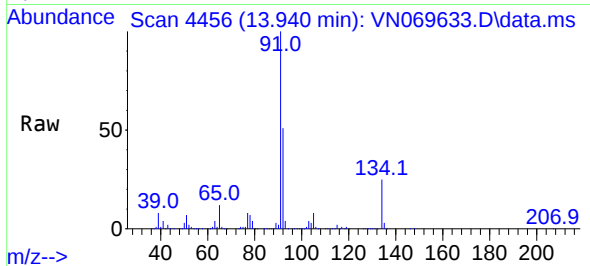
#89
n-Butylbenzene
Concen: 55.272 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. -0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 2219500
Ion Ratio Lower Upper
91 100
92 51.1 25.4 76.0
134 24.8 13.6 40.8

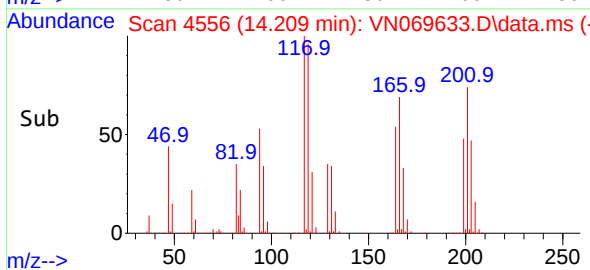
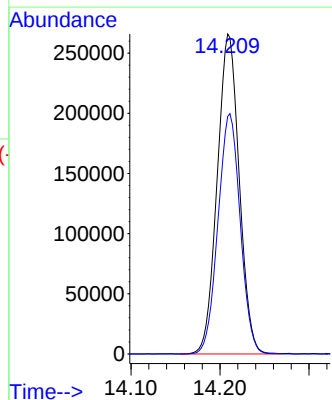
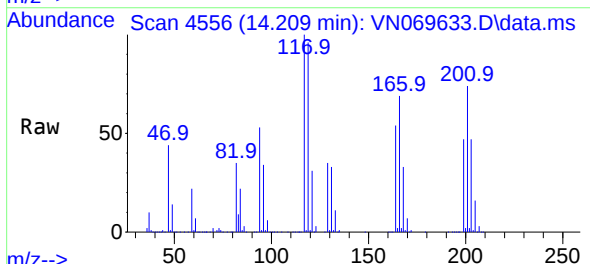
Manual Integrations
APPROVED

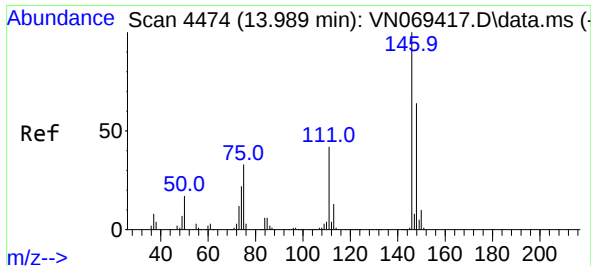
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#90
Hexachloroethane
Concen: 51.657 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.002 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

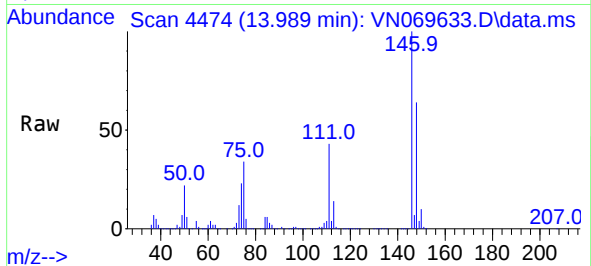
Tgt Ion:117 Resp: 457879
Ion Ratio Lower Upper
117 100
201 75.7 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 54.202 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

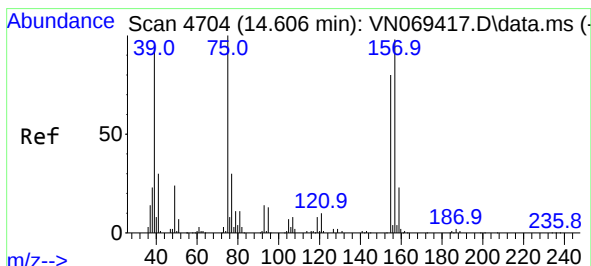
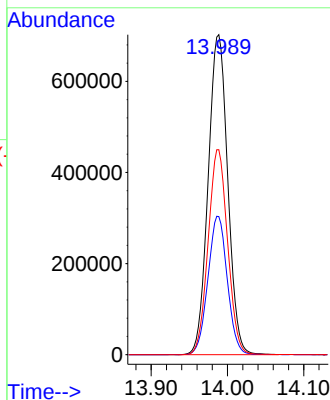
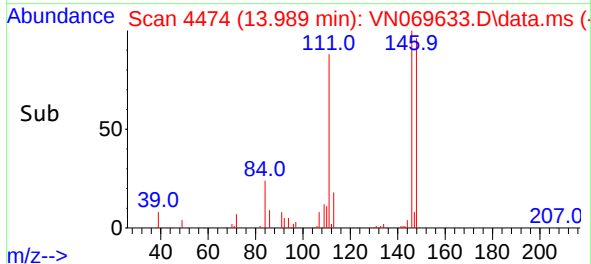
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



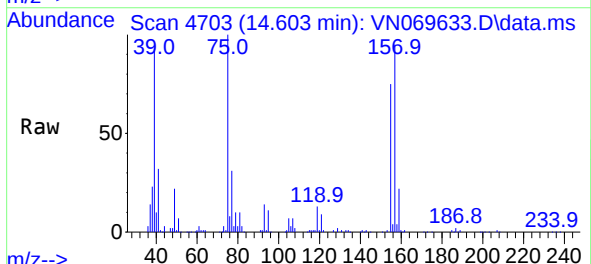
Tgt Ion:146 Resp: 1253514
Ion Ratio Lower Upper
146 100
111 42.7 19.1 57.3
148 63.7 32.1 96.3

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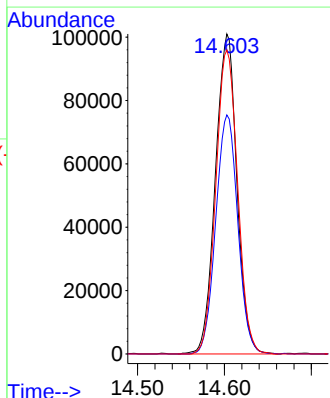
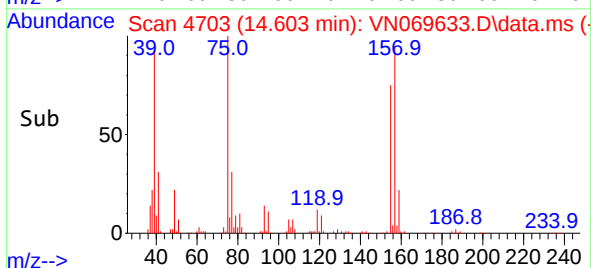
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

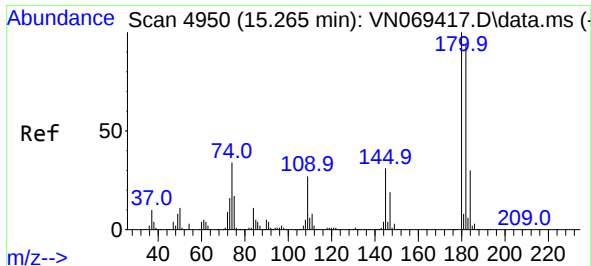


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.346 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22



Tgt Ion: 75 Resp: 173620
Ion Ratio Lower Upper
75 100
155 76.7 46.9 140.7
157 96.4 60.6 181.7





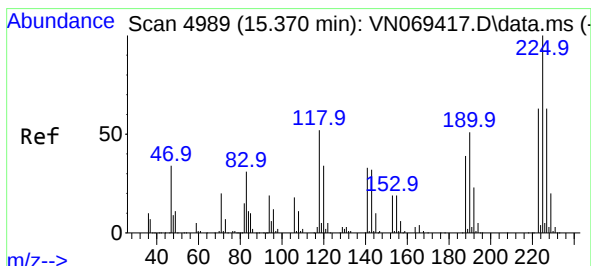
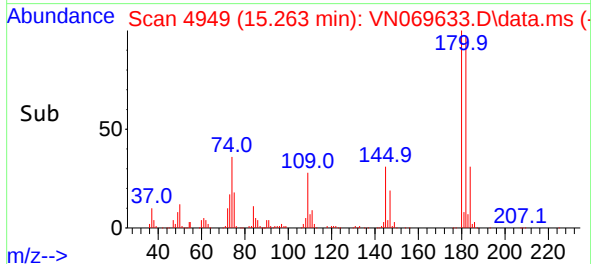
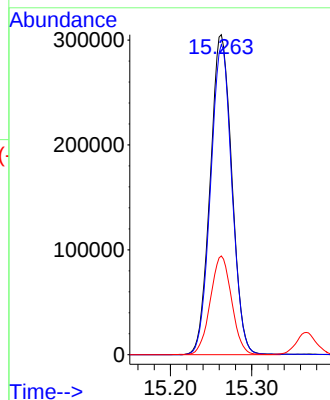
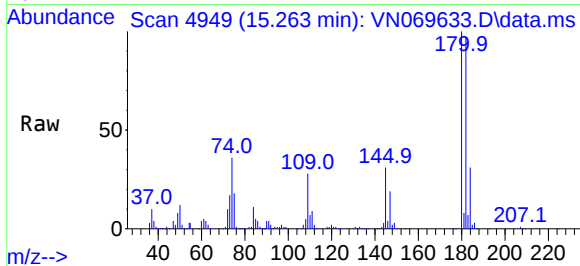
#93
1,2,4-Trichlorobenzene
Concen: 46.721 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 56350
Ion Ratio Lower Upper
180 100
182 95.3 48.3 144.9
145 30.5 14.5 43.5

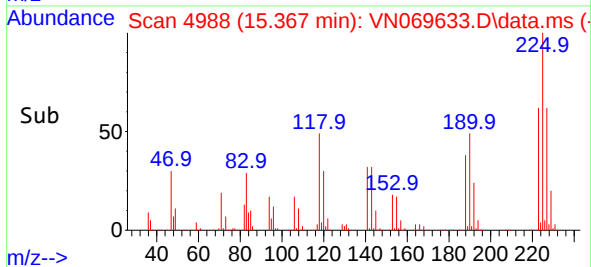
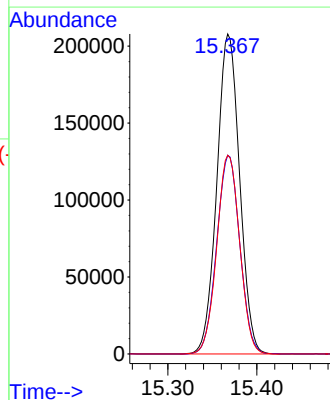
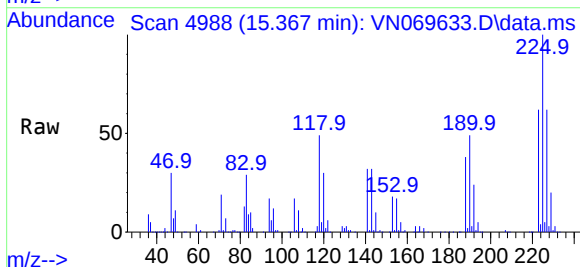
Manual Integrations
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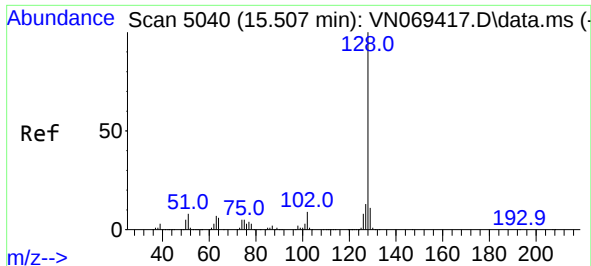
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#94
Hexachlorobutadiene
Concen: 61.552 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. -0.003 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

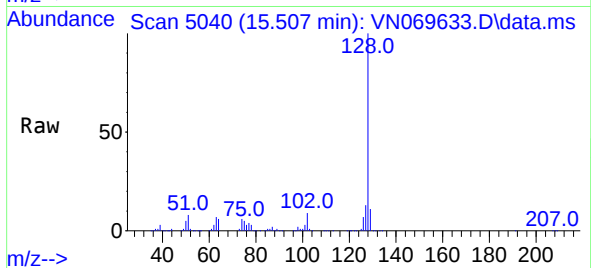
Tgt Ion:225 Resp: 369870
Ion Ratio Lower Upper
225 100
223 63.1 31.9 95.7
227 62.6 32.1 96.3





#95
Naphthalene
Concen: 37.926 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22

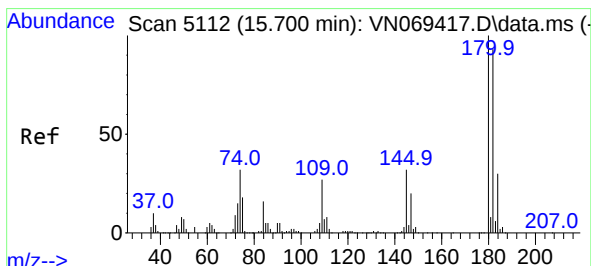
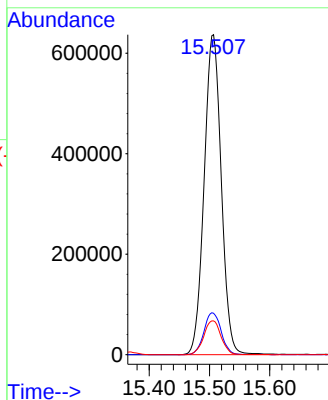
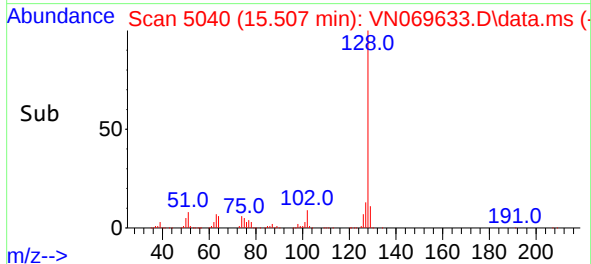
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



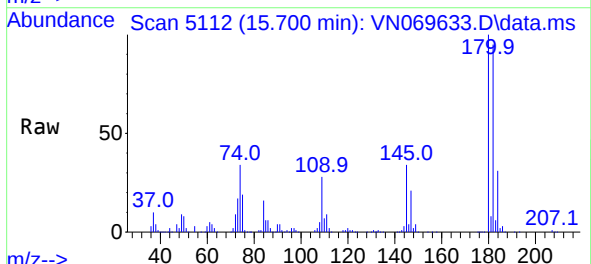
Tgt Ion:128 Resp: 1255770
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#96
1,2,3-Trichlorobenzene
Concen: 45.147 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN069633.D
Acq: 24 Nov 2021 10:22



Tgt Ion:180 Resp: 519330
Ion Ratio Lower Upper
180 100
182 95.3 47.4 142.2
145 33.7 15.0 45.1

