

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111921\
 Data File : VN069582.D
 Acq On : 19 Nov 2021 11:22
 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 11/22/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Quant Time: Nov 19 11:39:22 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	8.086	168	1133042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1838047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1728264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	760857	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	841719	51.235	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.480%	
35) Dibromofluoromethane	8.021	113	603674	54.761	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 109.520%	
50) Toluene-d8	10.441	98	2278645	52.556	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.120%	
62) 4-Bromofluorobenzene	12.731	95	886848	55.680	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 111.360%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	586461	48.448	ug/l	99
3) Chloromethane	2.303	50	621090	44.243	ug/l	98
4) Vinyl Chloride	2.448	62	631863	44.952	ug/l	99
5) Bromomethane	2.837	94	460859	50.483	ug/l	99
6) Chloroethane	3.011	64	397584	41.905	ug/l	97
7) Trichlorofluoromethane	3.371	101	927803	42.708	ug/l	99
8) Diethyl Ether	3.821	74	354118	50.382	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.205	101	539992	52.768	ug/l	96
10) Methyl Iodide	4.417	142	666788	53.124	ug/l	98
11) Tert butyl alcohol	5.385	59	708963	239.486	ug/l	98
12) 1,1-Dichloroethene	4.178	96	463185	50.438	ug/l	91
13) Acrolein	4.039	56	118436	283.405	ug/l	98
14) Allyl chloride	4.838	41	1058304	52.124	ug/l	94
15) Acrylonitrile	5.554	53	2014988	265.796	ug/l	99
16) Acetone	4.285	43	2313749	261.031	ug/l	97
17) Carbon Disulfide	4.524	76	890706	41.032	ug/l	99
18) Methyl Acetate	4.854	43	1453411	50.442	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	2082118	53.574	ug/l	96
20) Methylene Chloride	5.093	84	612835	48.757	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	511282	49.847	ug/l	87
22) Diisopropyl ether	6.495	45	2355807	53.865	ug/l	96
23) Vinyl Acetate	6.434	43	9235201	273.014	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1159865	52.067	ug/l	98
25) 2-Butanone	7.335	43	3129493	260.739	ug/l	93
26) 2,2-Dichloropropane	7.324	77	928503	53.273	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	665084	52.307	ug/l	87
28) Bromochloromethane	7.657	49	578881	50.744	ug/l #	80
29) Tetrahydrofuran	7.686	42	1894032	257.146	ug/l	90
30) Chloroform	7.818	83	1203255	52.687	ug/l	100
31) Cyclohexane	8.094	56	1016334	45.282	ug/l	91
32) 1,1,1-Trichloroethane	8.016	97	1008495	52.904	ug/l	96
36) 1,1-Dichloropropene	8.220	75	825194	53.355	ug/l	96
37) Ethyl Acetate	7.413	43	1195578	57.186	ug/l	96
38) Carbon Tetrachloride	8.206	117	821931	55.046	ug/l	100
39) Methylcyclohexane	9.459	83	992226	51.573	ug/l	91
40) Benzene	8.459	78	2514297	52.668	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	626911	58.033	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	1031095	55.161	ug/l	97
43) Isopropyl Acetate	8.560	43	1864575	55.525	ug/l #	94
44) Trichloroethene	9.215	130	624733	54.681	ug/l	93
45) 1,2-Dichloropropane	9.491	63	709511	55.629	ug/l	100
46) Dibromomethane	9.577	93	465856	54.531	ug/l	92
47) Bromodichloromethane	9.762	83	910967	57.144	ug/l	97
48) Methyl methacrylate	9.561	41	862668	54.603	ug/l	90
49) 1,4-Dioxane	9.569	88	298424	954.958	ug/l #	88
51) 4-Methyl-2-Pentanone	10.331	43	6156513	284.032	ug/l	95
52) Toluene	10.505	92	1615072	54.306	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	978972	49.949	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	1060664	51.305	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	682650	56.942	ug/l	98
56) Ethyl methacrylate	10.760	69	1141365	50.498	ug/l	87
57) 1,3-Dichloropropane	11.044	76	1162310	55.174	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1213568	212.647	ug/l	93
59) 2-Hexanone	11.084	43	4547503	248.526	ug/l	93
60) Dibromochloromethane	11.237	129	672364	51.045	ug/l	100
61) 1,2-Dibromoethane	11.344	107	684572	51.134	ug/l	99
64) Tetrachloroethene	10.977	164	556927	53.369	ug/l	96
65) Chlorobenzene	11.768	112	1774227	55.153	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.841	131	649260	58.188	ug/l	99
67) Ethyl Benzene	11.843	91	3282449	55.325	ug/l	96
68) m/p-Xylenes	11.953	106	2388633	109.466	ug/l	93
69) o-Xylene	12.280	106	1206602	55.466	ug/l	92
70) Styrene	12.294	104	2004575	51.283	ug/l	96
71) Bromoform	12.457	173	484148	49.974	ug/l #	99
73) Isopropylbenzene	12.578	105	3259089	53.798	ug/l	98
74) N-amyl acetate	12.388	43	1451619	56.542	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1080002	52.859	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	1055883m	60.134	ug/l	
77) Bromobenzene	12.860	156	746035	53.847	ug/l	79
78) n-propylbenzene	12.921	91	3747696	54.979	ug/l	96
79) 2-Chlorotoluene	13.007	91	2273483	53.866	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2669346	54.505	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	283129	48.229	ug/l	93
82) 4-Chlorotoluene	13.104	91	2211912	54.976	ug/l	93
83) tert-Butylbenzene	13.324	119	2357000	54.920	ug/l	93
84) 1,2,4-Trimethylbenzene	13.367	105	2634336	55.719	ug/l	98
85) sec-Butylbenzene	13.501	105	3339286	55.700	ug/l	98
86) p-Isopropyltoluene	13.616	119	2683817	56.392	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	1322535	55.059	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1269937	53.892	ug/l	97
89) n-Butylbenzene	13.943	91	2250644	56.709	ug/l	98
90) Hexachloroethane	14.211	117	451424	51.535	ug/l	86
91) 1,2-Dichlorobenzene	13.989	146	1264607	55.327	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	192555	50.665	ug/l	82
93) 1,2,4-Trichlorobenzene	15.263	180	609514	50.838	ug/l	99
94) Hexachlorobutadiene	15.370	225	344775	58.053	ug/l	100
95) Naphthalene	15.507	128	1697825	50.243	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	602755	52.465	ug/l	98

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ClientSampleId :
VSTDCCC050

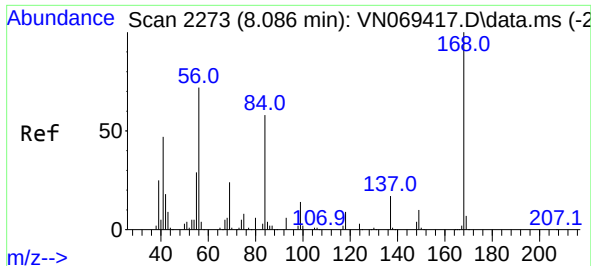
Manual Integrations
APPROVED

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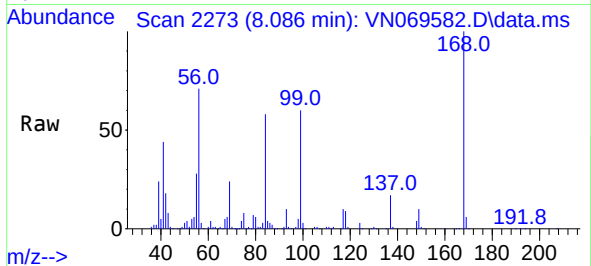
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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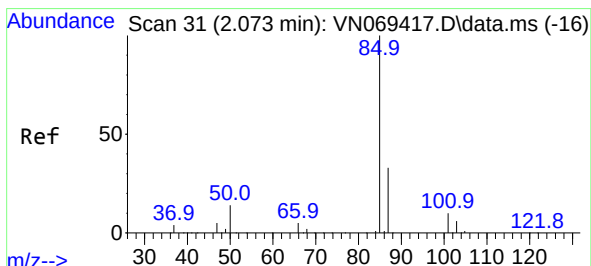
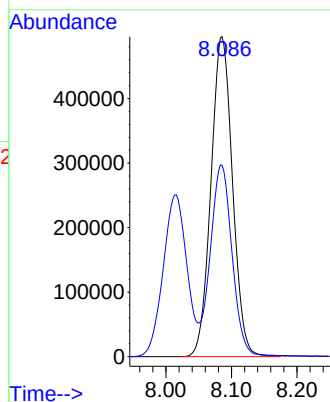
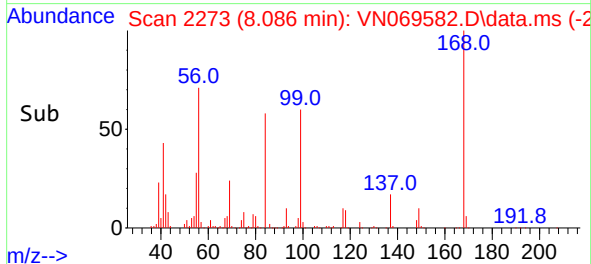
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 113304
Ion Ratio Lower Upper
168 100
99 59.5 41.3 61.9

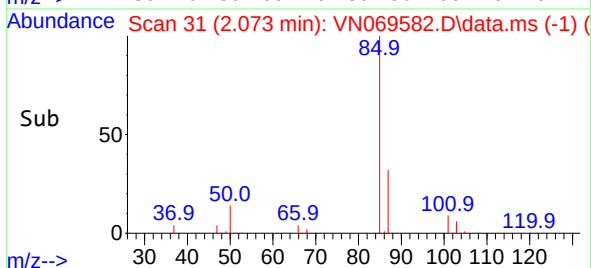
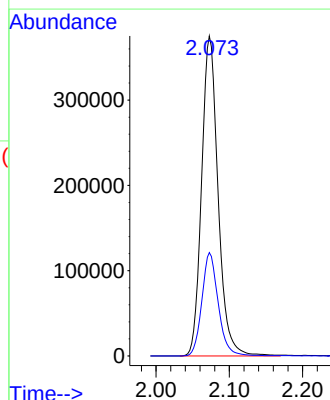
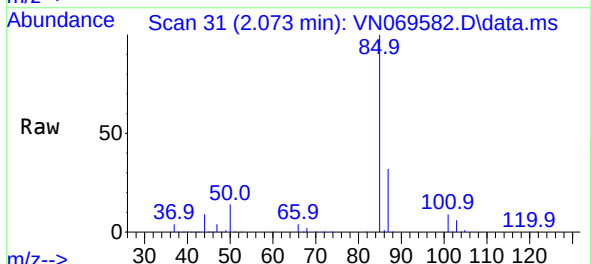
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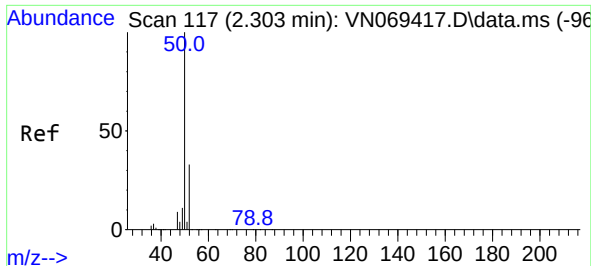
Reviewed By :John Carlone 11/22/2021
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#2
Dichlorodifluoromethane
Concen: 48.448 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

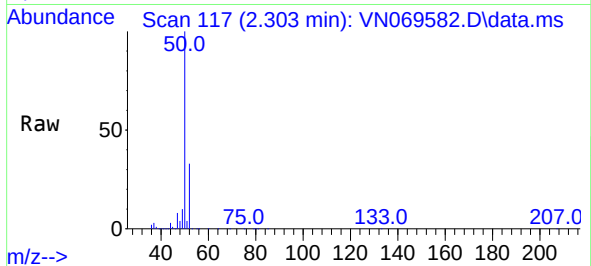
Tgt Ion: 85 Resp: 586461
Ion Ratio Lower Upper
85 100
87 32.3 16.3 48.9





#3
Chloromethane
Concen: 44.243 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

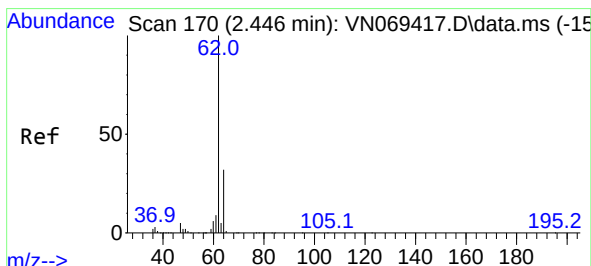
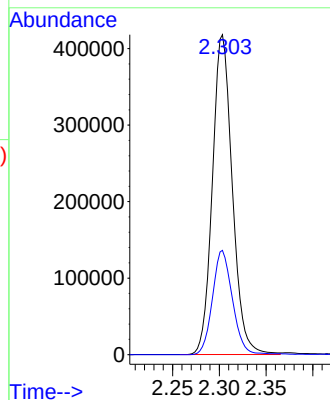
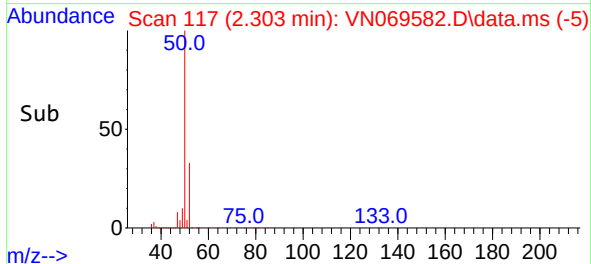
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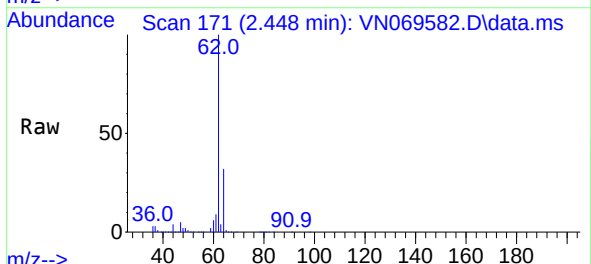
Tgt Ion: 50 Resp: 621090
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.0

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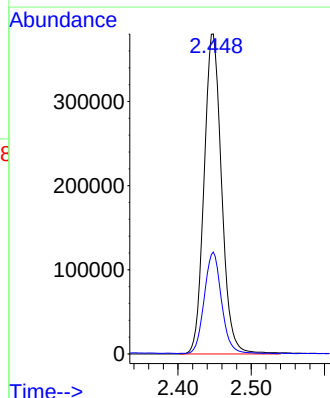
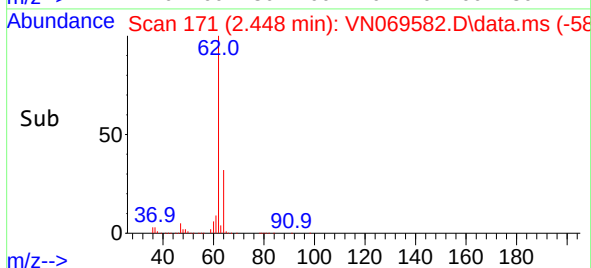
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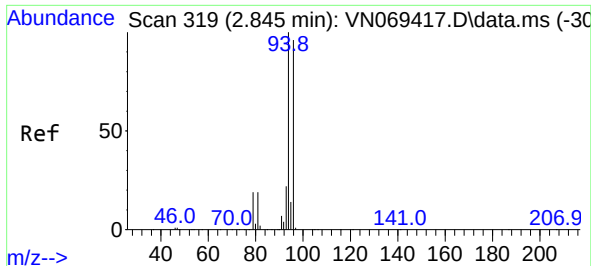


#4
Vinyl Chloride
Concen: 44.952 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.002 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22



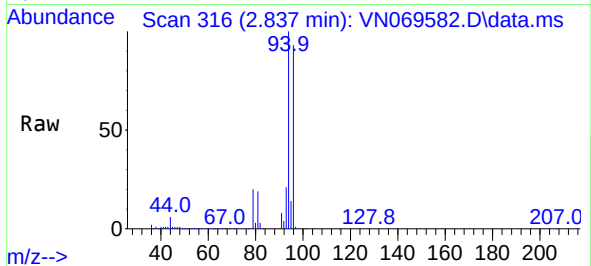
Tgt Ion: 62 Resp: 631863
Ion Ratio Lower Upper
62 100
64 31.7 25.8 38.6





#5
Bromomethane
Concen: 50.483 ug/l
RT: 2.837 min Scan# 319
Delta R.T. -0.008 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

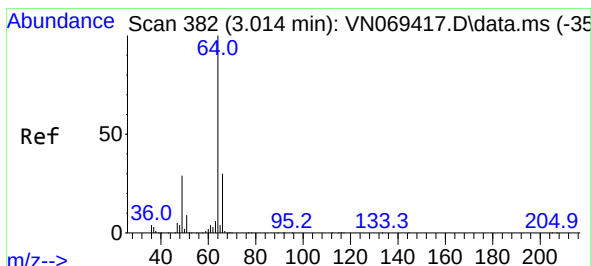
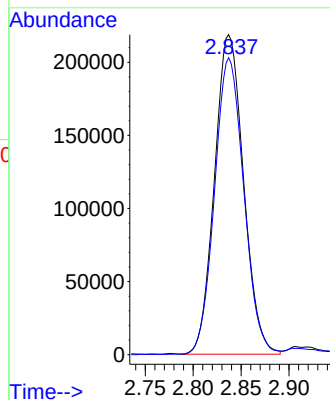
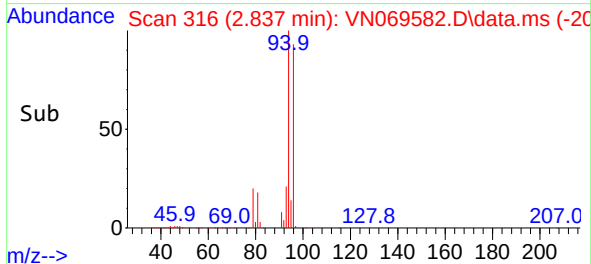
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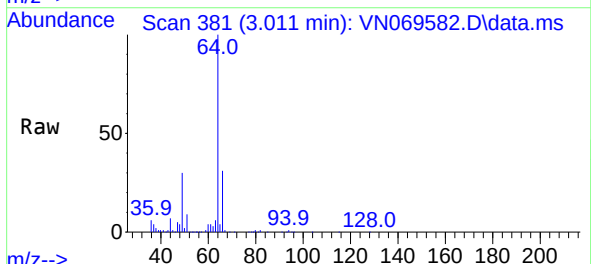
Tgt Ion: 94 Resp: 460859
Ion Ratio Lower Upper
94 100
96 92.8 73.8 110.8

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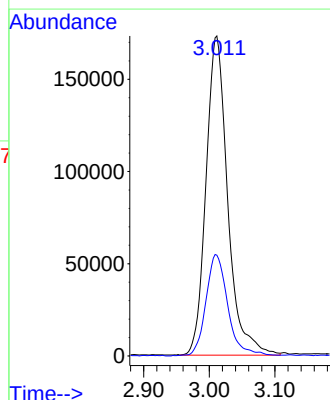
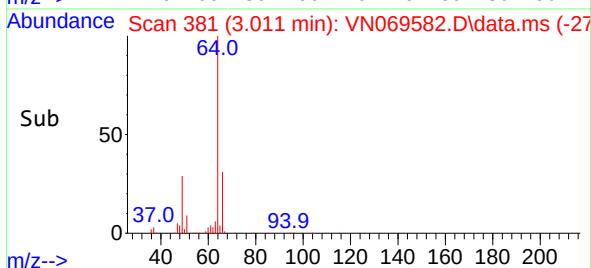
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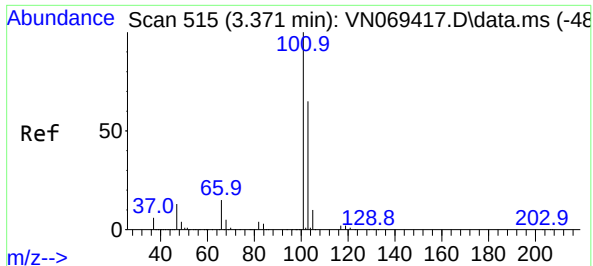


#6
Chloroethane
Concen: 41.905 ug/l
RT: 3.011 min Scan# 381
Delta R.T. -0.003 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22



Tgt Ion: 64 Resp: 397584
Ion Ratio Lower Upper
64 100
66 31.4 26.3 39.5





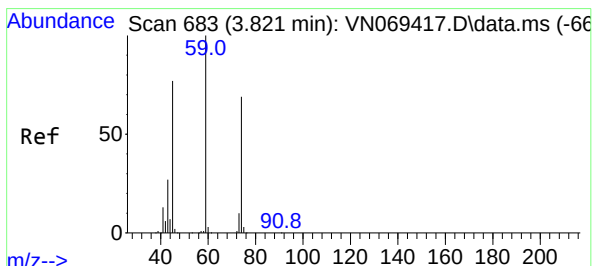
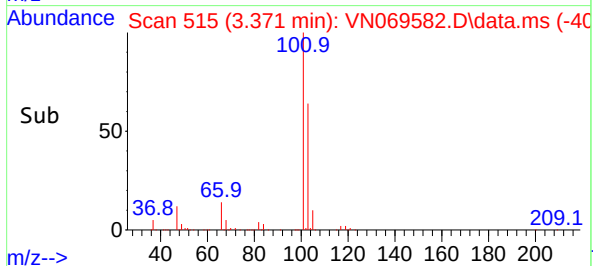
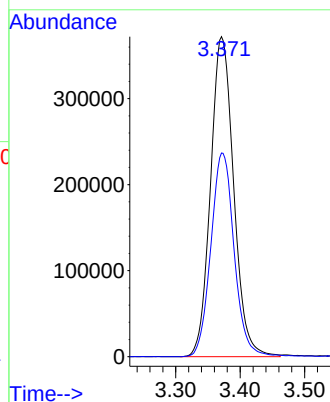
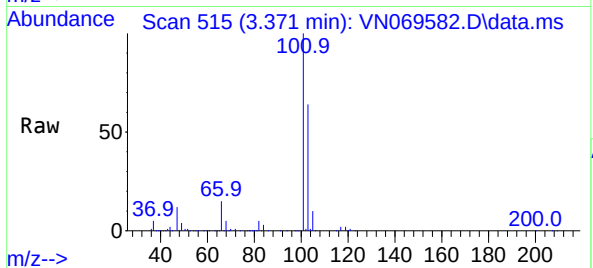
#7
Trichlorofluoromethane
Concen: 42.708 ug/l
RT: 3.371 min Scan# 515
Delta R.T. -0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 92780
Ion Ratio Lower Upper
101 100
103 63.7 50.1 75.1

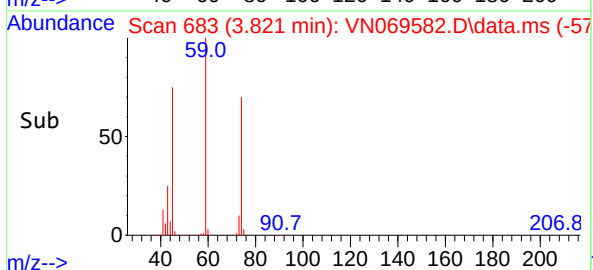
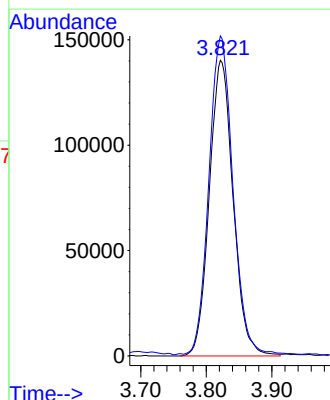
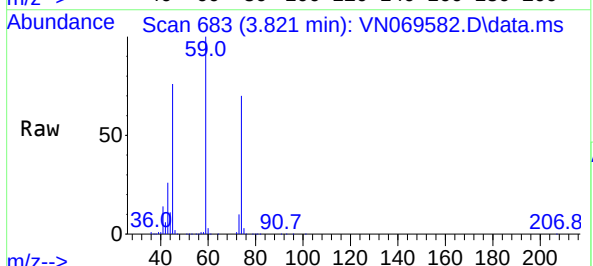
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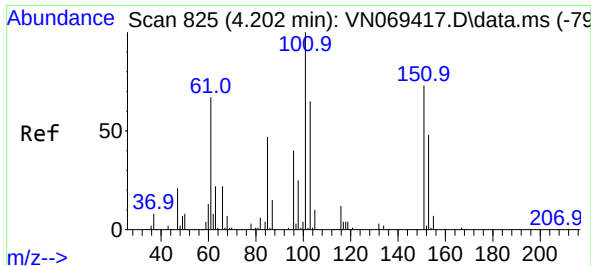
Reviewed By :John Carlone 11/22/2021
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#8
Diethyl Ether
Concen: 50.382 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

Tgt Ion: 74 Resp: 354118
Ion Ratio Lower Upper
74 100
45 107.3 47.0 141.2





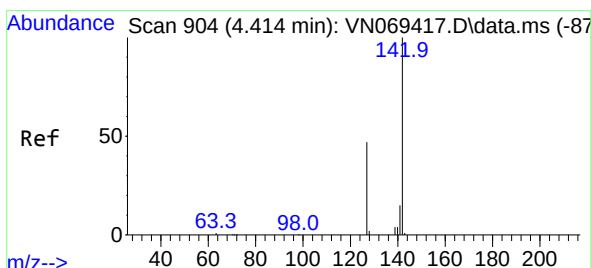
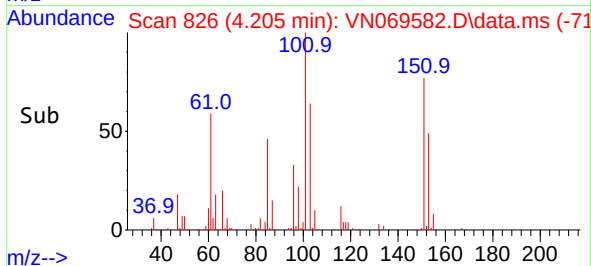
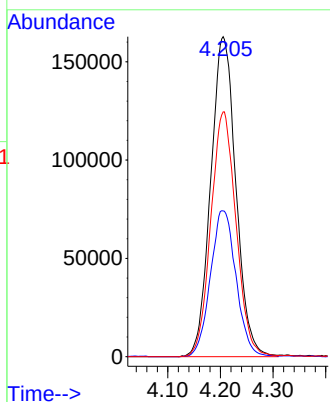
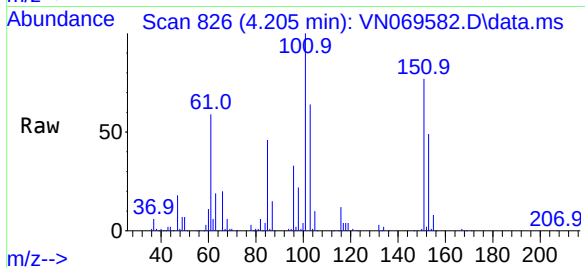
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.768 ug/l
RT: 4.205 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 539992
Ion Ratio Lower Upper
101 100
85 46.5 37.2 55.8
151 76.8 65.9 98.9

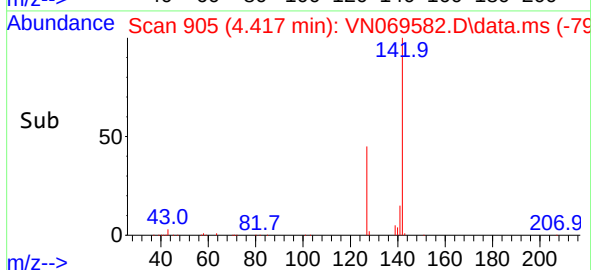
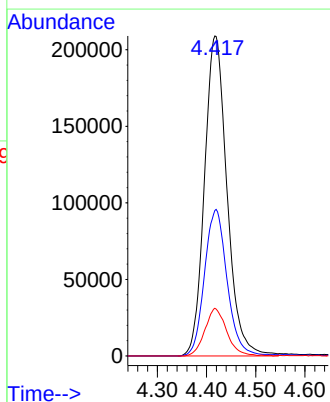
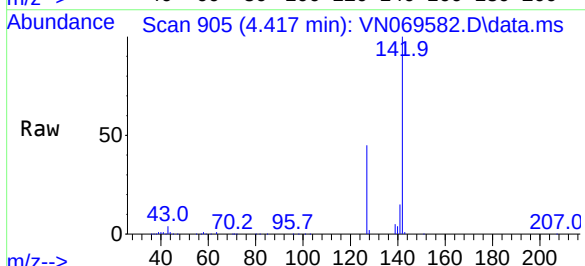
Manual Integrations
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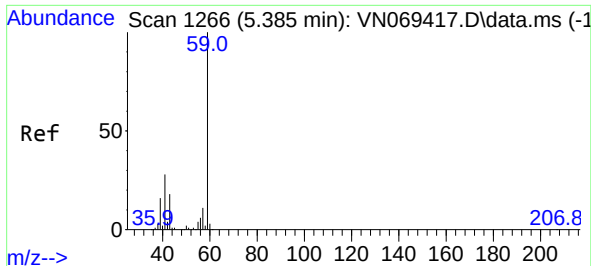
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#10
Methyl Iodide
Concen: 53.124 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

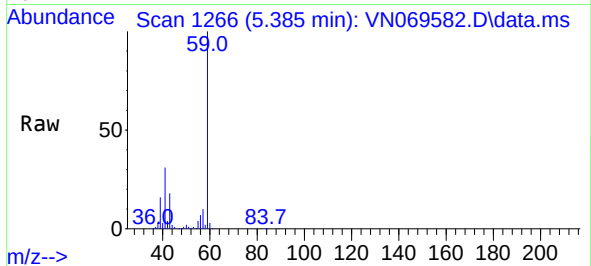
Tgt Ion:142 Resp: 666788
Ion Ratio Lower Upper
142 100
127 45.8 35.4 53.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 239.486 ug/l
RT: 5.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

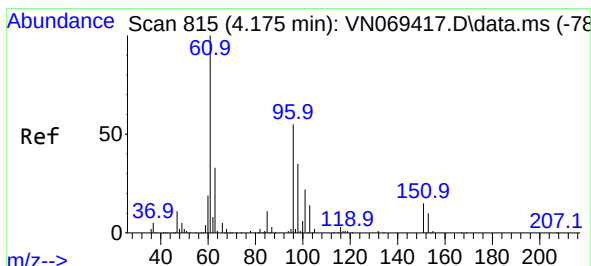
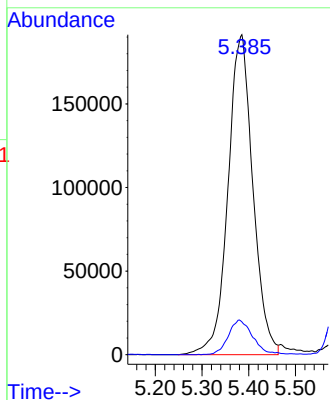
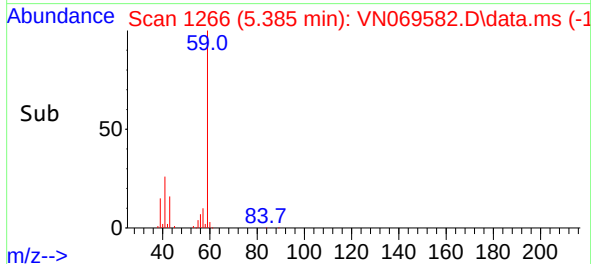
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



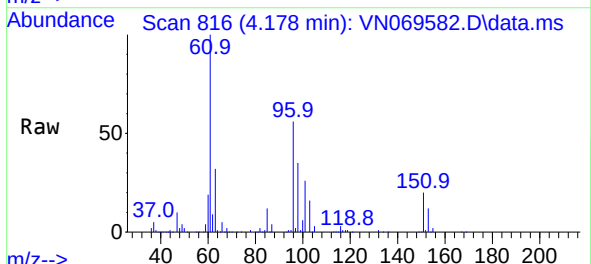
Tgt Ion: 59 Resp: 70896
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

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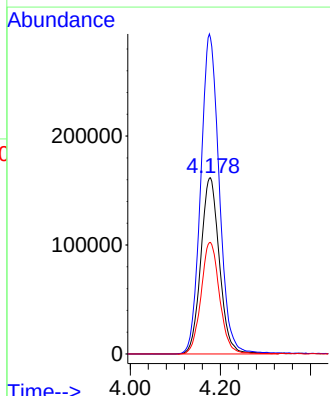
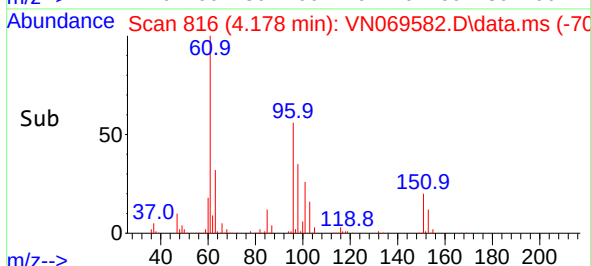
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

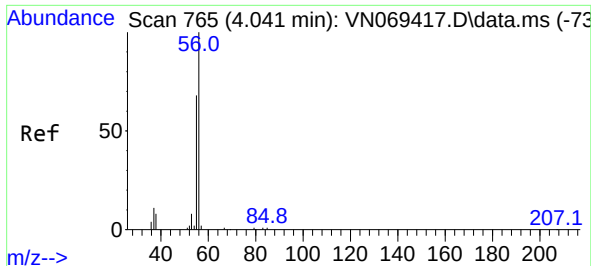


#12
1,1-Dichloroethene
Concen: 50.438 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22



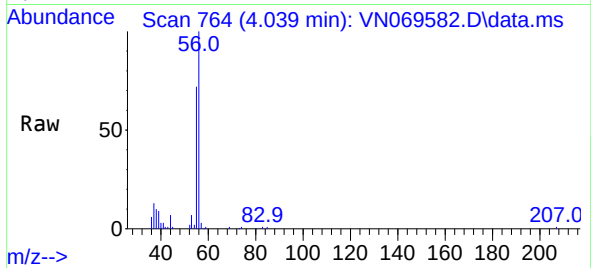
Tgt Ion: 96 Resp: 463185
Ion Ratio Lower Upper
96 100
61 179.2 131.0 196.6
98 63.3 52.4 78.6





#13
Acrolein
Concen: 283.405 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.002 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

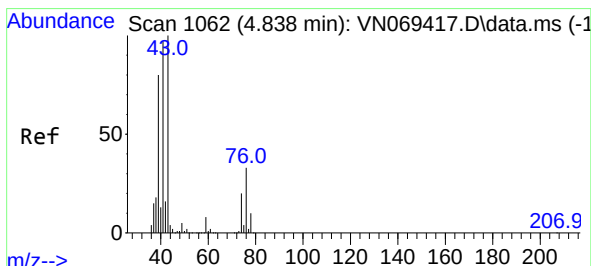
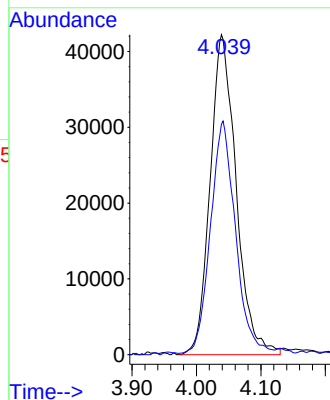
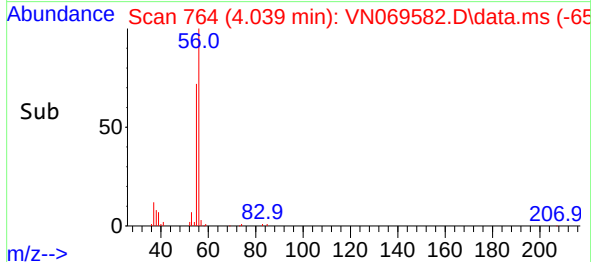
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



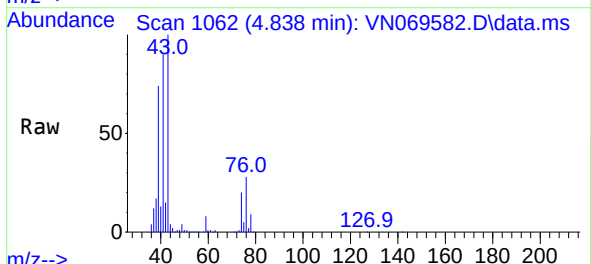
Tgt Ion: 56 Resp: 118436
Ion Ratio Lower Upper
56 100
55 69.4 56.6 85.0

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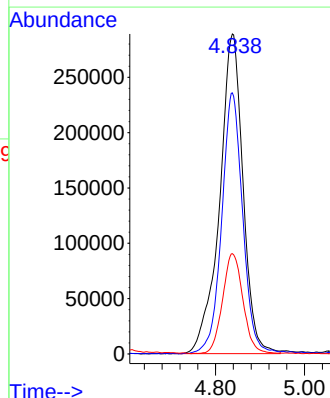
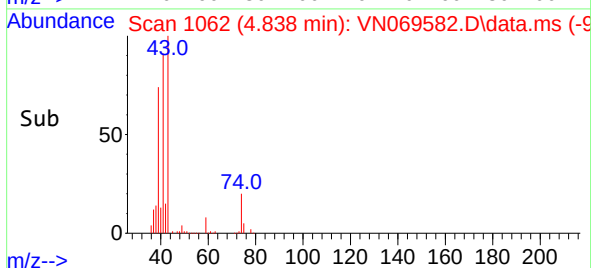
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

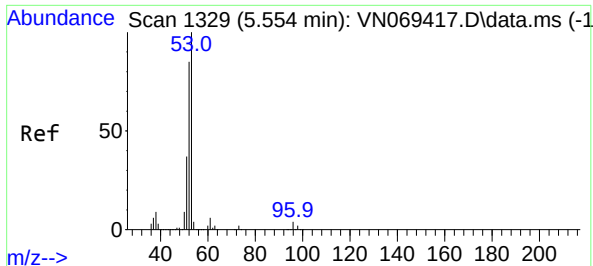


#14
Allyl chloride
Concen: 52.124 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22



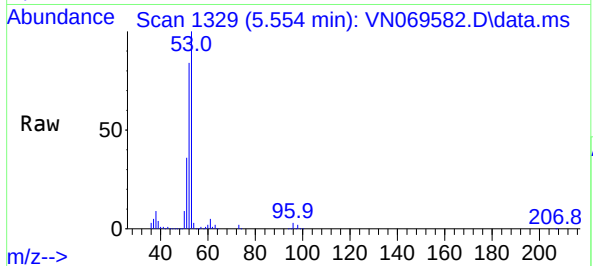
Tgt Ion: 41 Resp: 1058304
Ion Ratio Lower Upper
41 100
39 72.6 61.2 91.8
76 27.0 26.0 39.0





#15
Acrylonitrile
Concen: 265.796 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

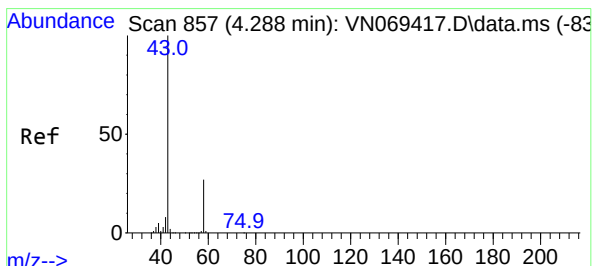
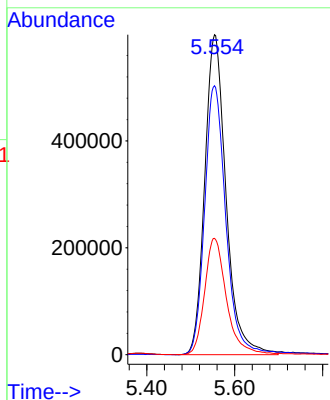
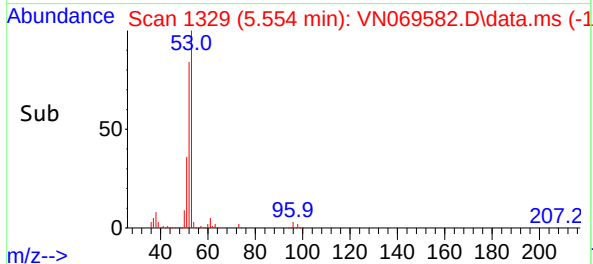


Tgt Ion: 53 Resp: 201498

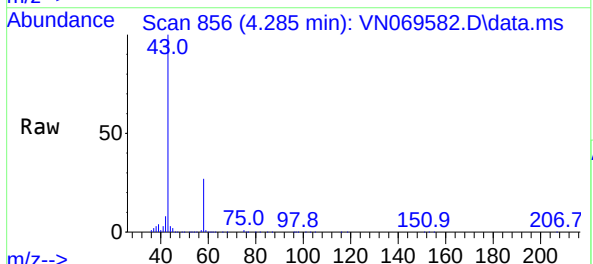
Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.2	99.2
51	37.2	29.6	44.4

Manual Integrations
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Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

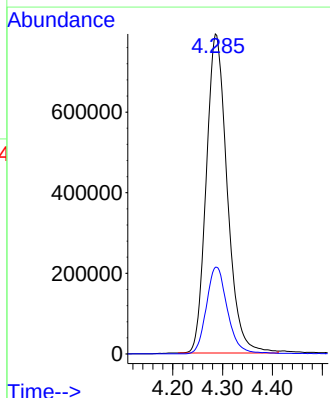
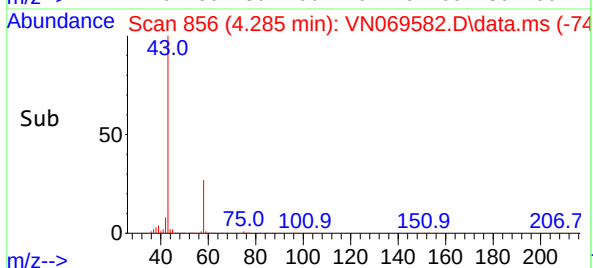


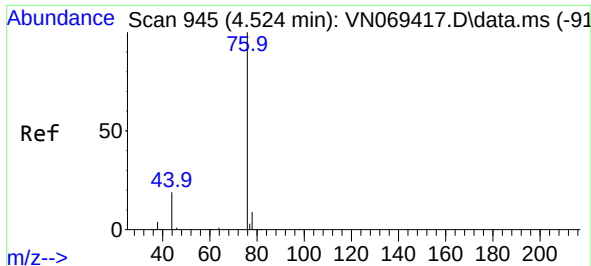
#16
Acetone
Concen: 261.031 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.003 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22



Tgt Ion: 43 Resp: 2313749

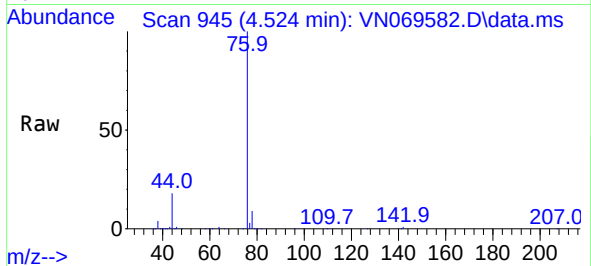
Ion	Ratio	Lower	Upper
43	100		
58	27.1	23.1	34.7





#17
Carbon Disulfide
Concen: 41.032 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

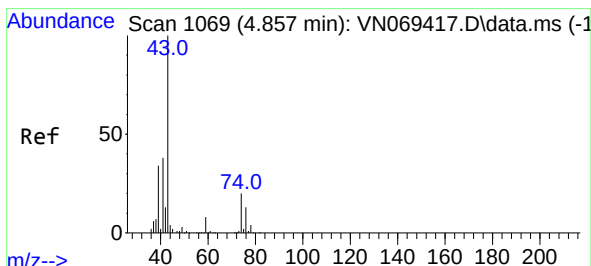
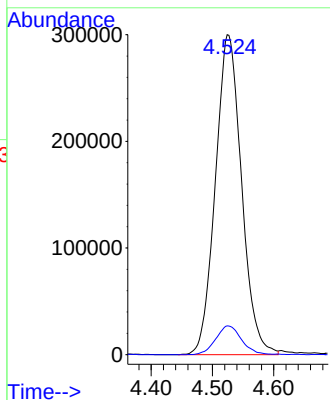
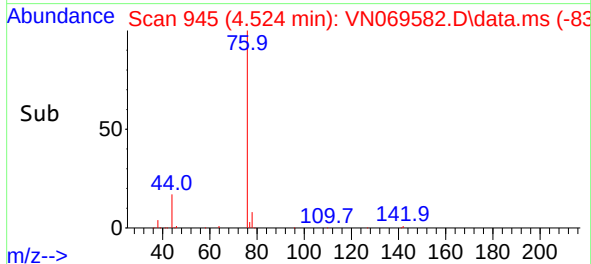
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



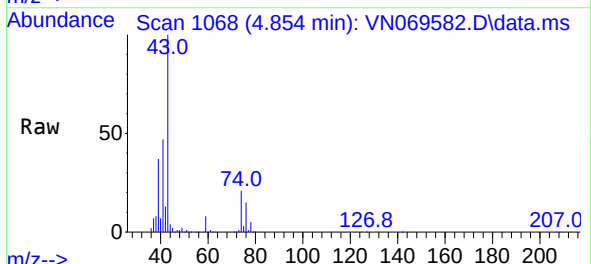
Tgt Ion: 76 Resp: 890700
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

Manual Integrations
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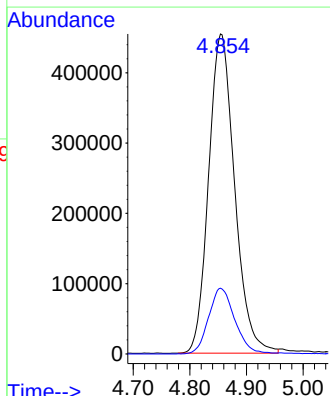
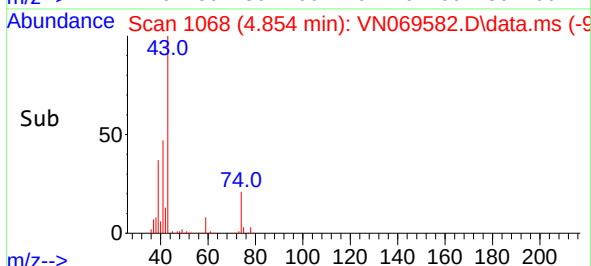
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

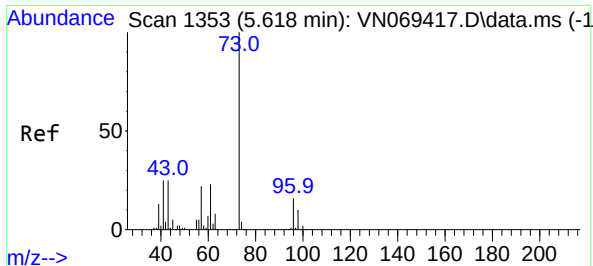


#18
Methyl Acetate
Concen: 50.442 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22



Tgt Ion: 43 Resp: 1453411
Ion Ratio Lower Upper
43 100
74 20.8 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 53.574 ug/l

RT: 5.618 min Scan# 1157

Delta R.T. 0.000 min

Lab File: VN069582.D

Acq: 19 Nov 2021 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 2082118

Ion Ratio Lower Upper

73 100

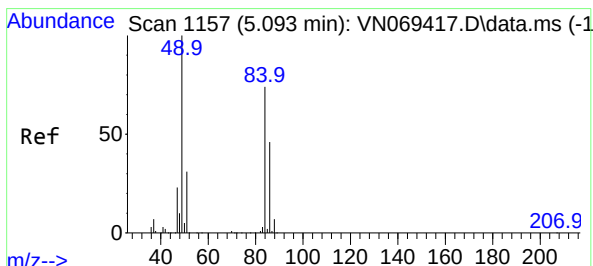
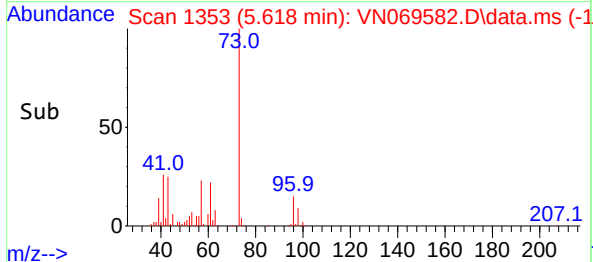
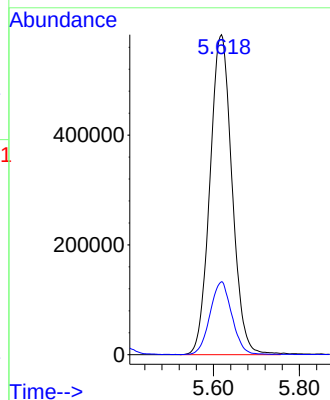
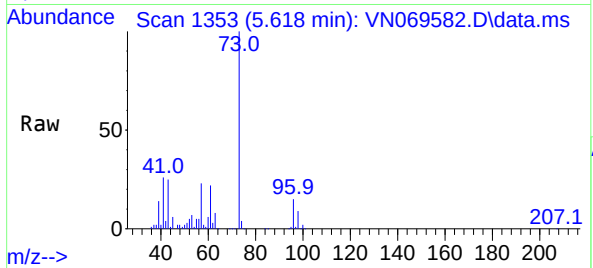
57 22.7 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2021

Supervised By :Mahesh Dadoda 11/26/2021



#20

Methylene Chloride

Concen: 48.757 ug/l

RT: 5.093 min Scan# 1157

Delta R.T. -0.000 min

Lab File: VN069582.D

Acq: 19 Nov 2021 11:22

Tgt Ion: 84 Resp: 612835

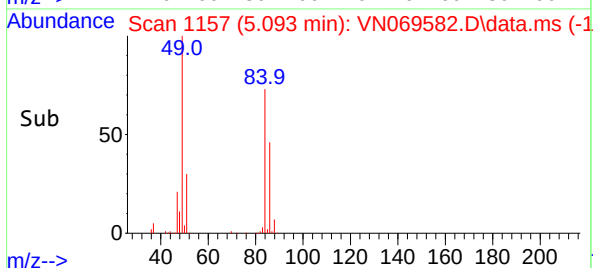
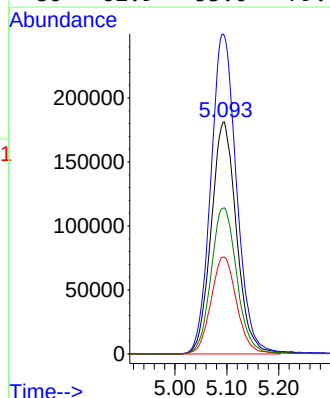
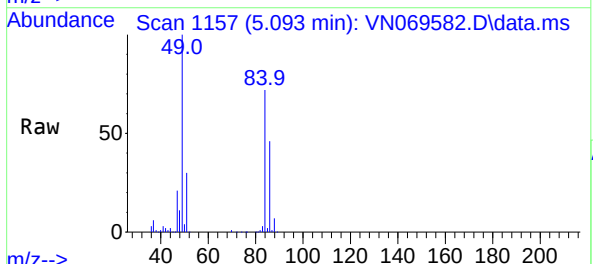
Ion Ratio Lower Upper

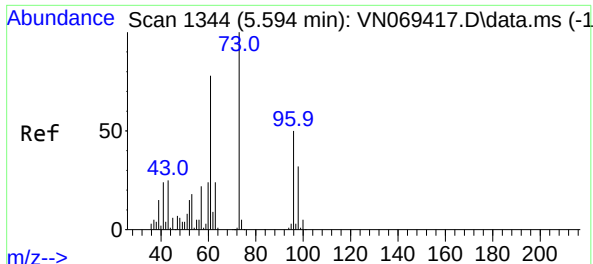
84 100

49 137.9 93.5 140.3

51 41.7 29.4 44.2

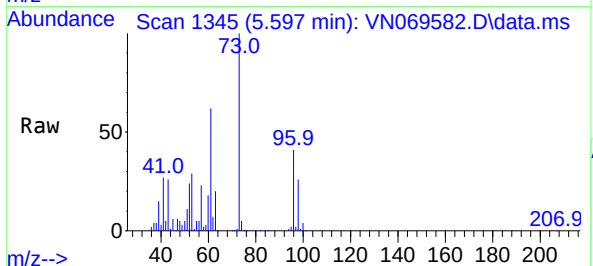
86 62.9 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 49.847 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

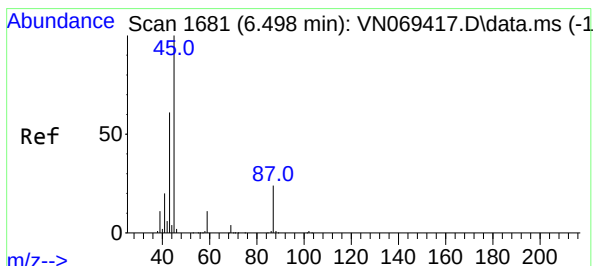
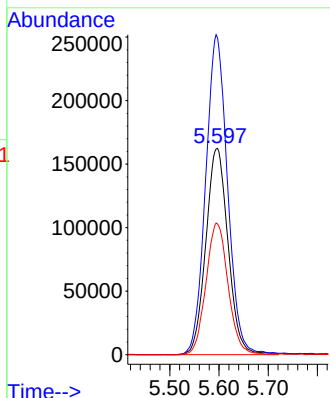
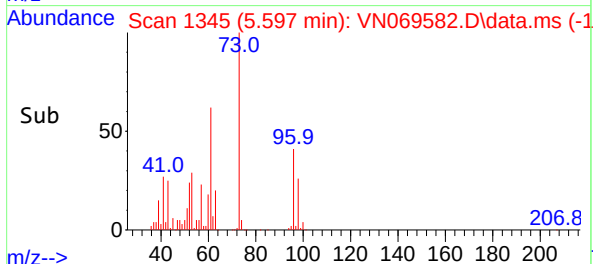
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



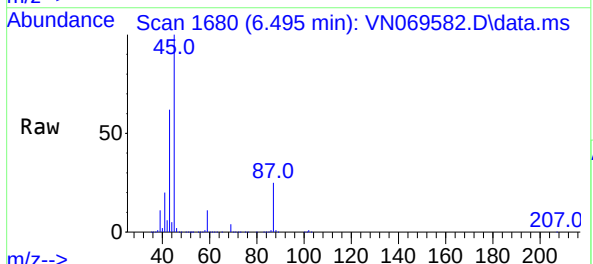
Tgt Ion: 96 Resp: 51128
Ion Ratio Lower Upper
96 100
61 153.4 105.8 158.6
98 63.4 52.0 78.0

Manual Integrations
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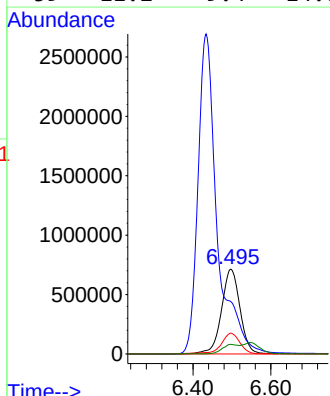
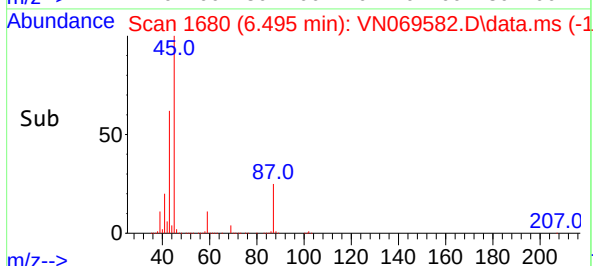
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

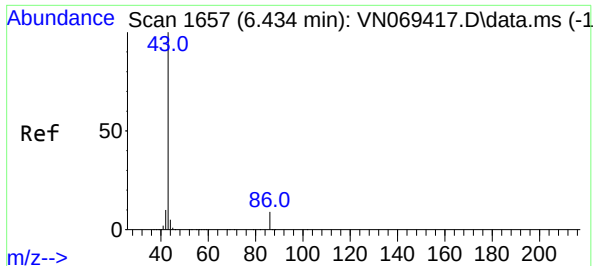


#22
Diisopropyl ether
Concen: 53.865 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22



Tgt Ion: 45 Resp: 2355807
Ion Ratio Lower Upper
45 100
43 62.2 51.7 77.5
87 24.4 23.2 34.8
59 11.2 9.4 14.0





#23

Vinyl Acetate

Concen: 273.014 ug/l

RT: 6.434 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN069582.D

Acq: 19 Nov 2021 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 923520

Ion Ratio Lower Upper

43 100

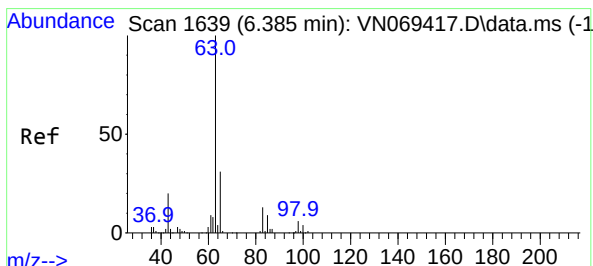
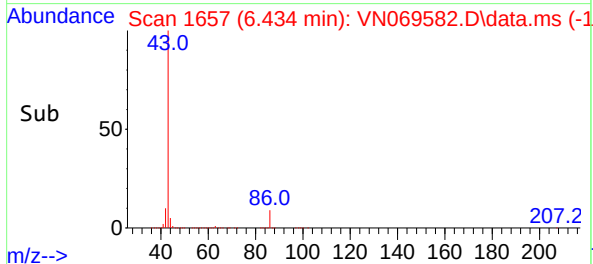
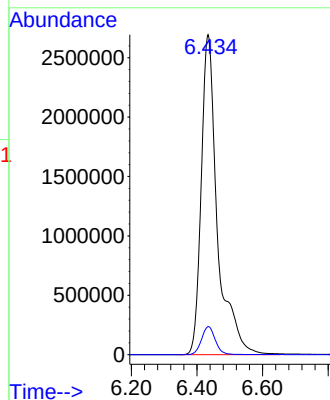
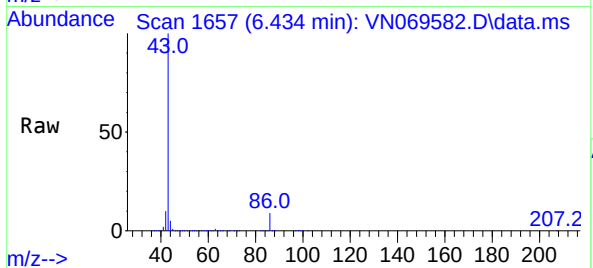
86 8.8 8.5 12.7

Manual Integrations

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Reviewed By :John Carlone 11/22/2021

Supervised By :Mahesh Dadoda 11/26/2021



#24

1,1-Dichloroethane

Concen: 52.067 ug/l

RT: 6.385 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VN069582.D

Acq: 19 Nov 2021 11:22

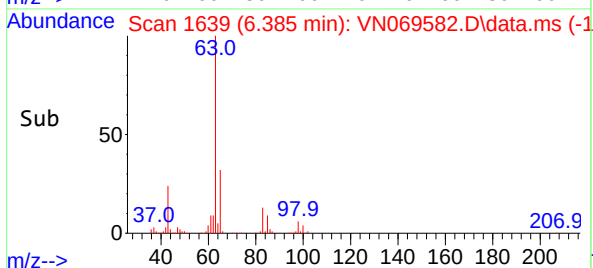
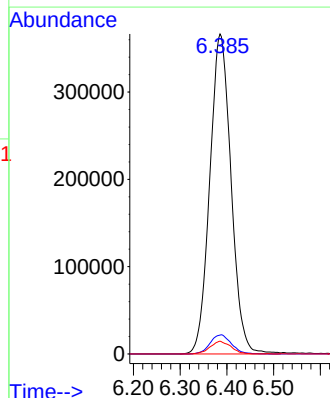
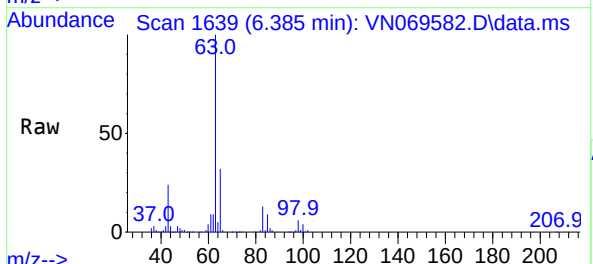
Tgt Ion: 63 Resp: 1159865

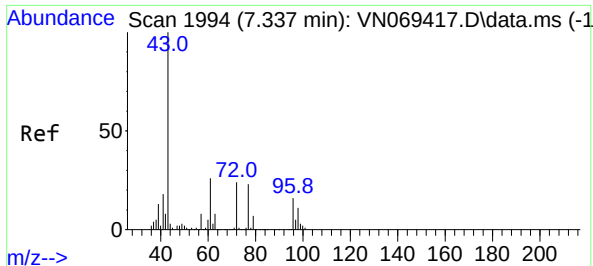
Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.9

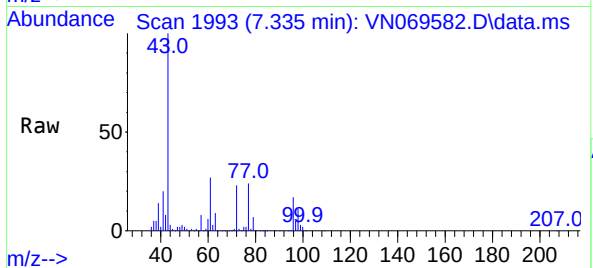
100 4.0 2.1 6.5





#25
2-Butanone
Concen: 260.739 ug/l
RT: 7.335 min Scan# 1994
Delta R.T. -0.002 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

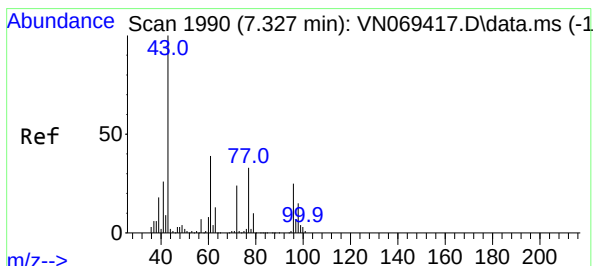
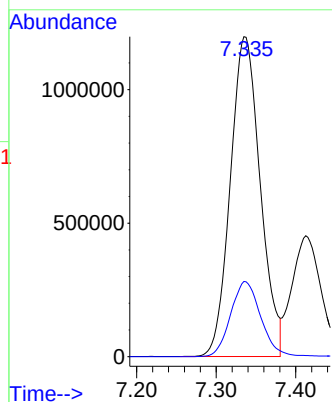
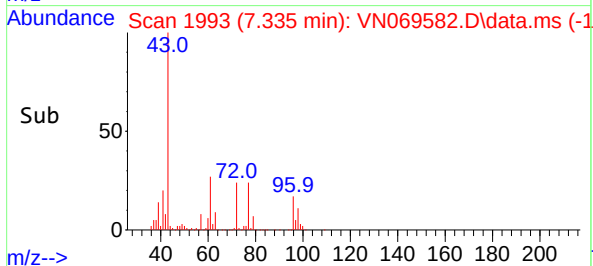
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



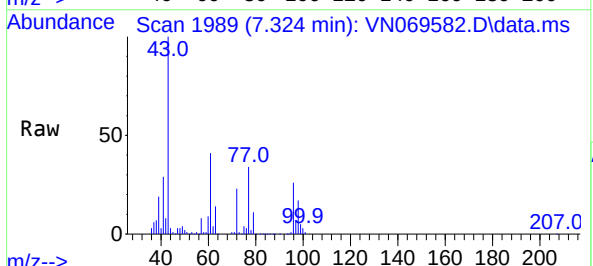
Tgt Ion: 43 Resp: 312949
Ion Ratio Lower Upper
43 100
72 23.5 21.7 32.5

Manual Integrations
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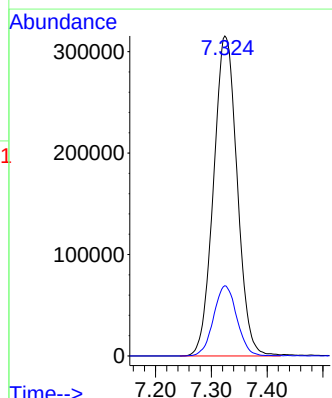
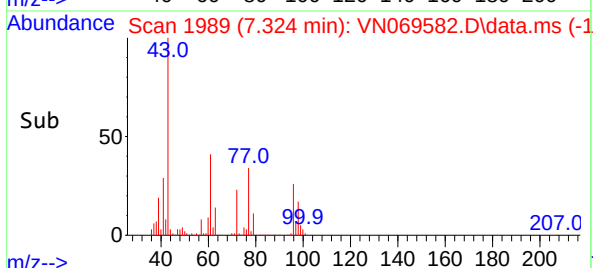
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

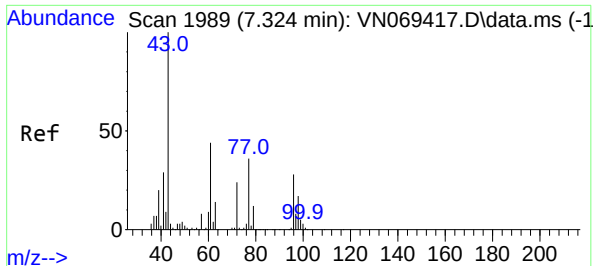


#26
2,2-Dichloropropane
Concen: 53.273 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22



Tgt Ion: 77 Resp: 928503
Ion Ratio Lower Upper
77 100
97 21.6 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 52.307 ug/l
 RT: 7.324 min Scan# 1989
 Delta R.T. 0.000 min
 Lab File: VN069582.D
 Acq: 19 Nov 2021 11:22

Instrument :

MSVOA_N

ClientSampleId :

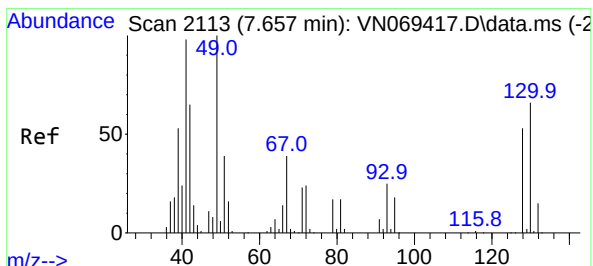
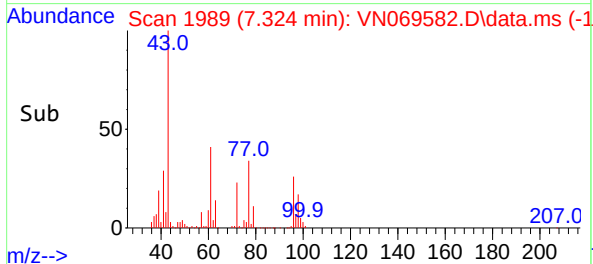
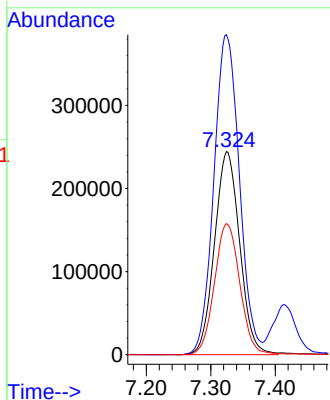
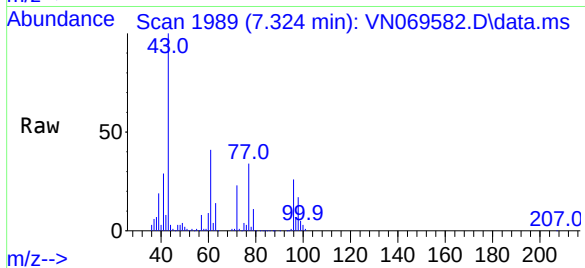
VSTDCCC050

Tgt Ion: 96 Resp: 665084
 Ion Ratio Lower Upper
 96 100
 61 159.7 0.0 275.0
 98 65.0 0.0 129.6

Manual Integrations

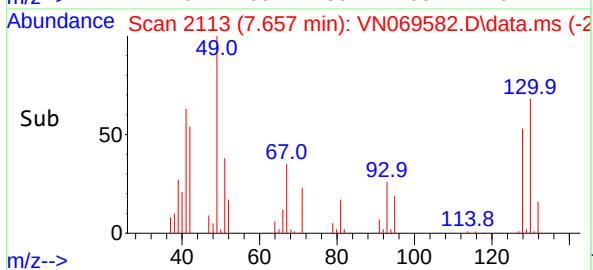
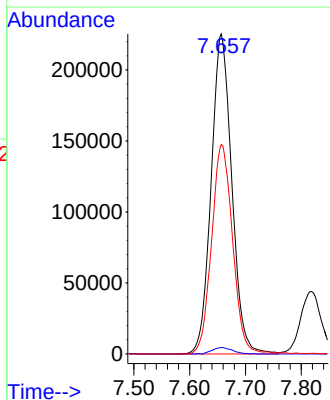
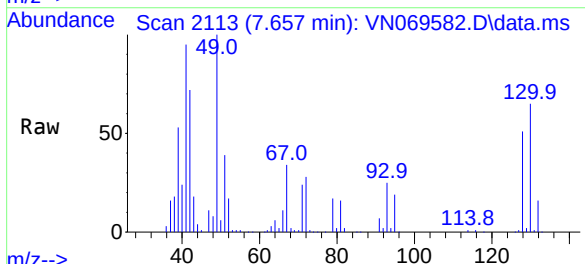
APPROVED

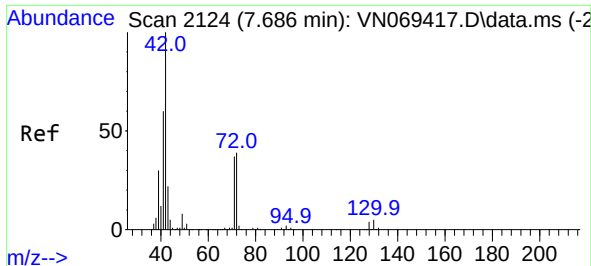
Reviewed By :John Carlone 11/22/2021
 Supervised By :Mahesh Dadoda 11/26/2021



#28
 Bromochloromethane
 Concen: 50.744 ug/l
 RT: 7.657 min Scan# 2113
 Delta R.T. -0.000 min
 Lab File: VN069582.D
 Acq: 19 Nov 2021 11:22

Tgt Ion: 49 Resp: 578881
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 66.3 67.8 101.8#





#29

Tetrahydrofuran

Concen: 257.146 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN069582.D

Acq: 19 Nov 2021 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 189403

Ion Ratio Lower Upper

42 100

72 38.5 36.3 54.5

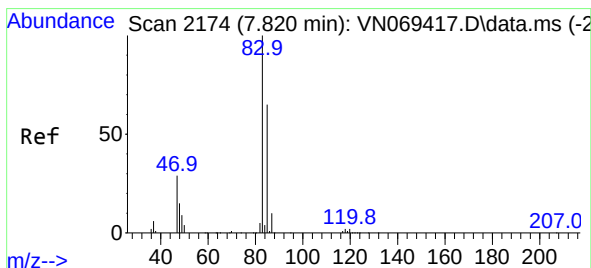
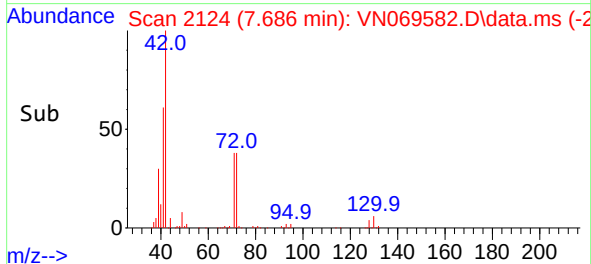
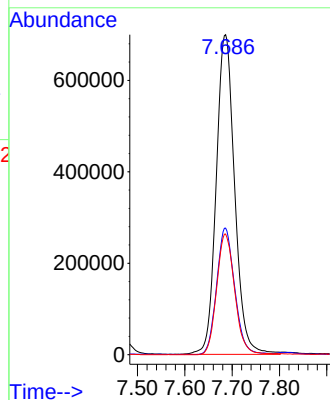
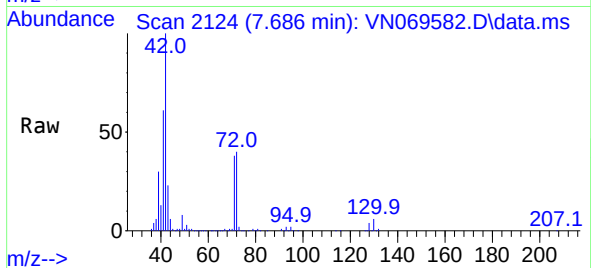
71 37.0 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2021

Supervised By :Mahesh Dadoda 11/26/2021



#30

Chloroform

Concen: 52.687 ug/l

RT: 7.818 min Scan# 2173

Delta R.T. -0.002 min

Lab File: VN069582.D

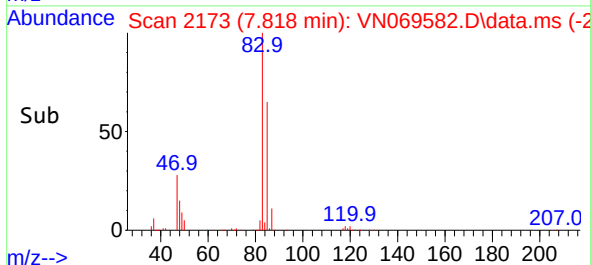
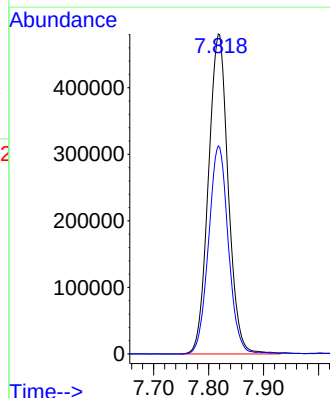
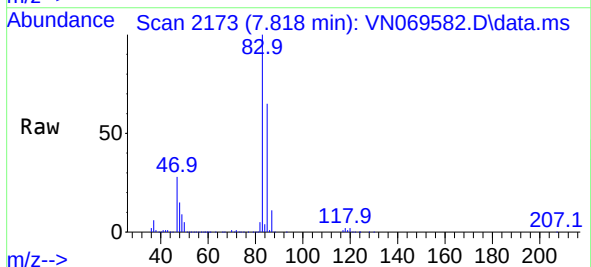
Acq: 19 Nov 2021 11:22

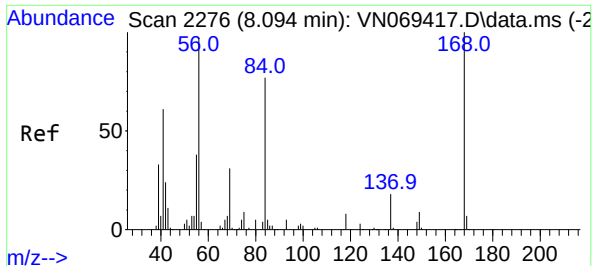
Tgt Ion: 83 Resp: 1203255

Ion Ratio Lower Upper

83 100

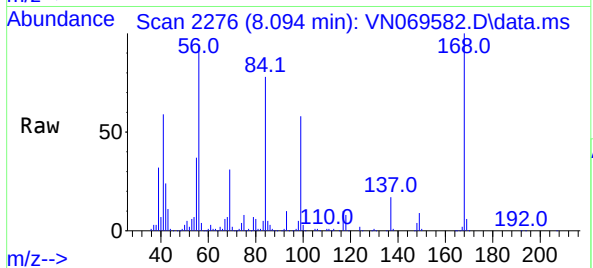
85 65.0 51.9 77.9





#31
Cyclohexane
Concen: 45.282 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

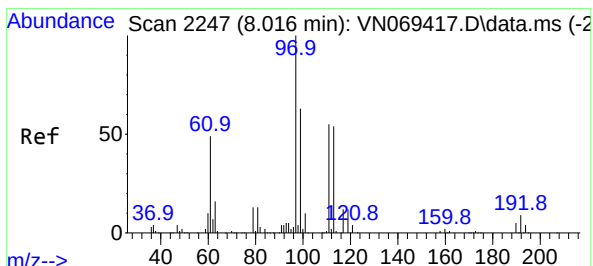
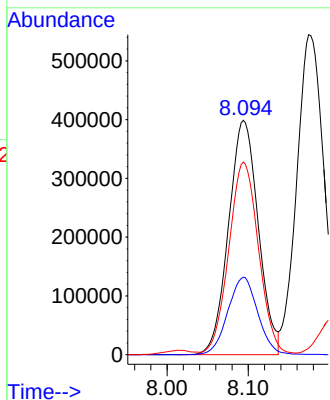
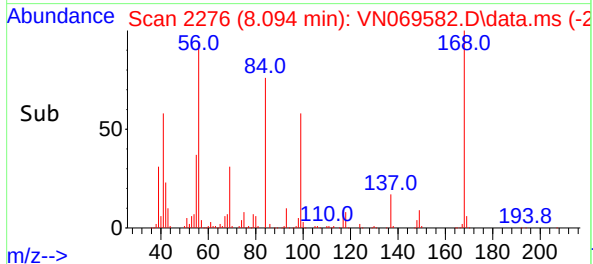
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



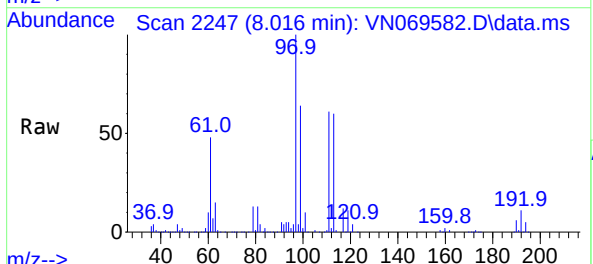
Tgt Ion: 56 Resp: 1016334
Ion Ratio Lower Upper
56 100
69 33.0 27.1 40.7
84 80.3 73.4 110.0

Manual Integrations
APPROVED

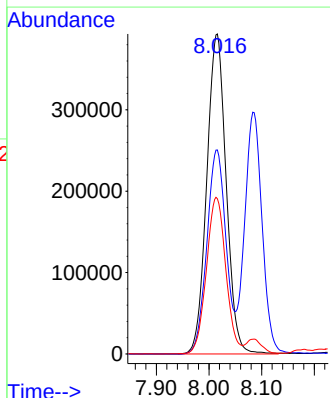
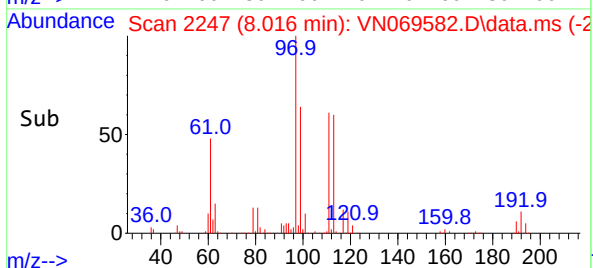
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

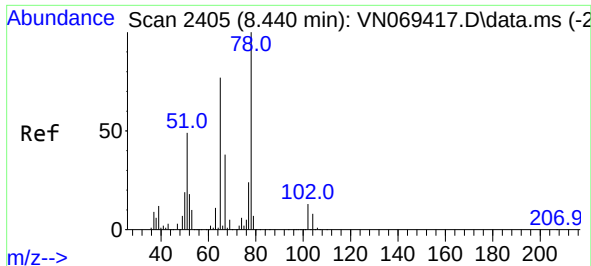


#32
1,1,1-Trichloroethane
Concen: 52.904 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22



Tgt Ion: 97 Resp: 1008495
Ion Ratio Lower Upper
97 100
99 63.3 50.1 75.1
61 49.0 35.2 52.8





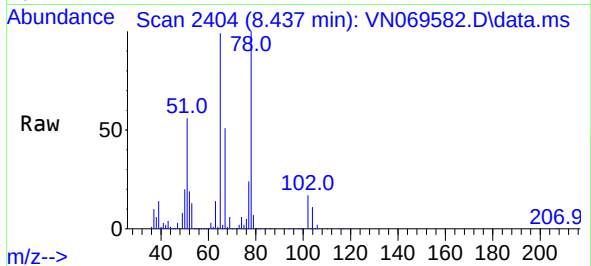
#33
 1,2-Dichloroethane-d4
 Concen: 51.235 ug/l
 RT: 8.437 min Scan# 2405
 Delta R.T. -0.003 min
 Lab File: VN069582.D
 Acq: 19 Nov 2021 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

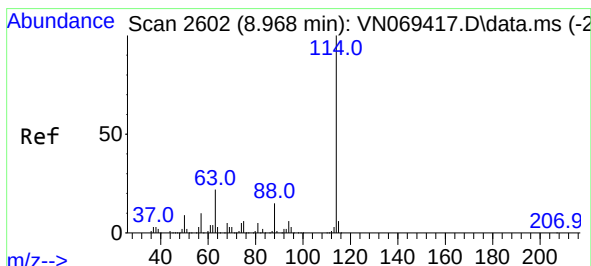
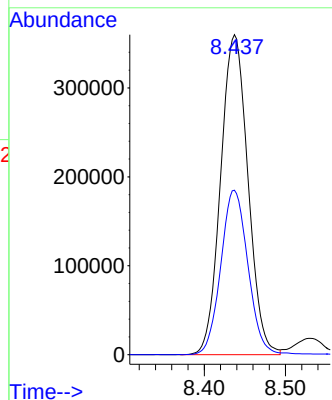
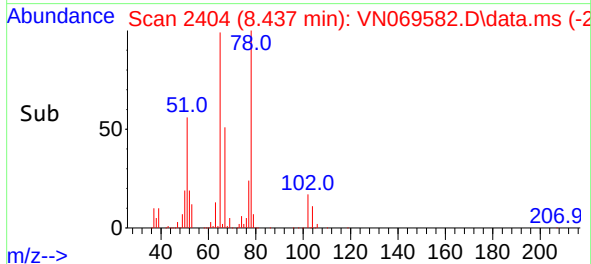


Tgt Ion: 65 Resp: 841719
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.0

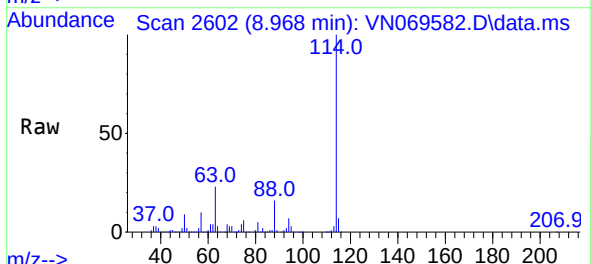
Manual Integrations

APPROVED

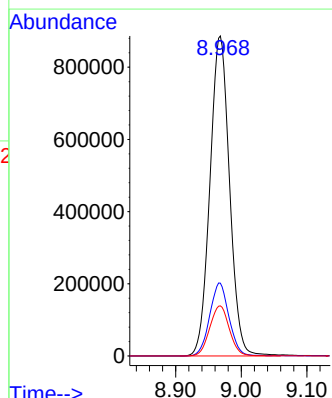
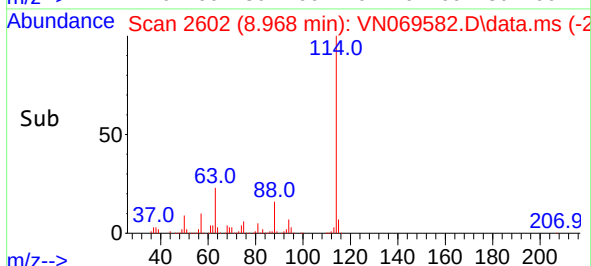
Reviewed By :John Carlone 11/22/2021
 Supervised By :Mahesh Dadoda 11/26/2021

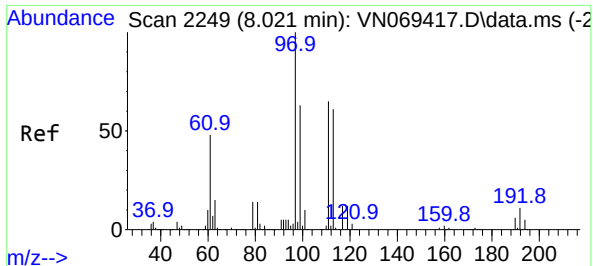


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.000 min
 Lab File: VN069582.D
 Acq: 19 Nov 2021 11:22



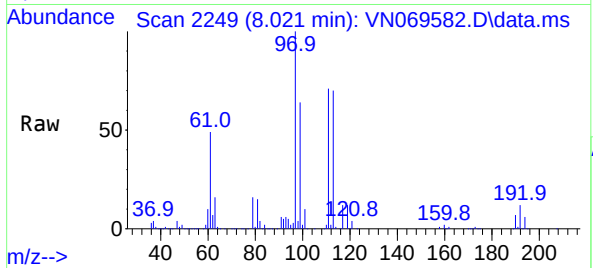
Tgt Ion:114 Resp: 1838047
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 37.8
 88 15.7 0.0 27.4





#35
Dibromofluoromethane
Concen: 54.761 ug/l
RT: 8.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

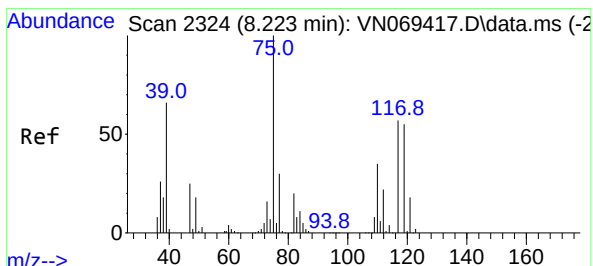
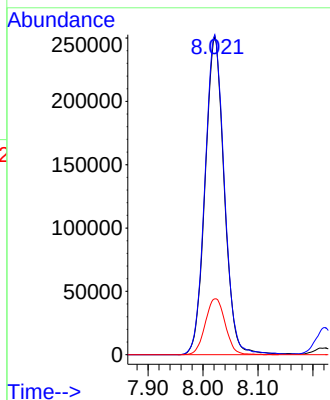
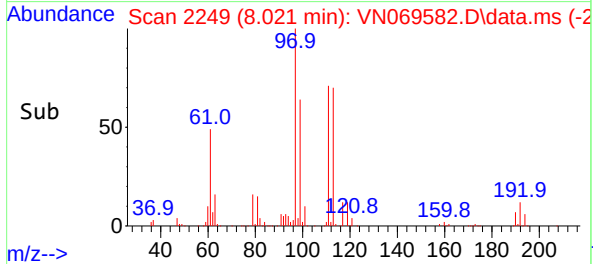
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



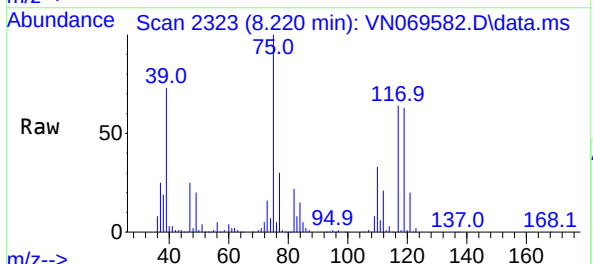
Tgt Ion:113 Resp: 603674
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.2
192 18.5 16.9 25.3

Manual Integrations
APPROVED

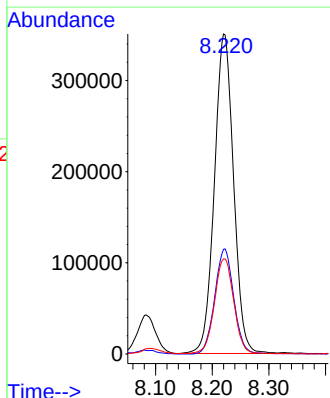
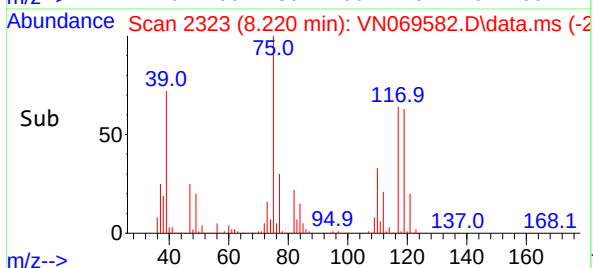
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

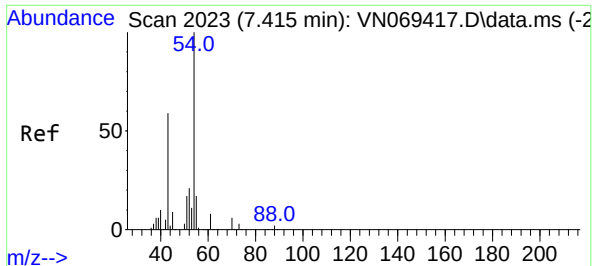


#36
1,1-Dichloropropene
Concen: 53.355 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22



Tgt Ion: 75 Resp: 825194
Ion Ratio Lower Upper
75 100
110 32.7 18.4 55.2
77 30.1 24.4 36.6





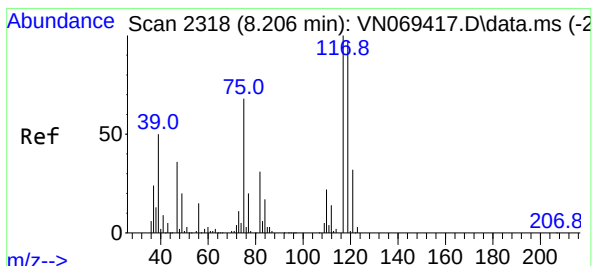
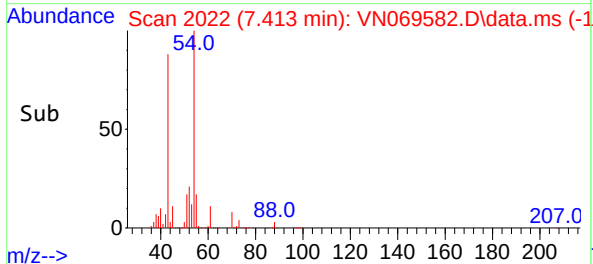
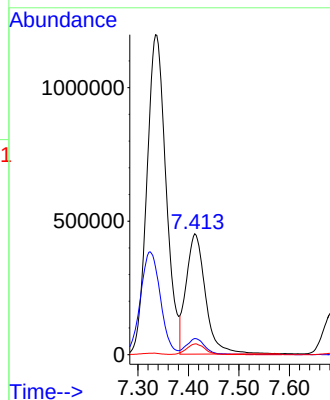
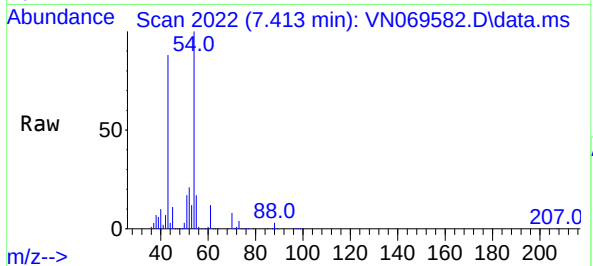
#37
Ethyl Acetate
Concen: 57.186 ug/l
RT: 7.413 min Scan# 2023
Delta R.T. -0.002 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1195578
Ion Ratio Lower Upper
43 100
61 12.9 11.5 17.3
70 8.3 7.9 11.9

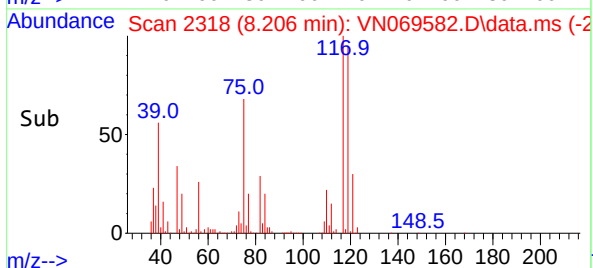
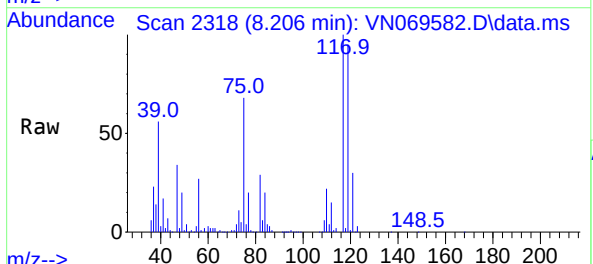
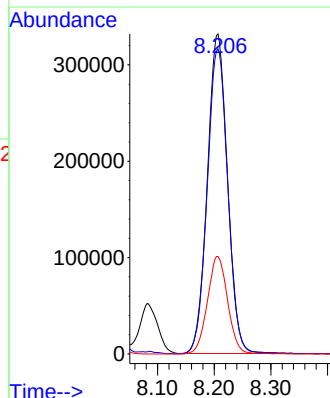
Manual Integrations
APPROVED

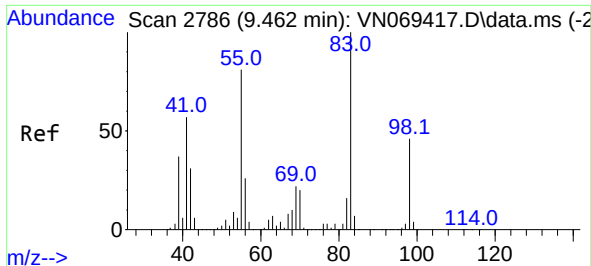
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#38
Carbon Tetrachloride
Concen: 55.046 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

Tgt Ion:117 Resp: 821931
Ion Ratio Lower Upper
117 100
119 95.4 76.1 114.1
121 30.5 24.2 36.2





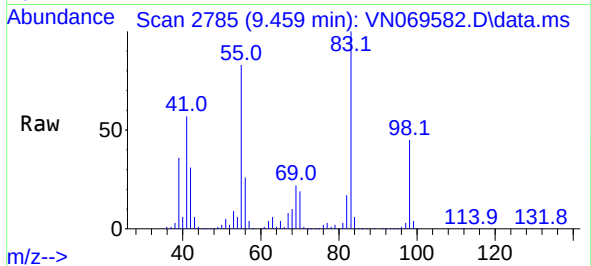
#39
Methylcyclohexane
Concen: 51.573 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



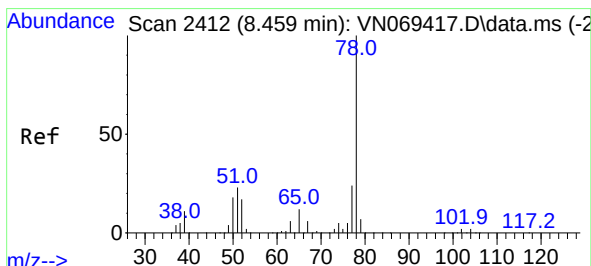
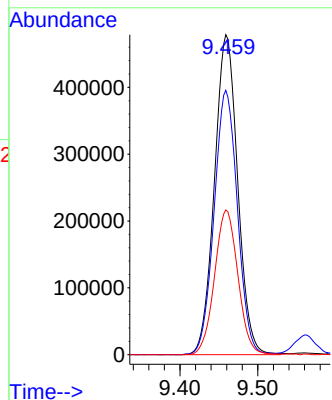
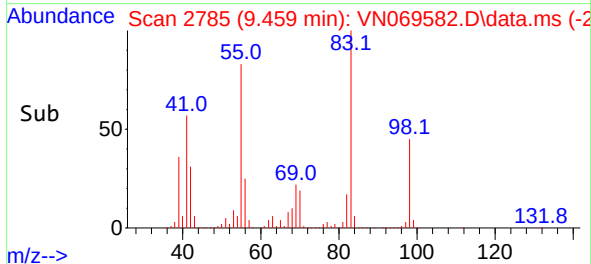
Tgt Ion: 83 Resp: 992220
Ion Ratio Lower Upper
83 100
55 82.6 58.1 87.1
98 45.2 38.4 57.6

Manual Integrations

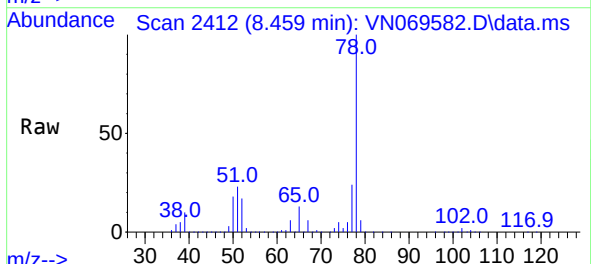
APPROVED

Reviewed By :John Carlone 11/22/2021

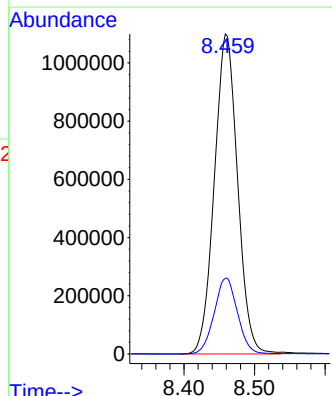
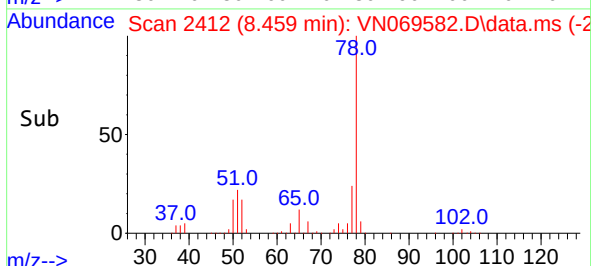
Supervised By :Mahesh Dadoda 11/26/2021

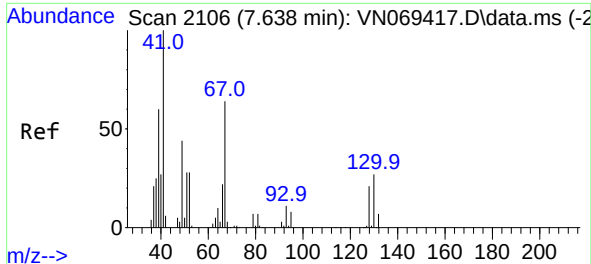


#40
Benzene
Concen: 52.668 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. -0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22



Tgt Ion: 78 Resp: 2514297
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8





#41
Methacrylonitrile
Concen: 58.033 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

Instrument :

MSVOA_N

ClientSampleId :

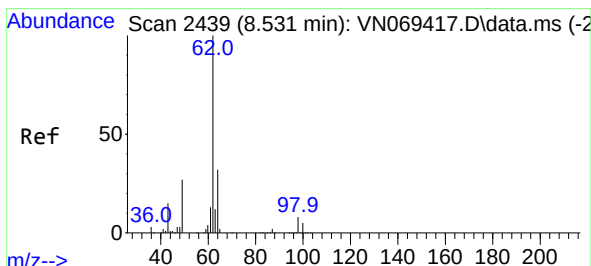
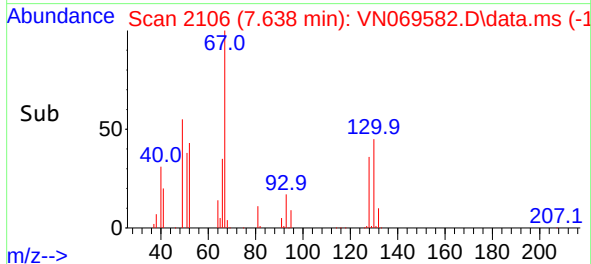
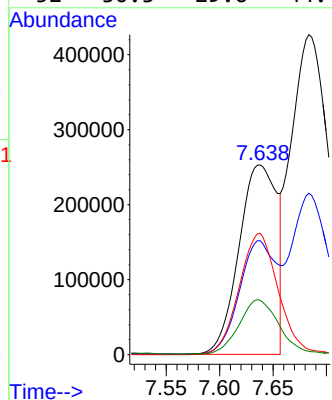
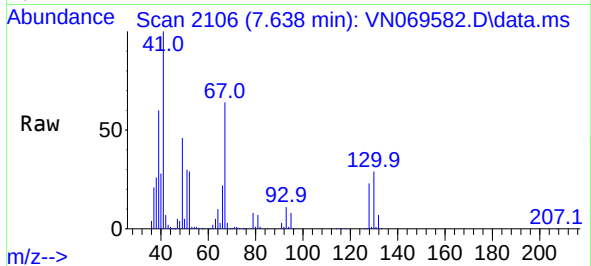
VSTDCCC050

Tgt Ion: 41 Resp: 62691
Ion Ratio Lower Upper
41 100
39 57.5 48.1 72.1
67 66.4 68.3 102.5
52 30.3 29.6 44.4

Manual Integrations

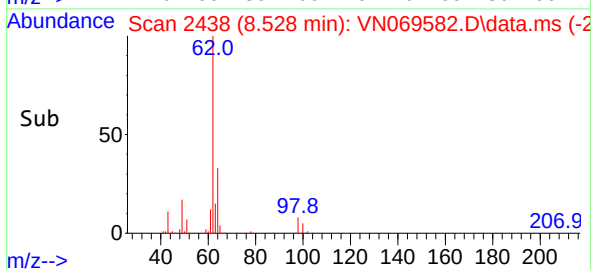
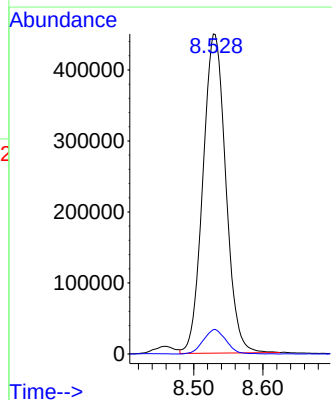
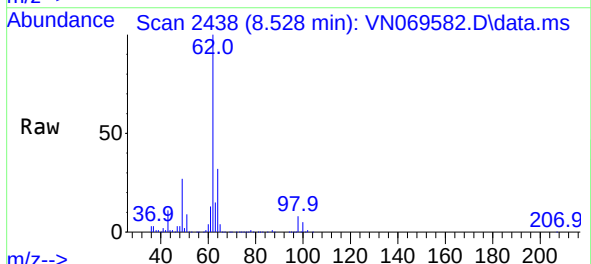
APPROVED

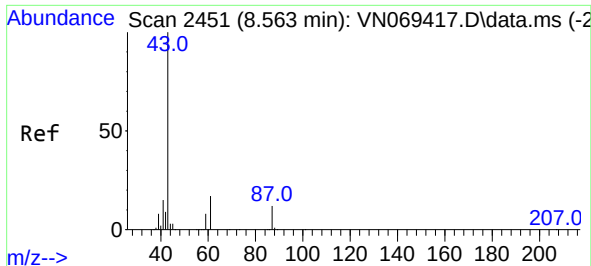
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#42
1,2-Dichloroethane
Concen: 55.161 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

Tgt Ion: 62 Resp: 1031095
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





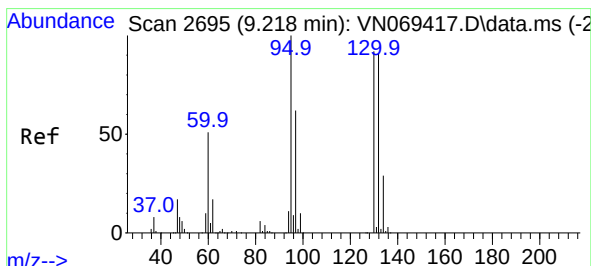
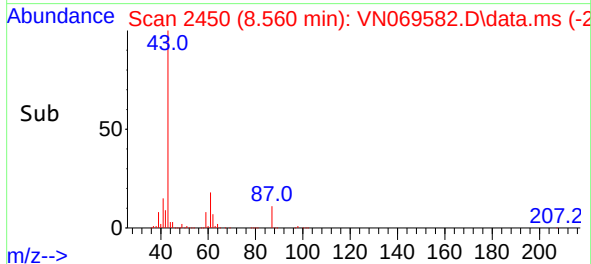
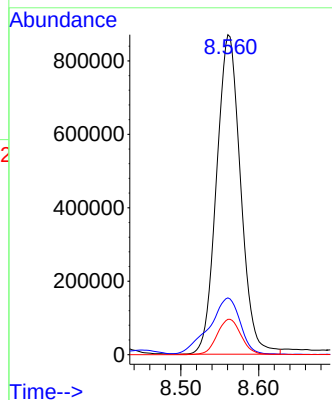
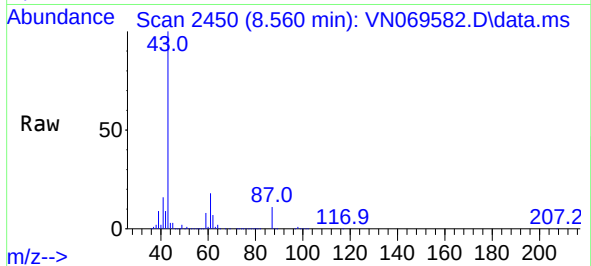
#43
Isopropyl Acetate
Concen: 55.525 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 186457
Ion Ratio Lower Upper
43 100
61 22.7 20.4 30.6
87 11.1 11.2 16.8

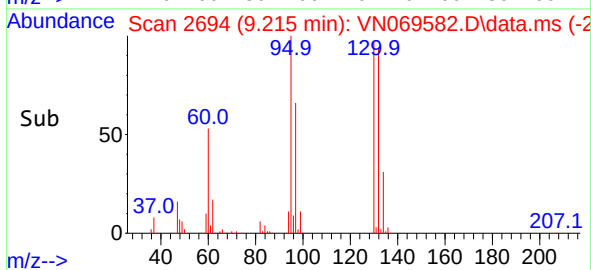
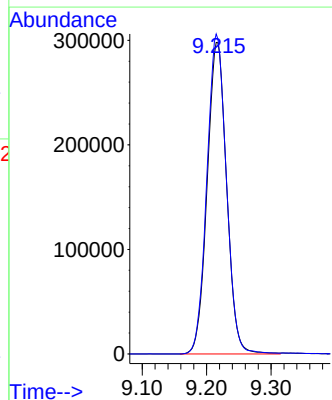
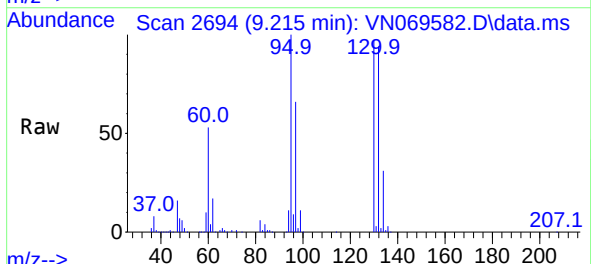
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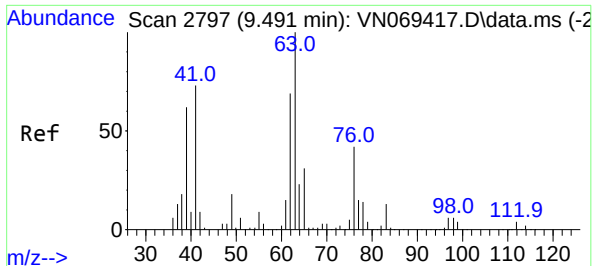
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#44
Trichloroethene
Concen: 54.681 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.003 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

Tgt Ion:130 Resp: 624733
Ion Ratio Lower Upper
130 100
95 102.7 0.0 191.2





#45

1,2-Dichloropropane

Concen: 55.629 ug/l

RT: 9.491 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VN069582.D

Acq: 19 Nov 2021 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 70951

Ion Ratio Lower Upper

63 100

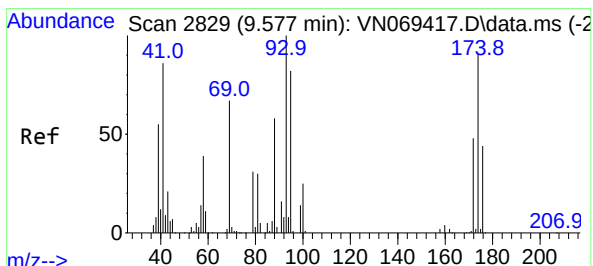
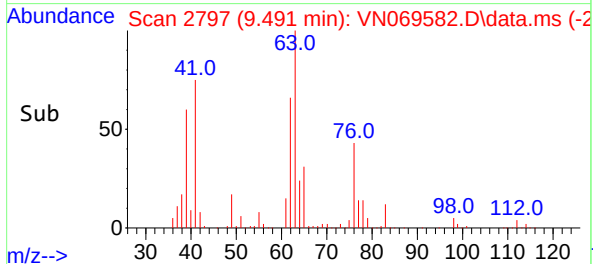
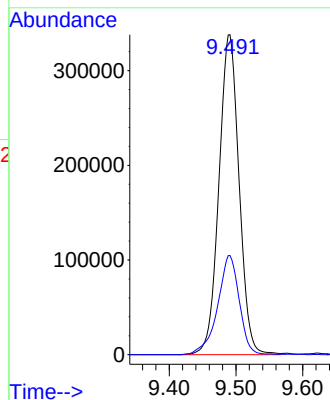
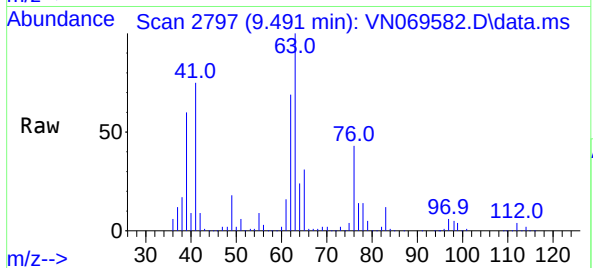
65 31.0 24.7 37.1

Manual Integrations

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Reviewed By :John Carlone 11/22/2021

Supervised By :Mahesh Dadoda 11/26/2021



#46

Dibromomethane

Concen: 54.531 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN069582.D

Acq: 19 Nov 2021 11:22

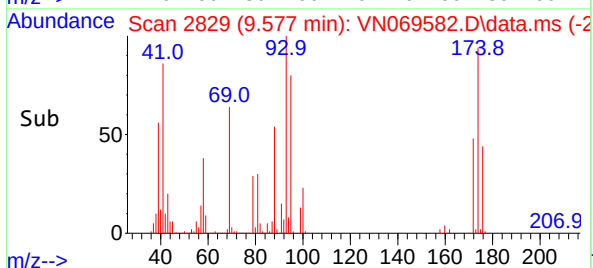
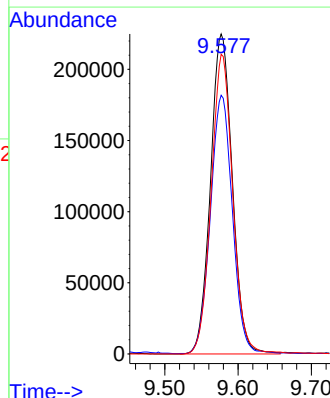
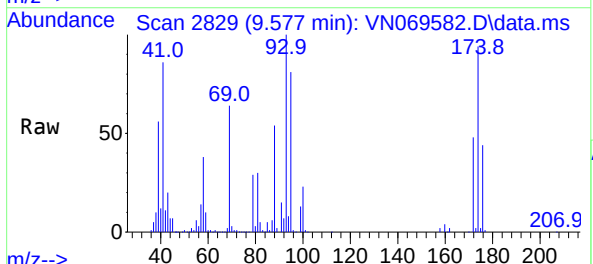
Tgt Ion: 93 Resp: 465856

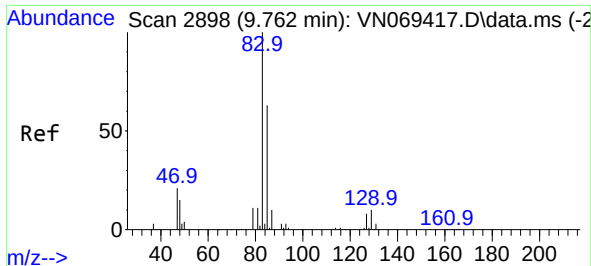
Ion Ratio Lower Upper

93 100

95 81.3 65.9 98.9

174 92.3 84.6 127.0





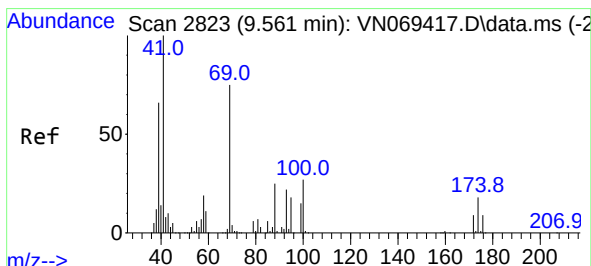
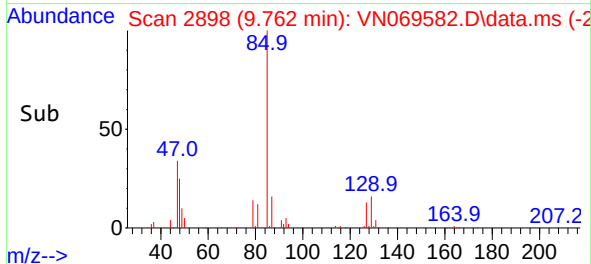
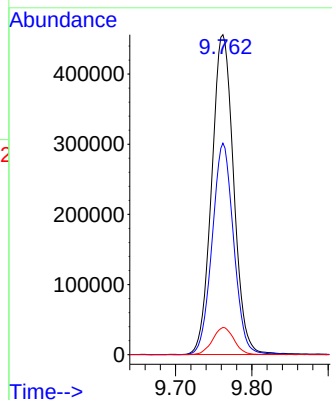
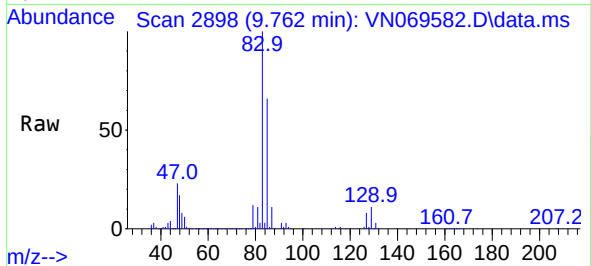
#47
Bromodichloromethane
Concen: 57.144 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 91096
Ion Ratio Lower Upper
83 100
85 66.2 50.9 76.3
127 8.5 7.1 10.7

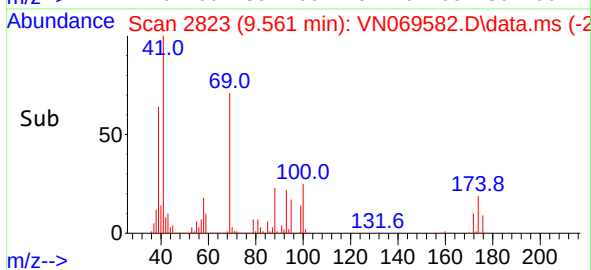
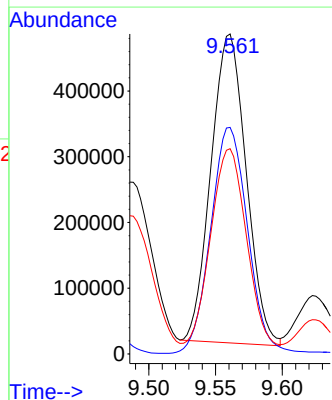
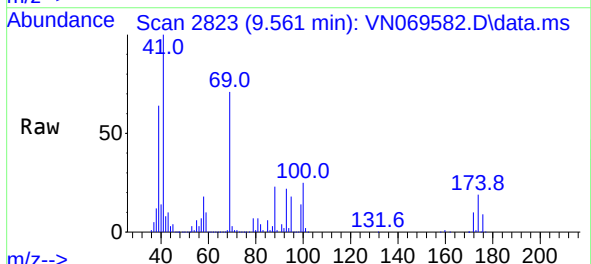
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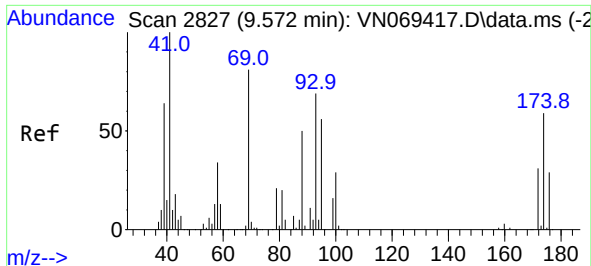
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#48
Methyl methacrylate
Concen: 54.603 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

Tgt Ion: 41 Resp: 862668
Ion Ratio Lower Upper
41 100
69 77.6 72.4 108.6
39 69.3 58.4 87.6





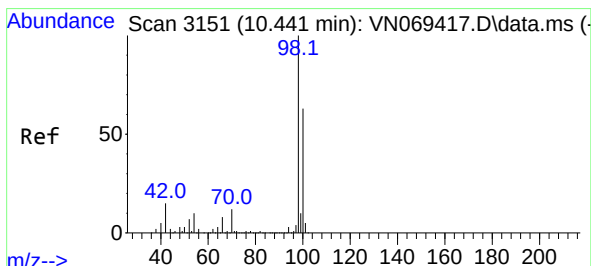
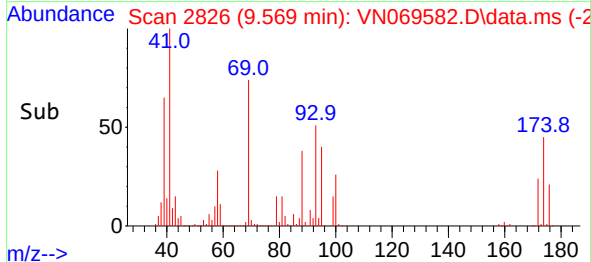
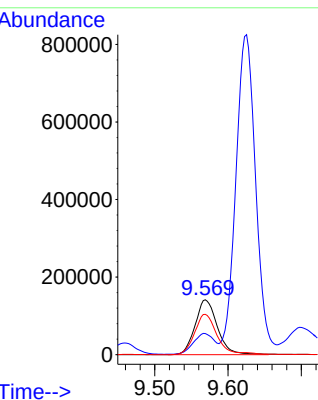
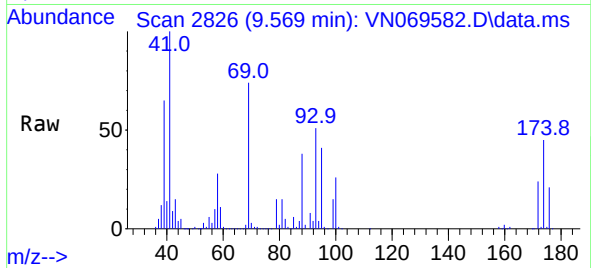
#49
1,4-Dioxane
Concen: 954.958 ug/l
RT: 9.569 min Scan# 2827
Delta R.T. -0.003 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 298424
Ion Ratio Lower Upper
88 100
43 35.9 23.4 35.2
58 72.7 50.6 75.8

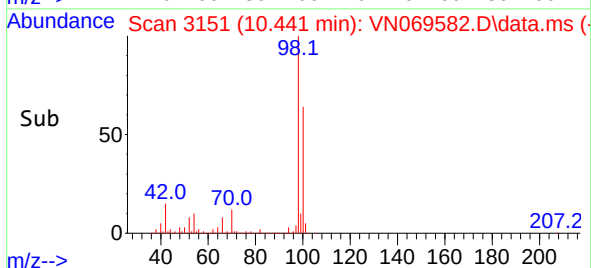
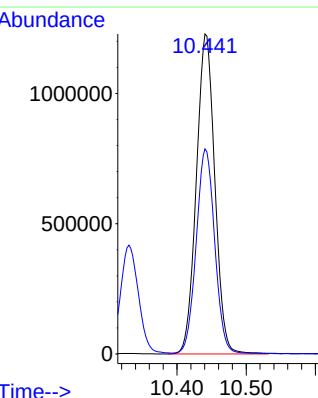
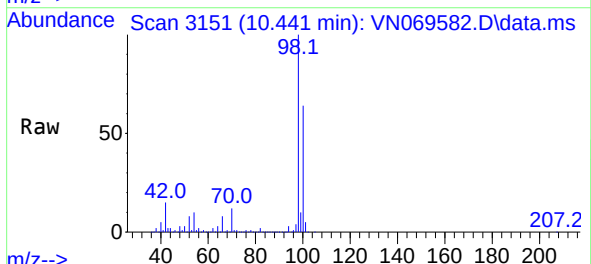
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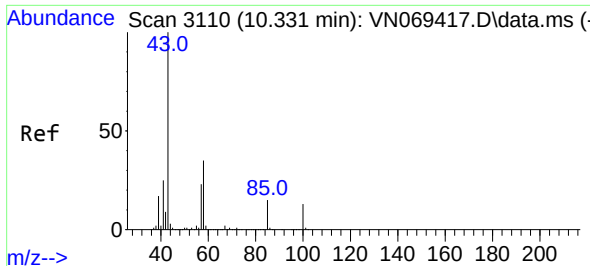
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#50
Toluene-d8
Concen: 52.556 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

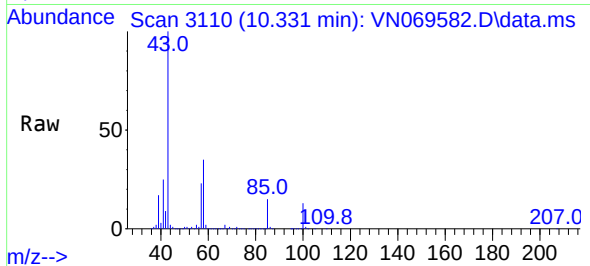
Tgt Ion: 98 Resp: 2278645
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 284.032 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. -0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

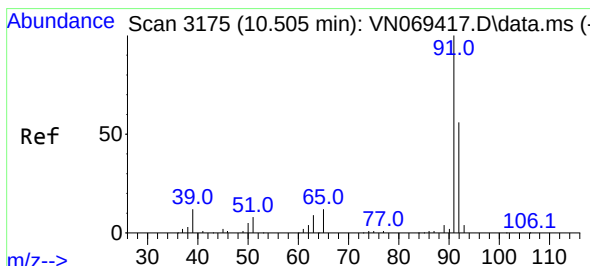
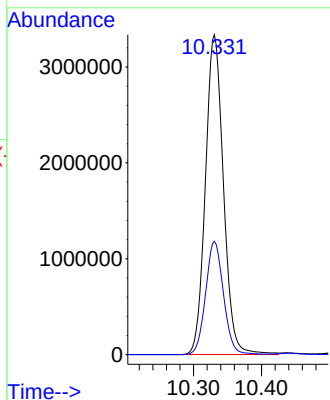
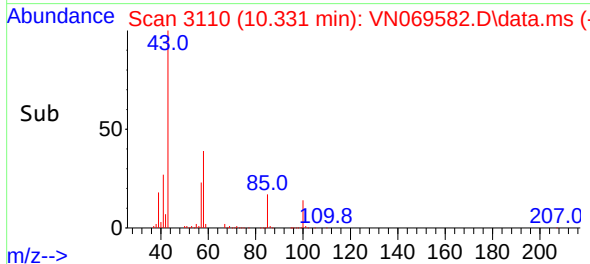
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



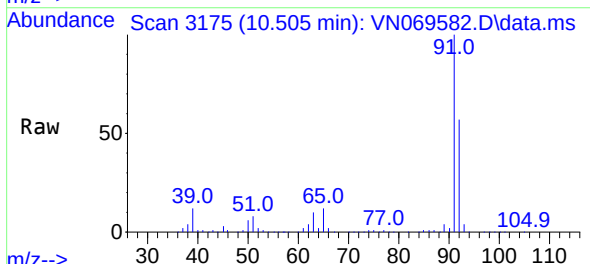
Tgt Ion: 43 Resp: 615651
Ion Ratio Lower Upper
43 100
58 35.2 30.4 45.6

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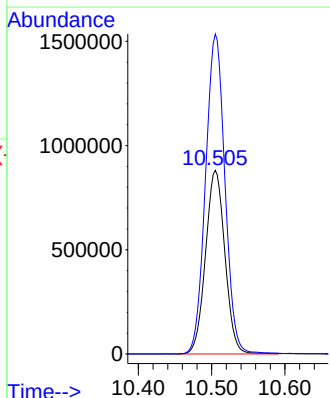
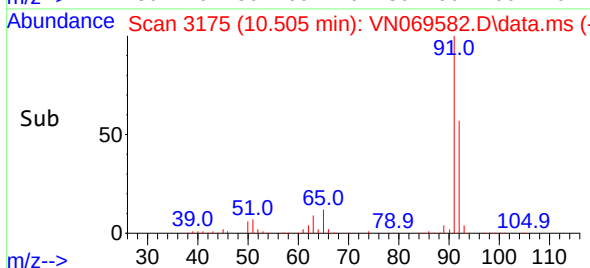
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

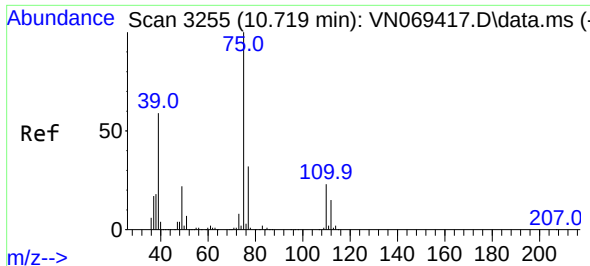


#52
Toluene
Concen: 54.306 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22



Tgt Ion: 92 Resp: 1615072
Ion Ratio Lower Upper
92 100
91 174.7 142.0 213.0





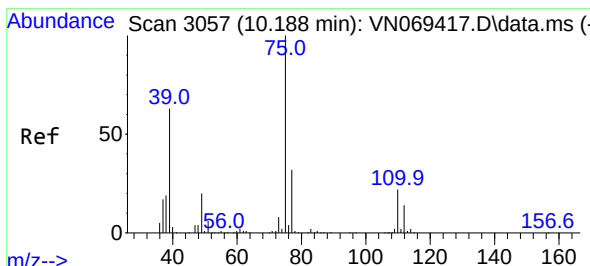
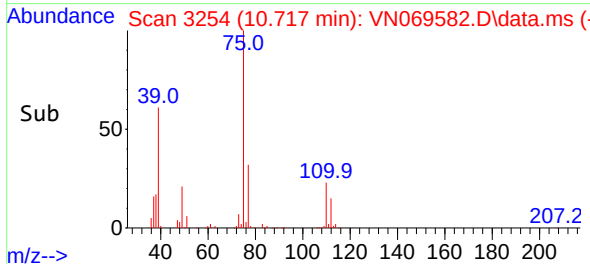
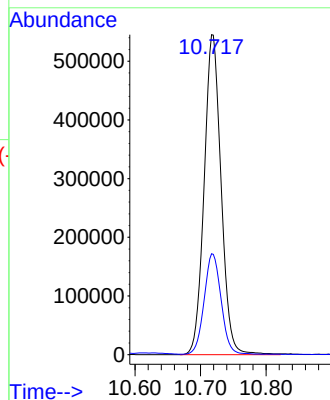
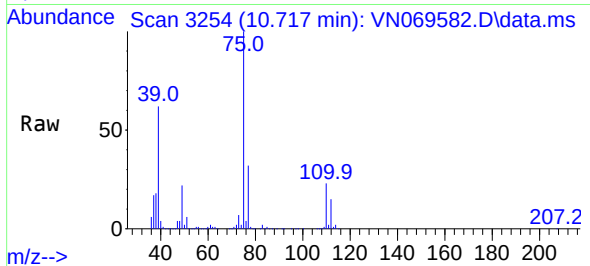
#53
 t-1,3-Dichloropropene
 Concen: 49.949 ug/l
 RT: 10.717 min Scan# 31
 Delta R.T. -0.002 min
 Lab File: VN069582.D
 Acq: 19 Nov 2021 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 978972
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.6 38.4

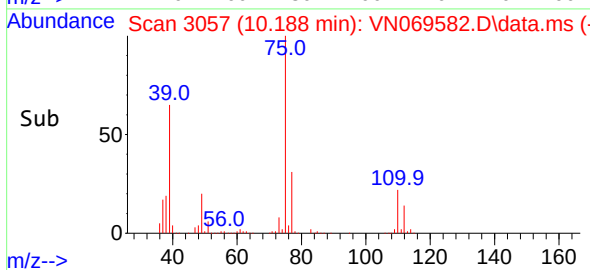
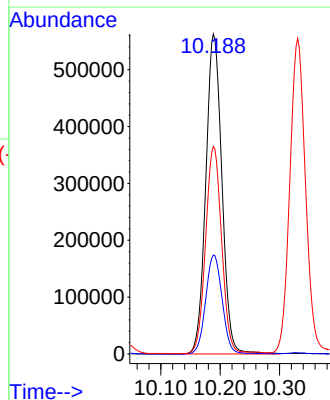
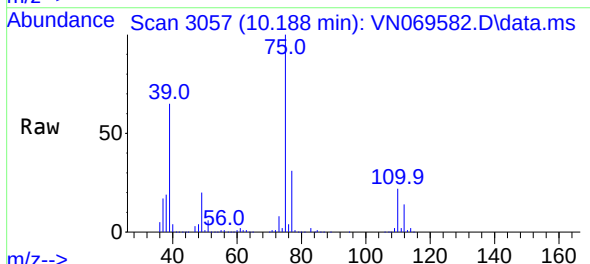
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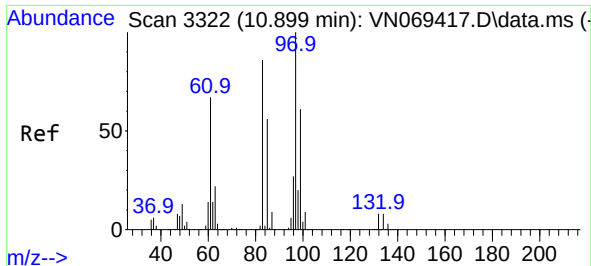
Reviewed By :John Carlone 11/22/2021
 Supervised By :Mahesh Dadoda 11/26/2021



#54
 cis-1,3-Dichloropropene
 Concen: 51.305 ug/l
 RT: 10.188 min Scan# 3057
 Delta R.T. 0.000 min
 Lab File: VN069582.D
 Acq: 19 Nov 2021 11:22

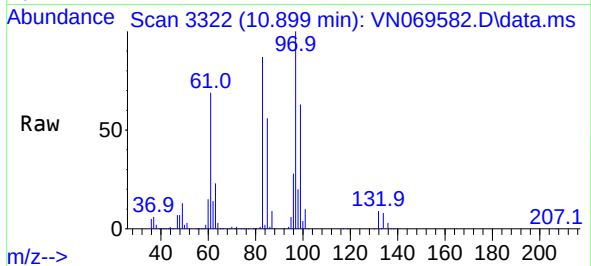
Tgt Ion: 75 Resp: 1060664
 Ion Ratio Lower Upper
 75 100
 77 30.9 26.4 39.6
 39 64.7 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 56.942 ug/l
RT: 10.899 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

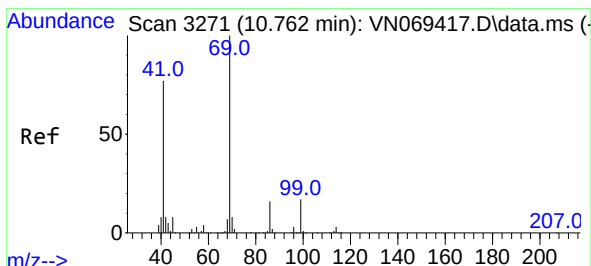
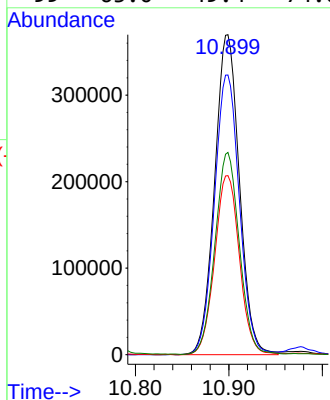
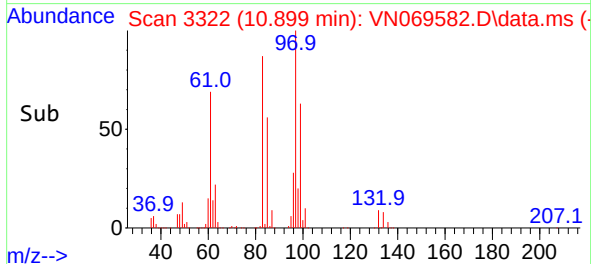


Tgt Ion: 97 Resp: 682650

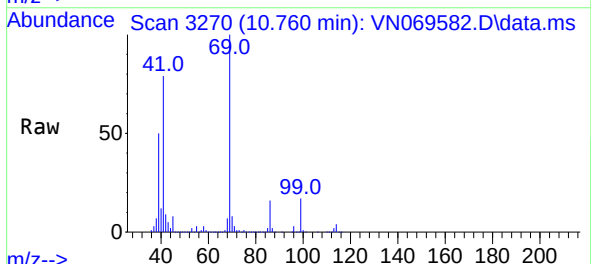
Ion	Ratio	Lower	Upper
97	100		
83	87.4	67.8	101.6
85	56.0	45.4	68.2
99	63.0	49.4	74.0

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Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

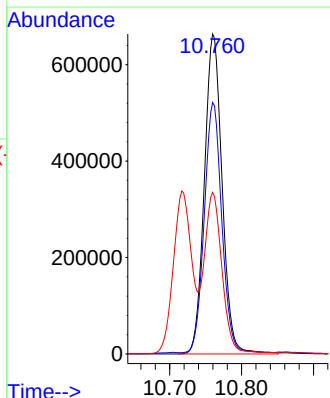
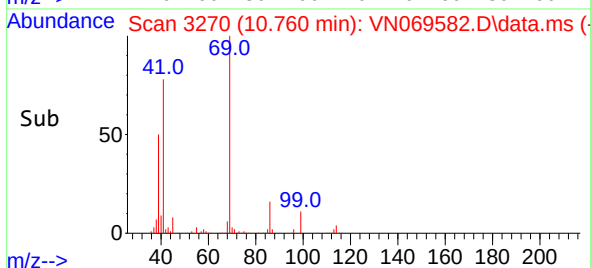


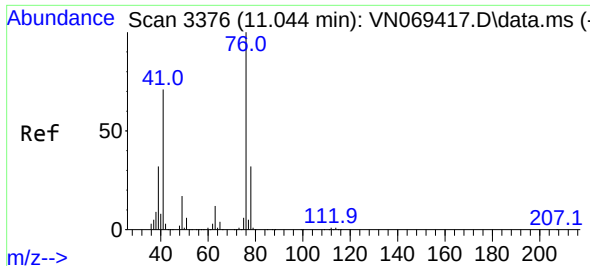
#56
Ethyl methacrylate
Concen: 50.498 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22



Tgt Ion: 69 Resp: 1141365

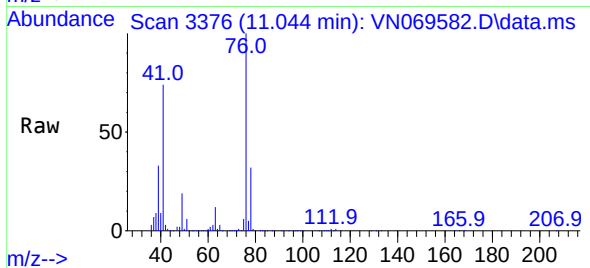
Ion	Ratio	Lower	Upper
69	100		
41	77.0	51.4	77.0
39	48.6	34.6	52.0





#57
1,3-Dichloropropane
Concen: 55.174 ug/l
RT: 11.044 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

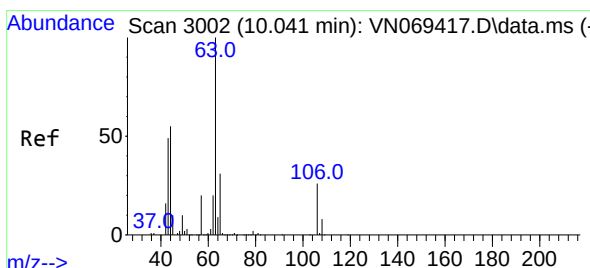
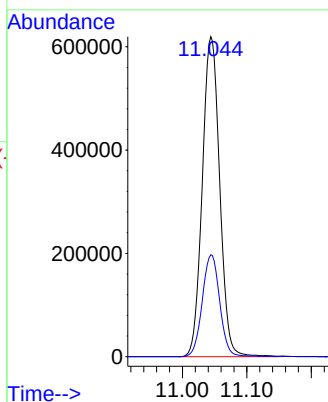
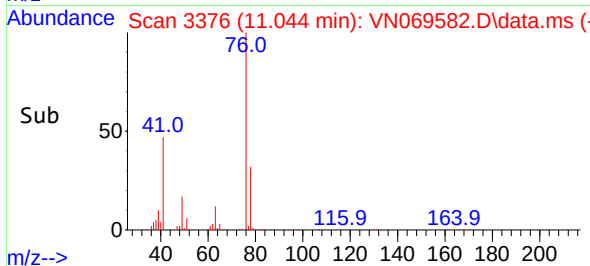
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



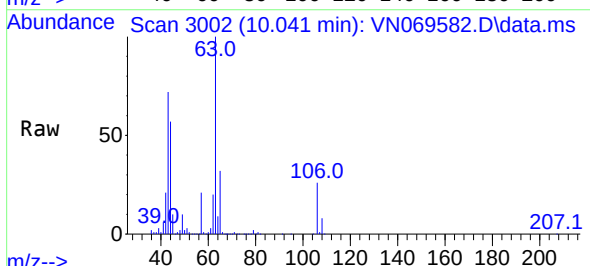
Tgt Ion: 76 Resp: 1162310
Ion Ratio Lower Upper
76 100
78 31.9 25.7 38.5

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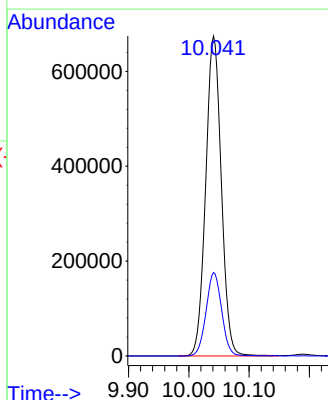
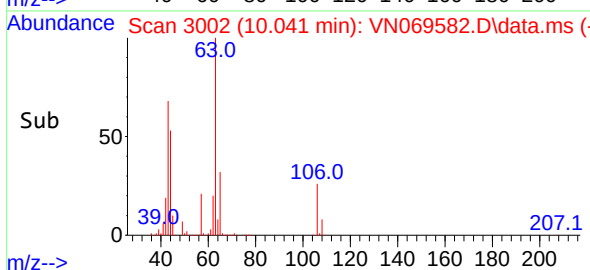
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

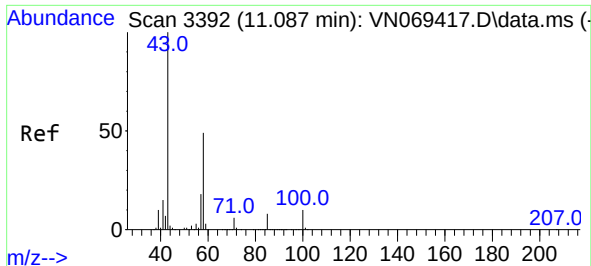


#58
2-Chloroethyl Vinyl ether
Concen: 212.647 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22



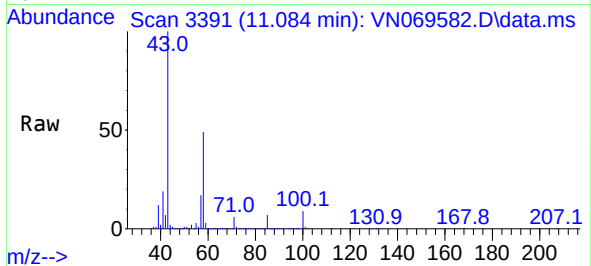
Tgt Ion: 63 Resp: 1213568
Ion Ratio Lower Upper
63 100
106 25.9 23.9 35.9





#59
2-Hexanone
Concen: 248.526 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

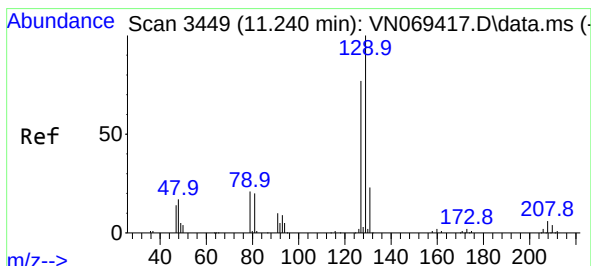
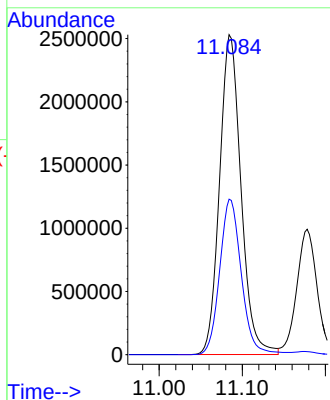
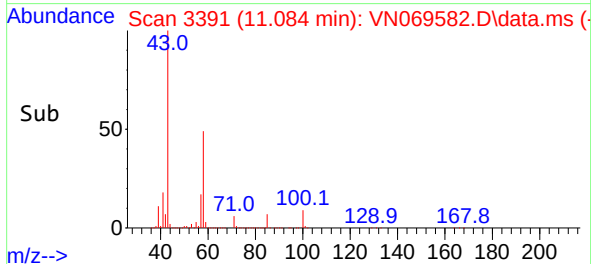
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 454750
Ion Ratio Lower Upper
43 100
58 49.1 26.9 80.7

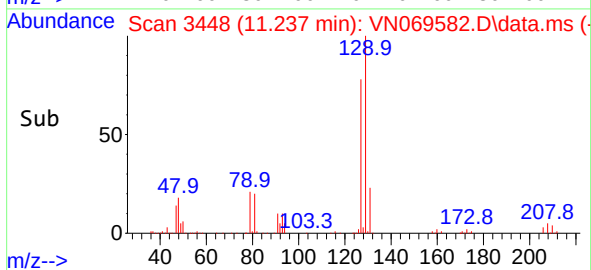
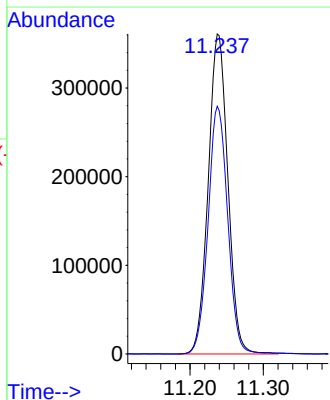
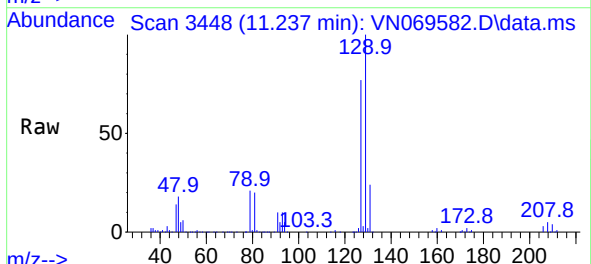
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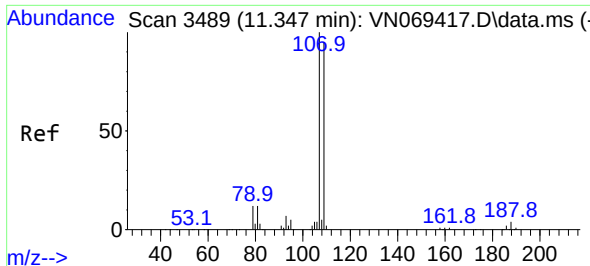
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#60
Dibromochloromethane
Concen: 51.045 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

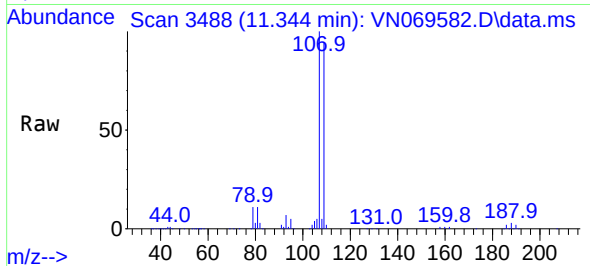
Tgt Ion:129 Resp: 672364
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.134 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

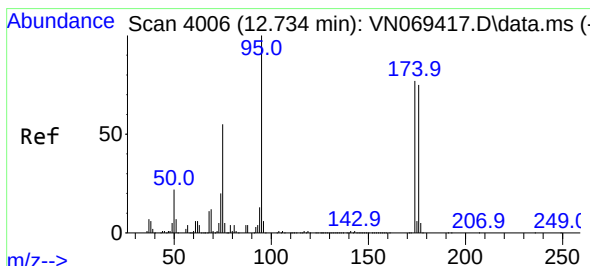
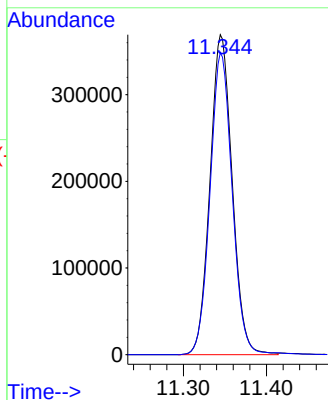
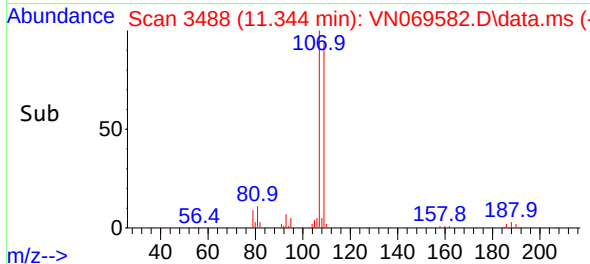
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



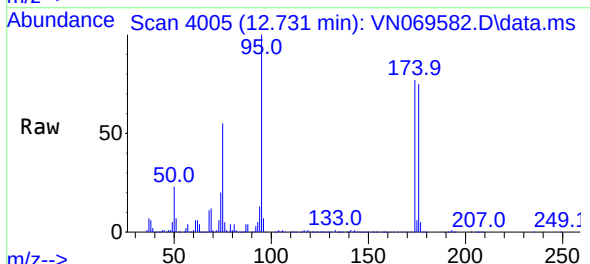
Tgt Ion:107 Resp: 684572
Ion Ratio Lower Upper
107 100
109 93.9 75.7 113.5

Manual Integrations
APPROVED

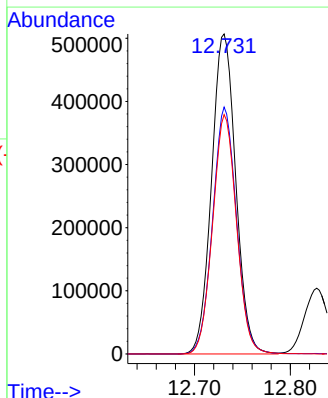
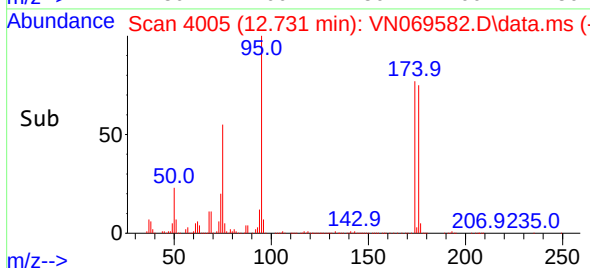
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

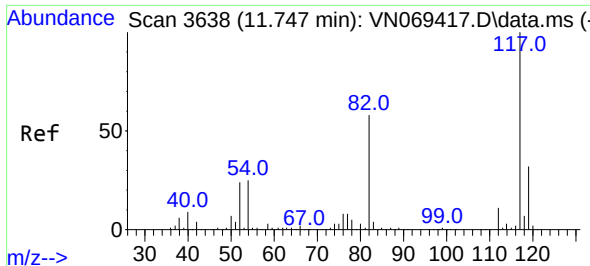


#62
4-Bromofluorobenzene
Concen: 55.680 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22



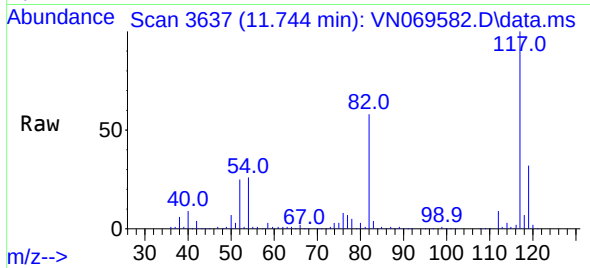
Tgt Ion: 95 Resp: 886848
Ion Ratio Lower Upper
95 100
174 76.4 0.0 187.2
176 73.9 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

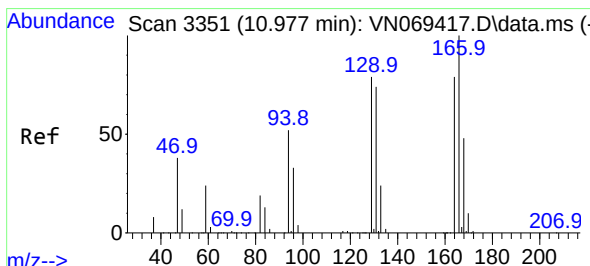
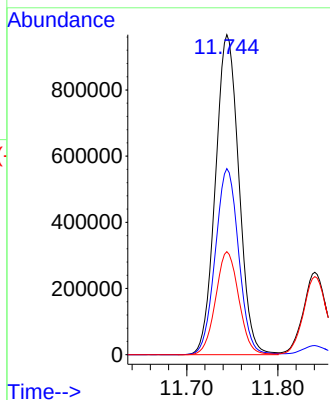
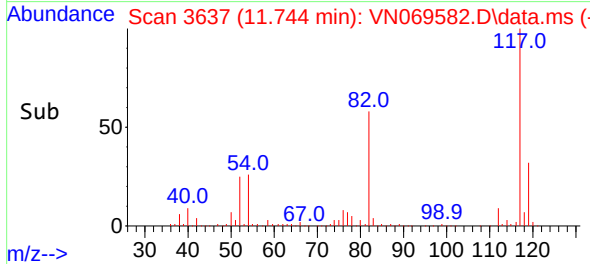
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



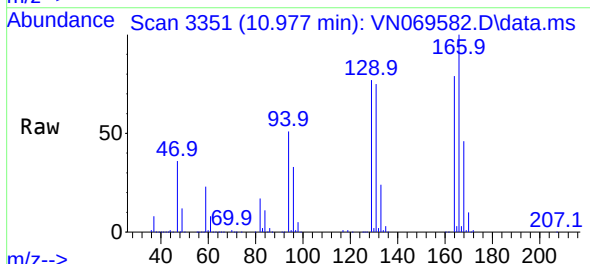
Tgt Ion:117 Resp: 1728264
Ion Ratio Lower Upper
117 100
82 58.1 42.4 63.6
119 32.2 25.4 38.2

Manual Integrations
APPROVED

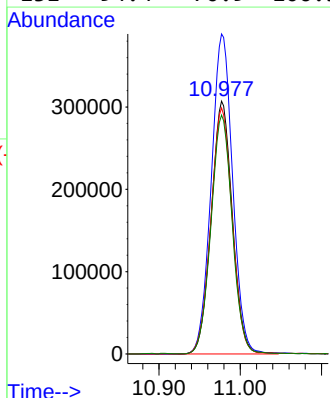
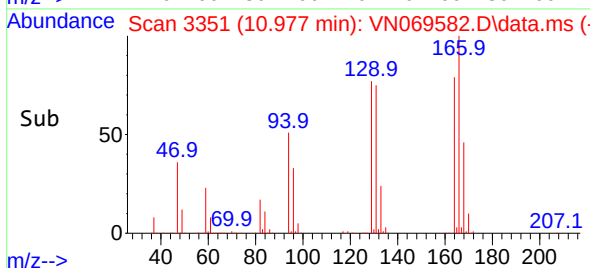
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

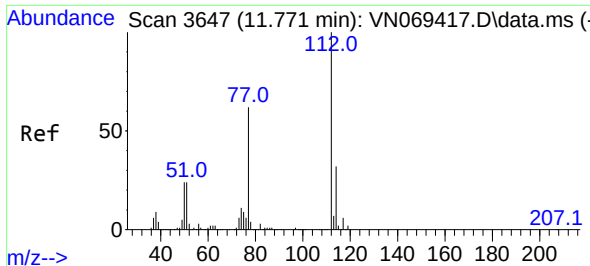


#64
Tetrachloroethene
Concen: 53.369 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22



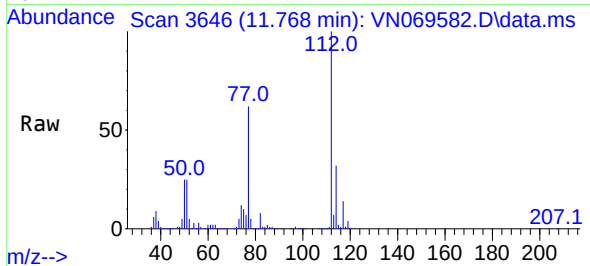
Tgt Ion:164 Resp: 556927
Ion Ratio Lower Upper
164 100
166 126.5 101.9 152.9
129 97.3 72.0 108.0
131 94.4 70.9 106.3





#65
Chlorobenzene
Concen: 55.153 ug/l
RT: 11.768 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

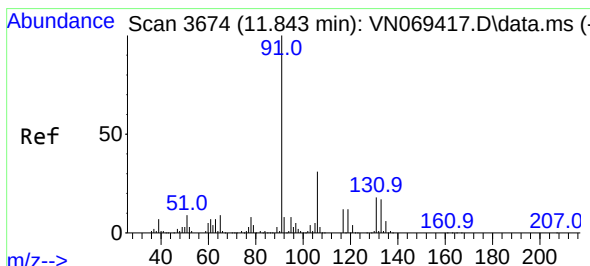
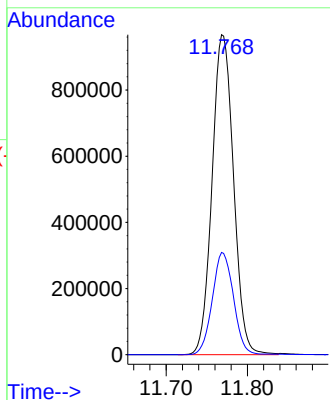
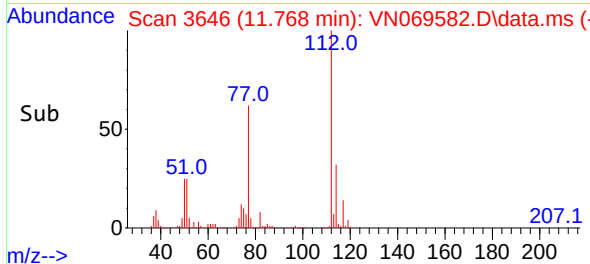
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



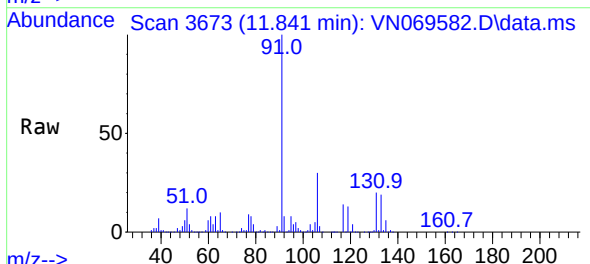
Tgt Ion:112 Resp: 177422
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0

Manual Integrations
APPROVED

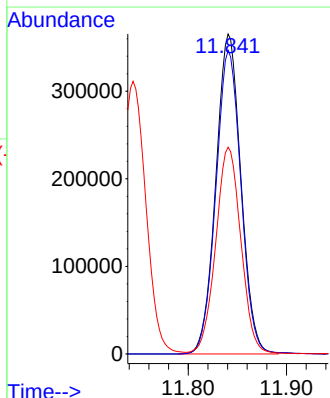
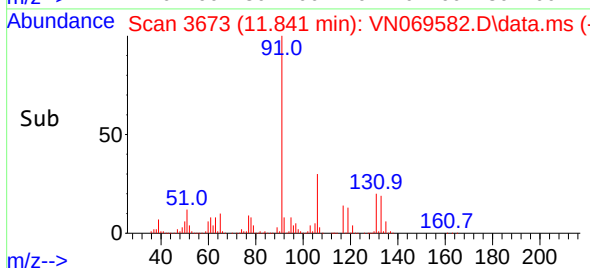
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

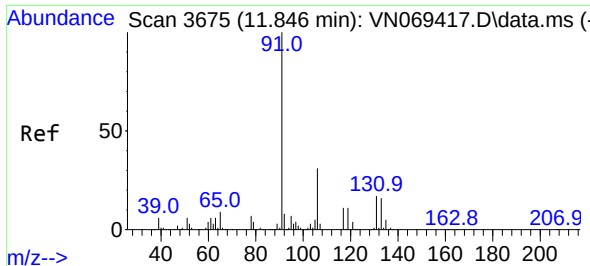


#66
1,1,1,2-Tetrachloroethane
Concen: 58.188 ug/l
RT: 11.841 min Scan# 3673
Delta R.T. -0.002 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22



Tgt Ion:131 Resp: 649260
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.7
119 64.8 32.1 96.5





#67

Ethyl Benzene

Concen: 55.325 ug/l

RT: 11.843 min Scan# 30

Delta R.T. -0.003 min

Lab File: VN069582.D

Acq: 19 Nov 2021 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 3282449

Ion Ratio Lower Upper

91 100

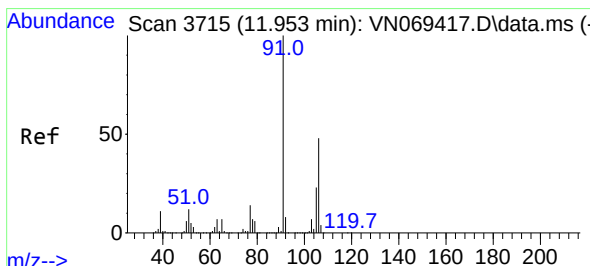
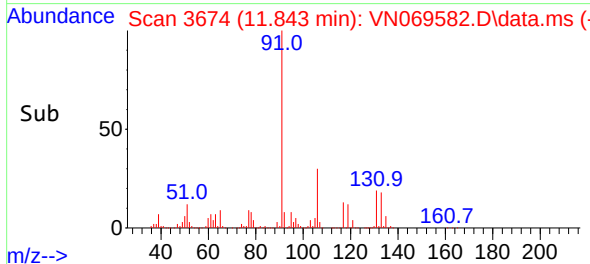
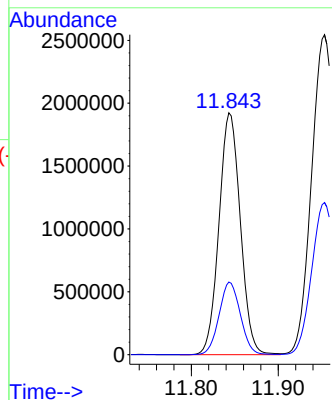
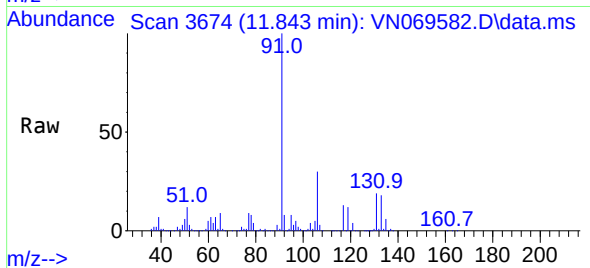
106 30.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2021

Supervised By :Mahesh Dadoda 11/26/2021



#68

m/p-Xylenes

Concen: 109.466 ug/l

RT: 11.953 min Scan# 3715

Delta R.T. 0.000 min

Lab File: VN069582.D

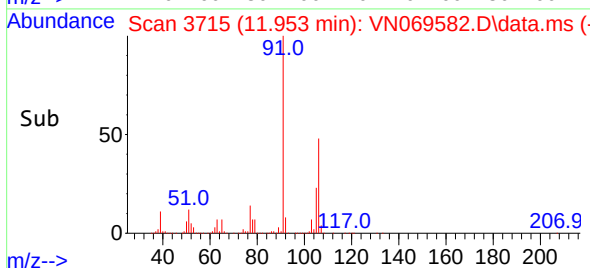
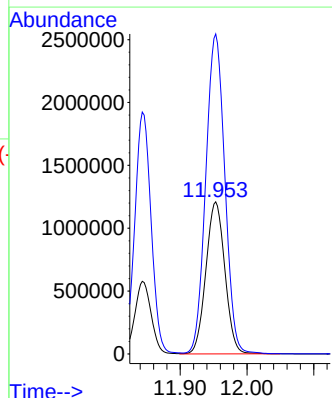
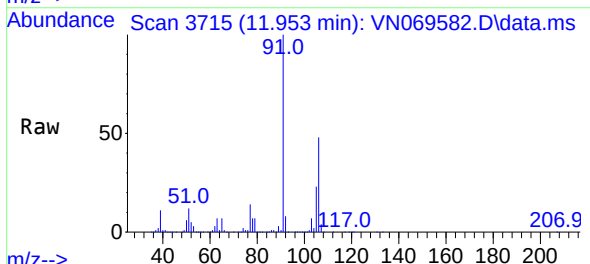
Acq: 19 Nov 2021 11:22

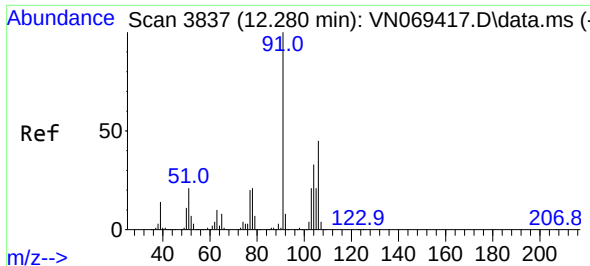
Tgt Ion:106 Resp: 2388633

Ion Ratio Lower Upper

106 100

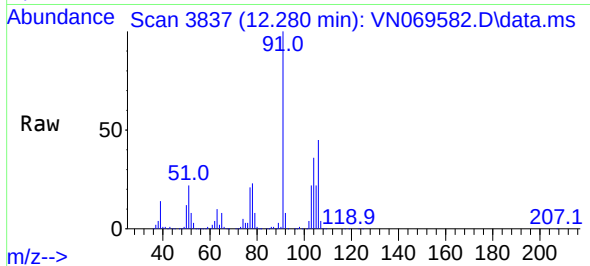
91 211.3 160.6 240.8





#69
o-Xylene
Concen: 55.466 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

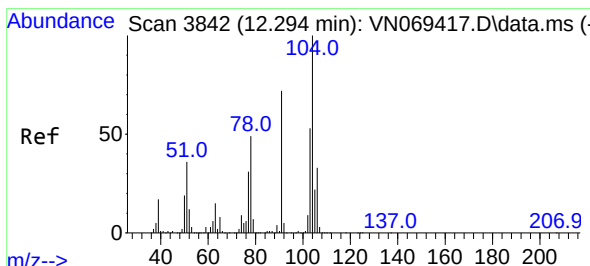
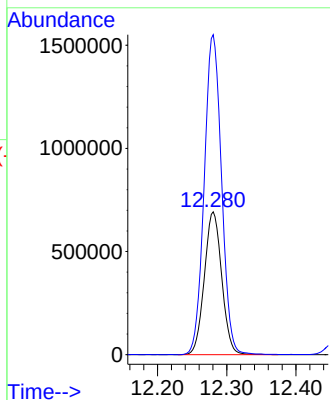
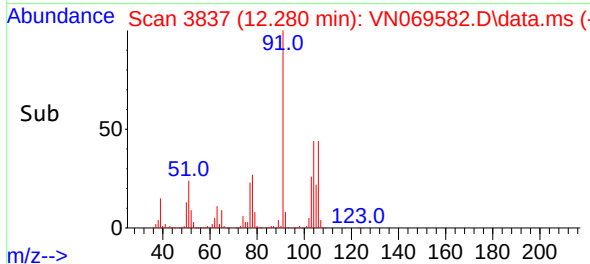
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



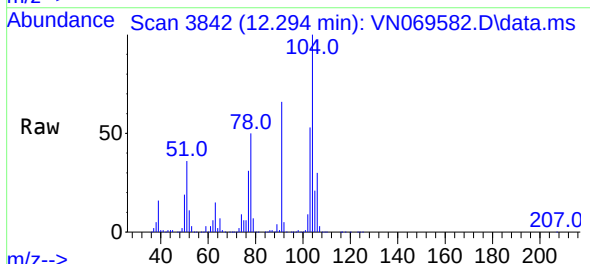
Tgt Ion:106 Resp: 1206602
Ion Ratio Lower Upper
106 100
91 223.3 105.8 317.3

Manual Integrations
APPROVED

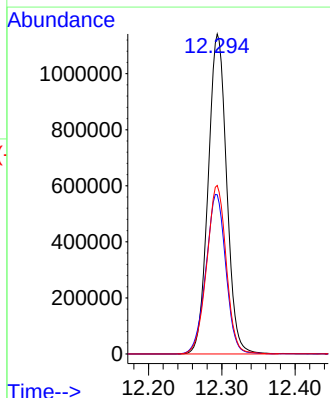
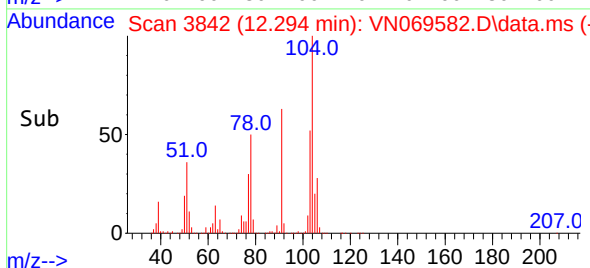
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

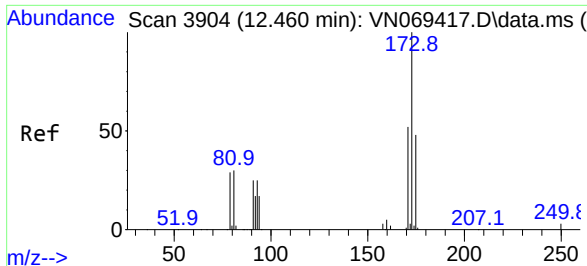


#70
Styrene
Concen: 51.283 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22



Tgt Ion:104 Resp: 2004575
Ion Ratio Lower Upper
104 100
78 53.7 38.7 58.1
103 55.7 45.0 67.6





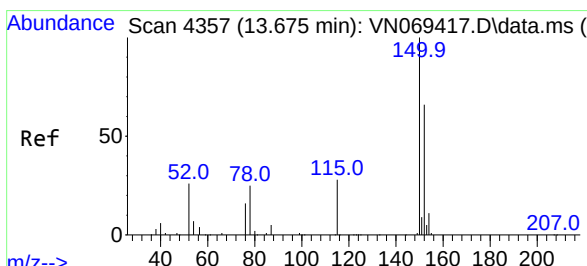
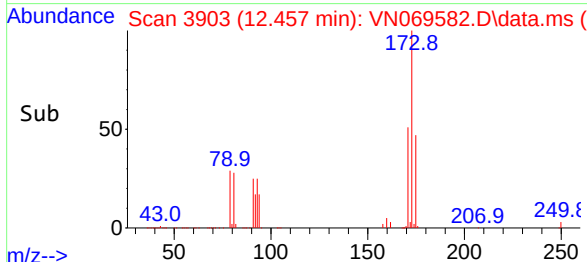
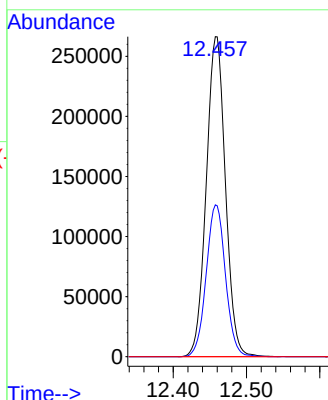
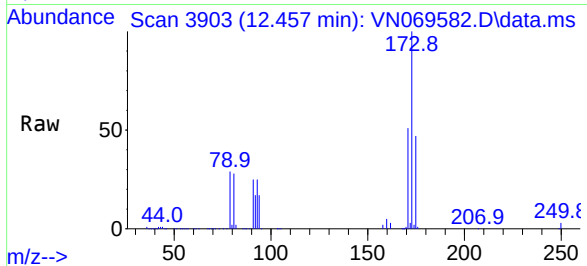
#71
Bromoform
Concen: 49.974 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 484148
Ion Ratio Lower Upper
173 100
175 47.7 24.2 72.6
254 0.0 0.0 0.0

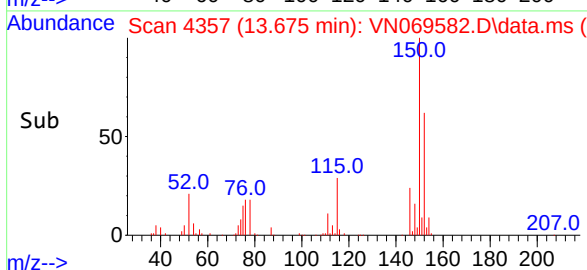
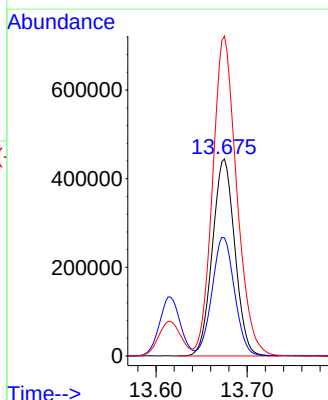
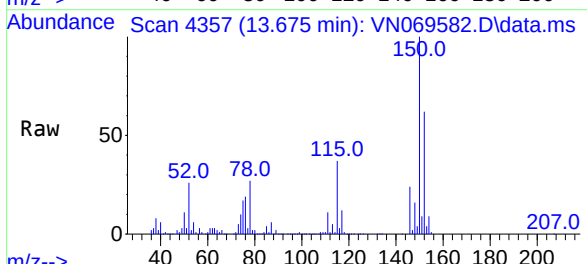
Manual Integrations
APPROVED

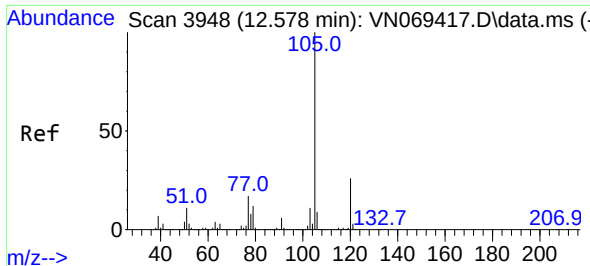
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

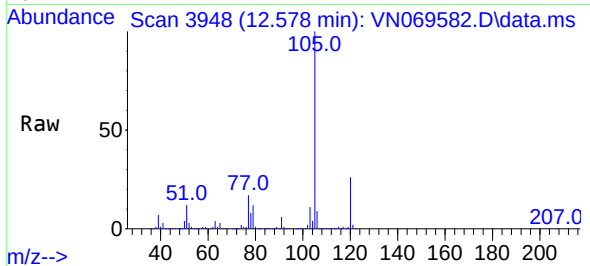
Tgt Ion:152 Resp: 760857
Ion Ratio Lower Upper
152 100
115 60.2 27.5 82.5
150 174.6 0.0 344.4





#73
Isopropylbenzene
Concen: 53.798 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. 0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

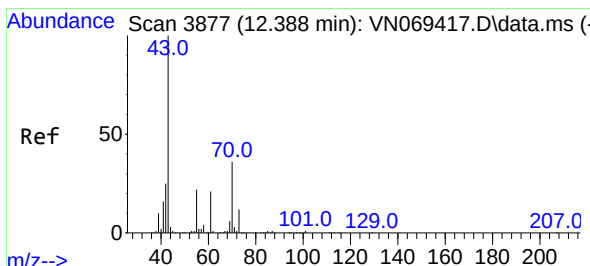
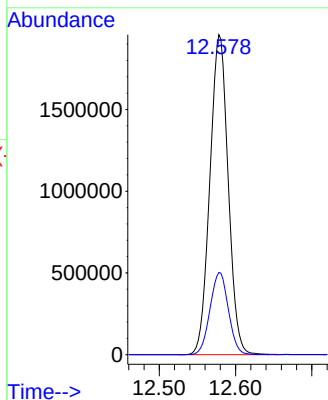
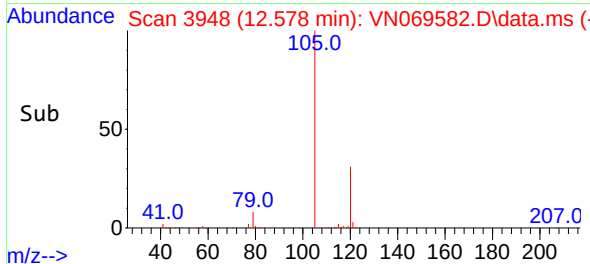
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



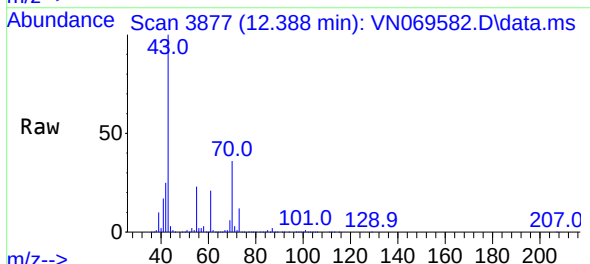
Tgt Ion:105 Resp: 3259089
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

Manual Integrations
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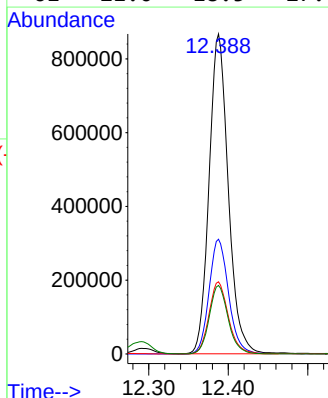
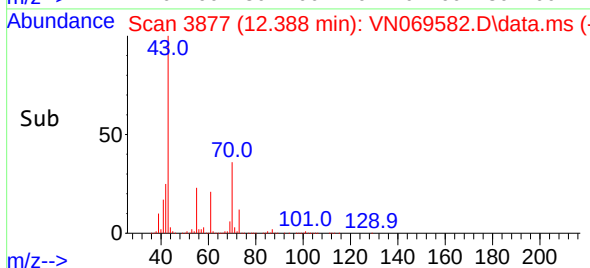
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

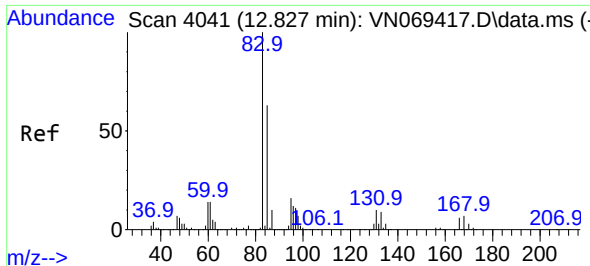


#74
N-ethyl acetate
Concen: 56.542 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. -0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22



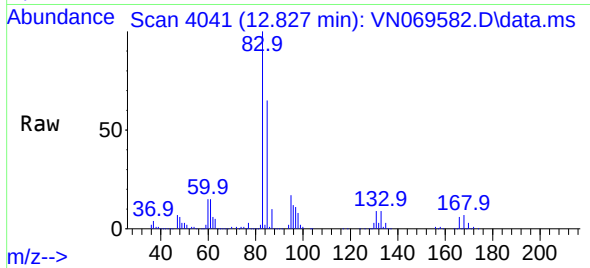
Tgt Ion: 43 Resp: 1451619
Ion Ratio Lower Upper
43 100
70 36.6 33.4 50.0
55 22.9 19.3 28.9
61 21.0 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 52.859 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

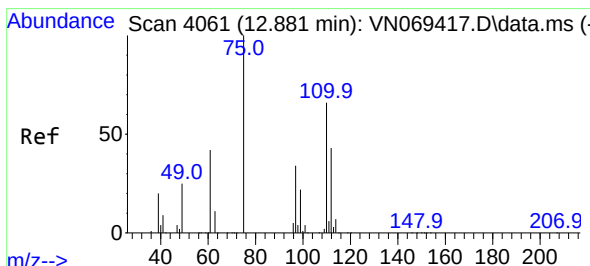
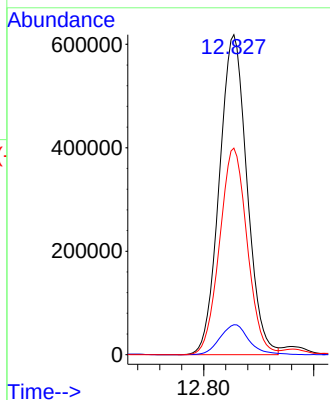
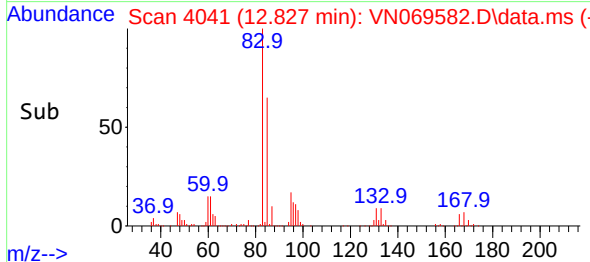
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



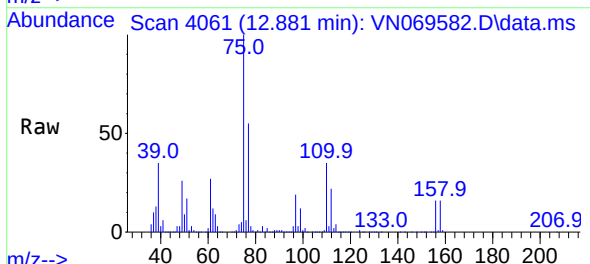
Tgt Ion: 83 Resp: 108000
Ion Ratio Lower Upper
83 100
131 9.9 5.5 16.5
85 64.5 32.4 97.2

Manual Integrations
APPROVED

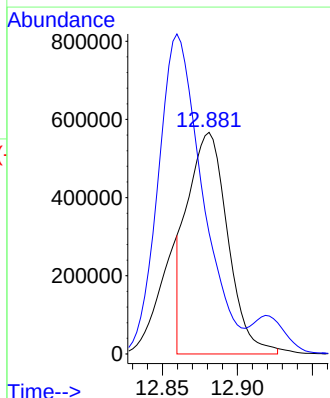
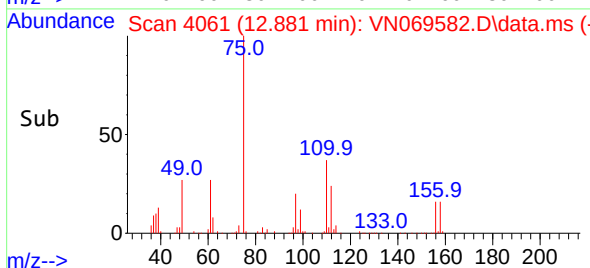
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

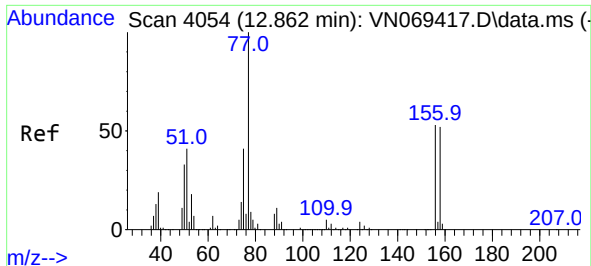


#76
1,2,3-Trichloropropane
Concen: 60.134 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22



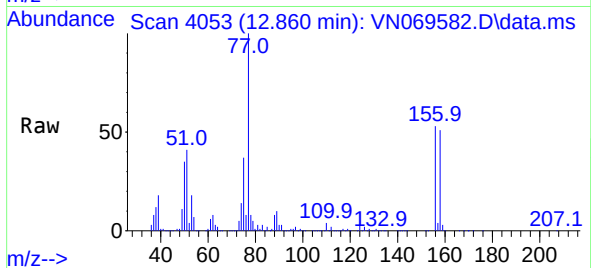
Tgt Ion: 75 Resp: 1055883
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 53.847 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.002 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

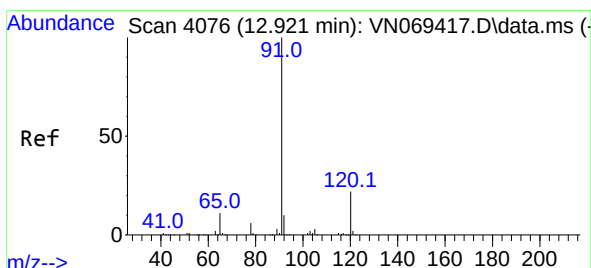
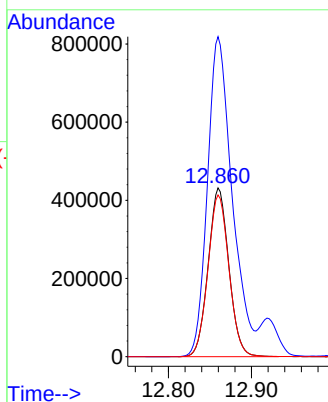
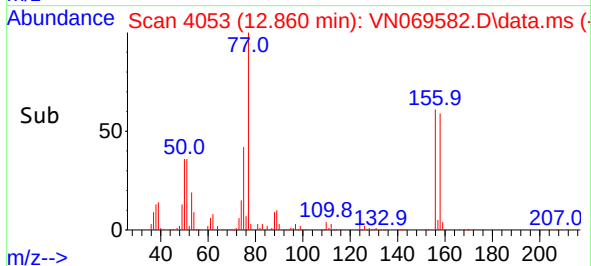
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



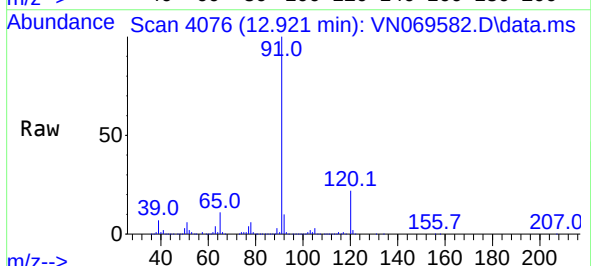
Tgt Ion:156 Resp: 746035
Ion Ratio Lower Upper
156 100
77 226.1 90.6 271.8
158 97.6 48.9 146.7

Manual Integrations
APPROVED

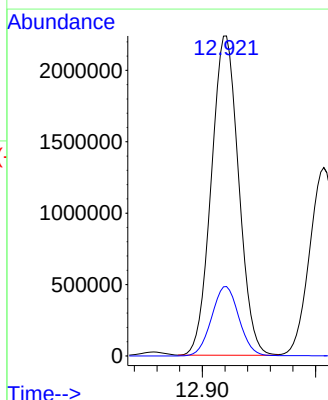
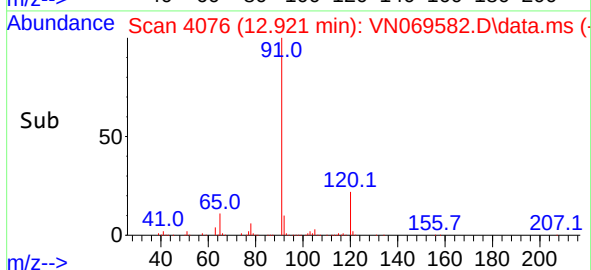
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

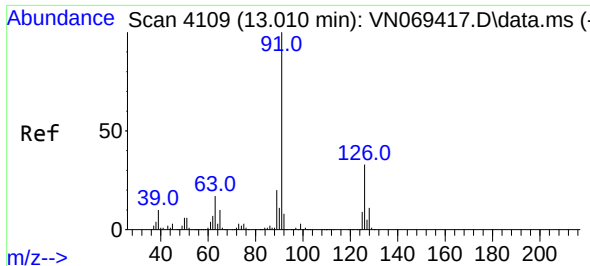


#78
n-propylbenzene
Concen: 54.979 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22



Tgt Ion: 91 Resp: 3747696
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





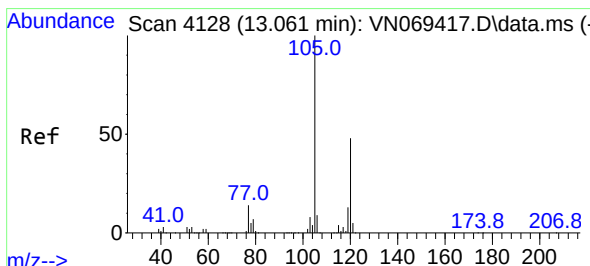
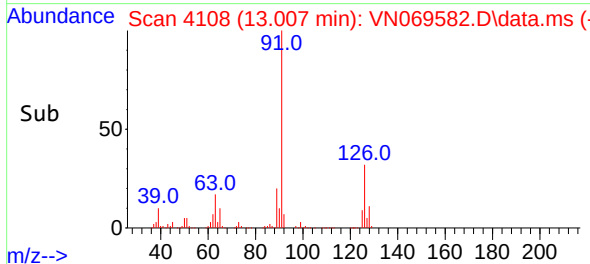
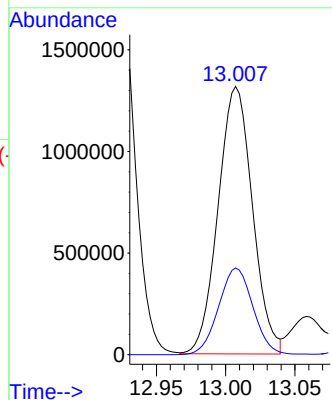
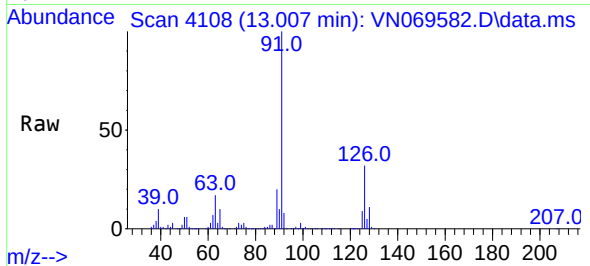
#79
2-Chlorotoluene
Concen: 53.866 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 227348
Ion Ratio Lower Upper
91 100
126 32.5 18.3 54.8

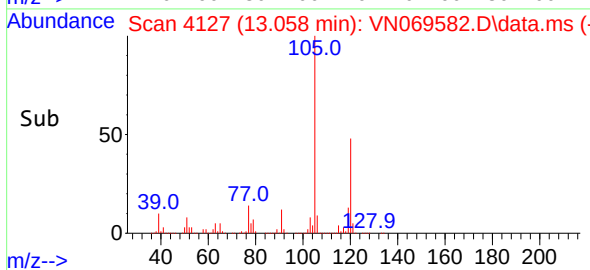
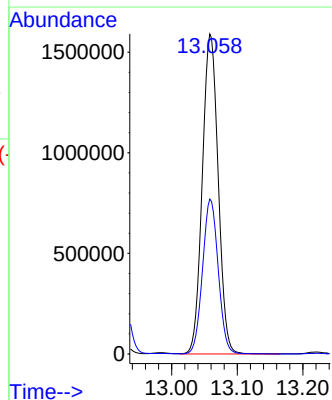
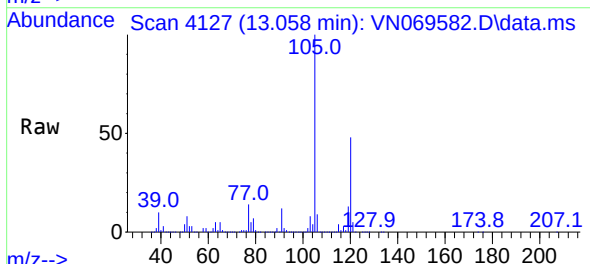
Manual Integrations
APPROVED

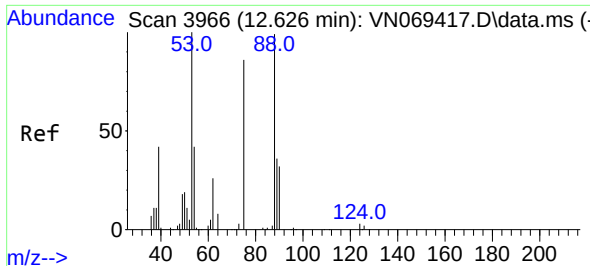
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#80
1,3,5-Trimethylbenzene
Concen: 54.505 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

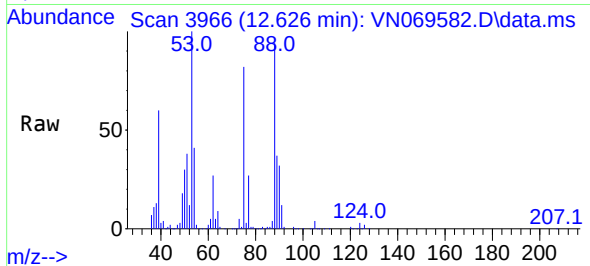
Tgt Ion:105 Resp: 2669346
Ion Ratio Lower Upper
105 100
120 47.7 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 48.229 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

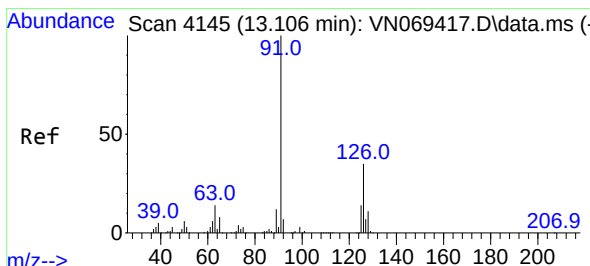
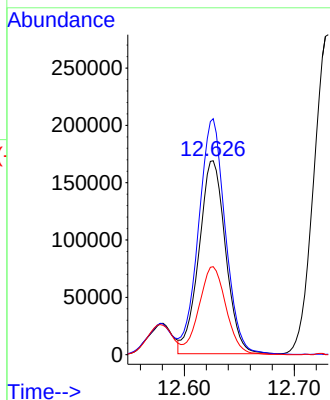
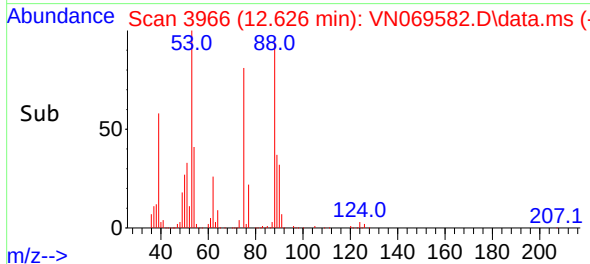
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



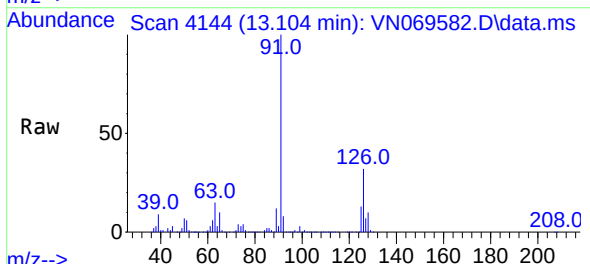
Tgt Ion: 75 Resp: 283129
Ion Ratio Lower Upper
75 100
53 123.1 90.5 135.7
89 46.3 38.2 57.4

Manual Integrations
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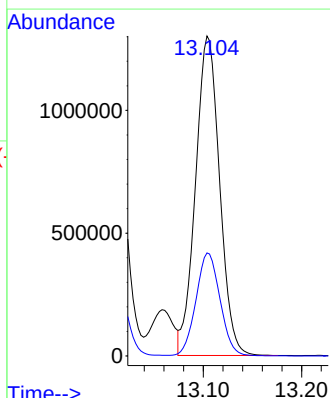
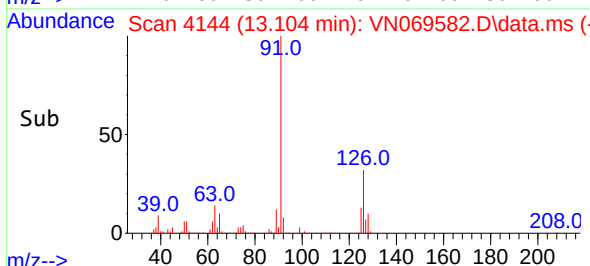
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

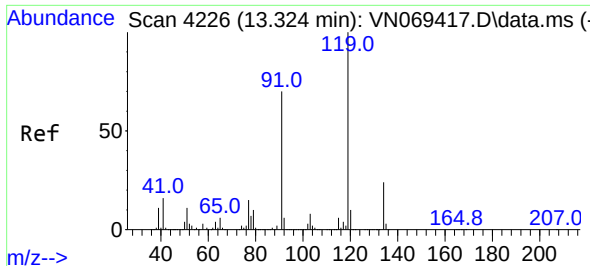


#82
4-Chlorotoluene
Concen: 54.976 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.002 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22



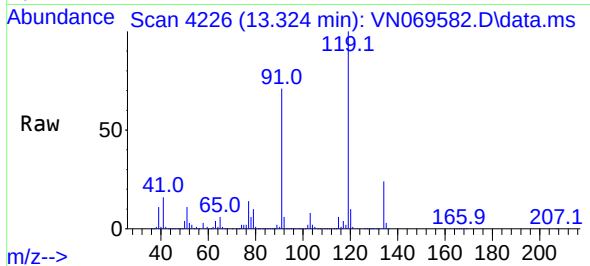
Tgt Ion: 91 Resp: 2211912
Ion Ratio Lower Upper
91 100
126 32.2 18.2 54.6





#83
tert-Butylbenzene
Concen: 54.920 ug/l
RT: 13.324 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

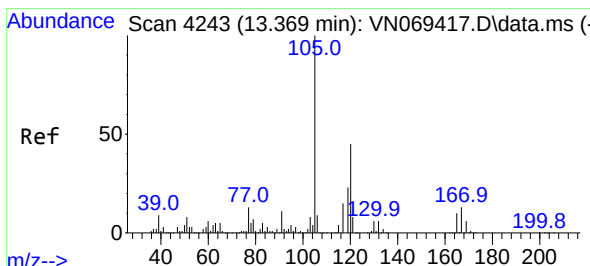
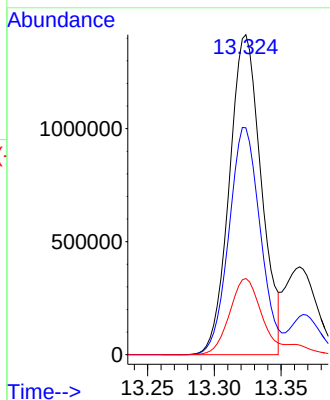
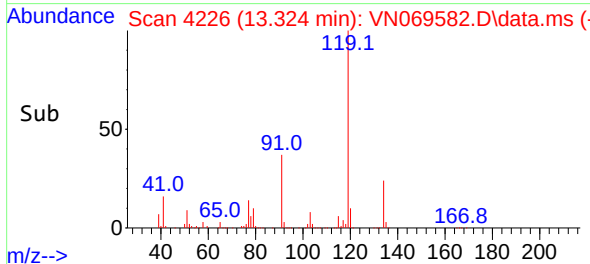
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



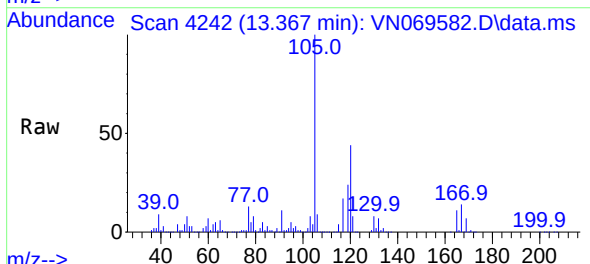
Tgt Ion:119 Resp: 2357000
Ion Ratio Lower Upper
119 100
91 69.9 31.5 94.5
134 26.3 12.4 37.4

Manual Integrations
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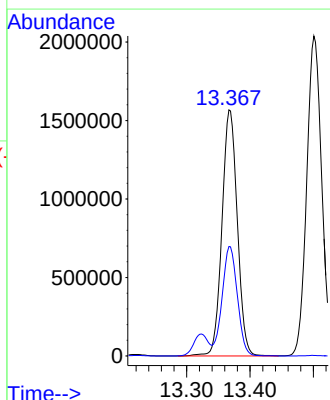
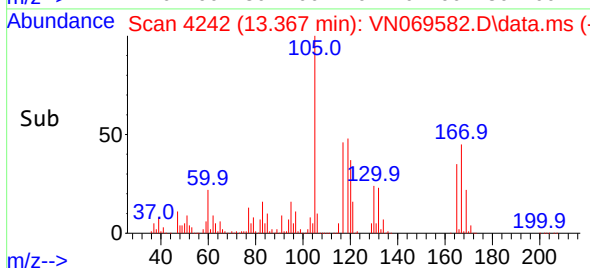
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

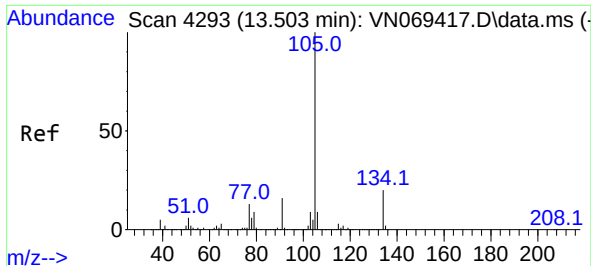


#84
1,2,4-Trimethylbenzene
Concen: 55.719 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. -0.002 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22



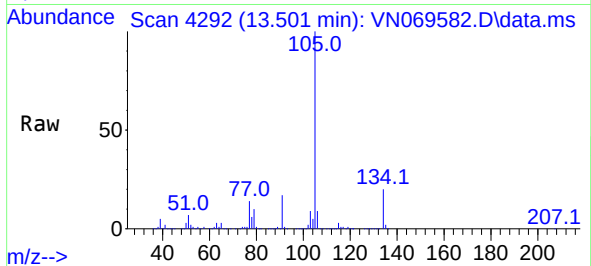
Tgt Ion:105 Resp: 2634336
Ion Ratio Lower Upper
105 100
120 44.2 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 55.700 ug/l
 RT: 13.501 min Scan# 41
 Delta R.T. -0.002 min
 Lab File: VN069582.D
 Acq: 19 Nov 2021 11:22

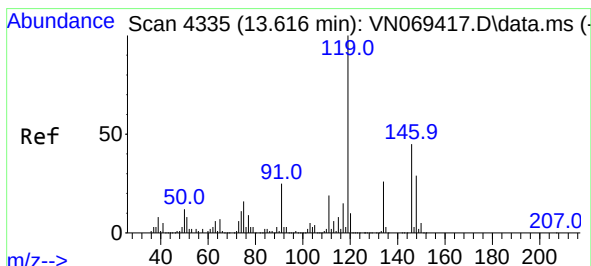
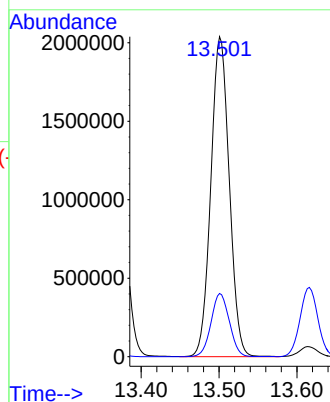
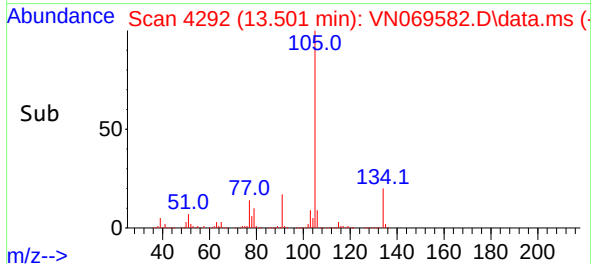
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



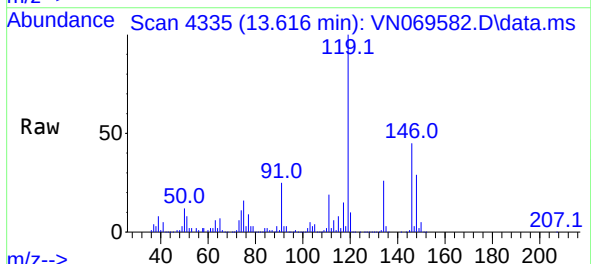
Tgt Ion:105 Resp: 3339280
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.1

Manual Integrations
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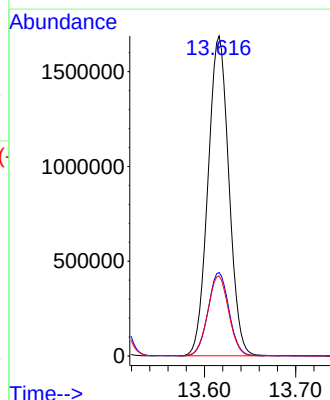
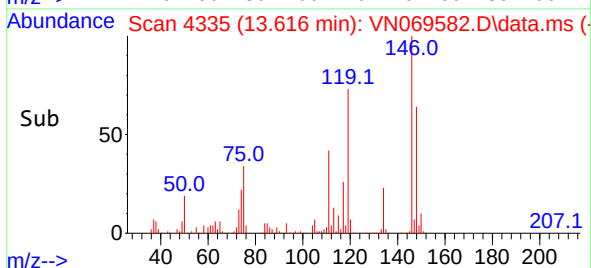
Reviewed By :John Carlone 11/22/2021
 Supervised By :Mahesh Dadoda 11/26/2021

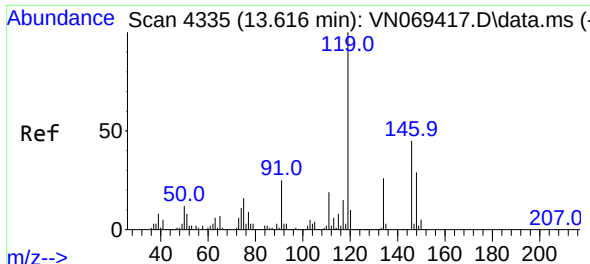


#86
 p-Isopropyltoluene
 Concen: 56.392 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069582.D
 Acq: 19 Nov 2021 11:22



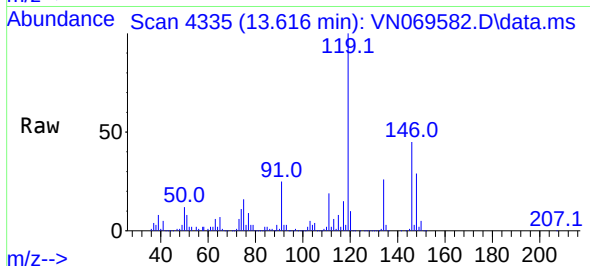
Tgt Ion:119 Resp: 2683817
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.6 40.7
 91 25.0 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 55.059 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

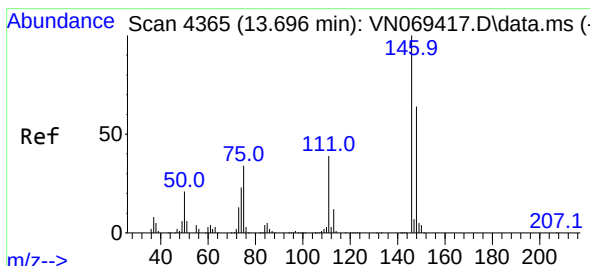
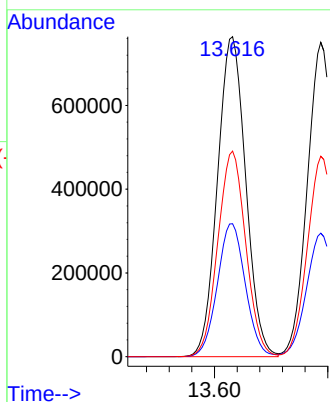
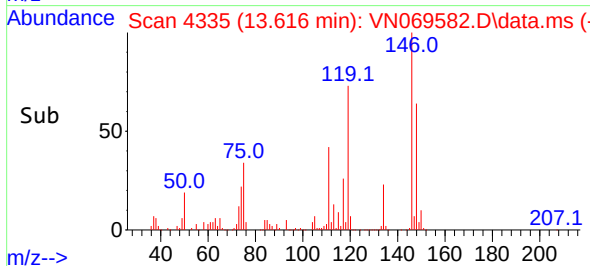
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



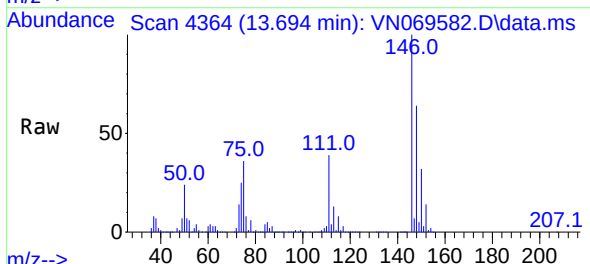
Tgt Ion:146 Resp: 132253
Ion Ratio Lower Upper
146 100
111 41.2 18.6 55.6
148 63.7 31.6 95.0

Manual Integrations
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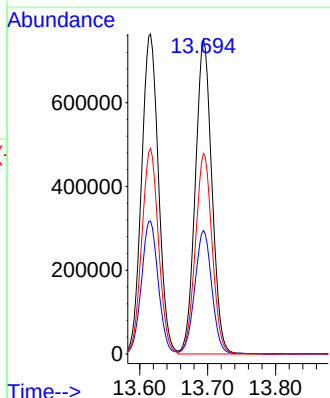
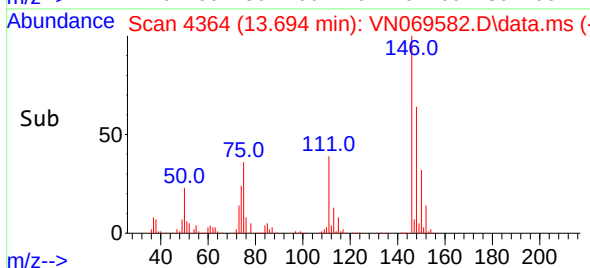
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

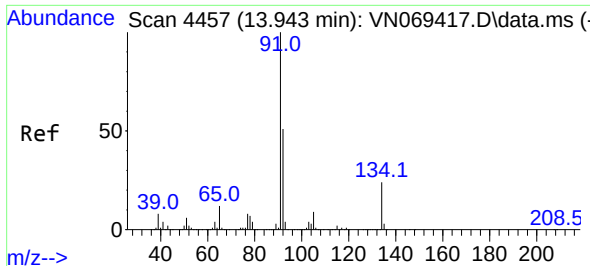


#88
1,4-Dichlorobenzene
Concen: 53.892 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22



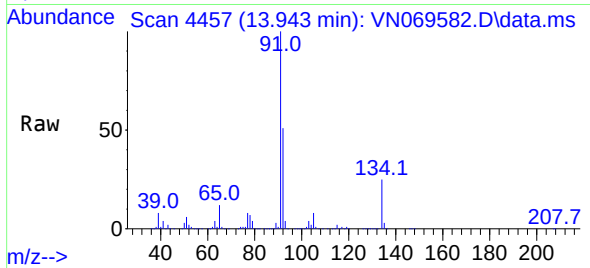
Tgt Ion:146 Resp: 1269937
Ion Ratio Lower Upper
146 100
111 40.0 18.3 54.8
148 64.4 31.8 95.4





#89
n-Butylbenzene
Concen: 56.709 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

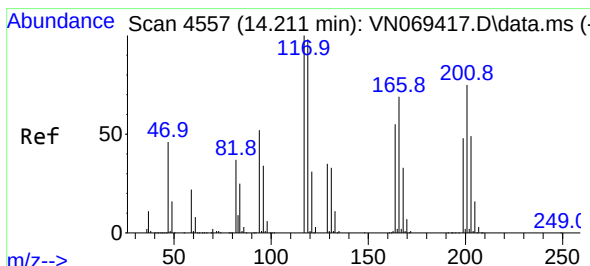
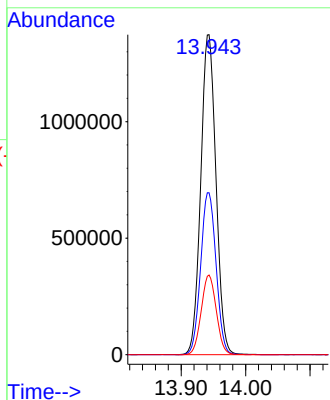
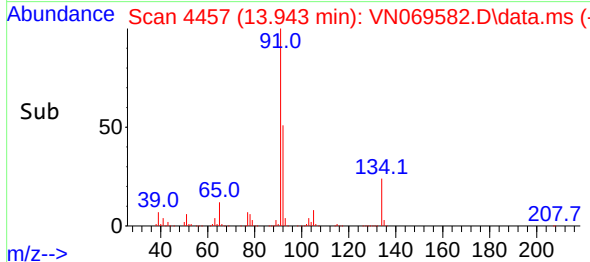
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 2250644
Ion Ratio Lower Upper
91 100
92 51.4 25.4 76.0
134 24.6 13.6 40.8

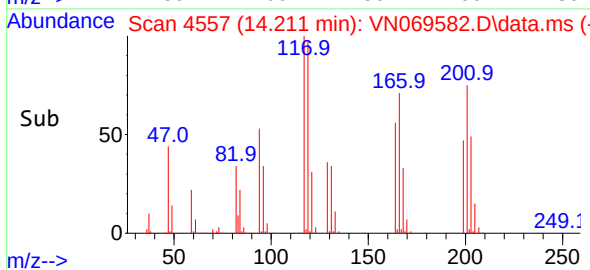
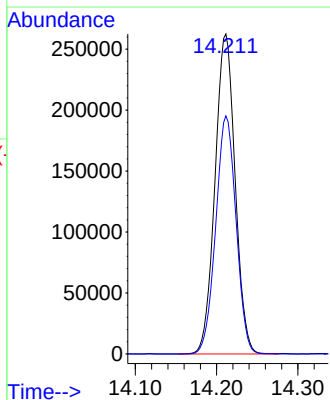
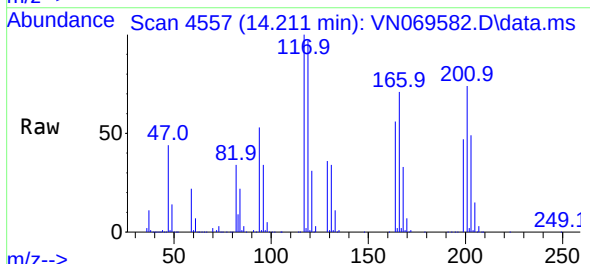
Manual Integrations
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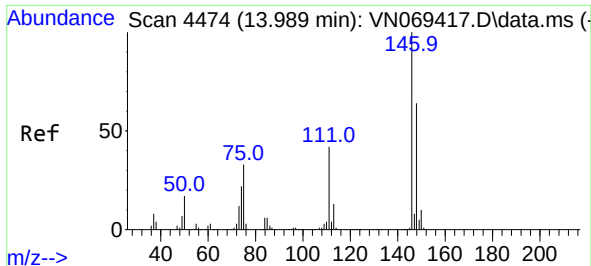
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#90
Hexachloroethane
Concen: 51.535 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

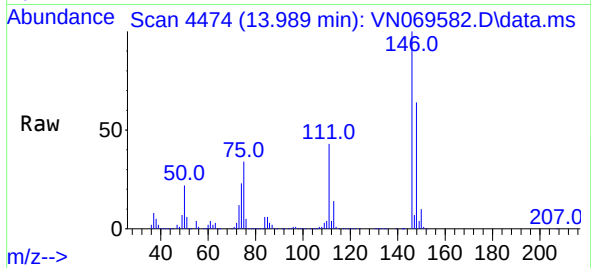
Tgt Ion:117 Resp: 451424
Ion Ratio Lower Upper
117 100
201 75.1 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 55.327 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

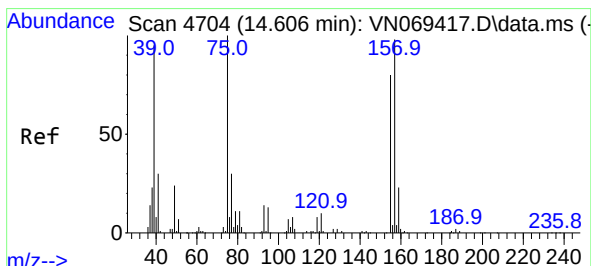
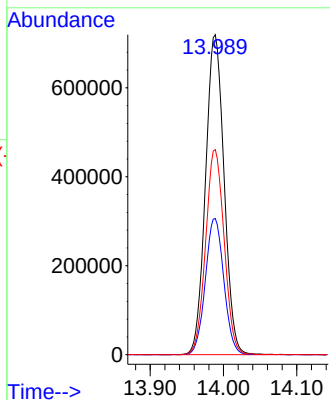
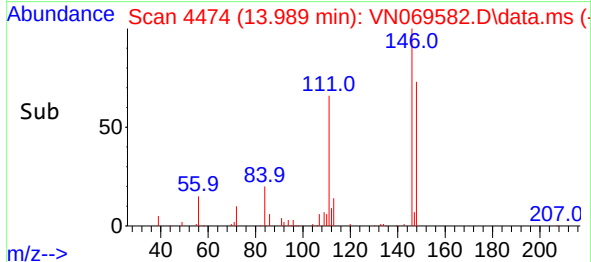
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



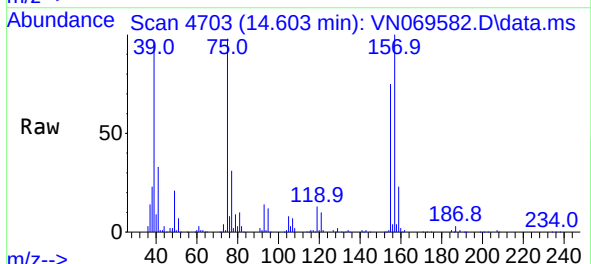
Tgt Ion:146 Resp: 126460
Ion Ratio Lower Upper
146 100
111 42.6 19.1 57.3
148 64.2 32.1 96.3

Manual Integrations
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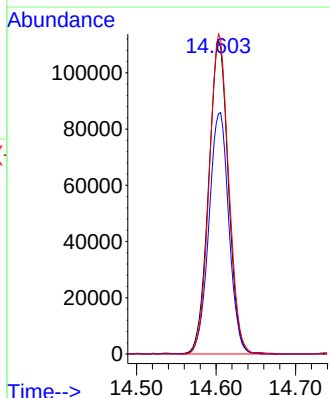
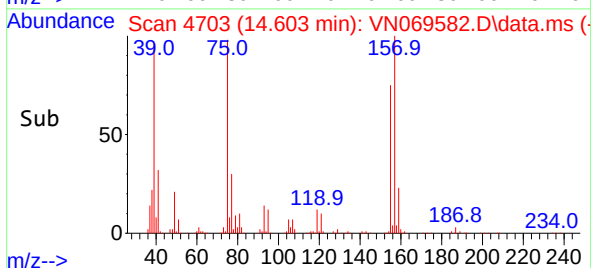
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

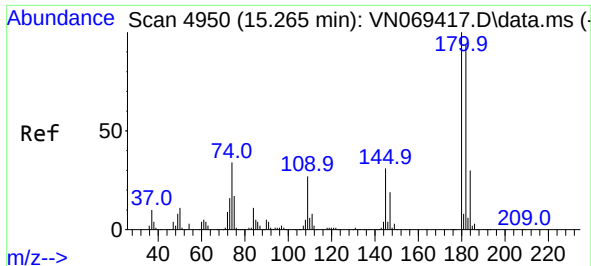


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.665 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22



Tgt Ion: 75 Resp: 192555
Ion Ratio Lower Upper
75 100
155 77.6 46.9 140.7
157 100.7 60.6 181.7





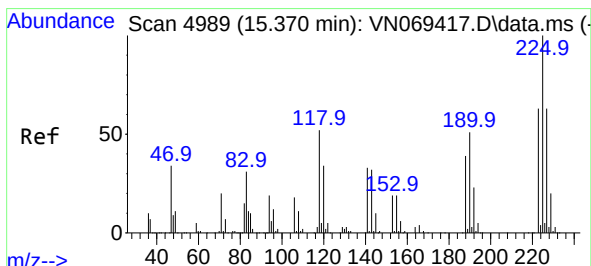
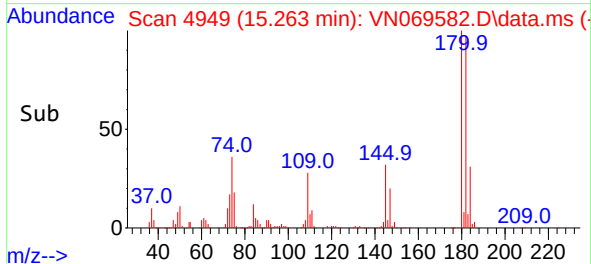
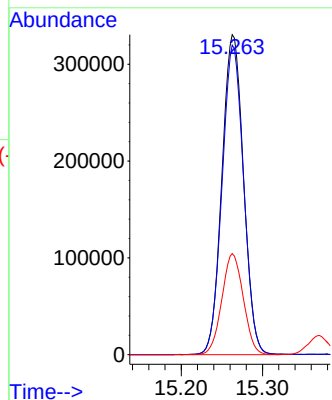
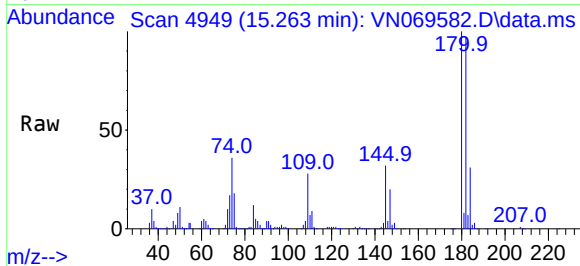
#93
1,2,4-Trichlorobenzene
Concen: 50.838 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 609514
Ion Ratio Lower Upper
180 100
182 96.3 48.3 144.9
145 31.4 14.5 43.5

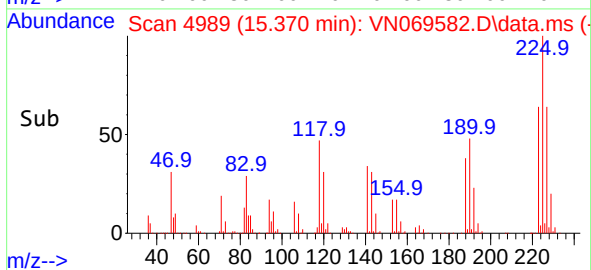
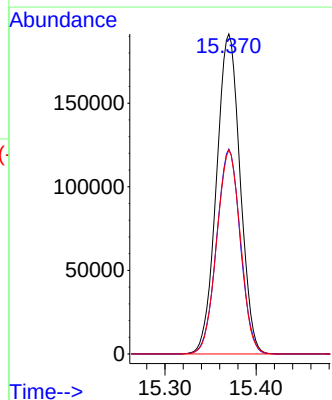
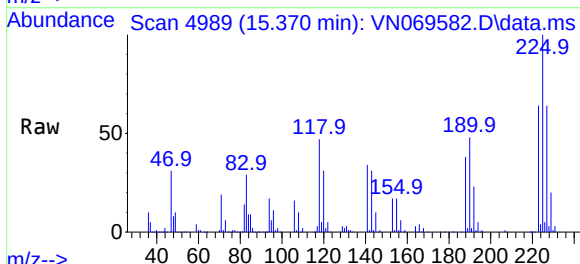
Manual Integrations
APPROVED

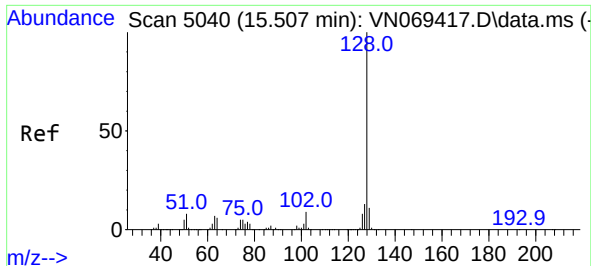
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#94
Hexachlorobutadiene
Concen: 58.053 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

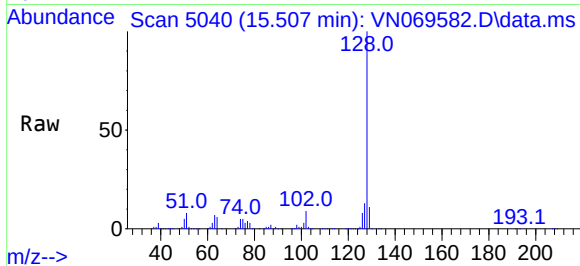
Tgt Ion:225 Resp: 344775
Ion Ratio Lower Upper
225 100
223 64.2 31.9 95.7
227 63.9 32.1 96.3





#95
Naphthalene
Concen: 50.243 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22

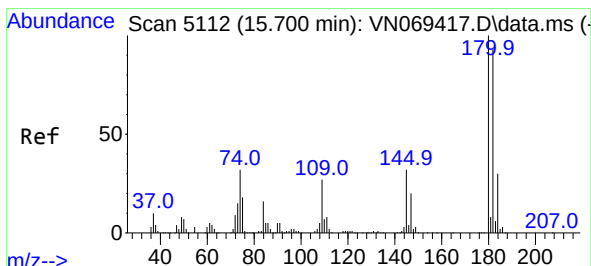
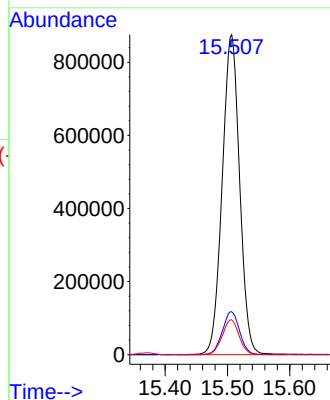
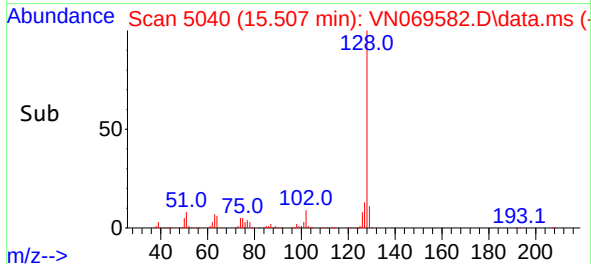
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



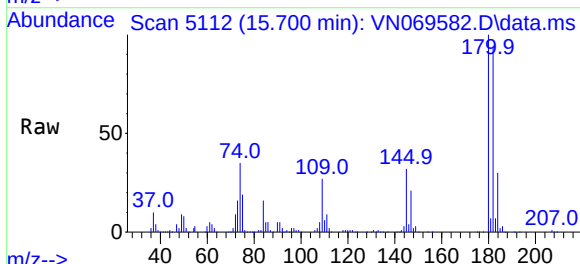
Tgt Ion:128 Resp: 1697825
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#96
1,2,3-Trichlorobenzene
Concen: 52.465 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN069582.D
Acq: 19 Nov 2021 11:22



Tgt Ion:180 Resp: 602755
Ion Ratio Lower Upper
180 100
182 94.3 47.4 142.2
145 32.9 15.0 45.1

