

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111221\
 Data File : VN069481.D
 Acq On : 12 Nov 2021 20:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2021
 Supervised By : Mahesh Dadoda 11/17/2021

Quant Time: Nov 15 03:33:16 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	999581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1701192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1618578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	713778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	722135	49.825	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.660%		
35) Dibromofluoromethane	8.024	113	518150	50.784	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.560%		
50) Toluene-d8	10.443	98	2016830	50.260	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.520%		
62) 4-Bromofluorobenzene	12.731	95	751994	51.012	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	556239	52.087	ug/l	99
3) Chloromethane	2.301	50	618619	49.950	ug/l	99
4) Vinyl Chloride	2.443	62	617701	49.812	ug/l	99
5) Bromomethane	2.832	94	369563	45.888	ug/l	97
6) Chloroethane	3.003	64	400847	47.890	ug/l	94
7) Trichlorofluoromethane	3.365	101	919183	47.960	ug/l	99
8) Diethyl Ether	3.821	74	351535	56.692	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.197	101	447344	49.551	ug/l	95
10) Methyl Iodide	4.411	142	595522	53.781	ug/l	97
11) Tert butyl alcohol	5.393	59	719382	275.451	ug/l #	87
12) 1,1-Dichloroethene	4.170	96	411645	50.810	ug/l	91
13) Acrolein	4.038	56	95564	258.627	ug/l	99
14) Allyl chloride	4.830	41	930040	51.923	ug/l	94
15) Acrylonitrile	5.556	53	1938528	289.852	ug/l	99
16) Acetone	4.288	43	1806444	231.009	ug/l	96
17) Carbon Disulfide	4.521	76	864519	45.143	ug/l	98
18) Methyl Acetate	4.856	43	1383347	54.420	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	1865432	54.407	ug/l	96
20) Methylene Chloride	5.092	84	547412	49.367	ug/l	87
21) trans-1,2-Dichloroethene	5.594	96	466963	51.604	ug/l	91
22) Diisopropyl ether	6.498	45	2103568	54.519	ug/l	96
23) Vinyl Acetate	6.436	43	8352668	279.893	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1030341	52.428	ug/l	99
25) 2-Butanone	7.340	43	2912632	275.071	ug/l	93
26) 2,2-Dichloropropane	7.327	77	720937	46.886	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	596094	53.140	ug/l	89
28) Bromochloromethane	7.659	49	573828	57.017	ug/l #	81
29) Tetrahydrofuran	7.689	42	1931357	297.223	ug/l	90
30) Chloroform	7.817	83	1083502	53.778	ug/l	100
31) Cyclohexane	8.094	56	937878	47.366	ug/l	92
32) 1,1,1-Trichloroethane	8.013	97	904558	53.788	ug/l	96
36) 1,1-Dichloropropene	8.222	75	740620	51.739	ug/l	97
37) Ethyl Acetate	7.415	43	1143921	59.117	ug/l	95
38) Carbon Tetrachloride	8.206	117	729757	52.805	ug/l	97
39) Methylcyclohexane	9.461	83	888393	49.890	ug/l	90
40) Benzene	8.461	78	2326246	52.649	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	559364	55.945	ug/l	91
42) 1,2-Dichloroethane	8.531	62	916519	52.976	ug/l	97
43) Isopropyl Acetate	8.563	43	1770244	56.957	ug/l	94
44) Trichloroethene	9.217	130	558204	52.788	ug/l	96
45) 1,2-Dichloropropane	9.491	63	636353	53.907	ug/l	100
46) Dibromomethane	9.579	93	426768	53.974	ug/l	93
47) Bromodichloromethane	9.764	83	811996	55.033	ug/l	100
48) Methyl methacrylate	9.561	41	822573	56.253	ug/l	90
49) 1,4-Dioxane	9.571	88	331652	1138.824	ug/l	88
51) 4-Methyl-2-Pentanone	10.333	43	6023413	300.247	ug/l	96
52) Toluene	10.505	92	1483398	53.891	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	860266	47.557	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	934032	48.899	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	620829	55.952	ug/l	97
56) Ethyl methacrylate	10.762	69	1065255	50.905	ug/l	87
57) 1,3-Dichloropropane	11.046	76	1069960	54.876	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	1239305	232.273	ug/l	93
59) 2-Hexanone	11.087	43	4488994	264.536	ug/l	94
60) Dibromochloromethane	11.240	129	597961	49.143	ug/l	99
61) 1,2-Dibromoethane	11.347	107	636263	51.345	ug/l	100
64) Tetrachloroethene	10.979	164	495888	50.740	ug/l	93
65) Chlorobenzene	11.771	112	1594097	52.912	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	589134	56.378	ug/l	99
67) Ethyl Benzene	11.846	91	2970912	53.468	ug/l	96
68) m/p-Xylenes	11.956	106	2182545	106.800	ug/l	94
69) o-Xylene	12.283	106	1107307	54.351	ug/l	94
70) Styrene	12.296	104	1827073	49.950	ug/l	97
71) Bromoform	12.460	173	438960	48.489	ug/l #	99
73) Isopropylbenzene	12.581	105	2925104	51.470	ug/l	99
74) N-amyl acetate	12.387	43	1408664	58.488	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1029877	53.730	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	858805m	52.136	ug/l	
77) Bromobenzene	12.862	156	683634	52.597	ug/l	80
78) n-propylbenzene	12.921	91	3316187	51.857	ug/l	97
79) 2-Chlorotoluene	13.010	91	2035984	51.421	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	2391632	52.056	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	261514	47.575	ug/l	93
82) 4-Chlorotoluene	13.106	91	1961759	51.974	ug/l	93
83) tert-Butylbenzene	13.326	119	2114577	52.521	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	2331692	52.570	ug/l	98
85) sec-Butylbenzene	13.503	105	2990774	53.177	ug/l	98
86) p-Isopropyltoluene	13.618	119	2363361	52.934	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1186956	52.673	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	1140552	51.593	ug/l	97
89) n-Butylbenzene	13.943	91	1934914	51.969	ug/l	98
90) Hexachloroethane	14.214	117	399124	48.694	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1177540	54.916	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	189905	53.171	ug/l	83
93) 1,2,4-Trichlorobenzene	15.265	180	550455	49.056	ug/l	99
94) Hexachlorobutadiene	15.372	225	289605	51.980	ug/l	99
95) Naphthalene	15.507	128	1772487	55.410	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	562152	52.177	ug/l	99

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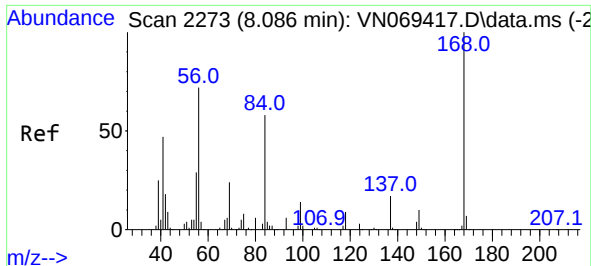
Manual Integrations
APPROVED

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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
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

Instrument :

MSVOA_N

ClientSampleId :

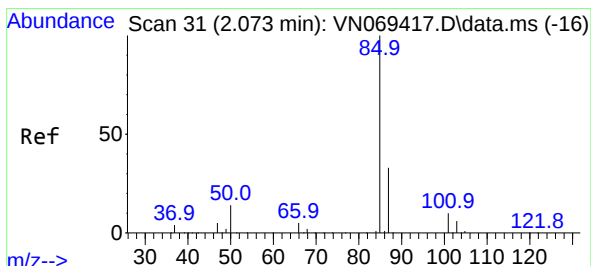
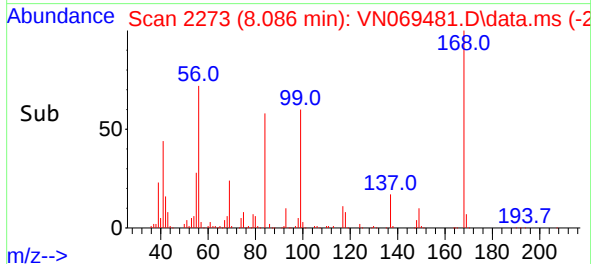
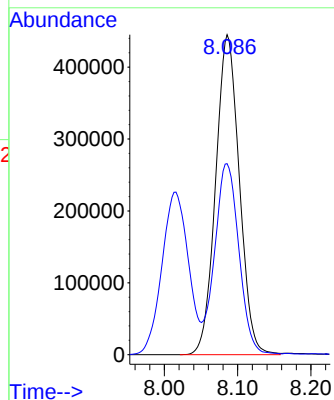
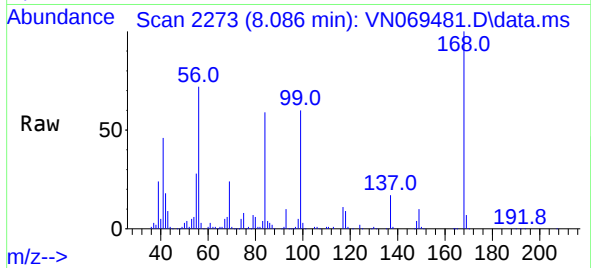
VSTDCCC050EC

Tgt Ion:168 Resp: 99958
Ion Ratio Lower Upper
168 100
99 59.4 41.3 61.9

Manual Integrations

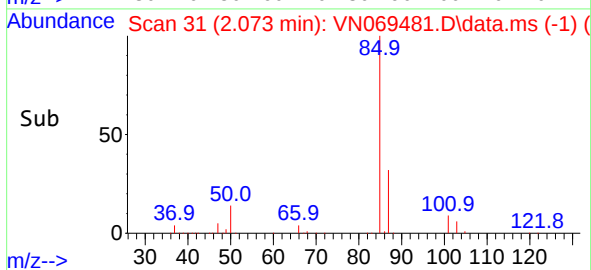
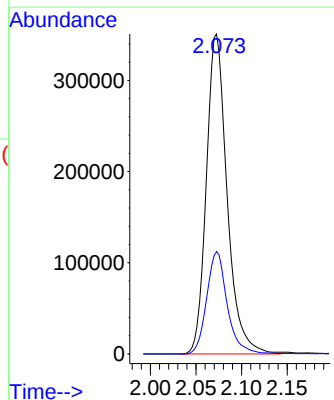
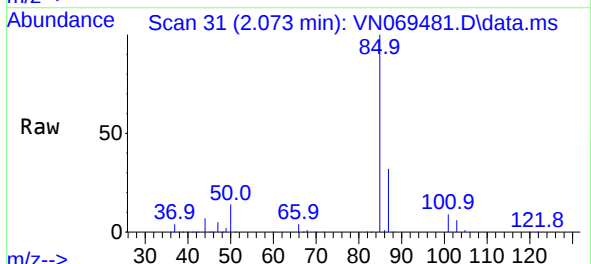
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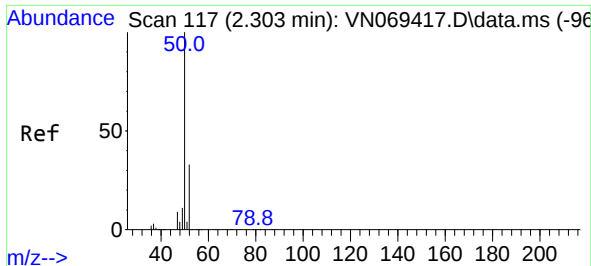
Reviewed By :John Carlone 11/15/2021
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#2
Dichlorodifluoromethane
Concen: 52.087 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

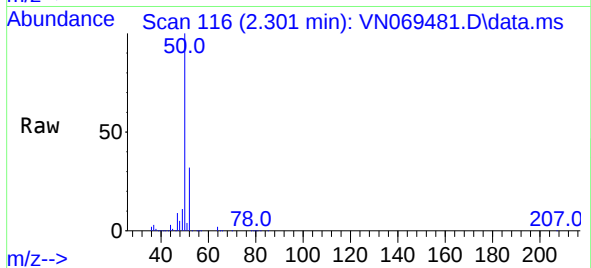
Tgt Ion: 85 Resp: 556239
Ion Ratio Lower Upper
85 100
87 32.0 16.3 48.9





#3
Chloromethane
Concen: 49.950 ug/l
RT: 2.301 min Scan# 117
Delta R.T. -0.002 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

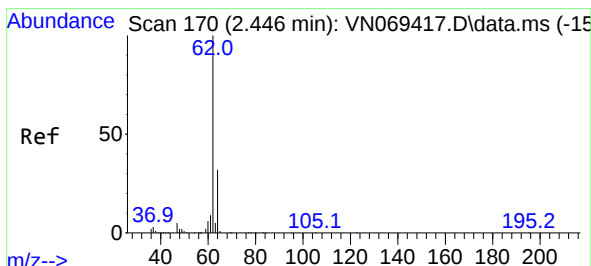
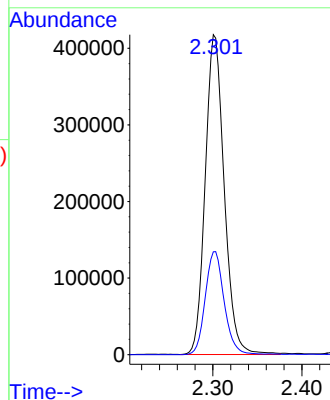
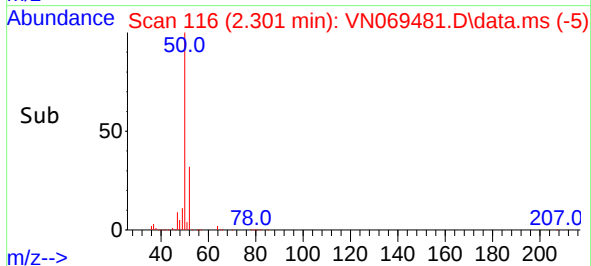
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Tgt Ion: 50 Resp: 618619
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.0

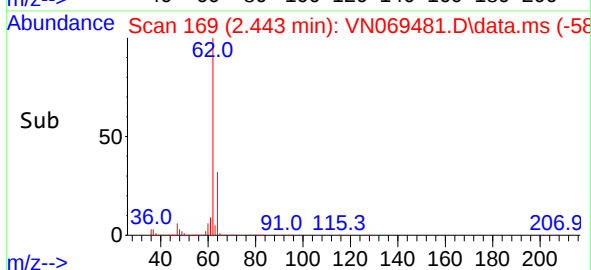
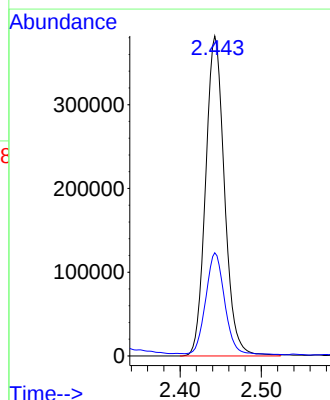
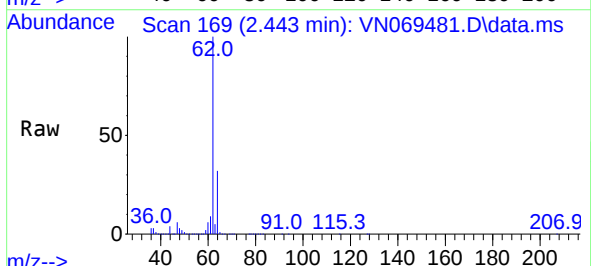
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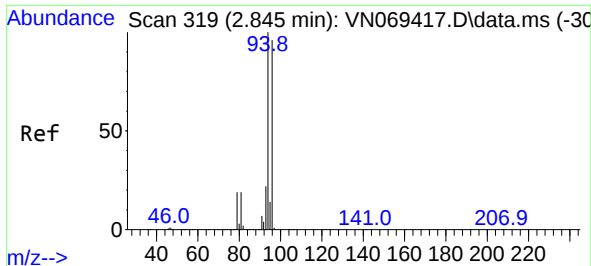
Reviewed By :John Carlone 11/15/2021
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#4
Vinyl Chloride
Concen: 49.812 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.003 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

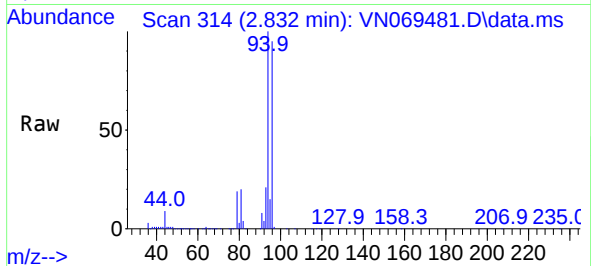
Tgt Ion: 62 Resp: 617701
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6





#5
Bromomethane
Concen: 45.888 ug/l
RT: 2.832 min Scan# 319
Delta R.T. -0.013 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

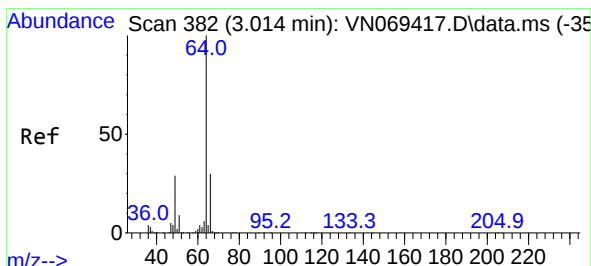
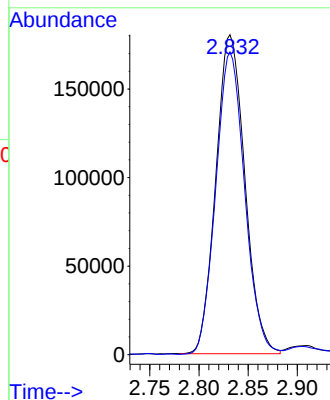
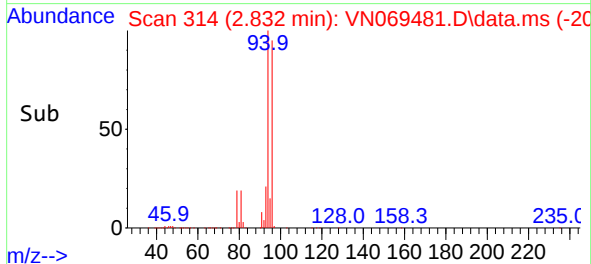
Instrument :
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Tgt Ion: 94 Resp: 36956
Ion Ratio Lower Upper
94 100
96 94.8 73.8 110.8

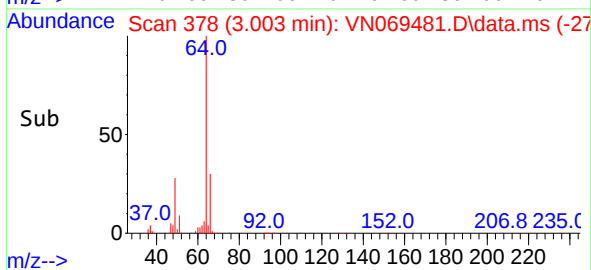
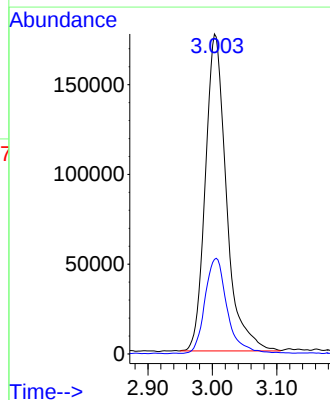
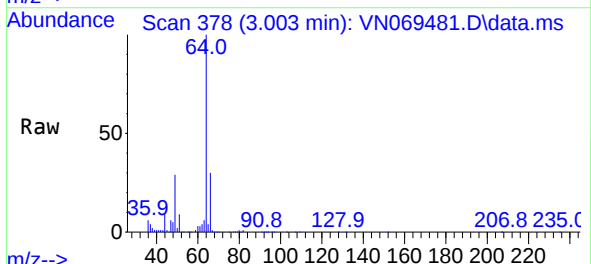
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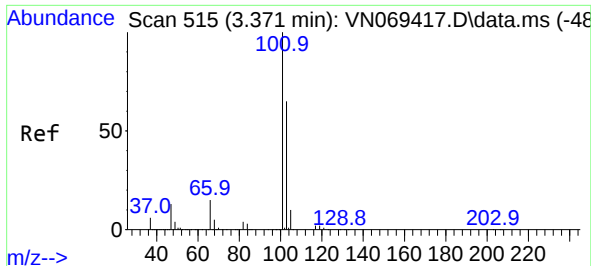
Reviewed By :John Carlone 11/15/2021
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#6
Chloroethane
Concen: 47.890 ug/l
RT: 3.003 min Scan# 378
Delta R.T. -0.011 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

Tgt Ion: 64 Resp: 400847
Ion Ratio Lower Upper
64 100
66 29.7 26.3 39.5





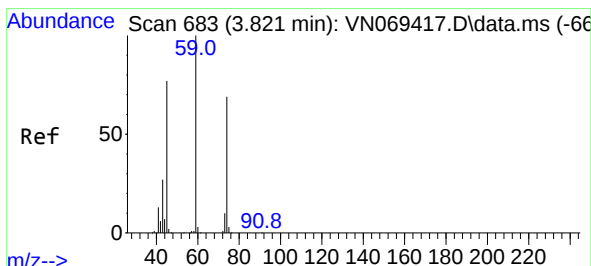
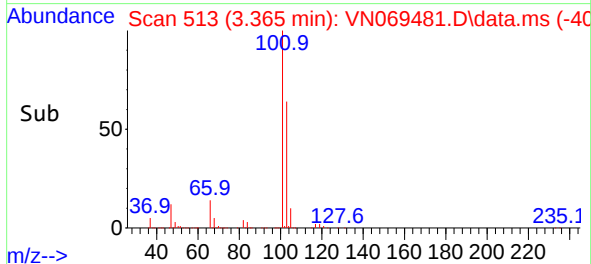
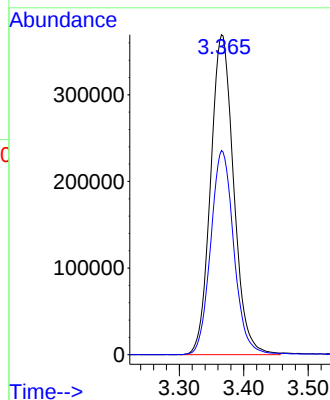
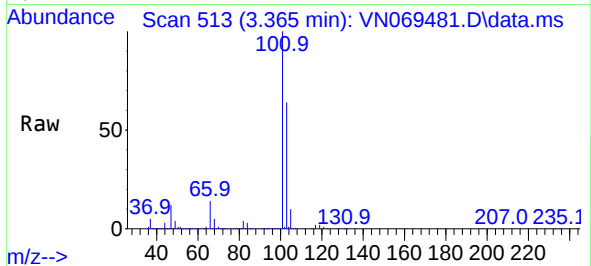
#7
Trichlorofluoromethane
Concen: 47.960 ug/l
RT: 3.365 min Scan# 515
Delta R.T. -0.006 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 91918
Ion Ratio Lower Upper
101 100
103 63.7 50.1 75.1

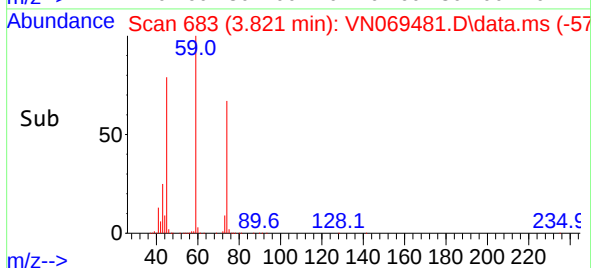
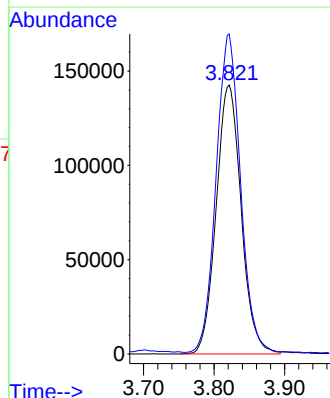
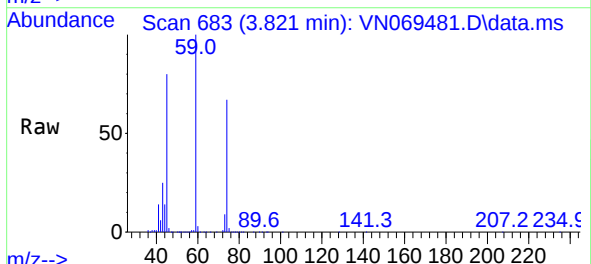
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#8
Diethyl Ether
Concen: 56.692 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

Tgt Ion: 74 Resp: 351535
Ion Ratio Lower Upper
74 100
45 114.9 47.0 141.2





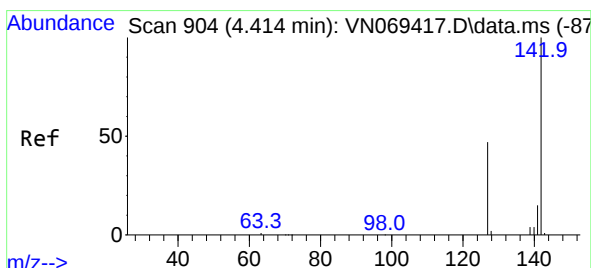
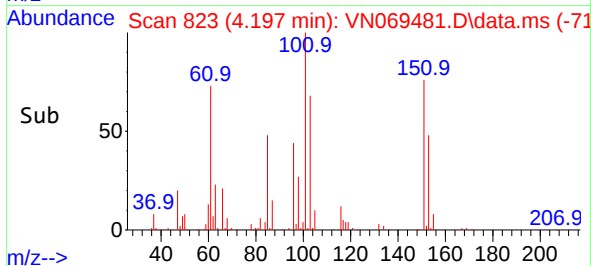
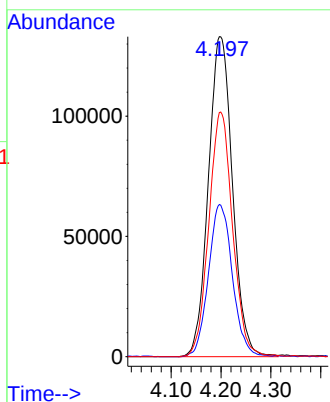
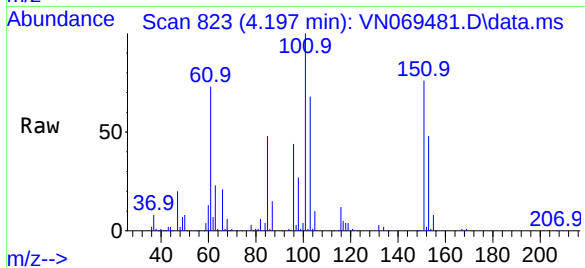
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.551 ug/l
RT: 4.197 min Scan# 81
Delta R.T. -0.005 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 447344
Ion Ratio Lower Upper
101 100
85 47.3 37.2 55.8
151 75.4 65.9 98.9

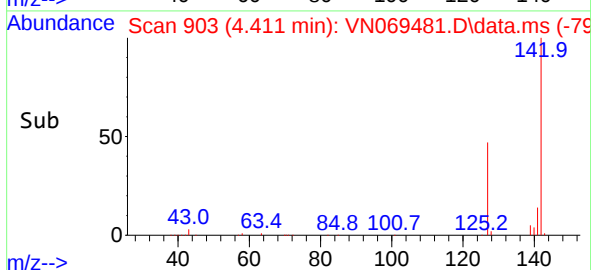
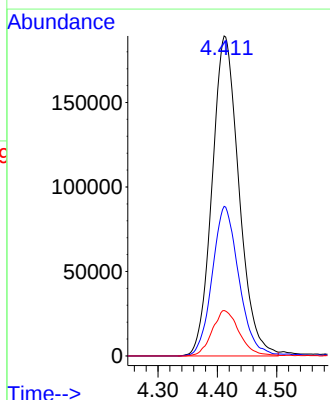
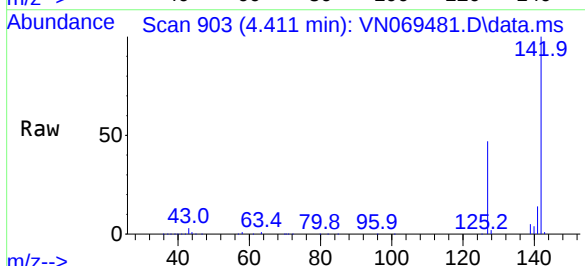
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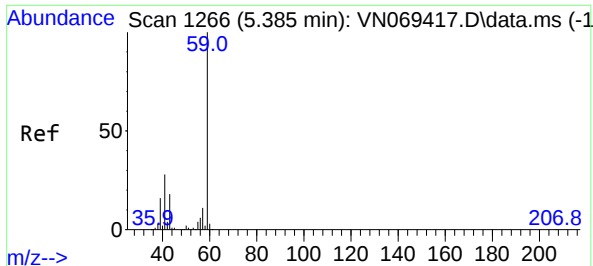
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#10
Methyl Iodide
Concen: 53.781 ug/l
RT: 4.411 min Scan# 903
Delta R.T. -0.003 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

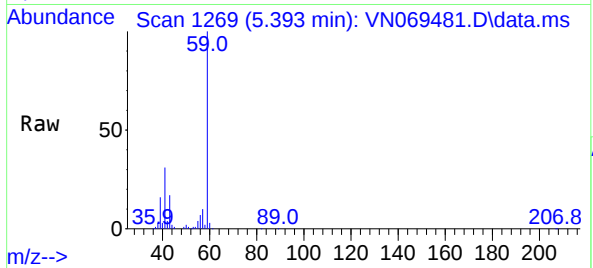
Tgt Ion:142 Resp: 595522
Ion Ratio Lower Upper
142 100
127 46.6 35.4 53.0
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 275.451 ug/l
RT: 5.393 min Scan# 11
Delta R.T. 0.008 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

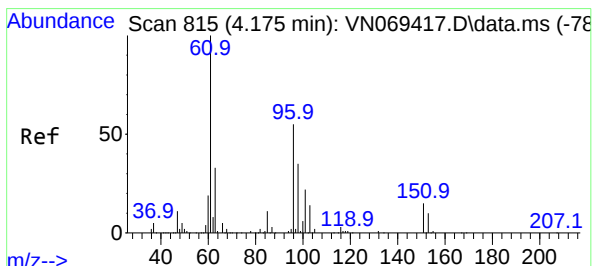
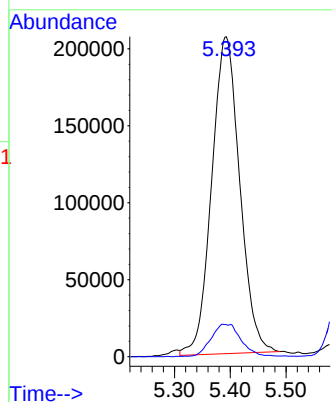
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 71938
Ion Ratio Lower Upper
59 100
57 6.0 8.7 13.1

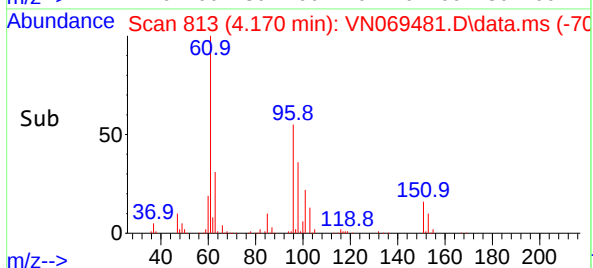
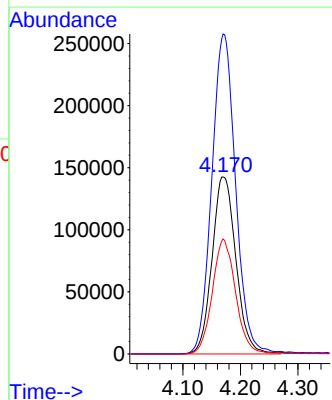
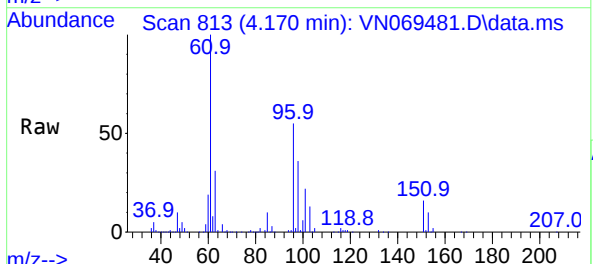
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Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#12
1,1-Dichloroethene
Concen: 50.810 ug/l
RT: 4.170 min Scan# 813
Delta R.T. -0.005 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

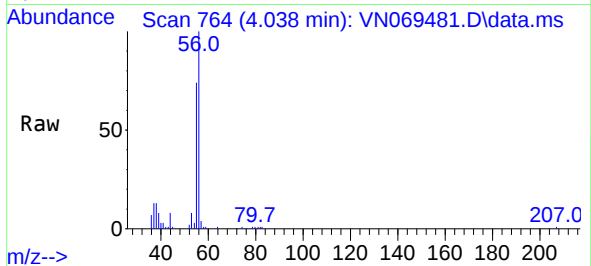
Tgt Ion: 96 Resp: 411645
Ion Ratio Lower Upper
96 100
61 180.6 131.0 196.6
98 65.0 52.4 78.6





#13
Acrolein
Concen: 258.627 ug/l
RT: 4.038 min Scan# 70
Delta R.T. -0.003 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

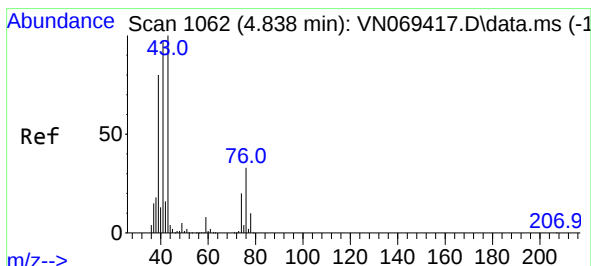
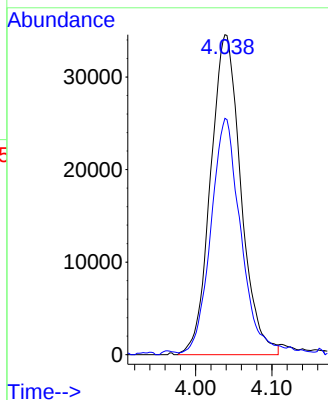
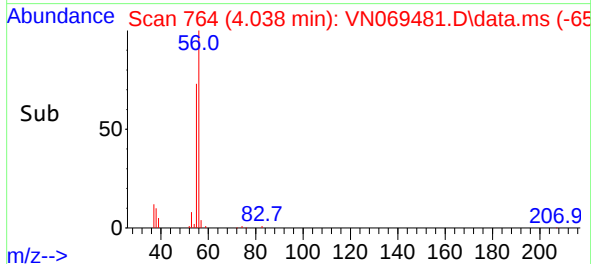
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



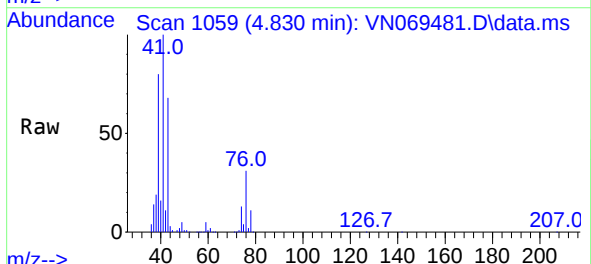
Tgt Ion: 56 Resp: 95564
Ion Ratio Lower Upper
56 100
55 71.4 56.6 85.0

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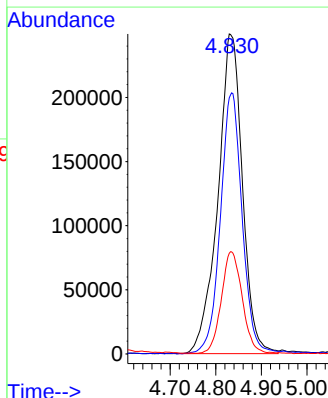
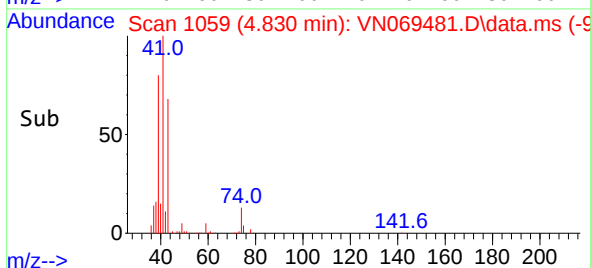
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

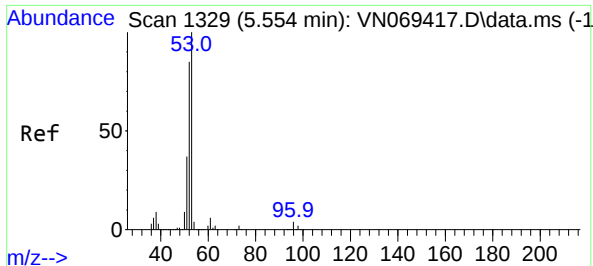


#14
Allyl chloride
Concen: 51.923 ug/l
RT: 4.830 min Scan# 1059
Delta R.T. -0.008 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58



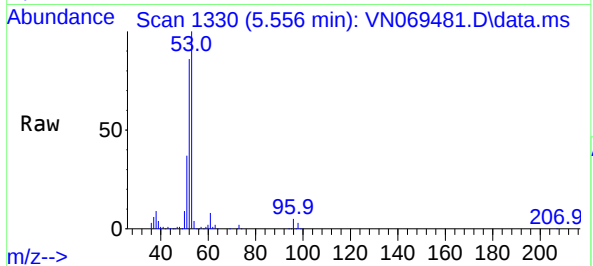
Tgt Ion: 41 Resp: 930040
Ion Ratio Lower Upper
41 100
39 72.5 61.2 91.8
76 27.0 26.0 39.0





#15
Acrylonitrile
Concen: 289.852 ug/l
RT: 5.556 min Scan# 1330
Delta R.T. 0.002 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

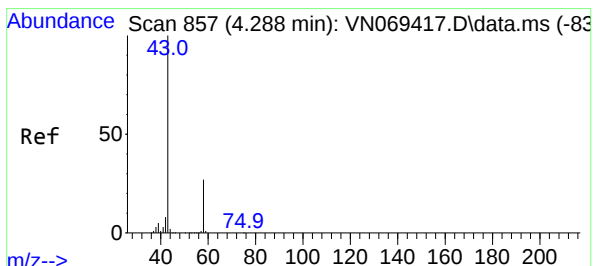
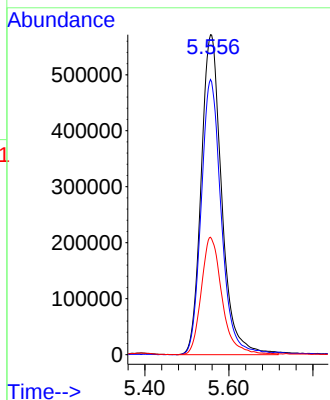
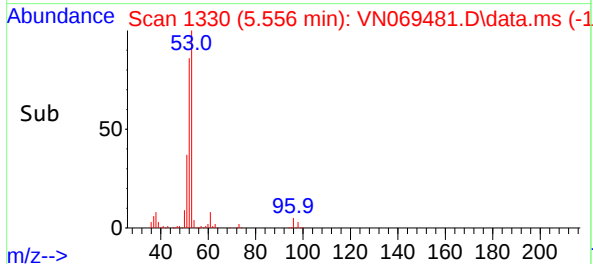
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 1938528
Ion Ratio Lower Upper
53 100
52 83.7 66.2 99.2
51 37.1 29.6 44.4

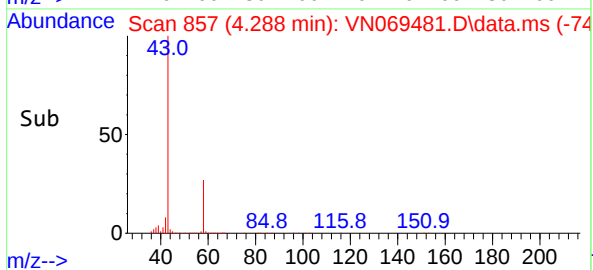
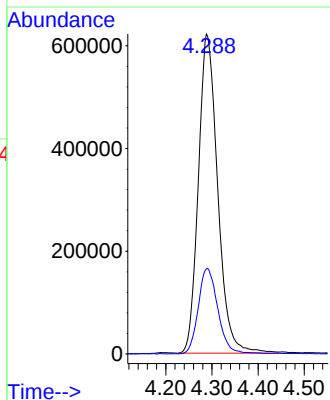
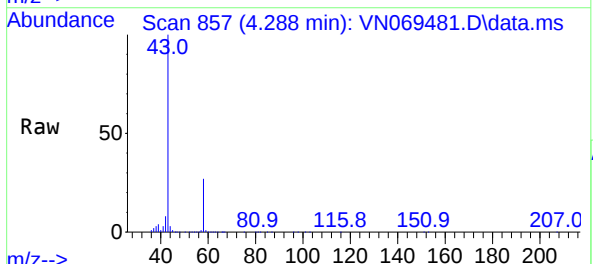
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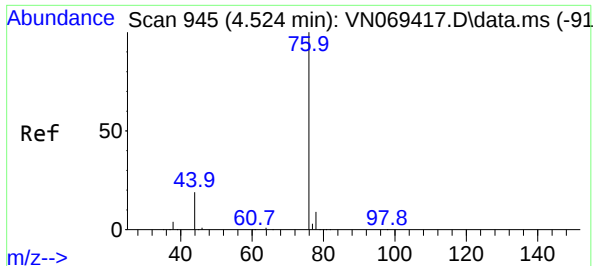
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#16
Acetone
Concen: 231.009 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

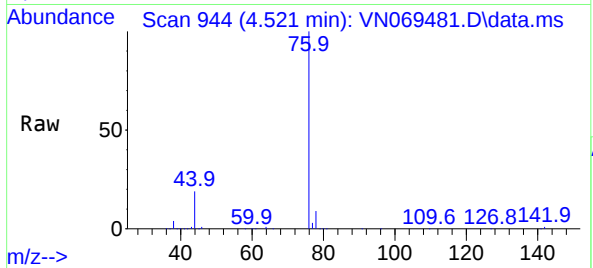
Tgt Ion: 43 Resp: 1806444
Ion Ratio Lower Upper
43 100
58 26.6 23.1 34.7





#17
Carbon Disulfide
Concen: 45.143 ug/l
RT: 4.521 min Scan# 945
Delta R.T. -0.003 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

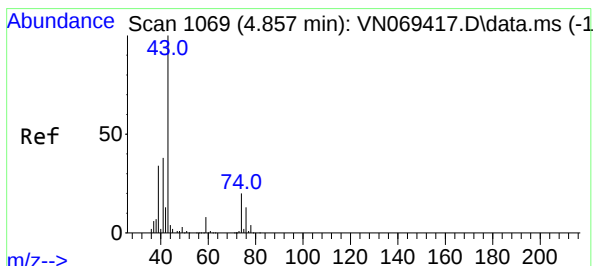
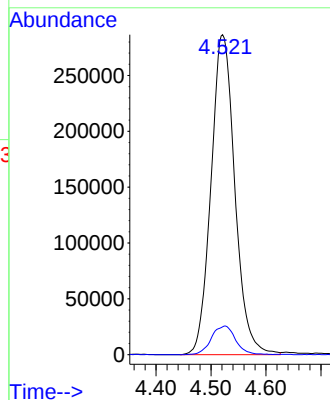
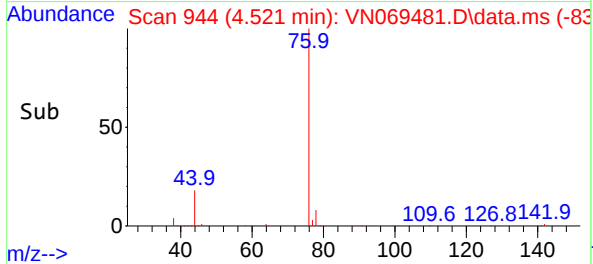
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



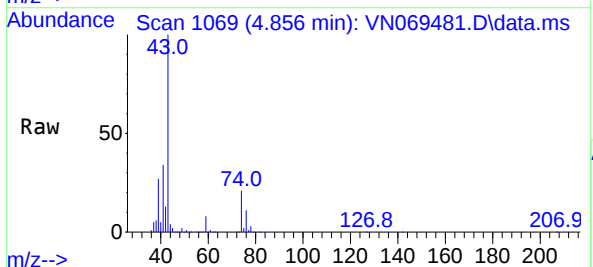
Tgt Ion: 76 Resp: 864519
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

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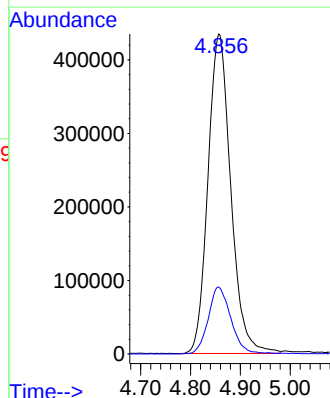
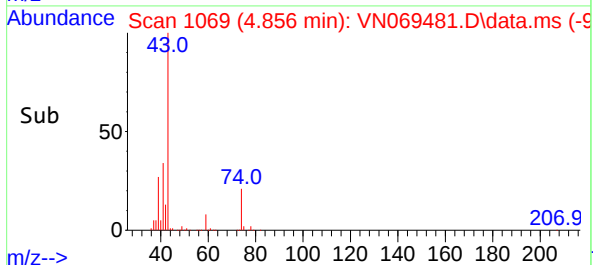
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

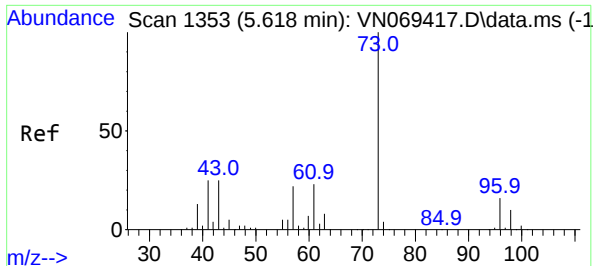


#18
Methyl Acetate
Concen: 54.420 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. -0.001 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58



Tgt Ion: 43 Resp: 1383347
Ion Ratio Lower Upper
43 100
74 20.7 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 54.407 ug/l

RT: 5.618 min Scan# 11353

Delta R.T. 0.000 min

Lab File: VN069481.D

Acq: 12 Nov 2021 20:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 186543

Ion Ratio Lower Upper

73 100

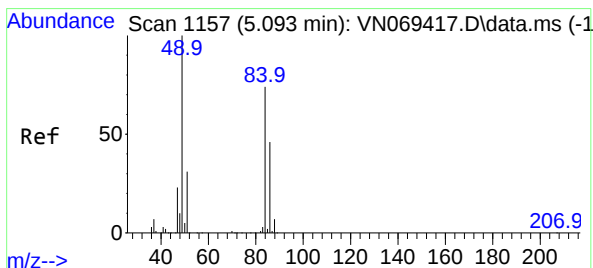
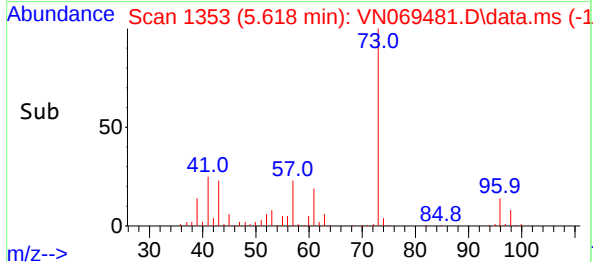
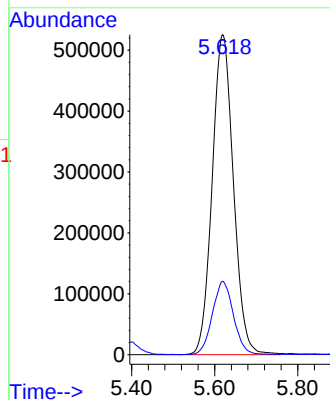
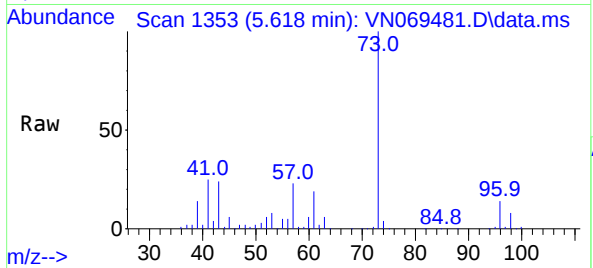
57 22.9 16.8 25.2

Manual Integrations

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Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#20

Methylene Chloride

Concen: 49.367 ug/l

RT: 5.092 min Scan# 1157

Delta R.T. -0.001 min

Lab File: VN069481.D

Acq: 12 Nov 2021 20:58

Tgt Ion: 84 Resp: 547412

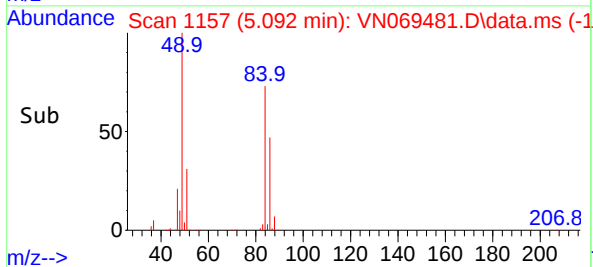
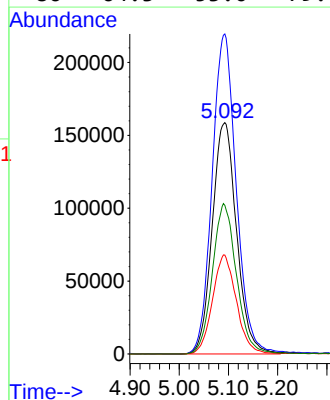
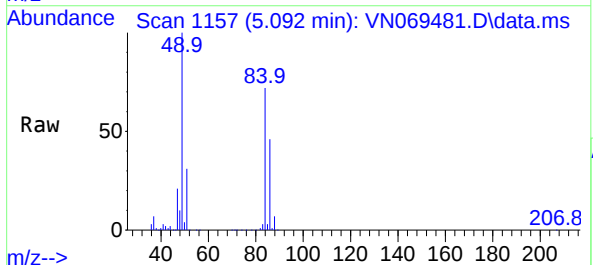
Ion Ratio Lower Upper

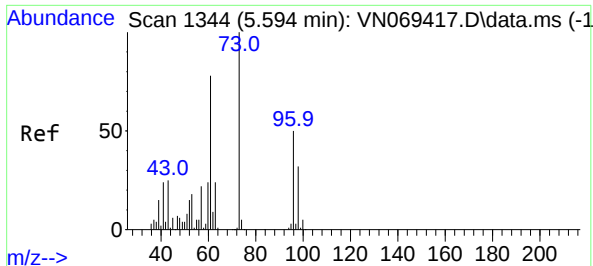
84 100

49 138.3 93.5 140.3

51 42.7 29.4 44.2

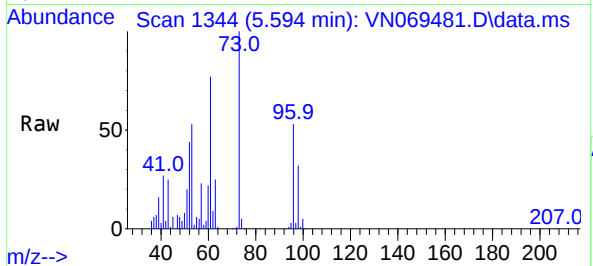
86 64.3 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 51.604 ug/l
RT: 5.594 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

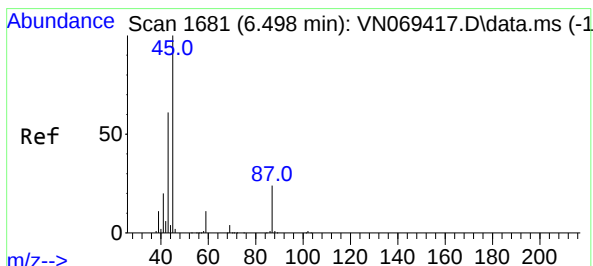
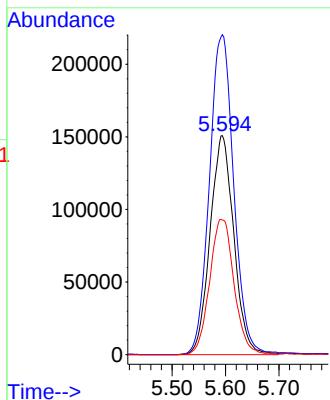
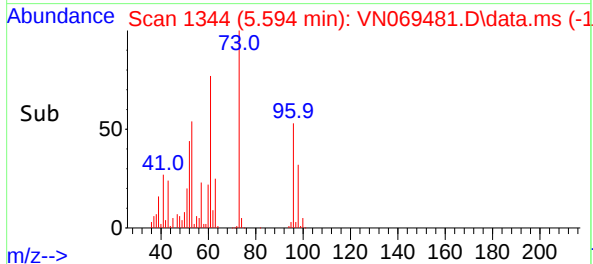
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



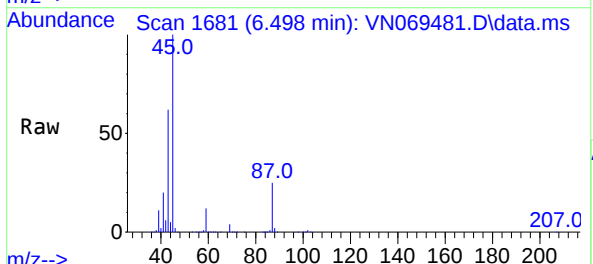
Tgt Ion: 96 Resp: 46696
Ion Ratio Lower Upper
96 100
61 146.0 105.8 158.6
98 61.4 52.0 78.0

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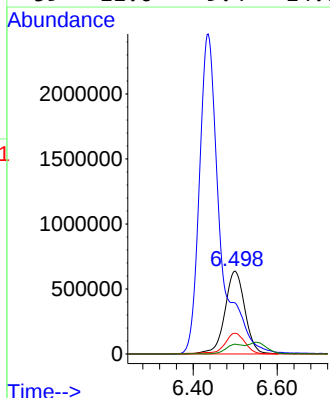
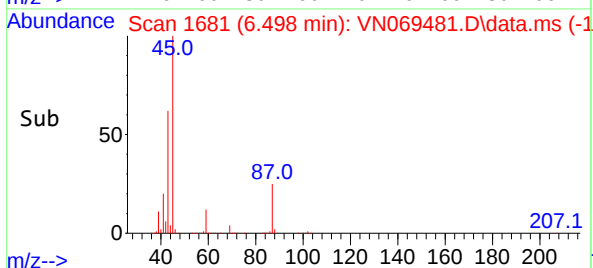
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

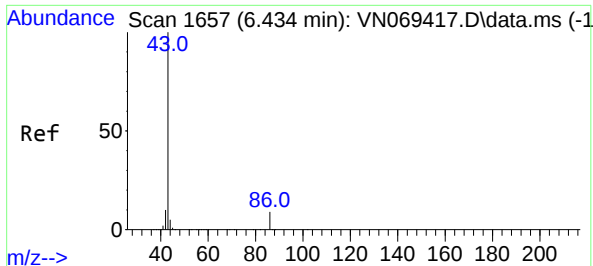


#22
Diisopropyl ether
Concen: 54.519 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58



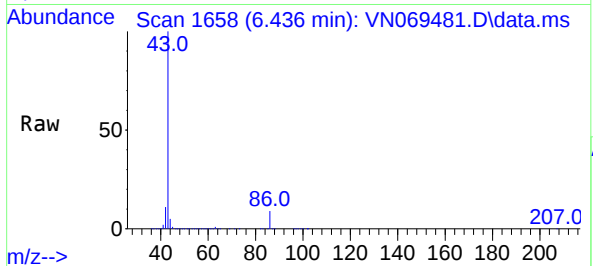
Tgt Ion: 45 Resp: 2103568
Ion Ratio Lower Upper
45 100
43 61.9 51.7 77.5
87 24.8 23.2 34.8
59 11.6 9.4 14.0





#23
 Vinyl Acetate
 Concen: 279.893 ug/l
 RT: 6.436 min Scan# 1658
 Delta R.T. 0.002 min
 Lab File: VN069481.D
 Acq: 12 Nov 2021 20:58

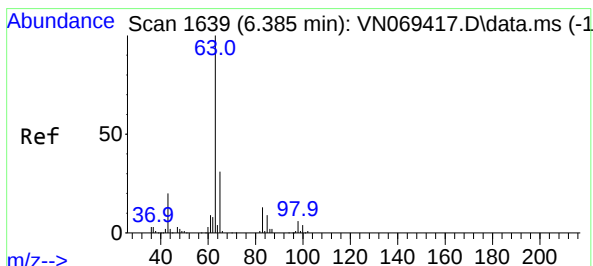
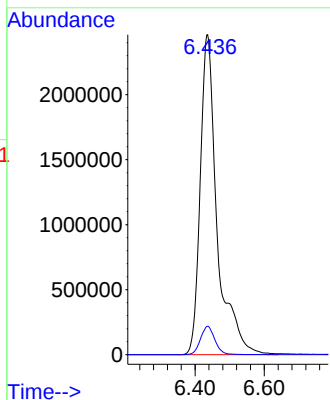
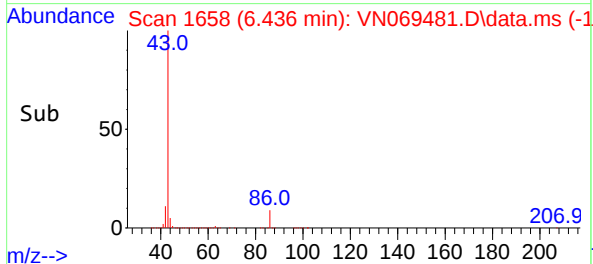
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



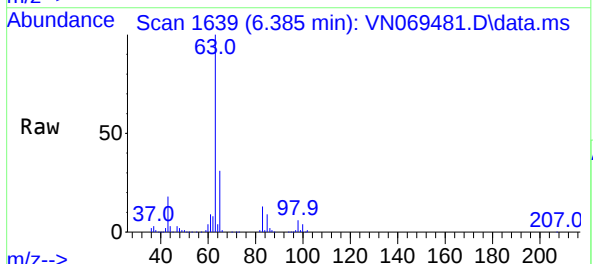
Tgt Ion: 43 Resp: 835266
 Ion Ratio Lower Upper
 43 100
 86 8.9 8.5 12.7

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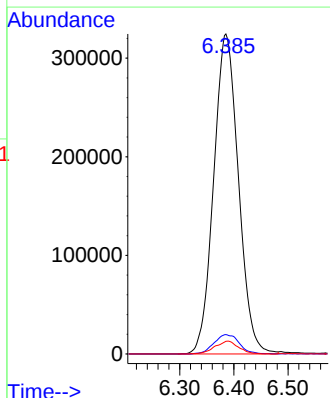
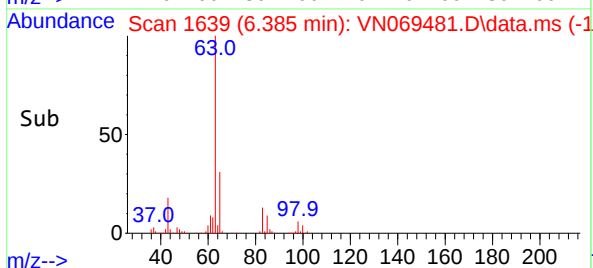
Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

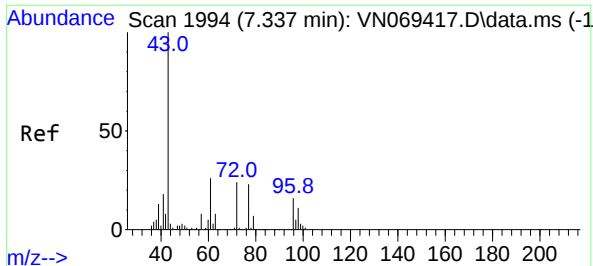


#24
 1,1-Dichloroethane
 Concen: 52.428 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VN069481.D
 Acq: 12 Nov 2021 20:58



Tgt Ion: 63 Resp: 1030341
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.9
 100 3.9 2.1 6.5





#25

2-Butanone

Concen: 275.071 ug/l

RT: 7.340 min Scan# 1995

Delta R.T. 0.003 min

Lab File: VN069481.D

Acq: 12 Nov 2021 20:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 291263

Ion Ratio Lower Upper

43 100

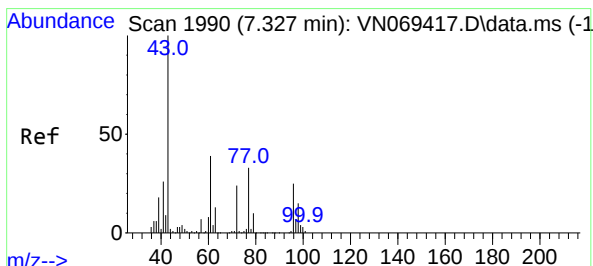
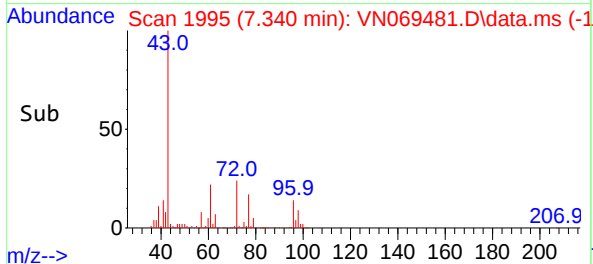
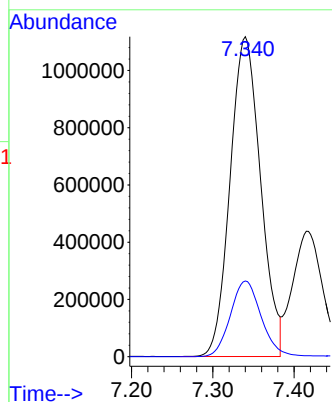
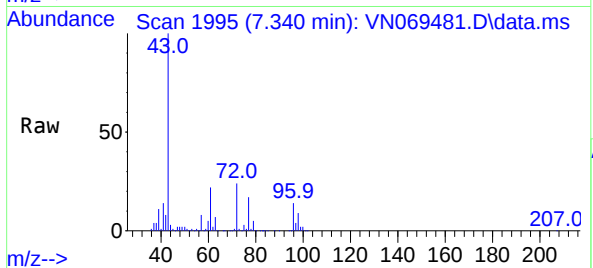
72 23.7 21.7 32.5

Manual Integrations

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Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#26

2,2-Dichloropropane

Concen: 46.886 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN069481.D

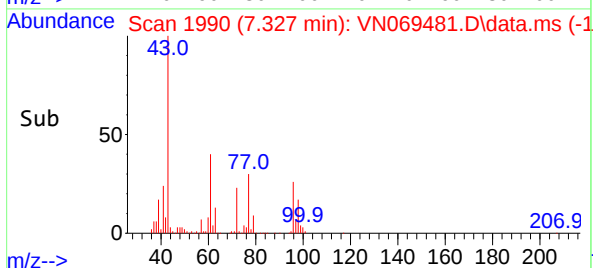
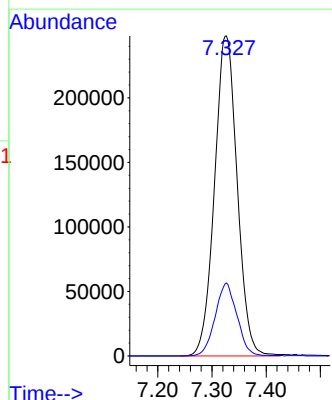
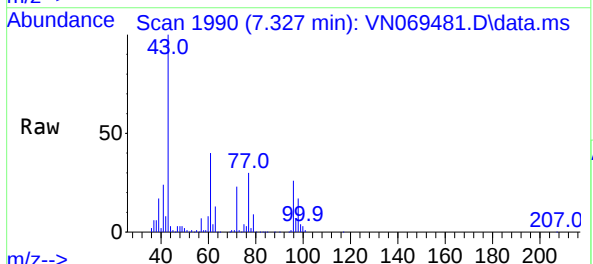
Acq: 12 Nov 2021 20:58

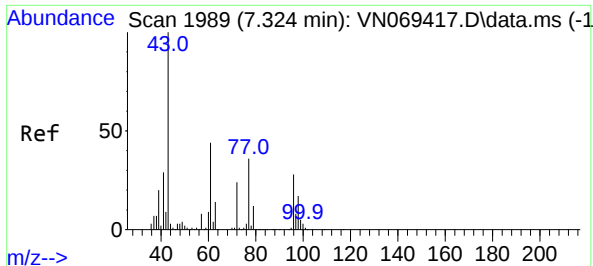
Tgt Ion: 77 Resp: 720937

Ion Ratio Lower Upper

77 100

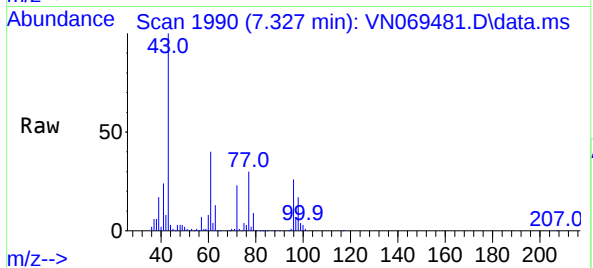
97 21.9 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 53.140 ug/l
RT: 7.327 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

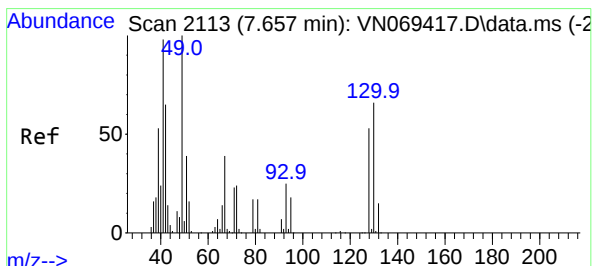
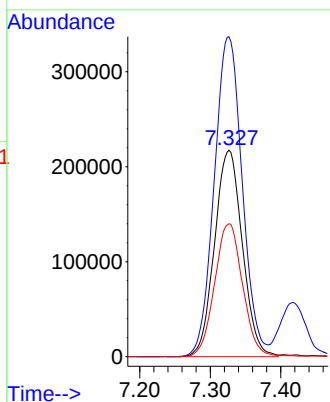
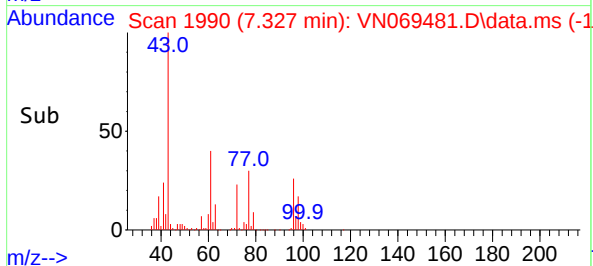
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 596094
Ion Ratio Lower Upper
96 100
61 156.1 0.0 275.0
98 64.9 0.0 129.6

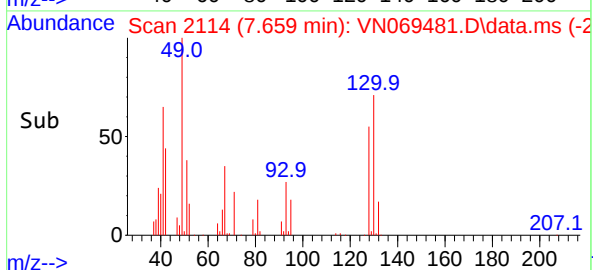
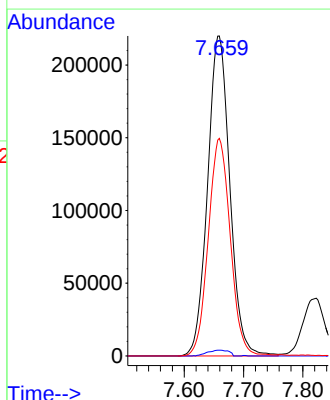
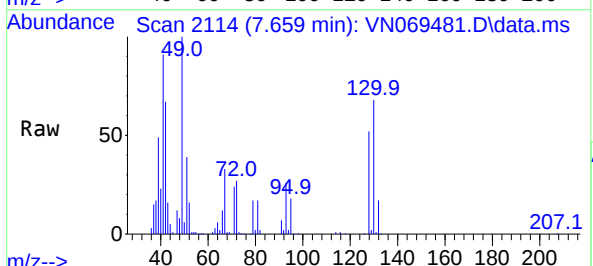
Manual Integrations
APPROVED

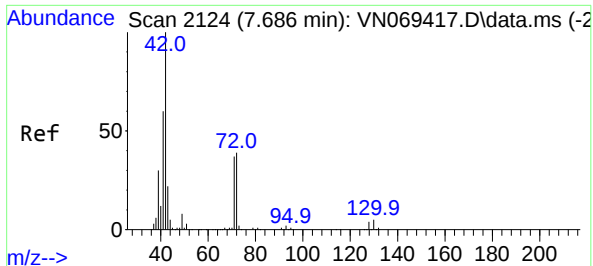
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#28
Bromochloromethane
Concen: 57.017 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.002 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

Tgt Ion: 49 Resp: 573828
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 67.2 67.8 101.8#





#29

Tetrahydrofuran

Concen: 297.223 ug/l

RT: 7.689 min Scan# 2124

Delta R.T. 0.003 min

Lab File: VN069481.D

Acq: 12 Nov 2021 20:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 193135

Ion Ratio Lower Upper

42 100

72 39.2 36.3 54.5

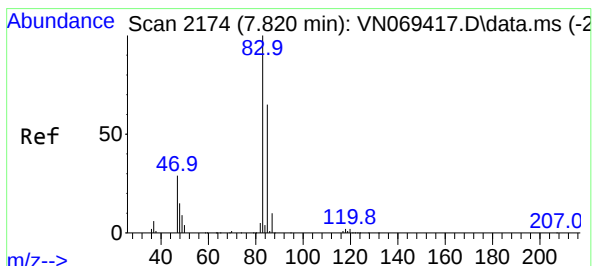
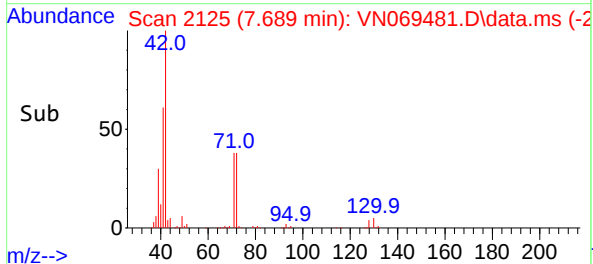
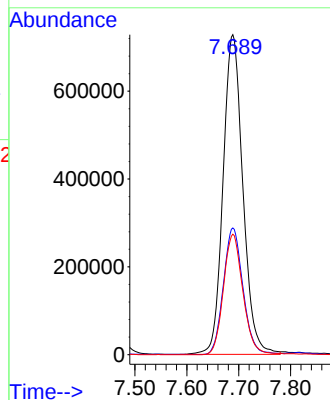
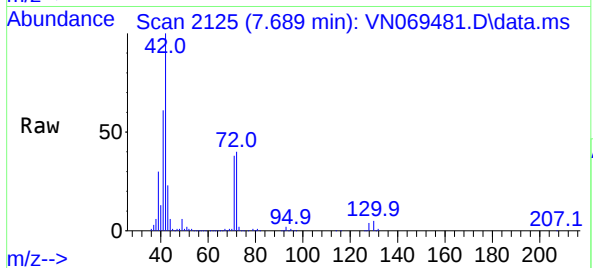
71 37.1 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#30

Chloroform

Concen: 53.778 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN069481.D

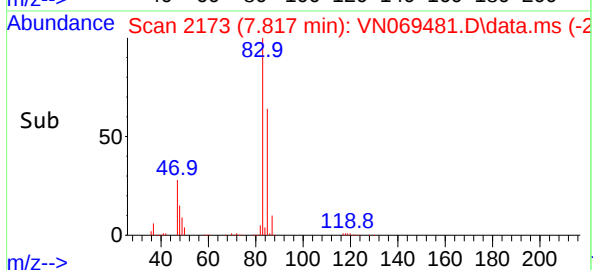
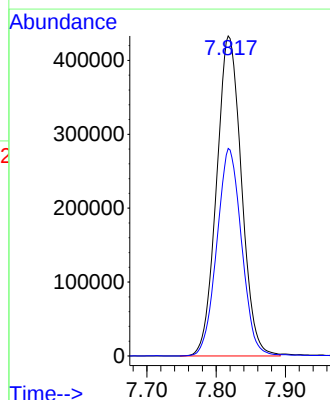
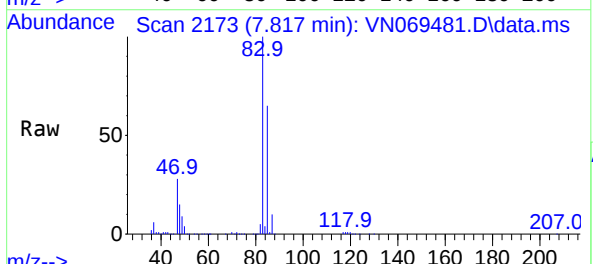
Acq: 12 Nov 2021 20:58

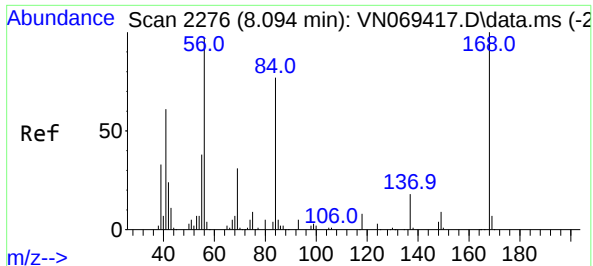
Tgt Ion: 83 Resp: 1083502

Ion Ratio Lower Upper

83 100

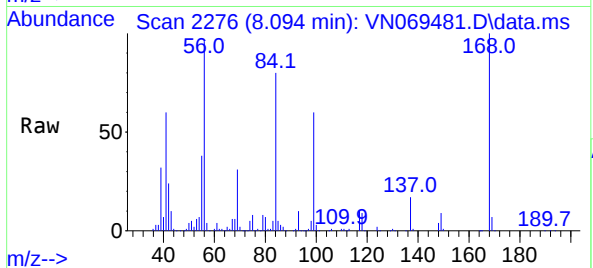
85 64.8 51.9 77.9





#31
Cyclohexane
Concen: 47.366 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

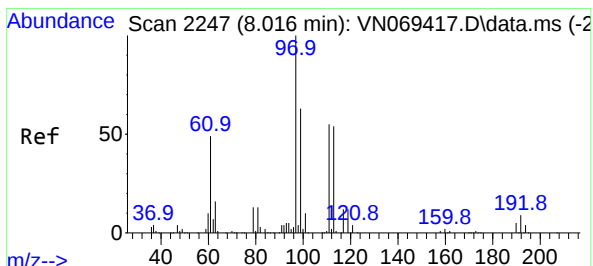
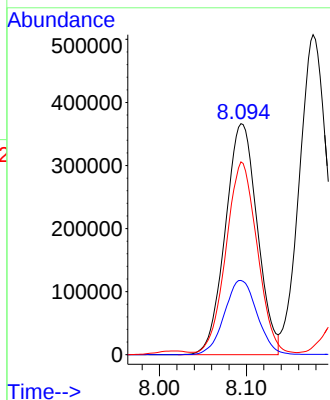
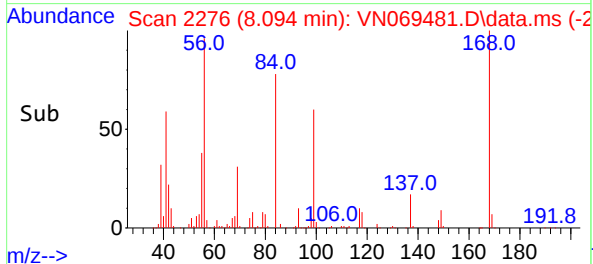
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



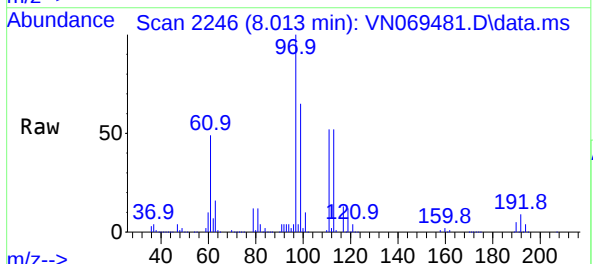
Tgt Ion: 56 Resp: 937878
Ion Ratio Lower Upper
56 100
69 32.2 27.1 40.7
84 81.9 73.4 110.0

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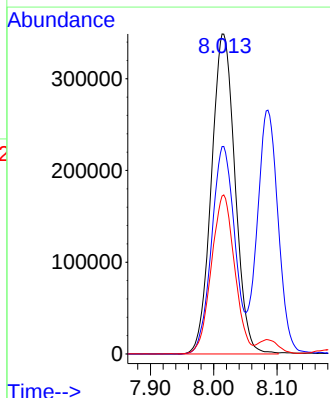
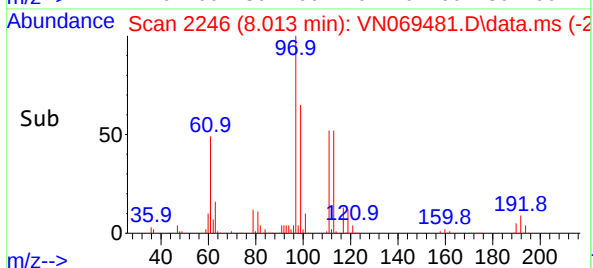
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

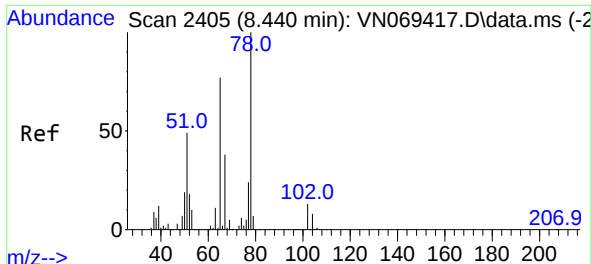


#32
1,1,1-Trichloroethane
Concen: 53.788 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58



Tgt Ion: 97 Resp: 904558
Ion Ratio Lower Upper
97 100
99 63.5 50.1 75.1
61 49.1 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 49.825 ug/l
RT: 8.437 min Scan# 2405
Delta R.T. -0.003 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

Instrument :

MSVOA_N

ClientSampleId :

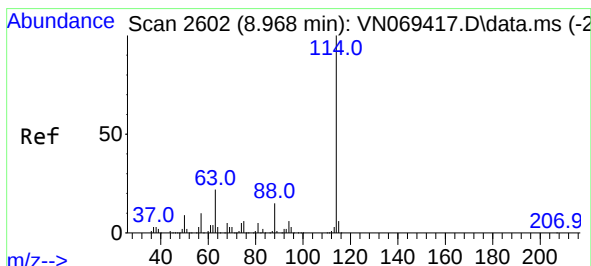
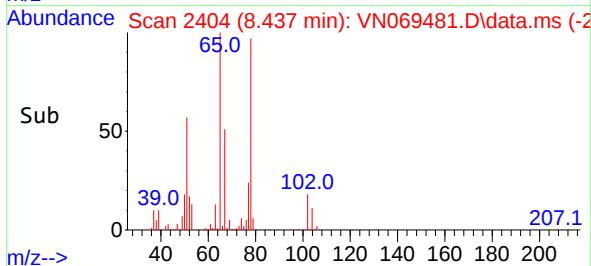
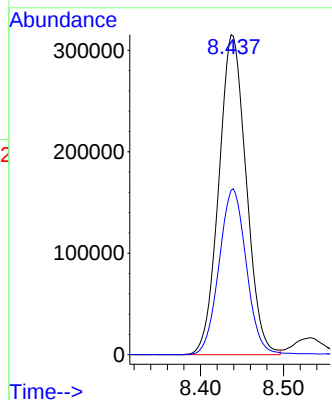
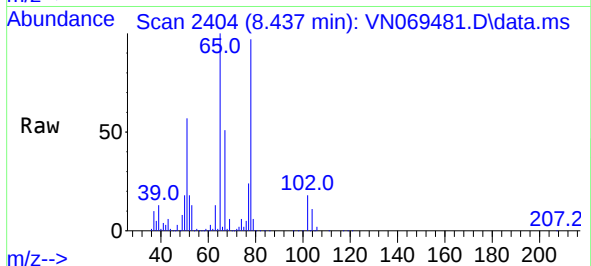
VSTDCCC050EC

Tgt Ion: 65 Resp: 722135
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.0

Manual Integrations

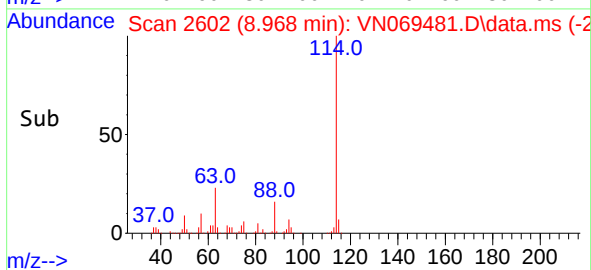
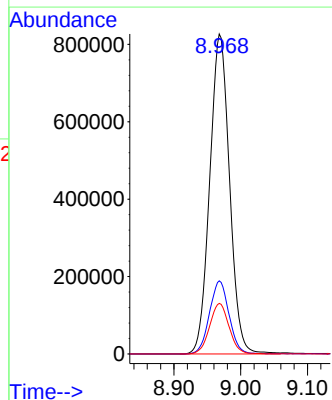
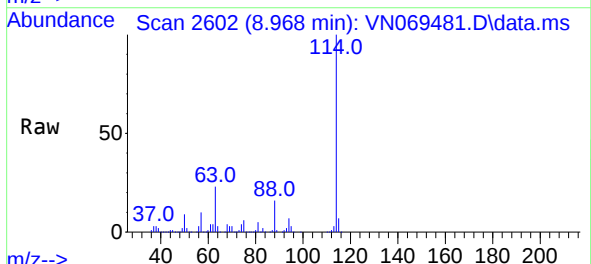
APPROVED

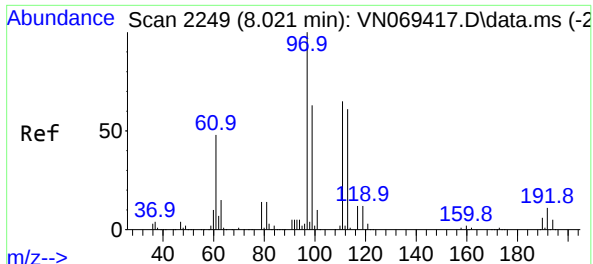
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

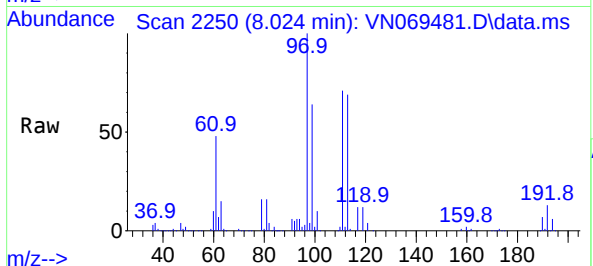
Tgt Ion:114 Resp: 1701192
Ion Ratio Lower Upper
114 100
63 22.9 0.0 37.8
88 15.8 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.784 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

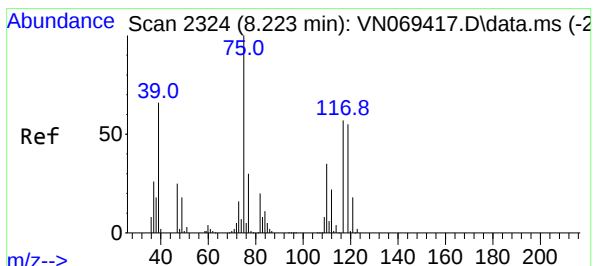
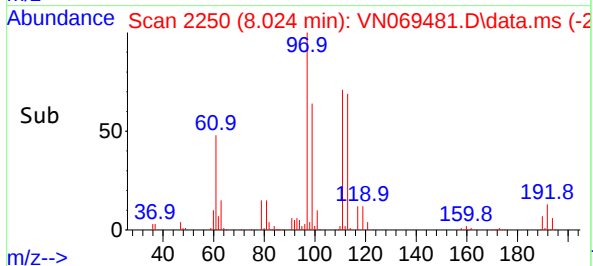
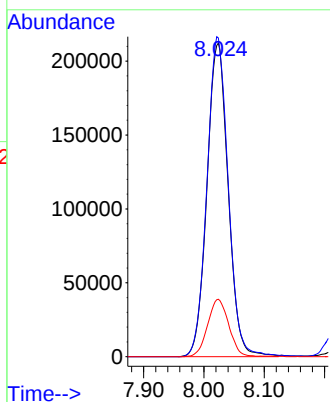
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 518150
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 18.2 16.9 25.3

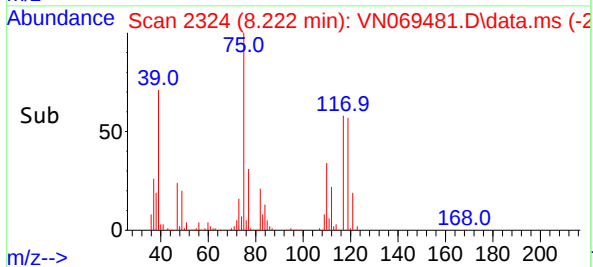
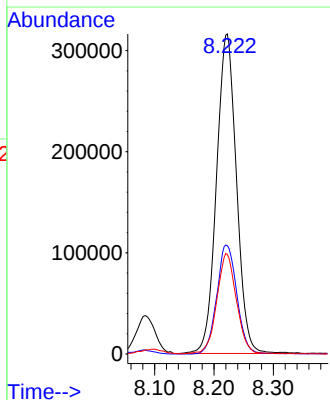
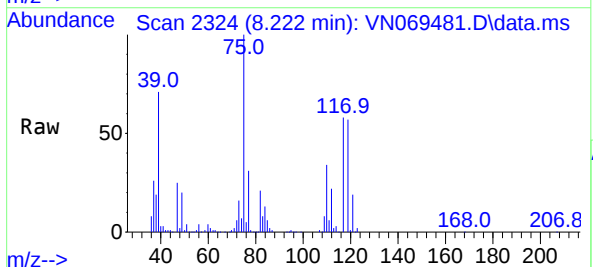
Manual Integrations
APPROVED

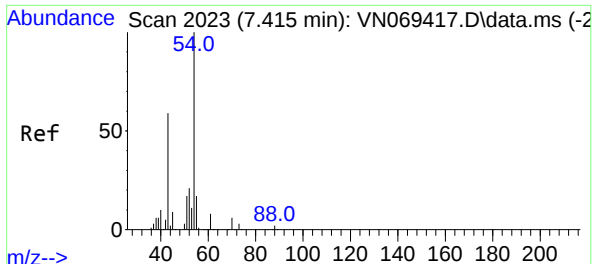
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#36
1,1-Dichloropropene
Concen: 51.739 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.001 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

Tgt Ion: 75 Resp: 740620
Ion Ratio Lower Upper
75 100
110 34.2 18.4 55.2
77 30.8 24.4 36.6





#37
Ethyl Acetate
Concen: 59.117 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

Instrument :

MSVOA_N

ClientSampleId :

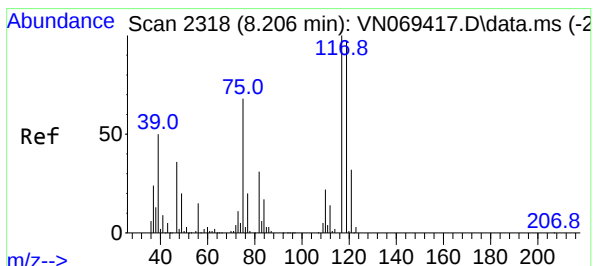
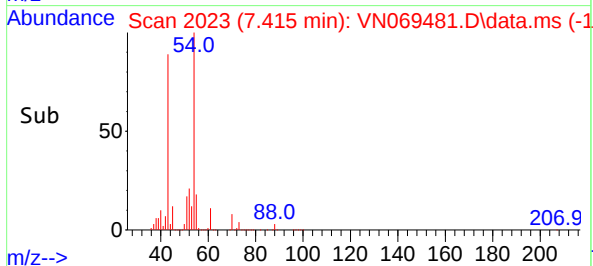
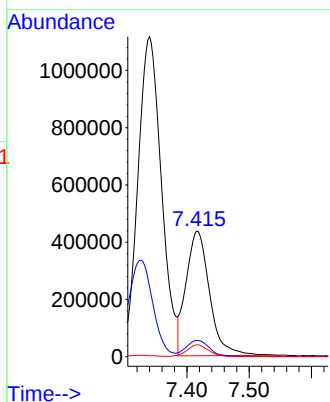
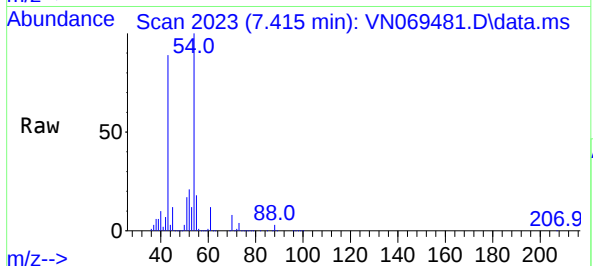
VSTDCCC050EC

Tgt Ion: 43 Resp: 114392
Ion Ratio Lower Upper
43 100
61 12.2 11.5 17.3
70 8.5 7.9 11.9

Manual Integrations

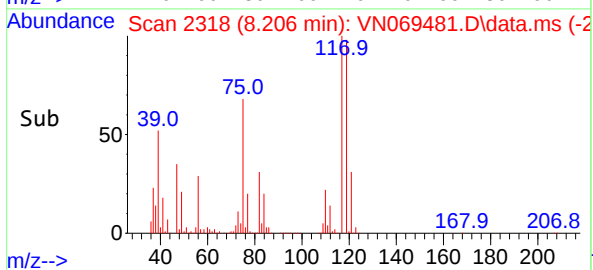
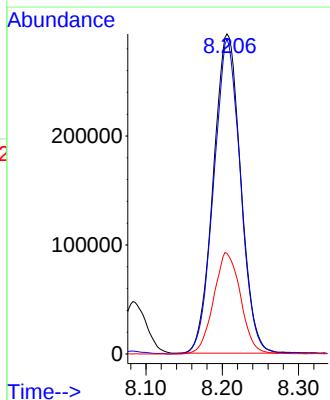
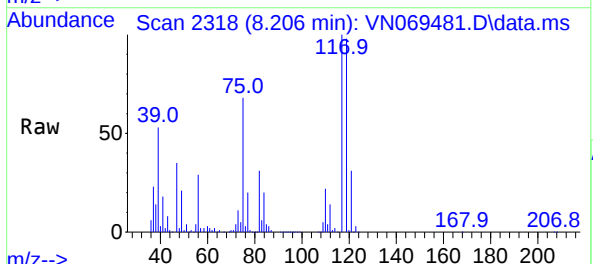
APPROVED

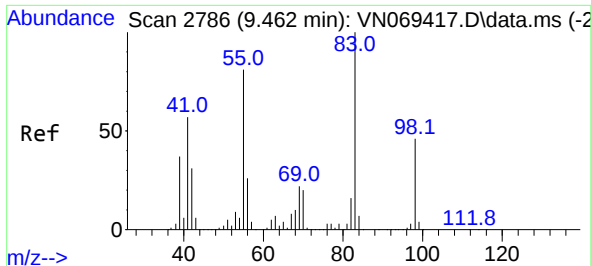
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#38
Carbon Tetrachloride
Concen: 52.805 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

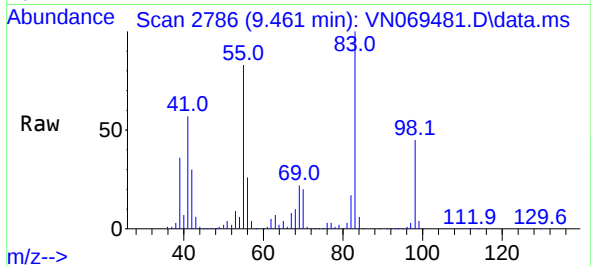
Tgt Ion:117 Resp: 729757
Ion Ratio Lower Upper
117 100
119 98.5 76.1 114.1
121 31.5 24.2 36.2





#39
Methylcyclohexane
Concen: 49.890 ug/l
RT: 9.461 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

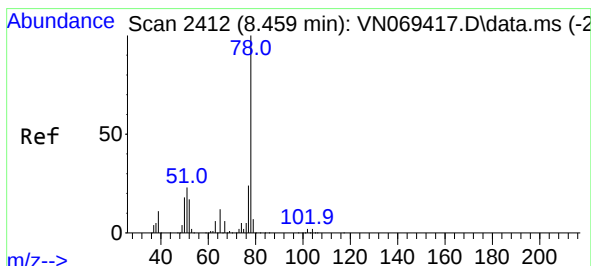
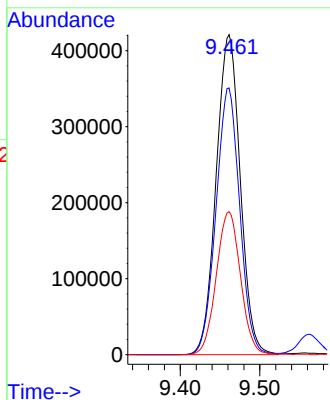
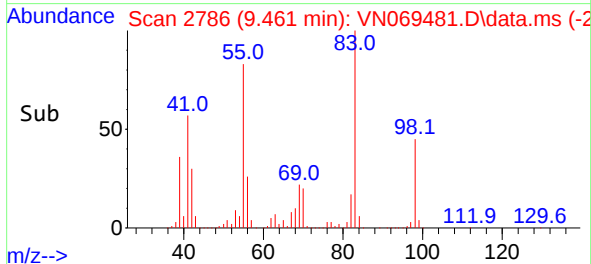
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



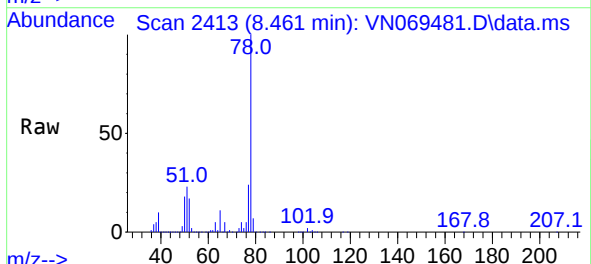
Tgt Ion: 83 Resp: 88839
Ion Ratio Lower Upper
83 100
55 83.3 58.1 87.1
98 44.7 38.4 57.6

Manual Integrations
APPROVED

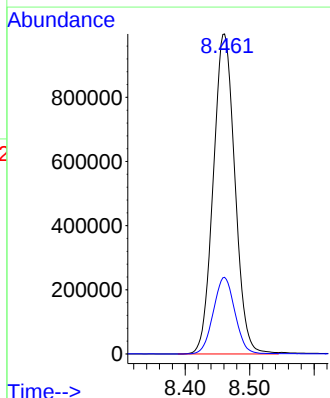
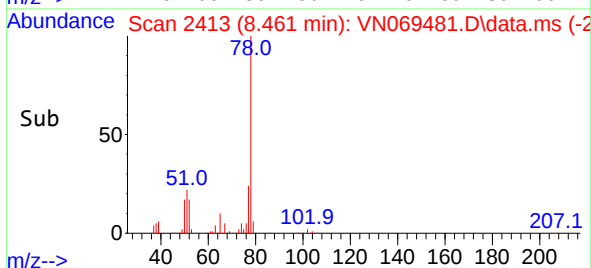
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

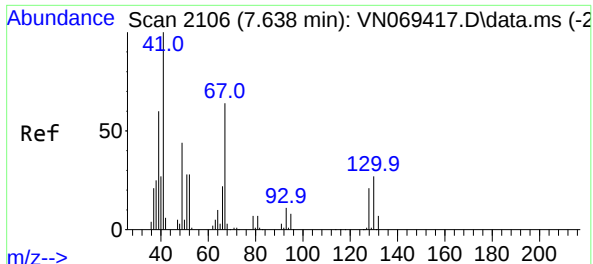


#40
Benzene
Concen: 52.649 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58



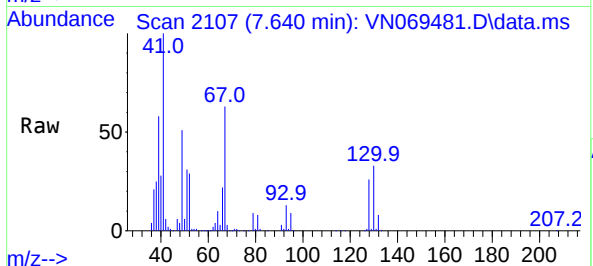
Tgt Ion: 78 Resp: 2326246
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8





#41
Methacrylonitrile
Concen: 55.945 ug/l
RT: 7.640 min Scan# 2106
Delta R.T. 0.002 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

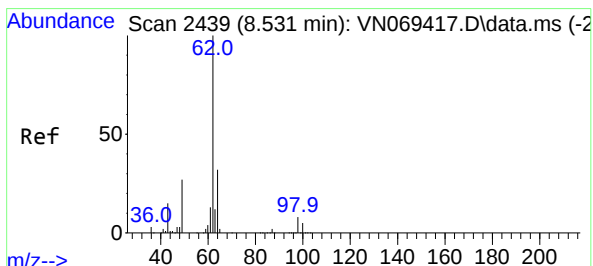
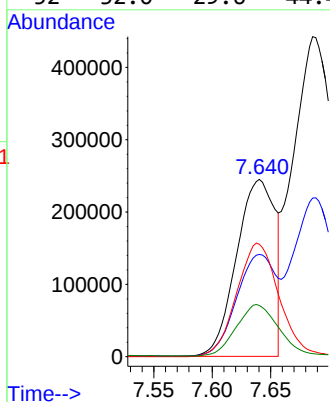
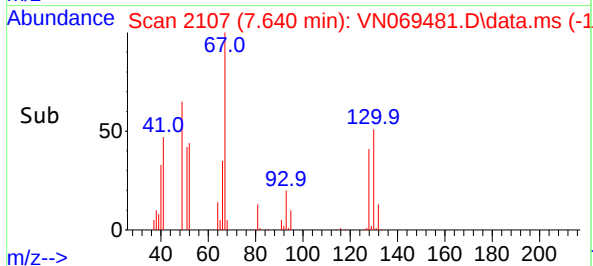
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 559364
Ion Ratio Lower Upper
41 100
39 60.6 48.1 72.1
67 71.8 68.3 102.5
52 32.0 29.6 44.4

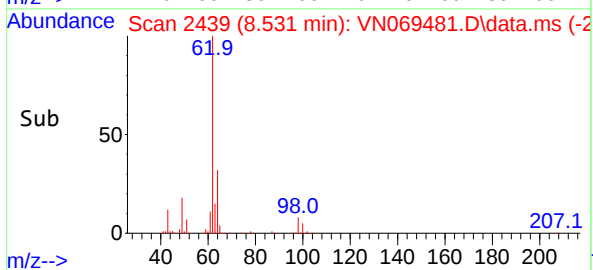
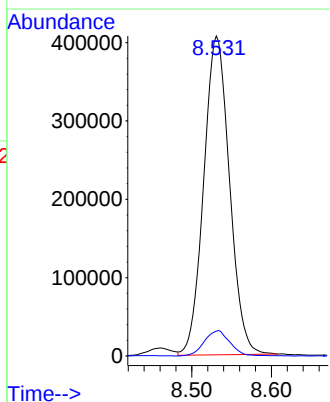
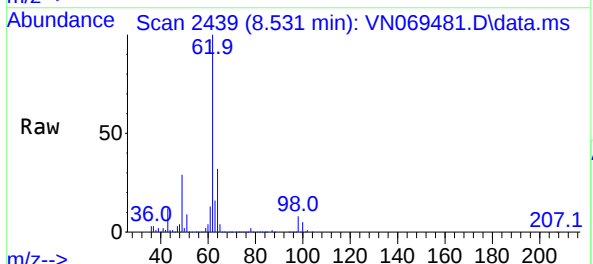
Manual Integrations
APPROVED

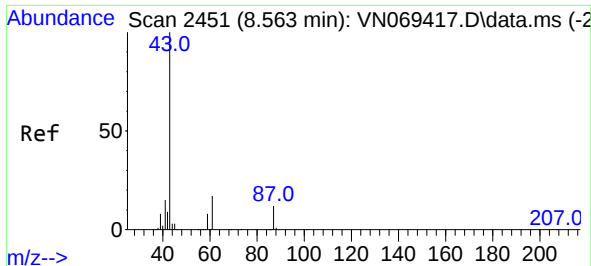
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#42
1,2-Dichloroethane
Concen: 52.976 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

Tgt Ion: 62 Resp: 916519
Ion Ratio Lower Upper
62 100
98 7.9 0.0 17.6





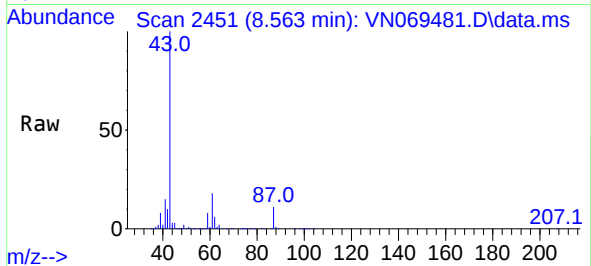
#43
Isopropyl Acetate
Concen: 56.957 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. -0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



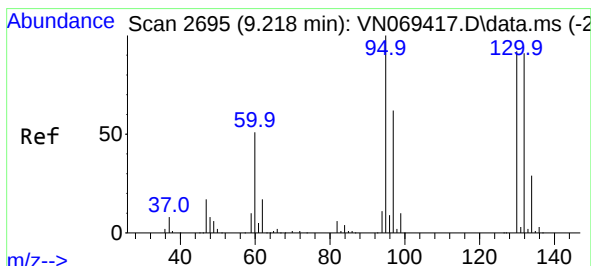
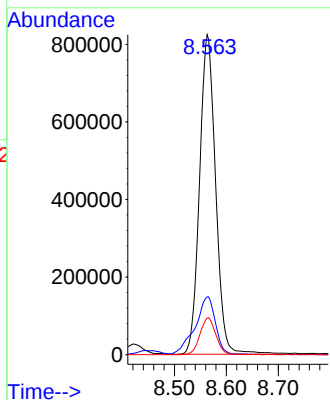
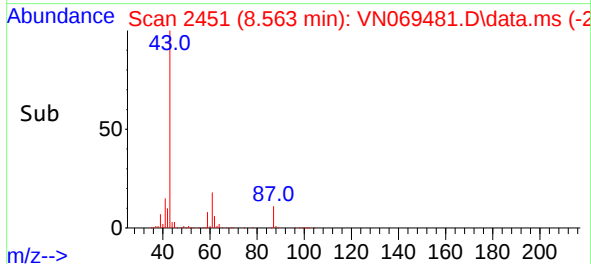
Tgt Ion: 43 Resp: 1770244
Ion Ratio Lower Upper
43 100
61 22.3 20.4 30.6
87 11.4 11.2 16.8

Manual Integrations

APPROVED

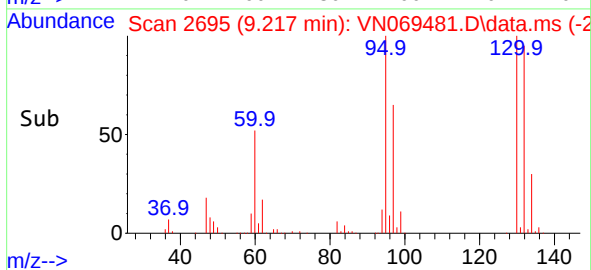
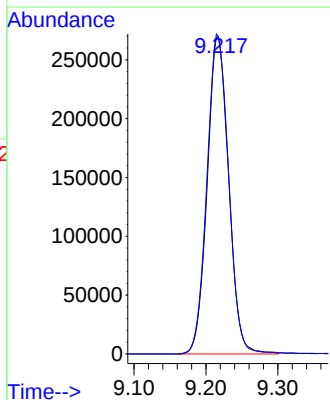
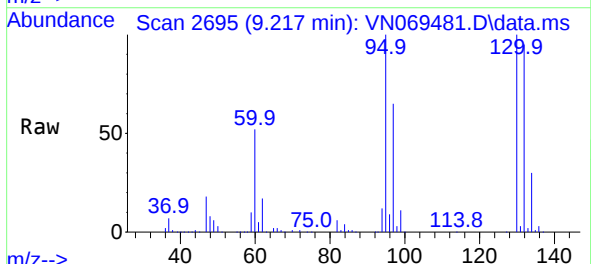
Reviewed By :John Carlone 11/15/2021

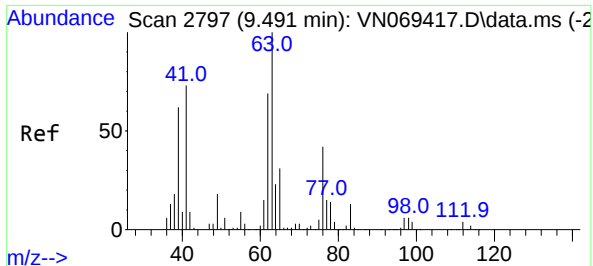
Supervised By :Mahesh Dadoda 11/17/2021



#44
Trichloroethene
Concen: 52.788 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.001 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

Tgt Ion:130 Resp: 558204
Ion Ratio Lower Upper
130 100
95 99.9 0.0 191.2





#45

1,2-Dichloropropane

Concen: 53.907 ug/l

RT: 9.491 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN069481.D

Acq: 12 Nov 2021 20:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 63635

Ion Ratio Lower Upper

63 100

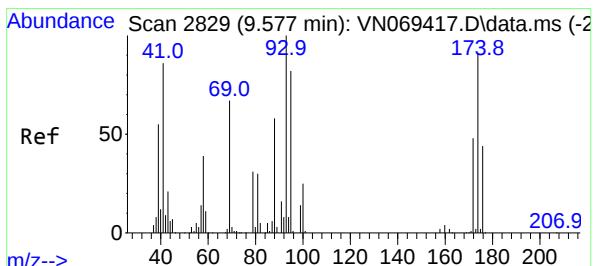
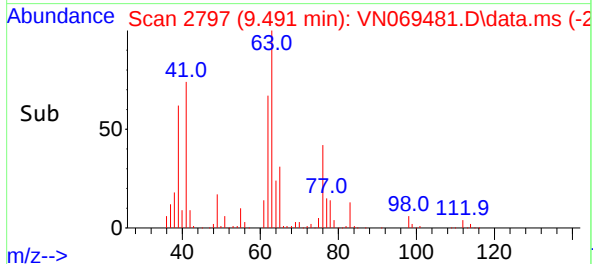
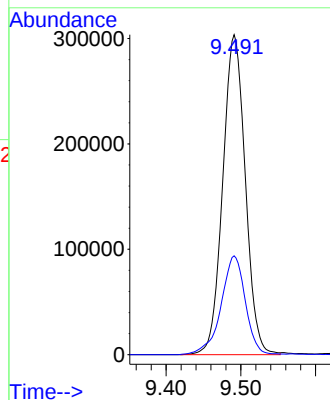
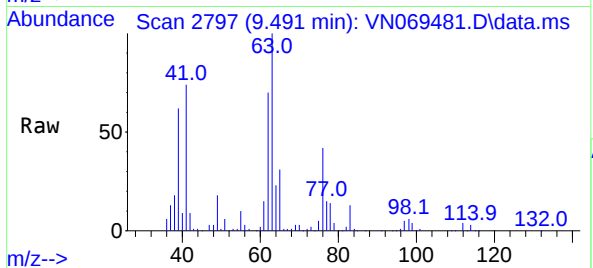
65 30.8 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#46

Dibromomethane

Concen: 53.974 ug/l

RT: 9.579 min Scan# 2830

Delta R.T. 0.002 min

Lab File: VN069481.D

Acq: 12 Nov 2021 20:58

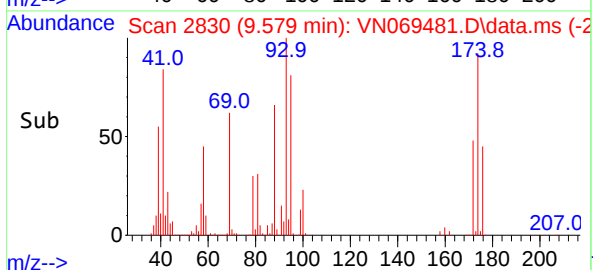
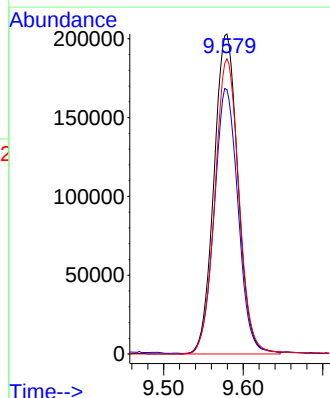
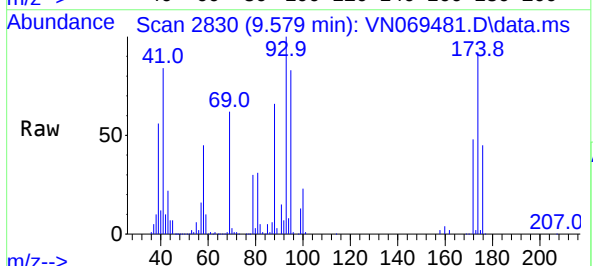
Tgt Ion: 93 Resp: 426768

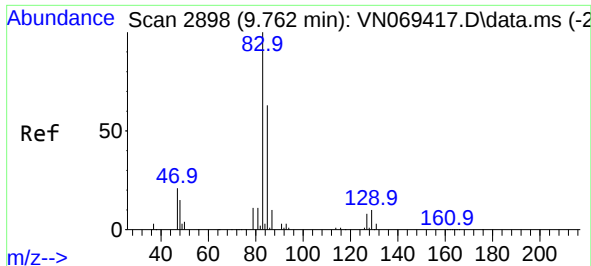
Ion Ratio Lower Upper

93 100

95 82.0 65.9 98.9

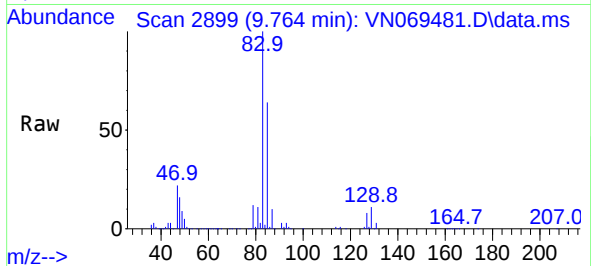
174 92.4 84.6 127.0





#47
Bromodichloromethane
Concen: 55.033 ug/l
RT: 9.764 min Scan# 2899
Delta R.T. 0.002 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

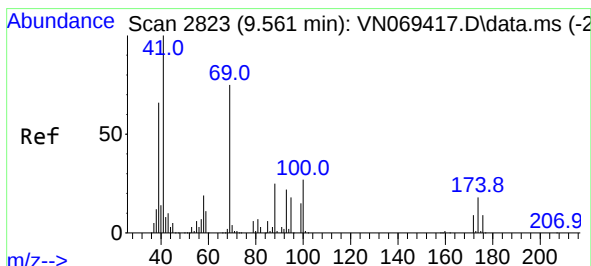
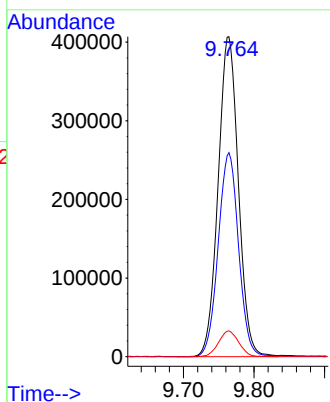
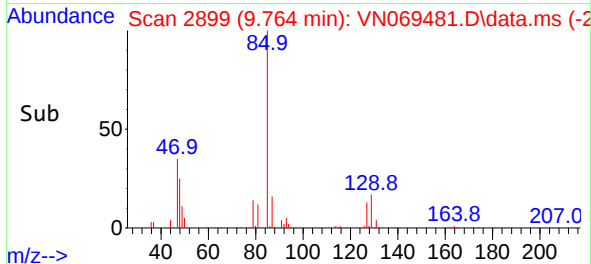
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



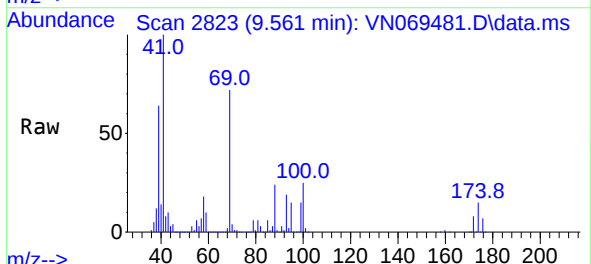
Tgt Ion: 83 Resp: 811990
Ion Ratio Lower Upper
83 100
85 63.8 50.9 76.3
127 8.0 7.1 10.7

Manual Integrations
APPROVED

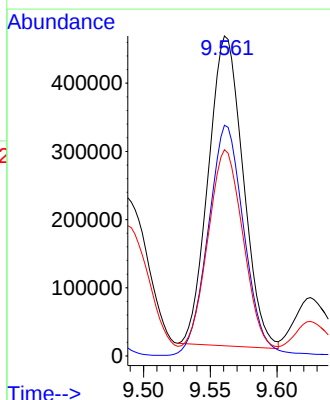
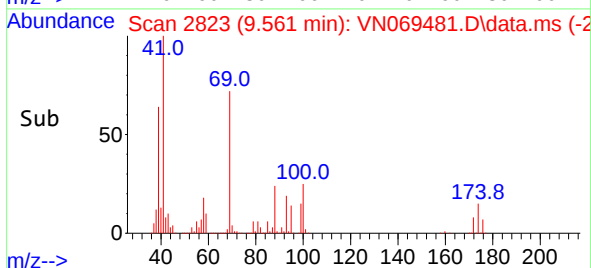
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

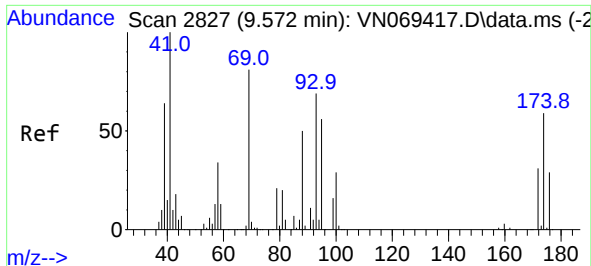


#48
Methyl methacrylate
Concen: 56.253 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58



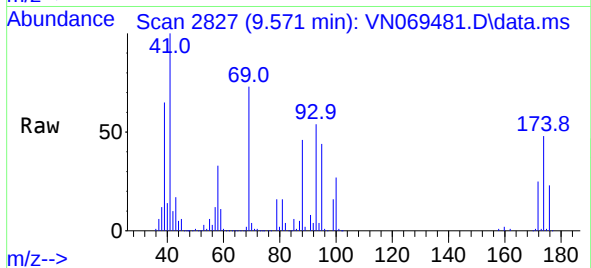
Tgt Ion: 41 Resp: 822573
Ion Ratio Lower Upper
41 100
69 77.4 72.4 108.6
39 69.5 58.4 87.6





#49
1,4-Dioxane
Concen: 1138.824 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. -0.001 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

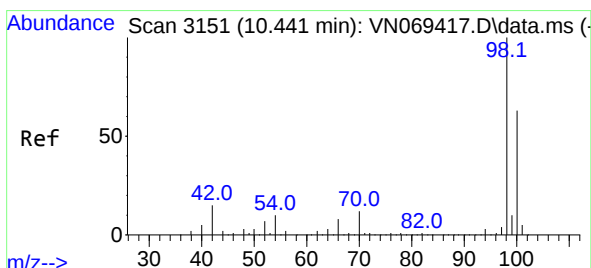
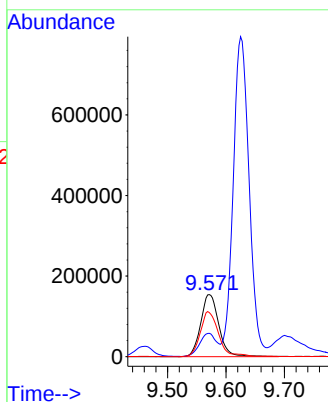
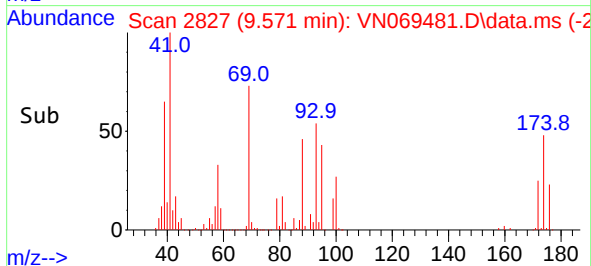
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



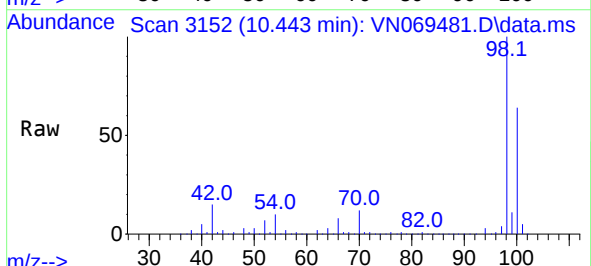
Tgt Ion: 88 Resp: 331652
Ion Ratio Lower Upper
88 100
43 34.7 23.4 35.2
58 73.6 50.6 75.8

Manual Integrations
APPROVED

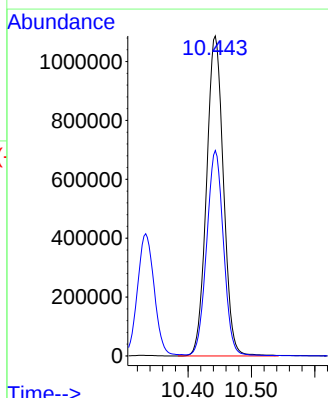
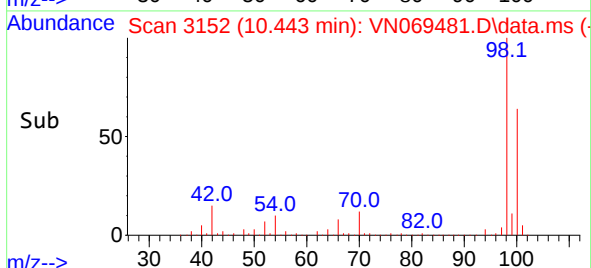
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

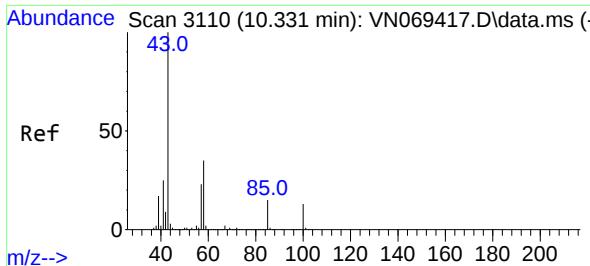


#50
Toluene-d8
Concen: 50.260 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.002 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58



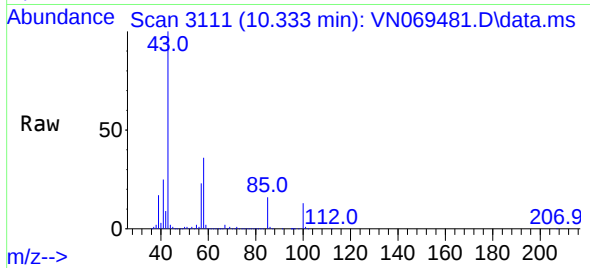
Tgt Ion: 98 Resp: 2016830
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 300.247 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

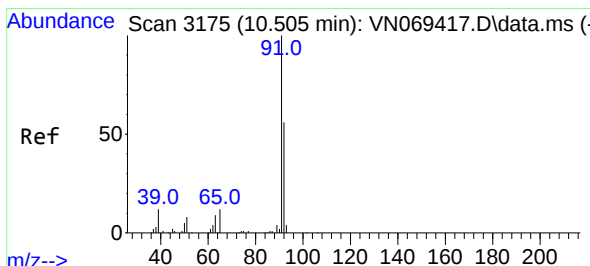
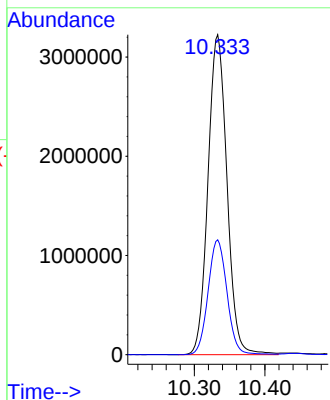
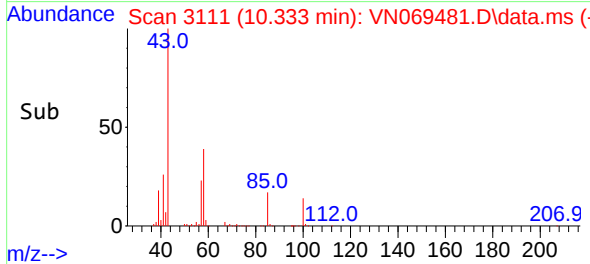
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



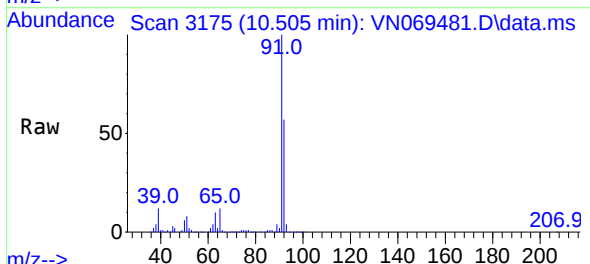
Tgt Ion: 43 Resp: 602341
Ion Ratio Lower Upper
43 100
58 35.8 30.4 45.6

Manual Integrations
APPROVED

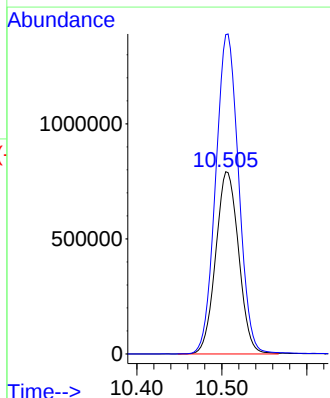
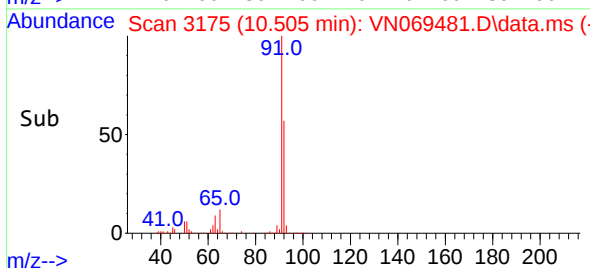
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

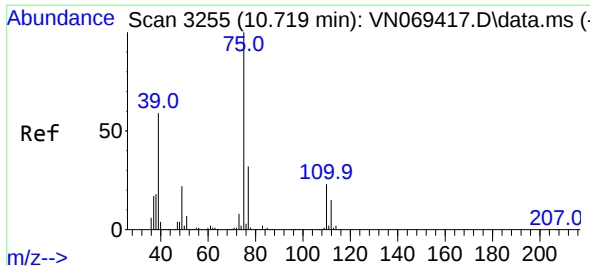


#52
Toluene
Concen: 53.891 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58



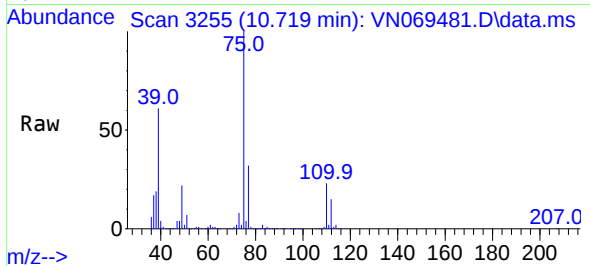
Tgt Ion: 92 Resp: 1483398
Ion Ratio Lower Upper
92 100
91 176.6 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 47.557 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

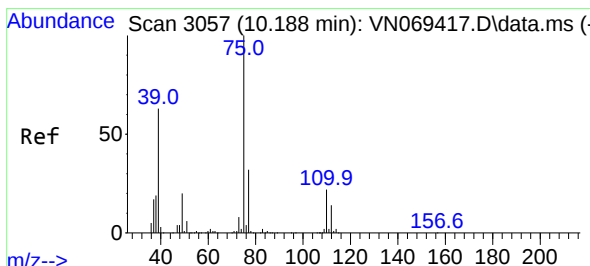
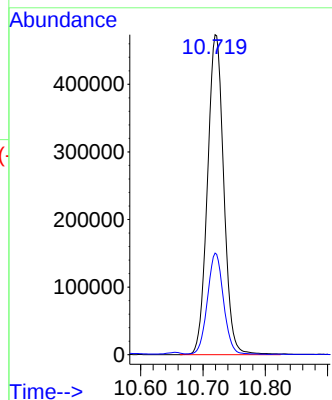
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 860260
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4

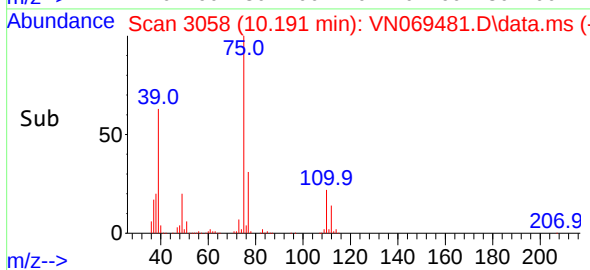
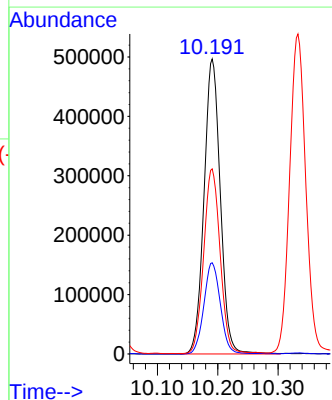
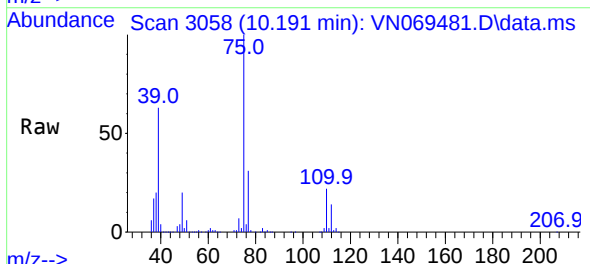
Manual Integrations
APPROVED

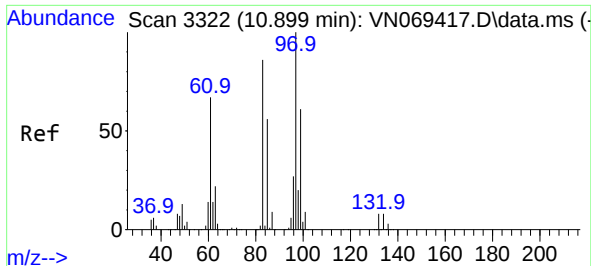
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#54
cis-1,3-Dichloropropene
Concen: 48.899 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

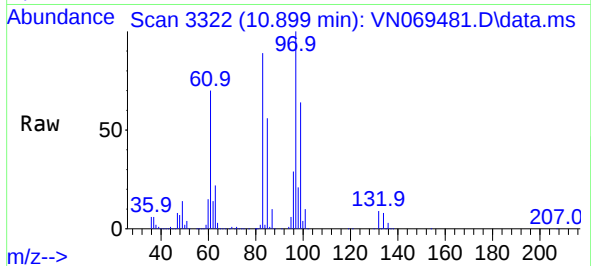
Tgt Ion: 75 Resp: 934032
Ion Ratio Lower Upper
75 100
77 30.9 26.4 39.6
39 62.5 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 55.952 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. -0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

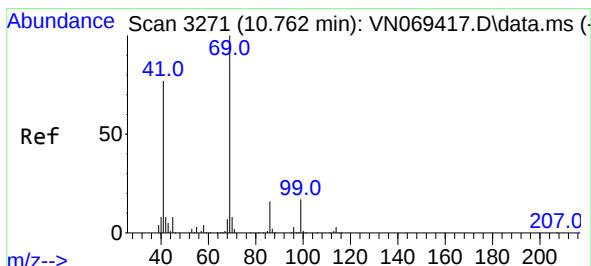
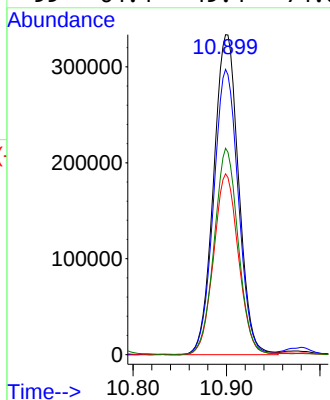
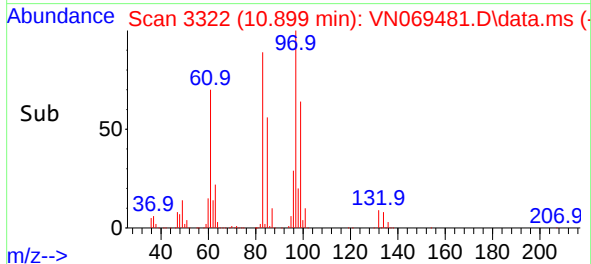
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



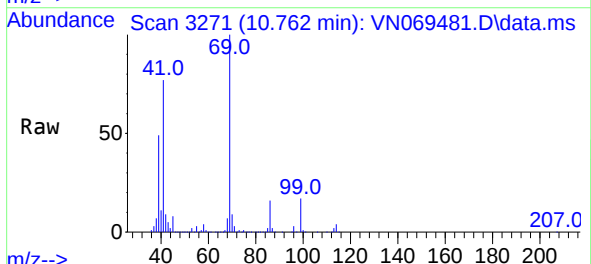
Tgt Ion: 97 Resp: 620829
Ion Ratio Lower Upper
97 100
83 89.1 67.8 101.6
85 56.5 45.4 68.2
99 64.4 49.4 74.0

Manual Integrations
APPROVED

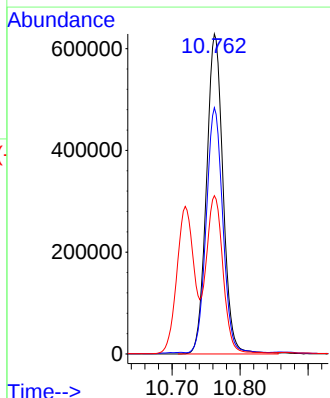
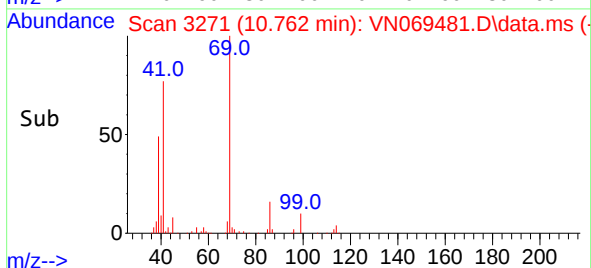
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#56
Ethyl methacrylate
Concen: 50.905 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58



Tgt Ion: 69 Resp: 1065255
Ion Ratio Lower Upper
69 100
41 76.4 51.4 77.0
39 49.6 34.6 52.0





#57

1,3-Dichloropropane

Concen: 54.876 ug/l

RT: 11.046 min Scan# 31

Delta R.T. 0.002 min

Lab File: VN069481.D

Acq: 12 Nov 2021 20:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 106996

Ion Ratio Lower Upper

76 100

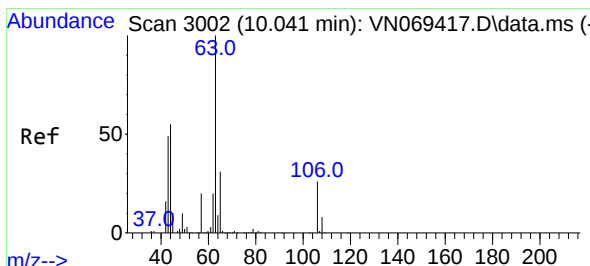
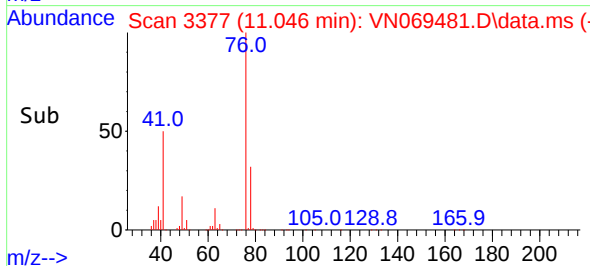
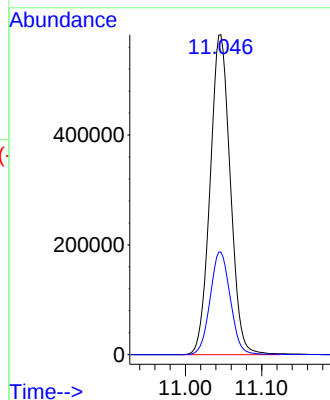
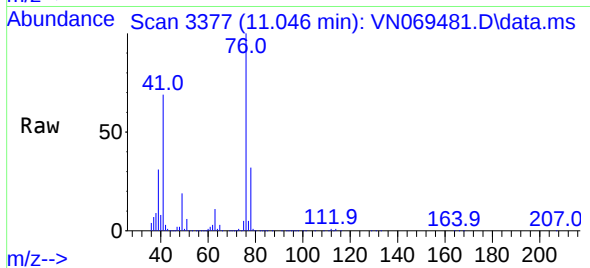
78 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#58

2-Chloroethyl Vinyl ether

Concen: 232.273 ug/l

RT: 10.043 min Scan# 3003

Delta R.T. 0.002 min

Lab File: VN069481.D

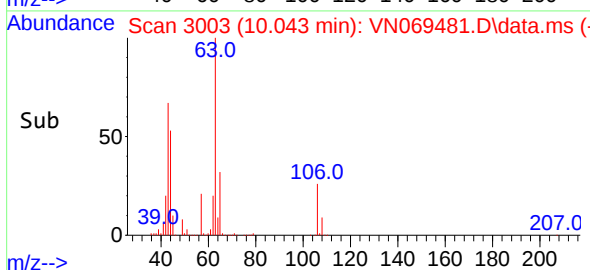
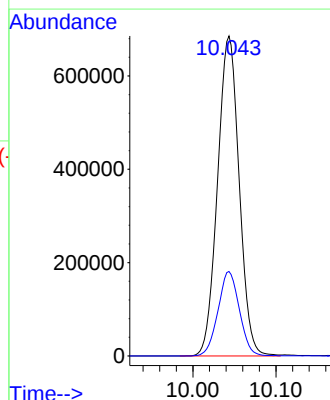
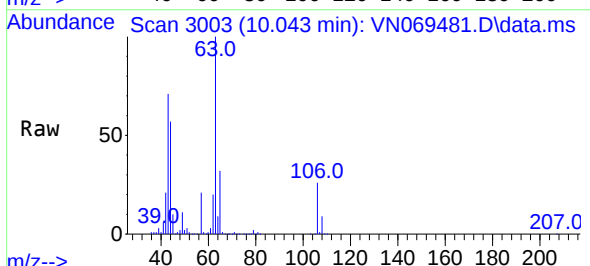
Acq: 12 Nov 2021 20:58

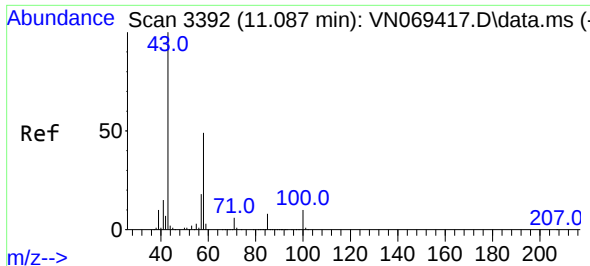
Tgt Ion: 63 Resp: 1239305

Ion Ratio Lower Upper

63 100

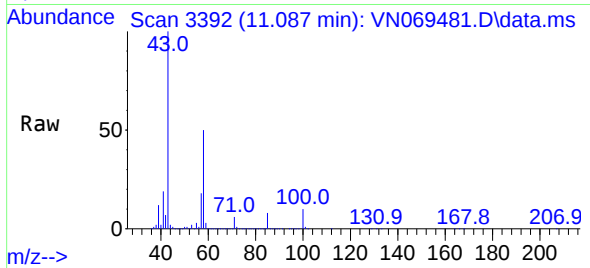
106 26.2 23.9 35.9





#59
2-Hexanone
Concen: 264.536 ug/l
RT: 11.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

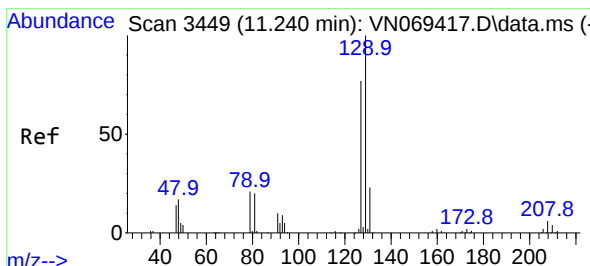
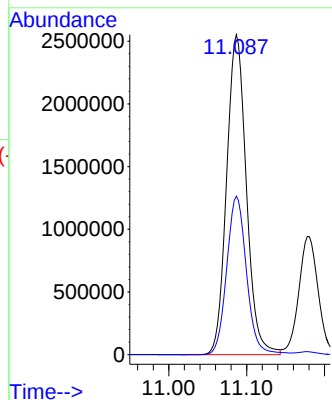
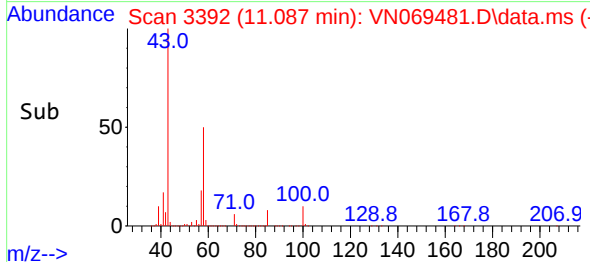
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



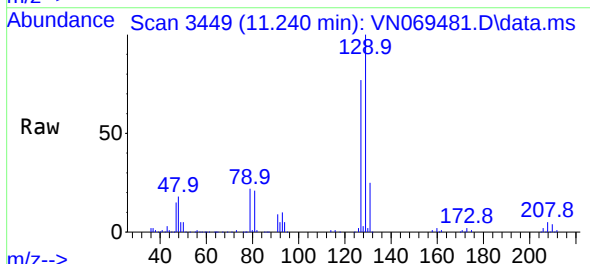
Tgt Ion: 43 Resp: 4488994
Ion Ratio Lower Upper
43 100
58 49.7 26.9 80.7

Manual Integrations
APPROVED

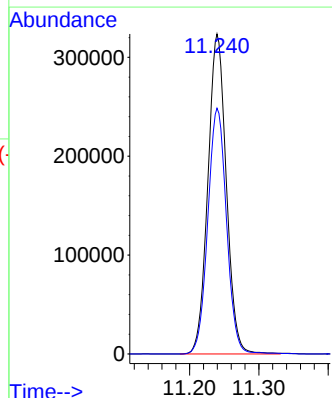
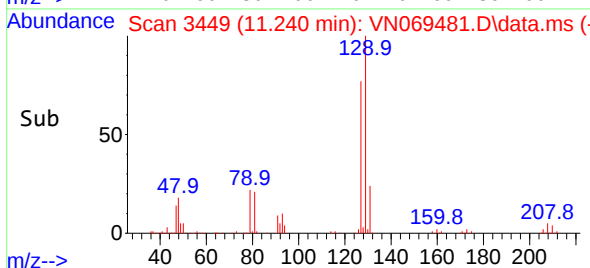
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

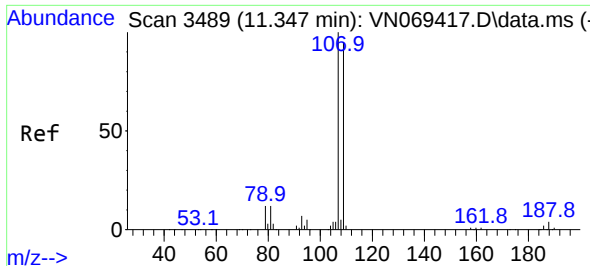


#60
Dibromochloromethane
Concen: 49.143 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58



Tgt Ion:129 Resp: 597961
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0





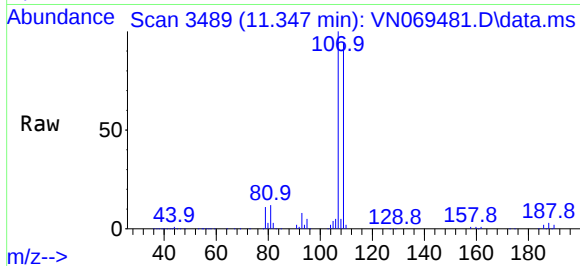
#61
1,2-Dibromoethane
Concen: 51.345 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

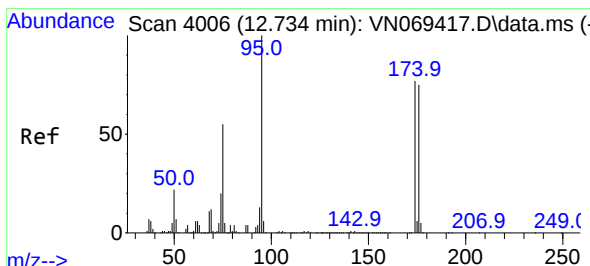
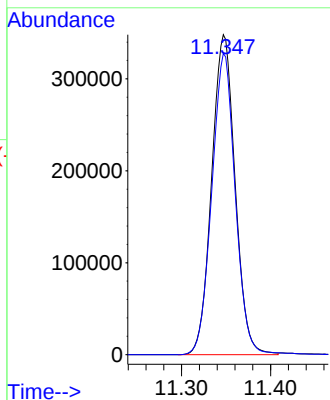
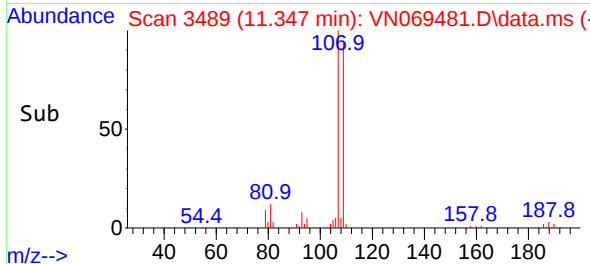


Tgt Ion:107 Resp: 63626
Ion Ratio Lower Upper
107 100
109 94.6 75.7 113.5

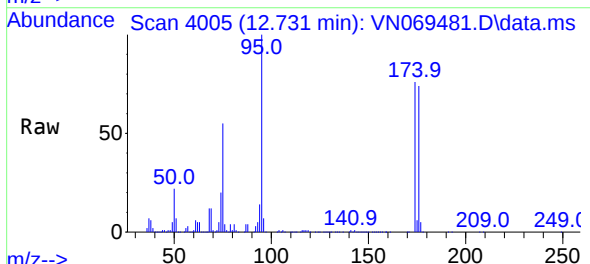
Manual Integrations

APPROVED

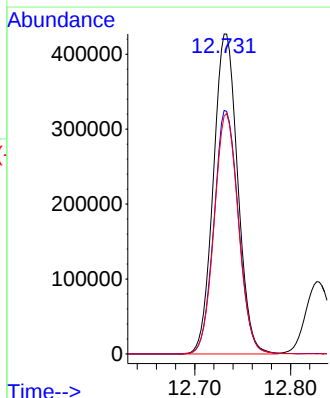
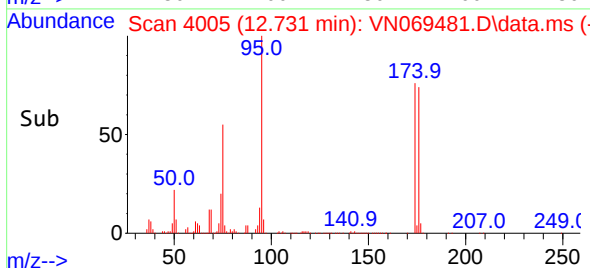
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

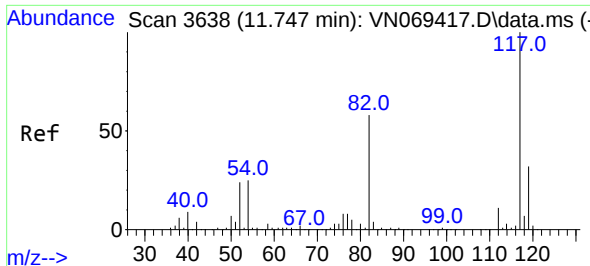


#62
4-Bromofluorobenzene
Concen: 51.012 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58



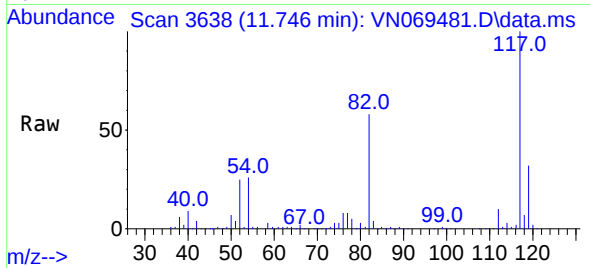
Tgt Ion: 95 Resp: 751994
Ion Ratio Lower Upper
95 100
174 76.5 0.0 187.2
176 74.7 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

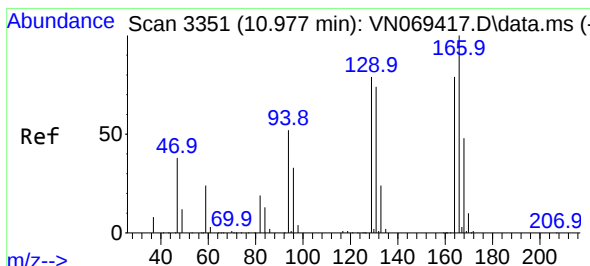
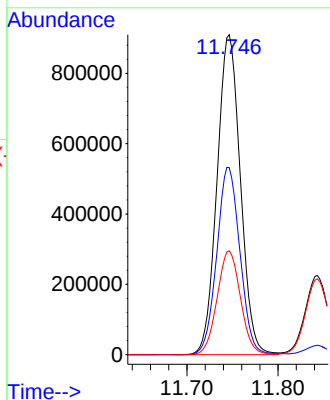
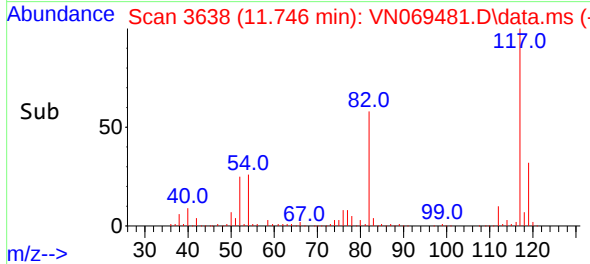
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



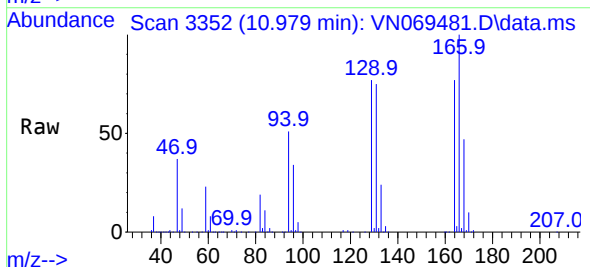
Tgt Ion:117 Resp: 1618578
Ion Ratio Lower Upper
117 100
82 58.4 42.4 63.6
119 32.5 25.4 38.2

Manual Integrations
APPROVED

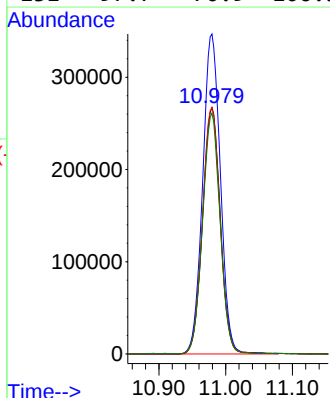
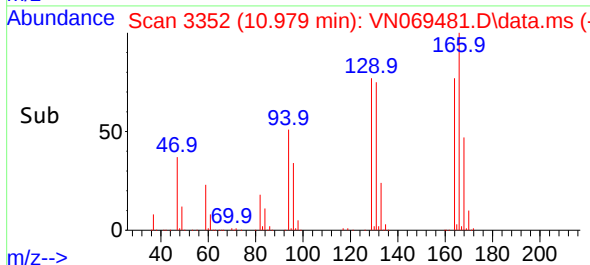
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#64
Tetrachloroethene
Concen: 50.740 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.002 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58



Tgt Ion:164 Resp: 495888
Ion Ratio Lower Upper
164 100
166 129.9 101.9 152.9
129 99.9 72.0 108.0
131 97.7 70.9 106.3





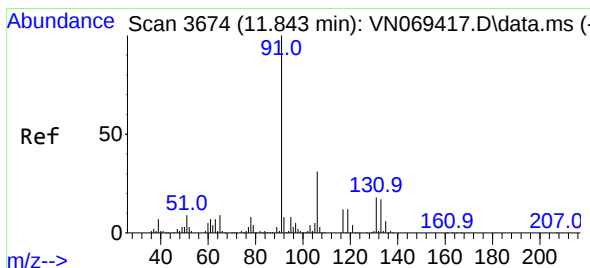
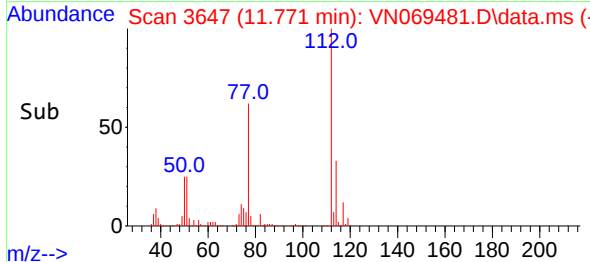
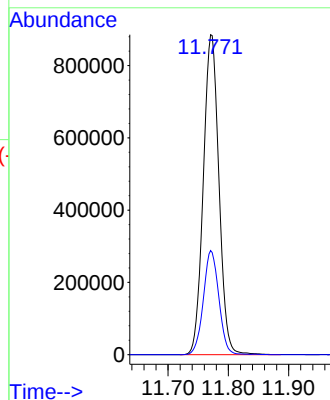
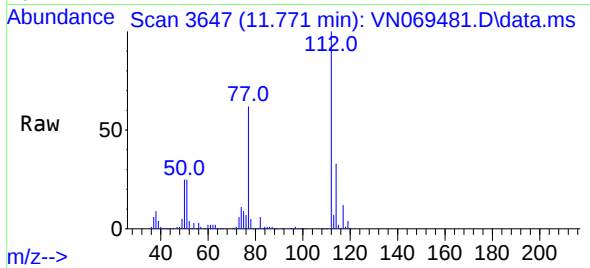
#65
Chlorobenzene
Concen: 52.912 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 159409
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.0

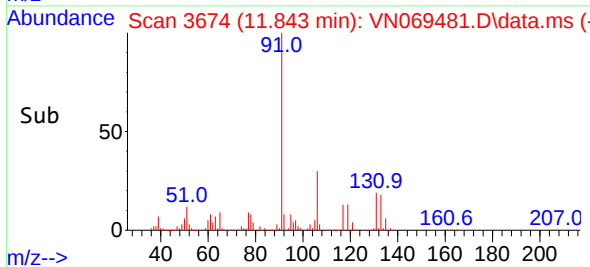
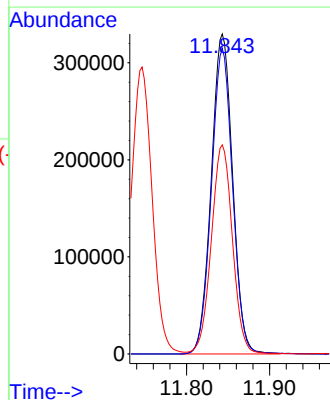
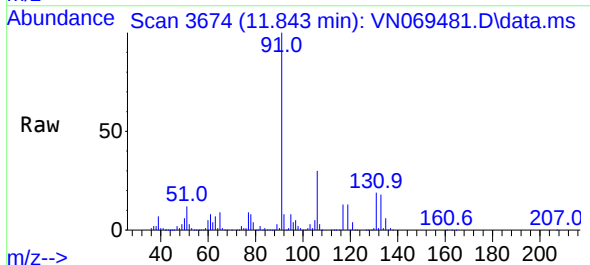
Manual Integrations
APPROVED

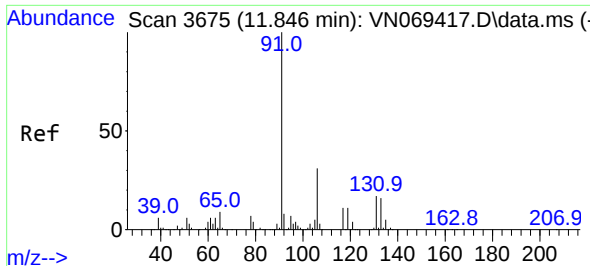
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 56.378 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

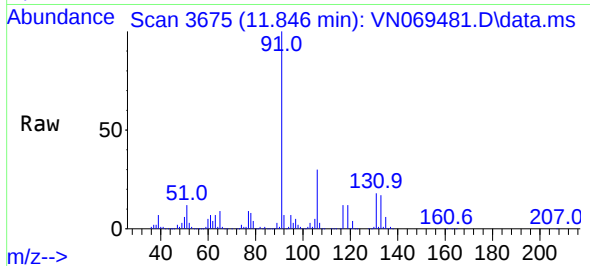
Tgt Ion:131 Resp: 589134
Ion Ratio Lower Upper
131 100
133 94.5 47.9 143.7
119 64.4 32.1 96.5





#67
Ethyl Benzene
Concen: 53.468 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

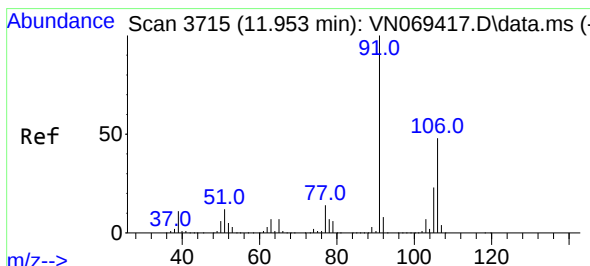
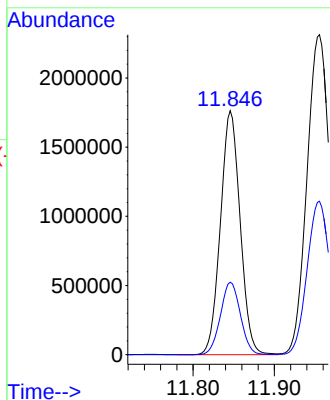
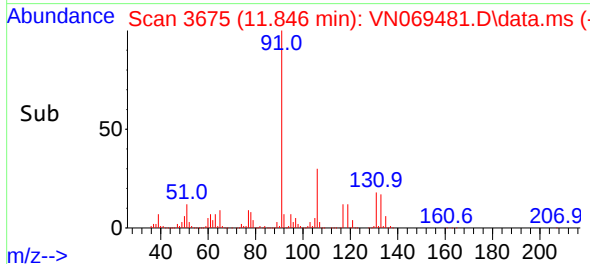
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



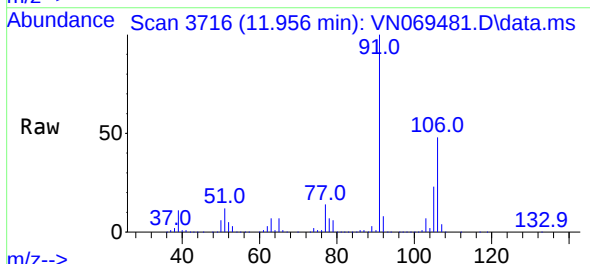
Tgt Ion: 91 Resp: 2970912
Ion Ratio Lower Upper
91 100
106 29.7 25.7 38.5

Manual Integrations
APPROVED

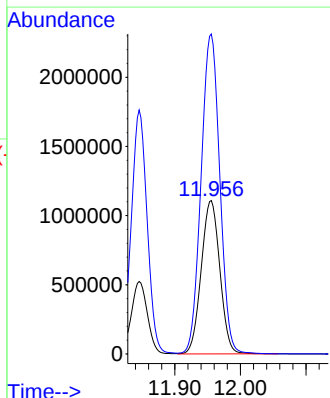
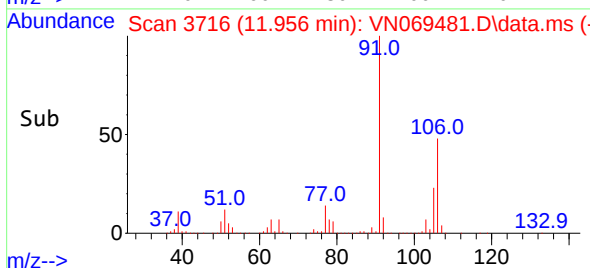
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

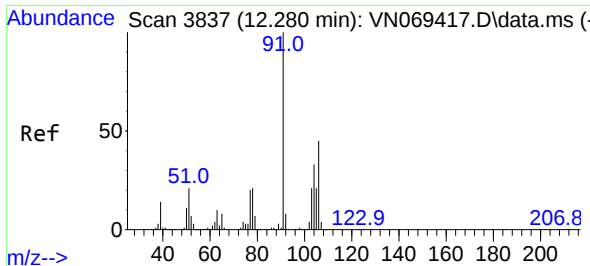


#68
m/p-Xylenes
Concen: 106.800 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58



Tgt Ion:106 Resp: 2182545
Ion Ratio Lower Upper
106 100
91 209.7 160.6 240.8





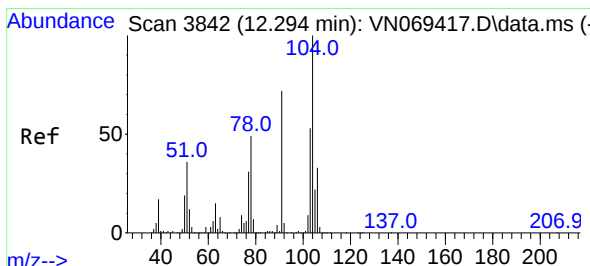
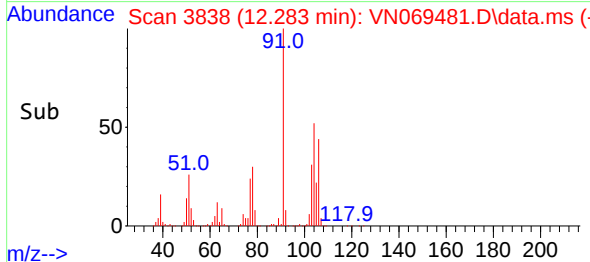
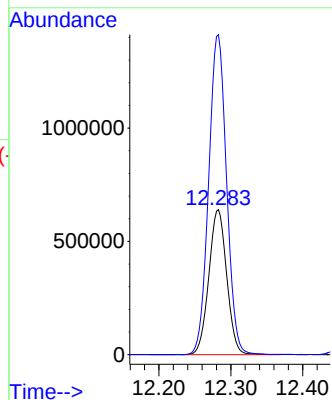
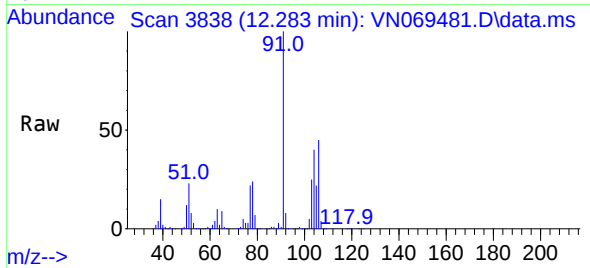
#69
o-Xylene
Concen: 54.351 ug/l
RT: 12.283 min Scan# 3837
Delta R.T. 0.003 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 1107307
Ion Ratio Lower Upper
106 100
91 220.6 105.8 317.3

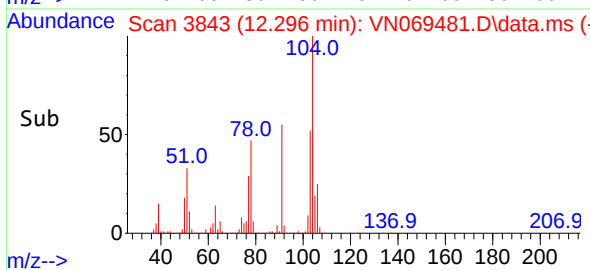
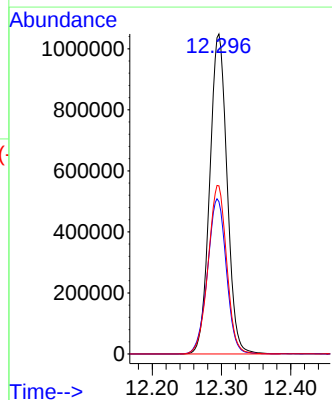
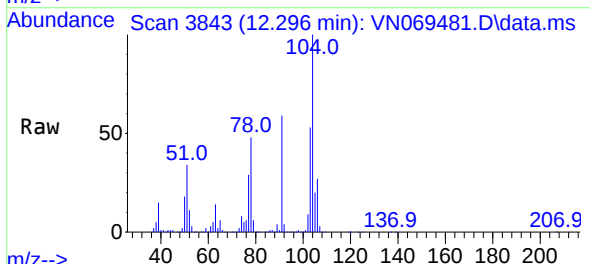
Manual Integrations
APPROVED

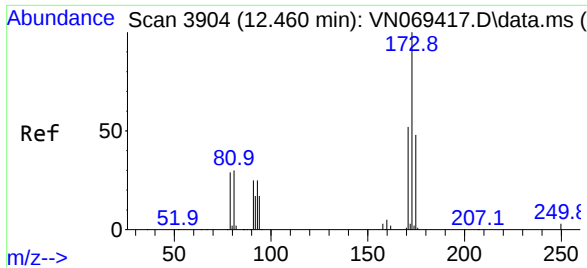
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#70
Styrene
Concen: 49.950 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

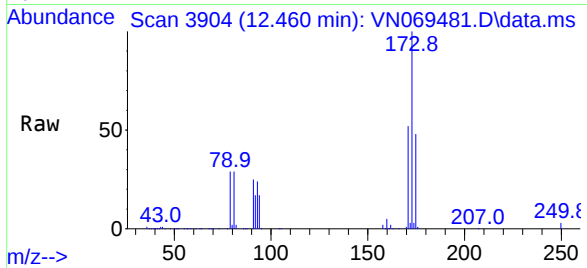
Tgt Ion:104 Resp: 1827073
Ion Ratio Lower Upper
104 100
78 52.8 38.7 58.1
103 56.2 45.0 67.6





#71
Bromoform
Concen: 48.489 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

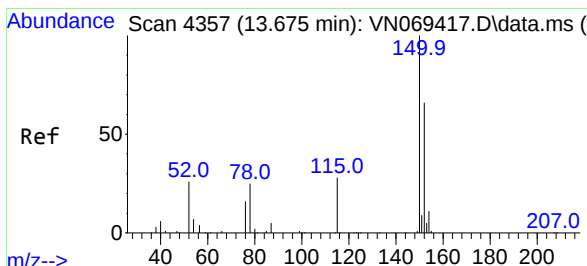
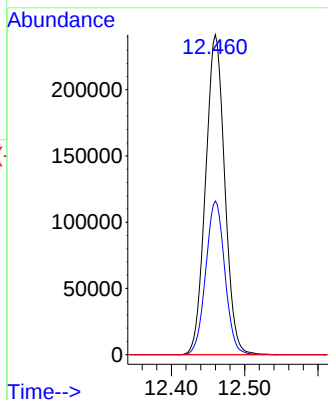
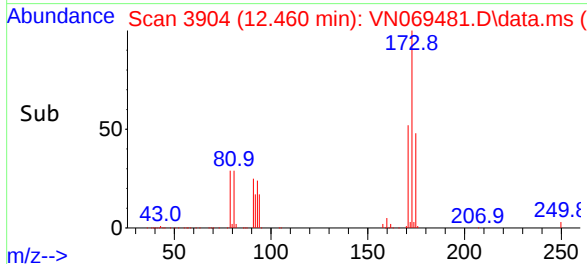
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



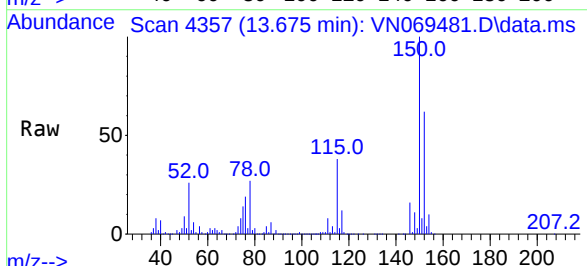
Tgt Ion:173 Resp: 438960
Ion Ratio Lower Upper
173 100
175 47.8 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
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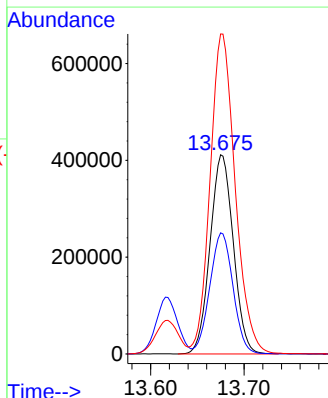
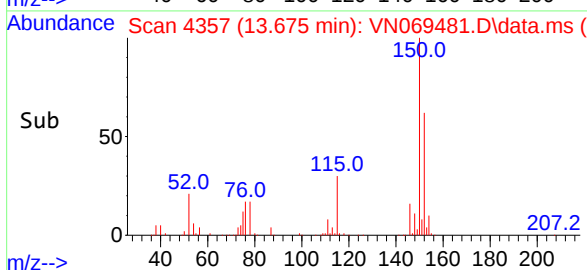
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

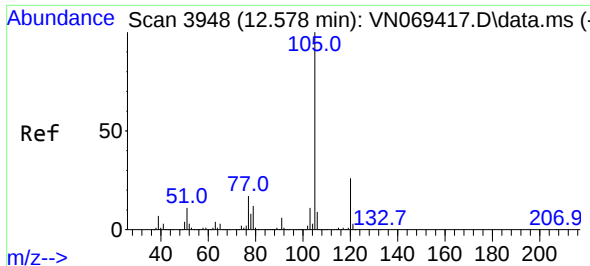


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58



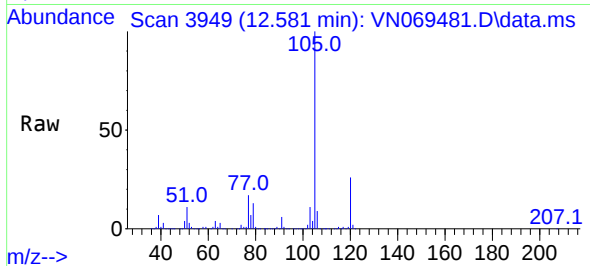
Tgt Ion:152 Resp: 713778
Ion Ratio Lower Upper
152 100
115 60.5 27.5 82.5
150 173.6 0.0 344.4





#73
Isopropylbenzene
Concen: 51.470 ug/l
RT: 12.581 min Scan# 3948
Delta R.T. 0.003 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

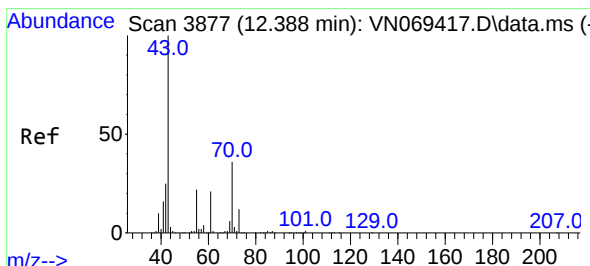
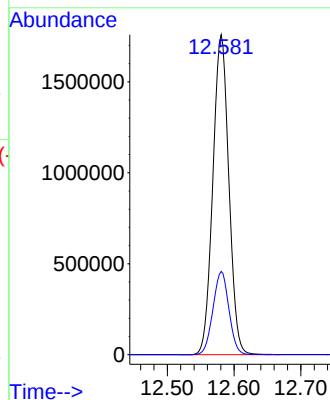
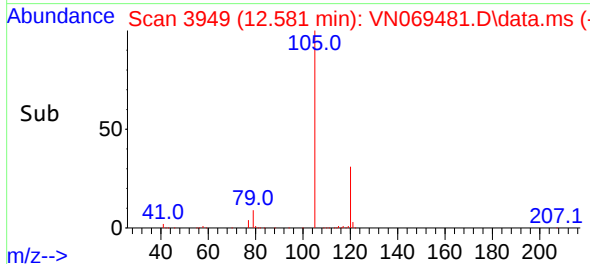
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



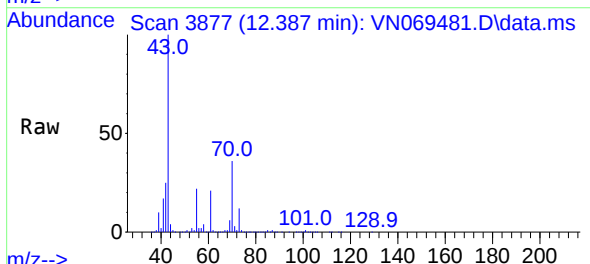
Tgt Ion:105 Resp: 2925104
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1

Manual Integrations
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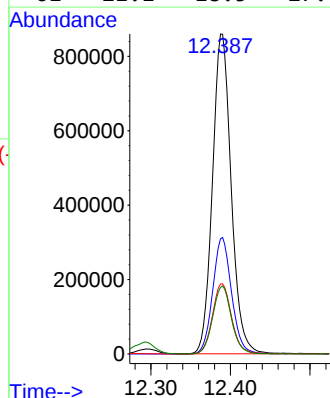
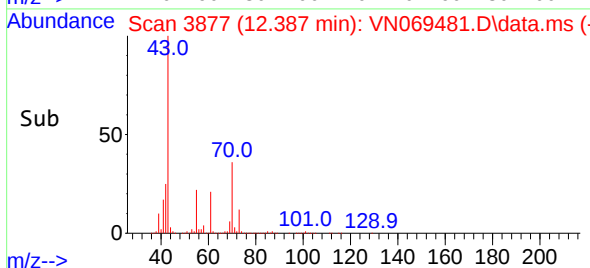
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

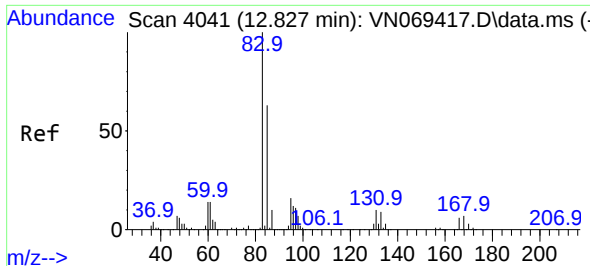


#74
N-ethyl acetate
Concen: 58.488 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. -0.001 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58



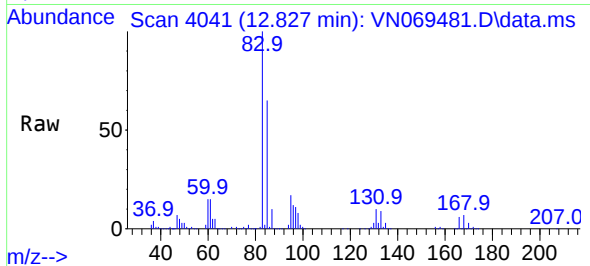
Tgt Ion: 43 Resp: 1408664
Ion Ratio Lower Upper
43 100
70 36.6 33.4 50.0
55 22.5 19.3 28.9
61 21.1 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 53.730 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

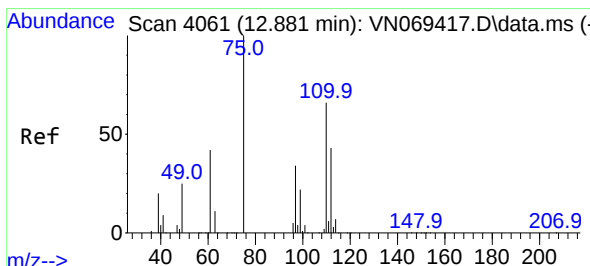
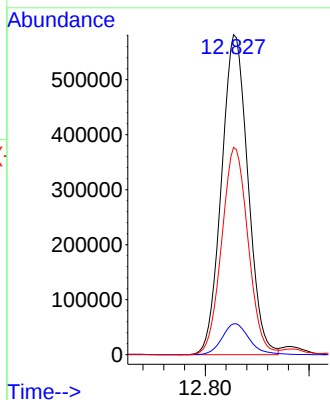
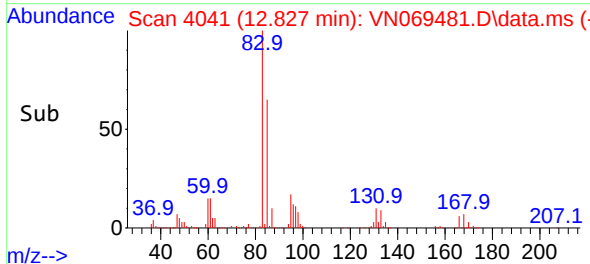
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



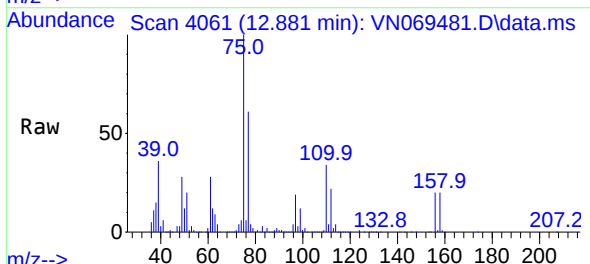
Tgt Ion: 83 Resp: 102987
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 64.6 32.4 97.2

Manual Integrations
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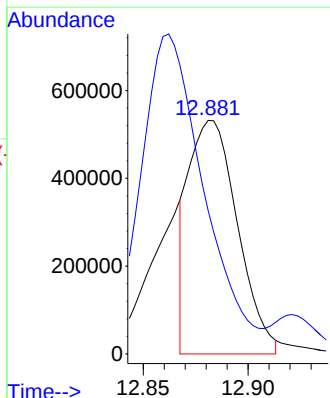
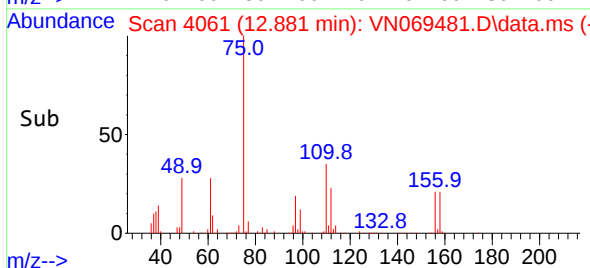
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#76
1,2,3-Trichloropropane
Concen: 52.136 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58



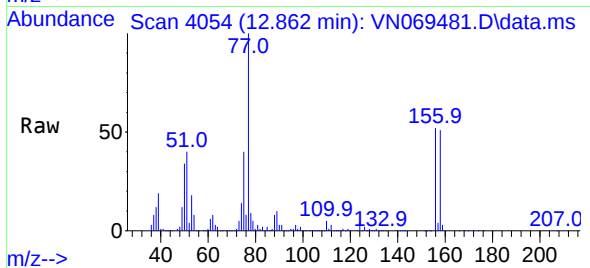
Tgt Ion: 75 Resp: 858805
Ion Ratio Lower Upper
75 100
77 178.6 82.6 247.8





#77
Bromobenzene
Concen: 52.597 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

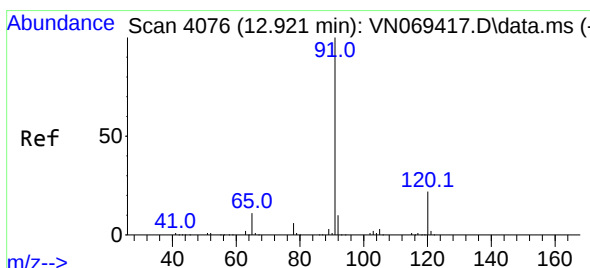
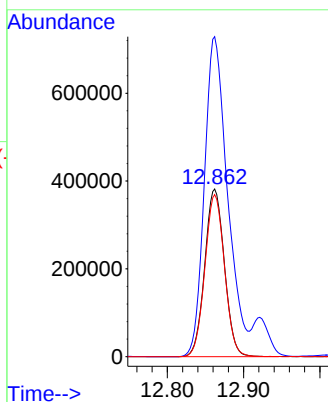
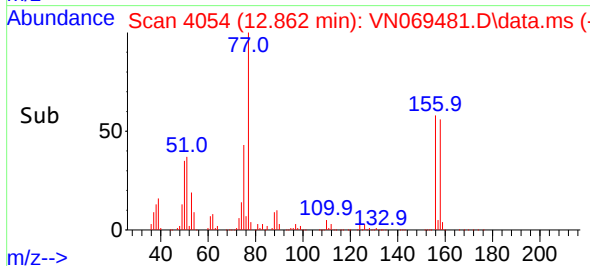
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



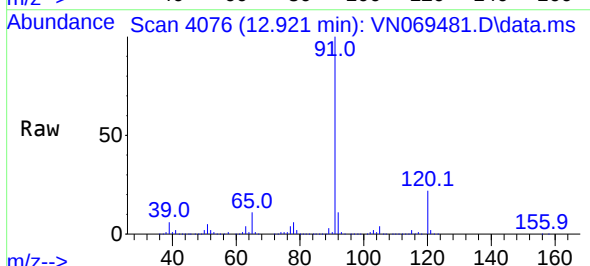
Tgt Ion:156 Resp: 683634
Ion Ratio Lower Upper
156 100
77 224.4 90.6 271.8
158 96.5 48.9 146.7

Manual Integrations
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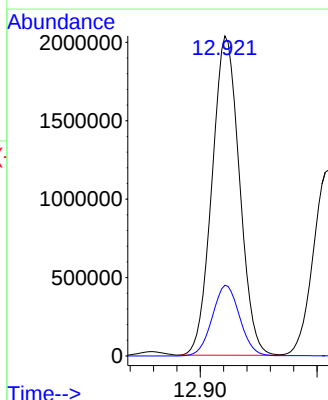
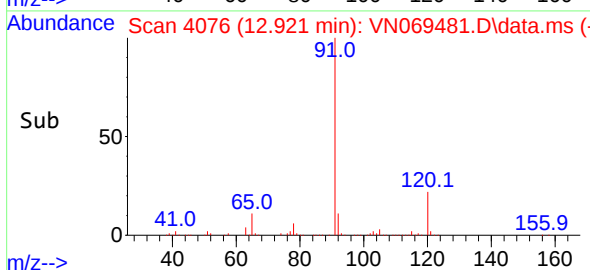
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

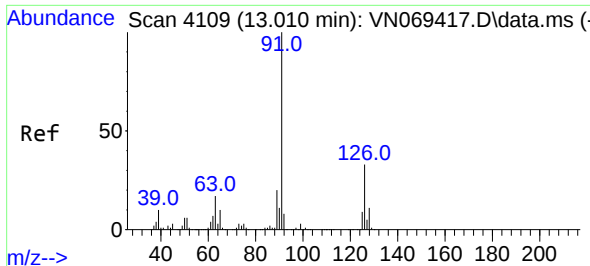


#78
n-propylbenzene
Concen: 51.857 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58



Tgt Ion: 91 Resp: 3316187
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.9





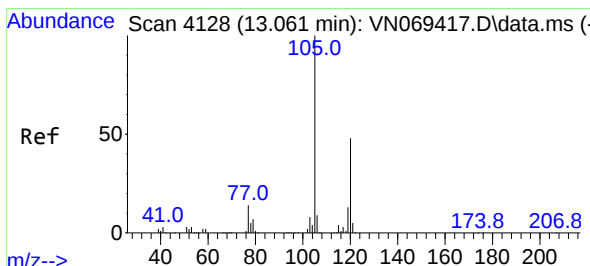
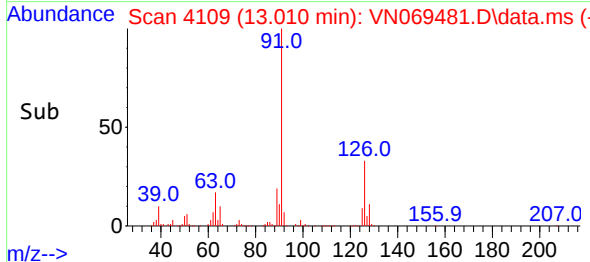
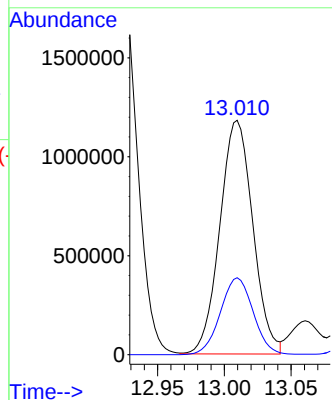
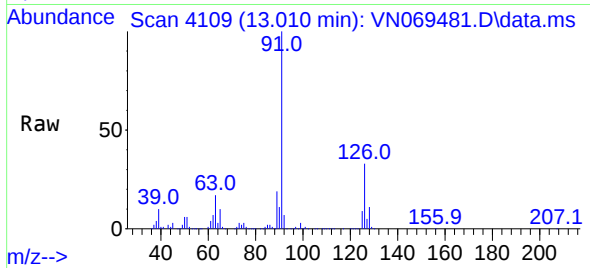
#79
2-Chlorotoluene
Concen: 51.421 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 2035984
Ion Ratio Lower Upper
91 100
126 32.8 18.3 54.8

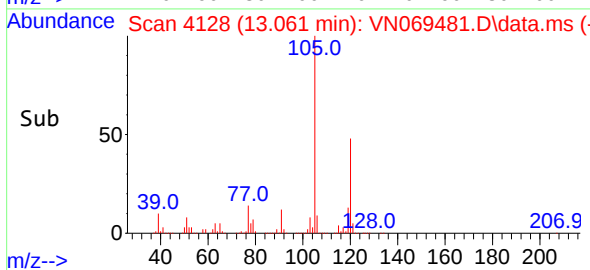
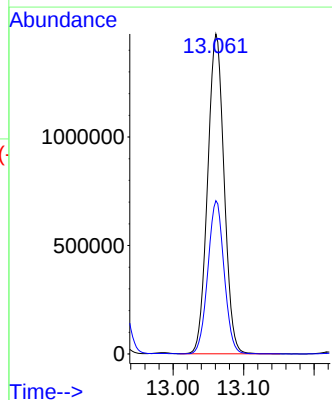
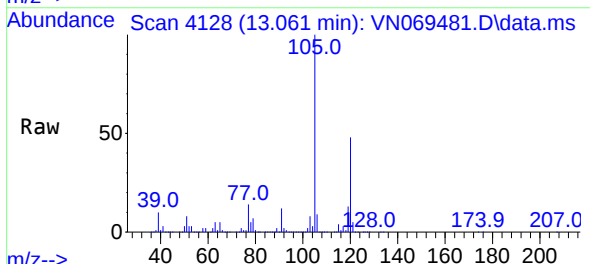
Manual Integrations
APPROVED

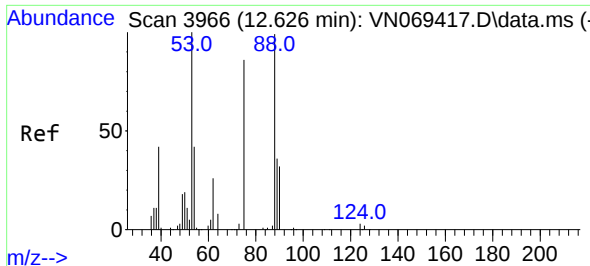
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#80
1,3,5-Trimethylbenzene
Concen: 52.056 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

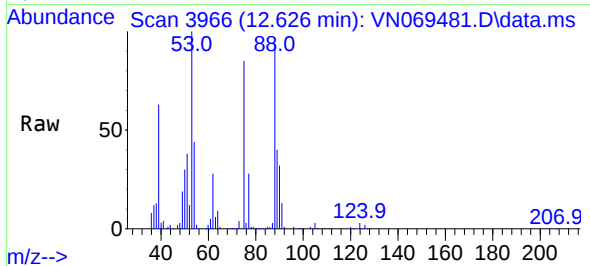
Tgt Ion:105 Resp: 2391632
Ion Ratio Lower Upper
105 100
120 47.4 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 47.575 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

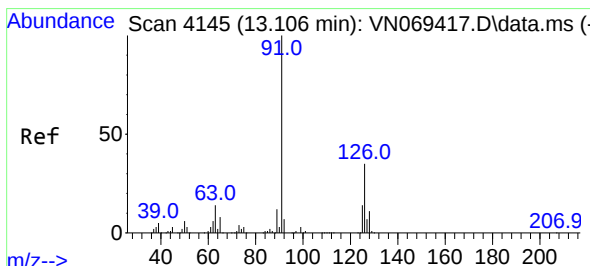
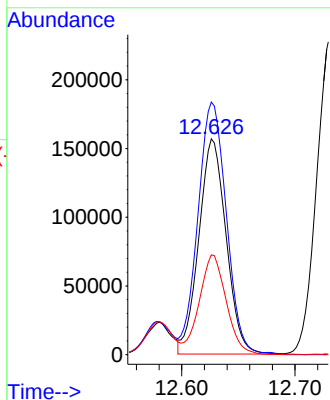
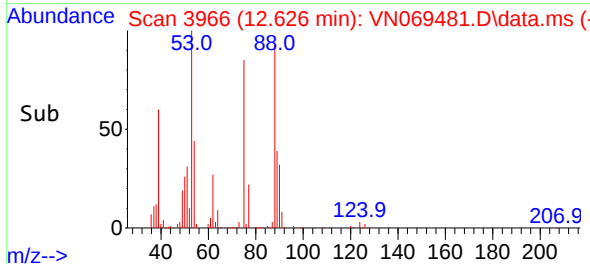
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



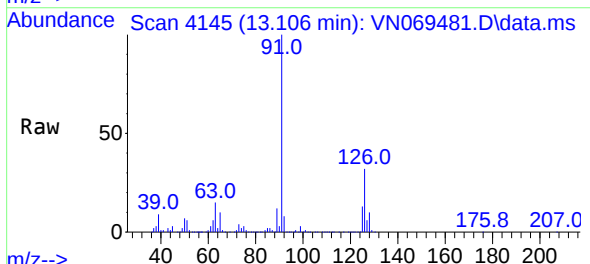
Tgt Ion: 75 Resp: 261514
Ion Ratio Lower Upper
75 100
53 123.1 90.5 135.7
89 46.0 38.2 57.4

Manual Integrations
APPROVED

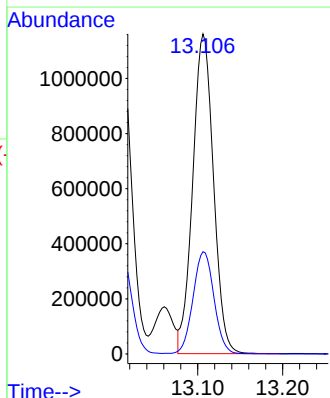
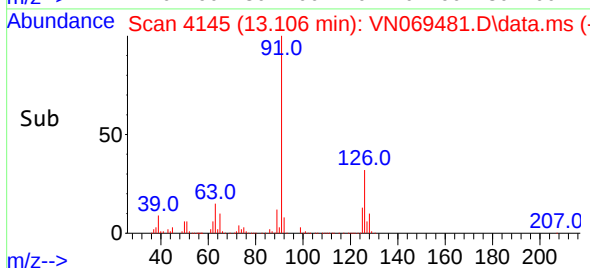
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#82
4-Chlorotoluene
Concen: 51.974 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58



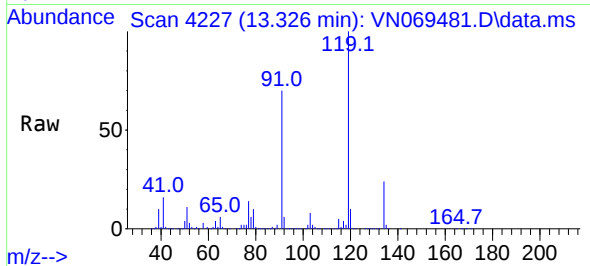
Tgt Ion: 91 Resp: 1961759
Ion Ratio Lower Upper
91 100
126 32.4 18.2 54.6





#83
tert-Butylbenzene
Concen: 52.521 ug/l
RT: 13.326 min Scan# 41
Delta R.T. 0.002 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

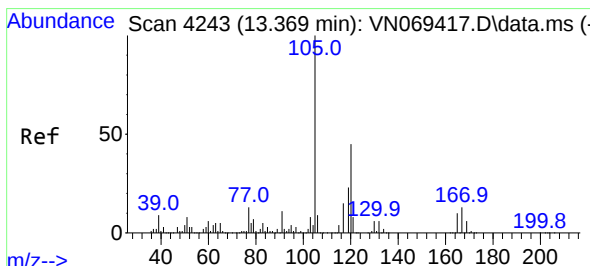
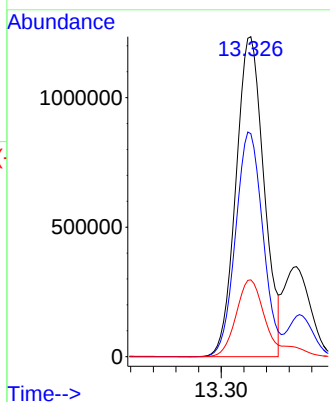
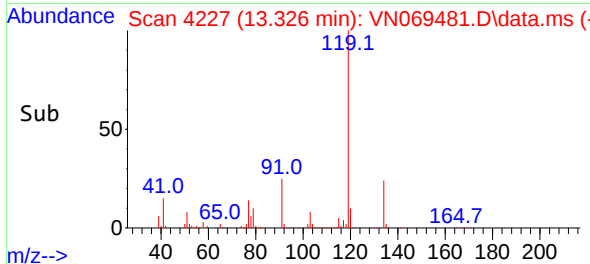
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



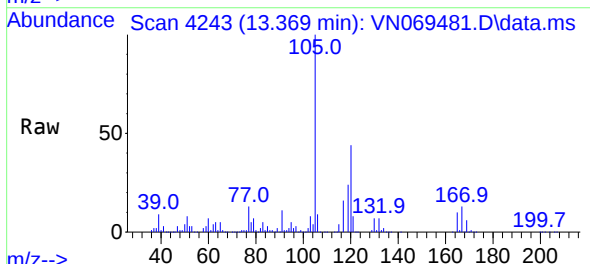
Tgt Ion:119 Resp: 211457
Ion Ratio Lower Upper
119 100
91 69.0 31.5 94.5
134 26.5 12.4 37.4

Manual Integrations
APPROVED

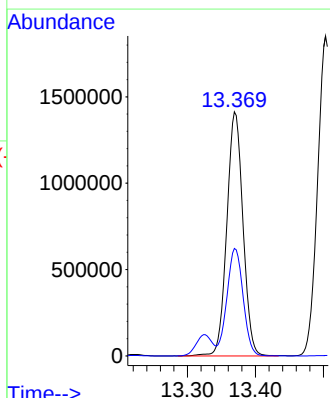
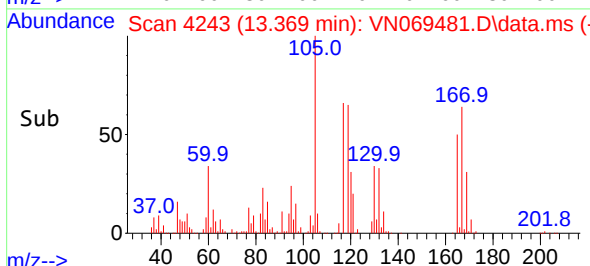
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#84
1,2,4-Trimethylbenzene
Concen: 52.570 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58



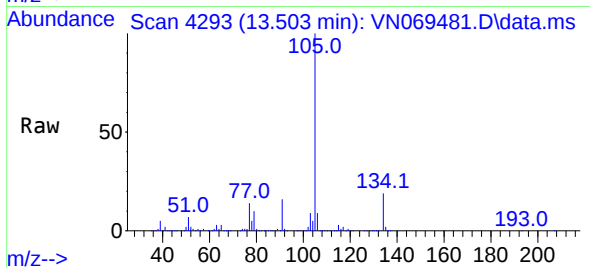
Tgt Ion:105 Resp: 2331692
Ion Ratio Lower Upper
105 100
120 44.0 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 53.177 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069481.D
 Acq: 12 Nov 2021 20:58

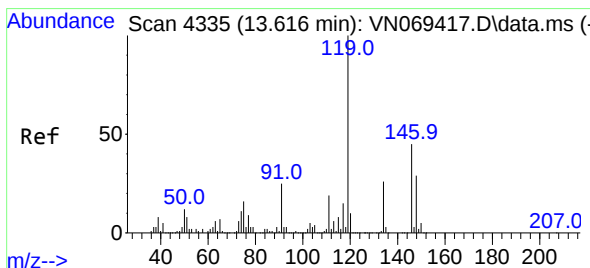
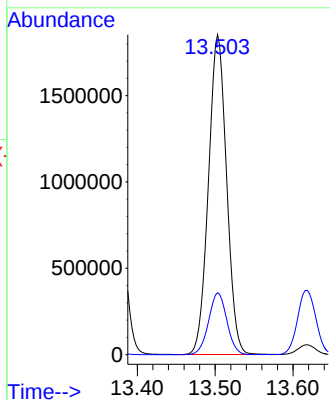
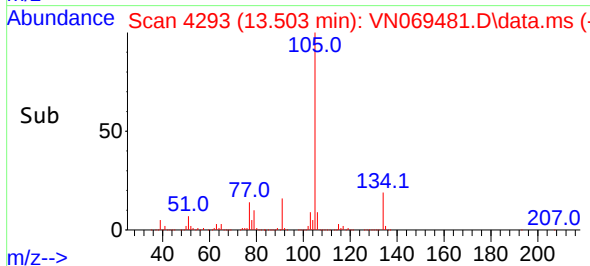
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



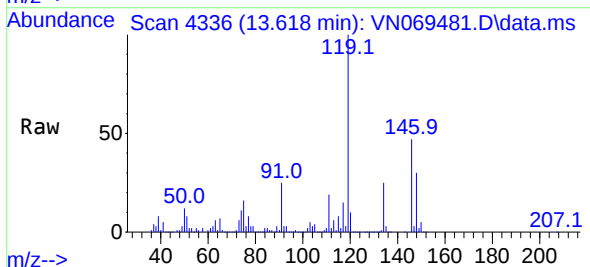
Tgt Ion:105 Resp: 2990774
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

Manual Integrations
 APPROVED

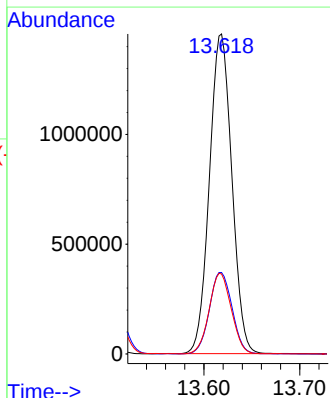
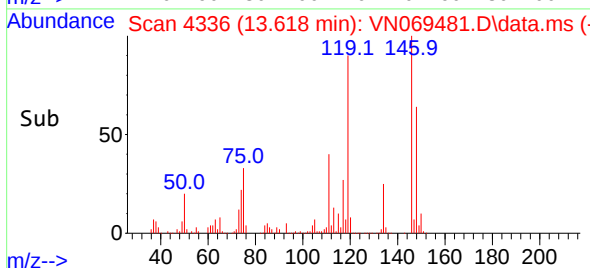
Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

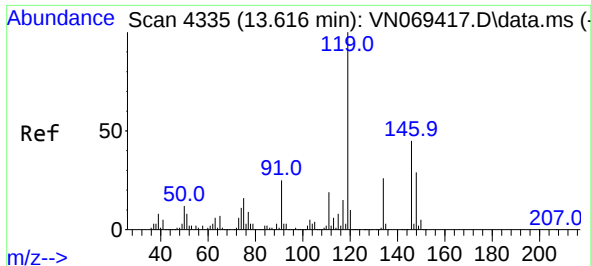


#86
 p-Isopropyltoluene
 Concen: 52.934 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. 0.002 min
 Lab File: VN069481.D
 Acq: 12 Nov 2021 20:58



Tgt Ion:119 Resp: 2363361
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.6 40.7
 91 25.0 11.4 34.1





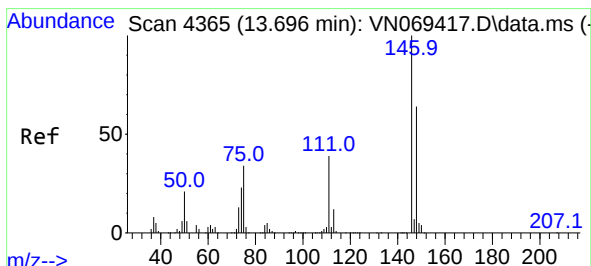
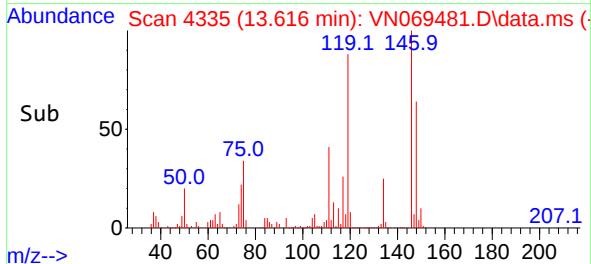
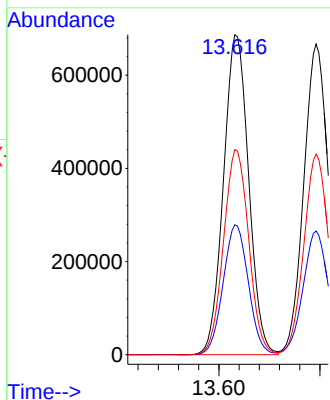
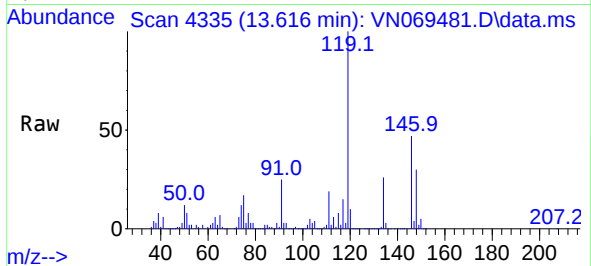
#87
1,3-Dichlorobenzene
Concen: 52.673 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 1186950
Ion Ratio Lower Upper
146 100
111 40.7 18.6 55.6
148 64.2 31.6 95.0

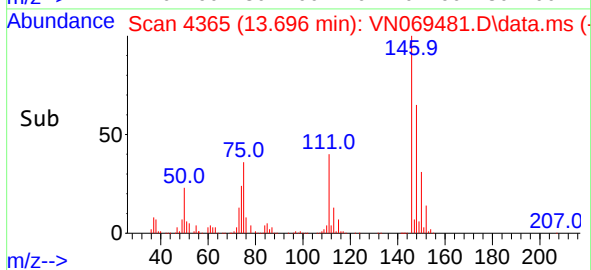
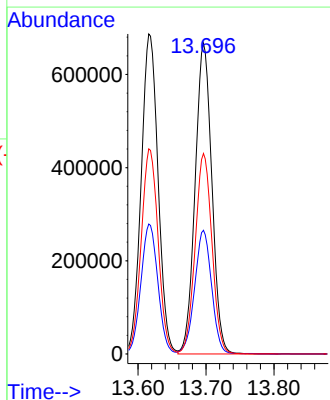
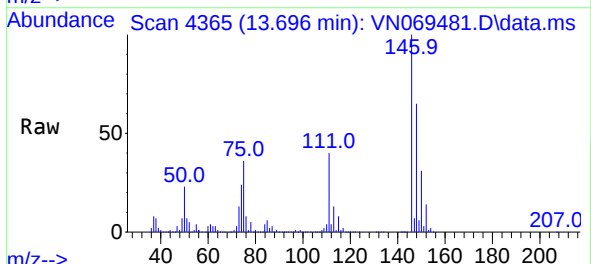
Manual Integrations
APPROVED

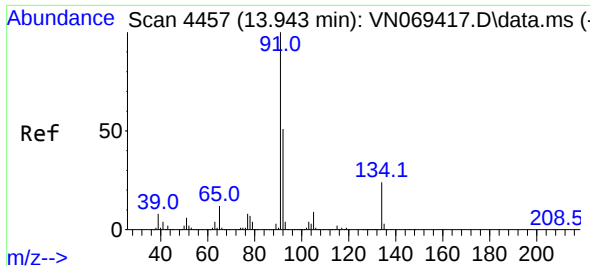
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#88
1,4-Dichlorobenzene
Concen: 51.593 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

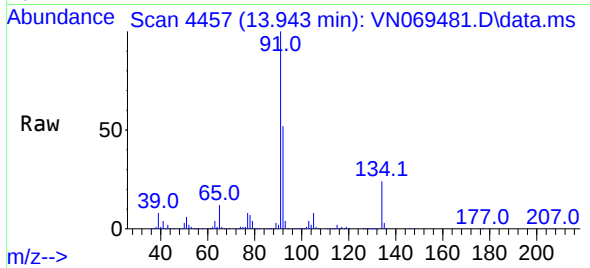
Tgt Ion:146 Resp: 1140552
Ion Ratio Lower Upper
146 100
111 40.1 18.3 54.8
148 64.6 31.8 95.4





#89
n-Butylbenzene
Concen: 51.969 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

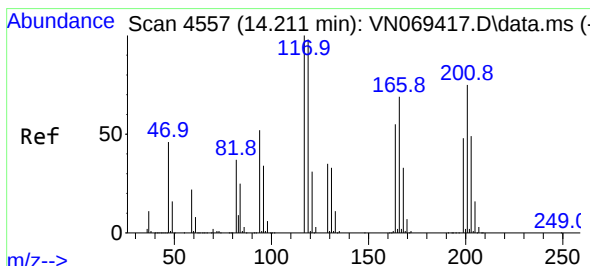
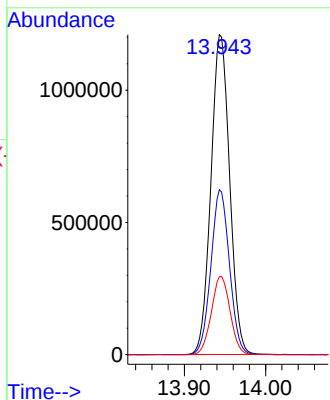
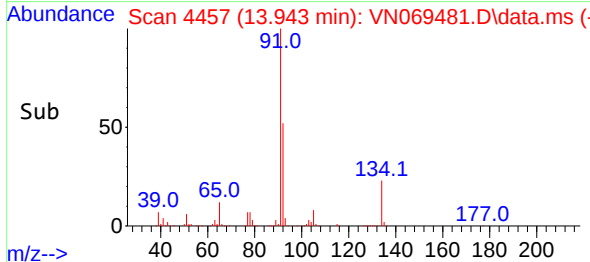
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



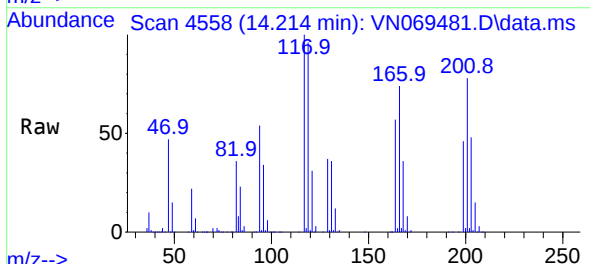
Tgt Ion: 91 Resp: 1934914
Ion Ratio Lower Upper
91 100
92 51.2 25.4 76.0
134 24.5 13.6 40.8

Manual Integrations
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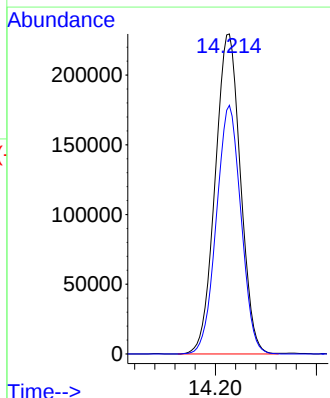
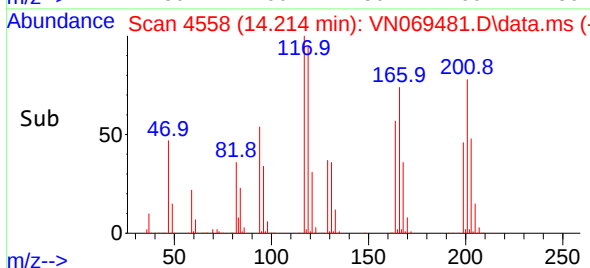
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

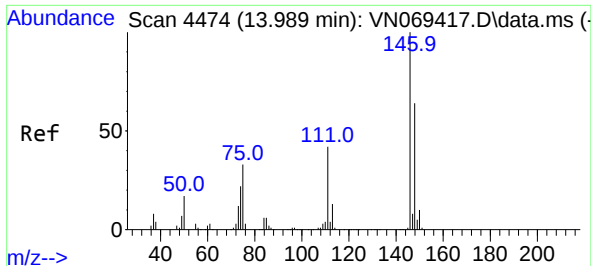


#90
Hexachloroethane
Concen: 48.694 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.003 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58



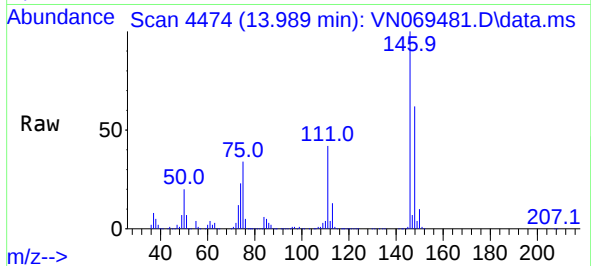
Tgt Ion:117 Resp: 399124
Ion Ratio Lower Upper
117 100
201 75.6 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 54.916 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

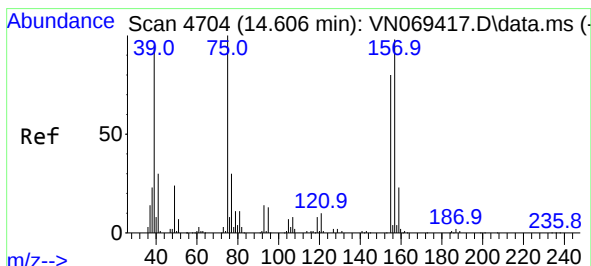
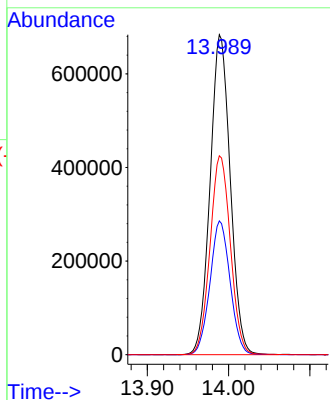
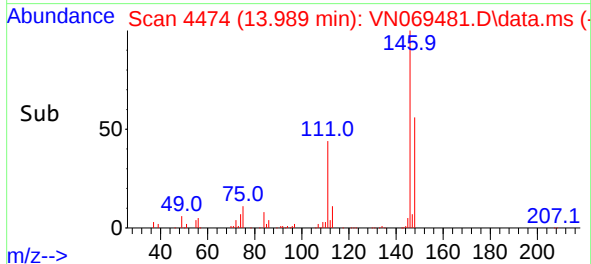
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



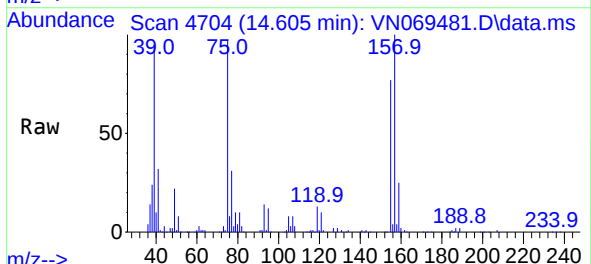
Tgt Ion:146 Resp: 1177540
Ion Ratio Lower Upper
146 100
111 41.8 19.1 57.3
148 63.1 32.1 96.3

Manual Integrations
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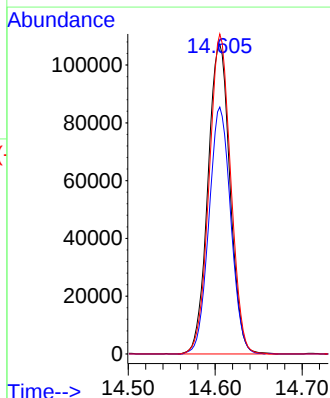
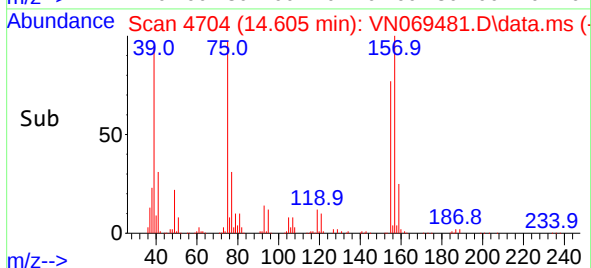
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

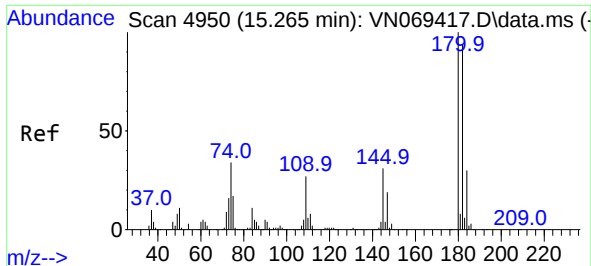


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.171 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. -0.001 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58



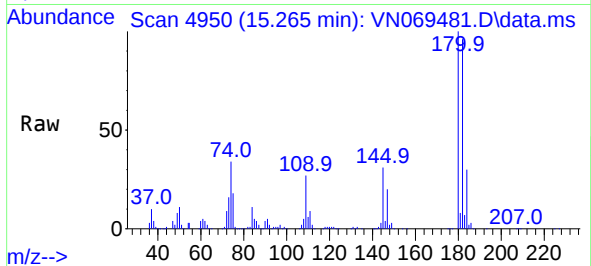
Tgt Ion: 75 Resp: 189905
Ion Ratio Lower Upper
75 100
155 78.4 46.9 140.7
157 100.5 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 49.056 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

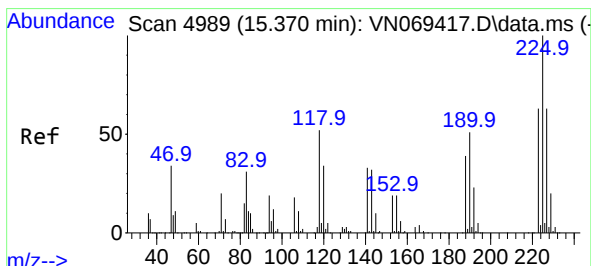
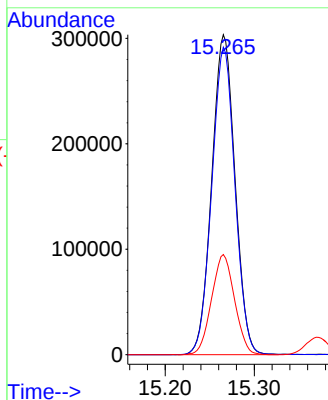
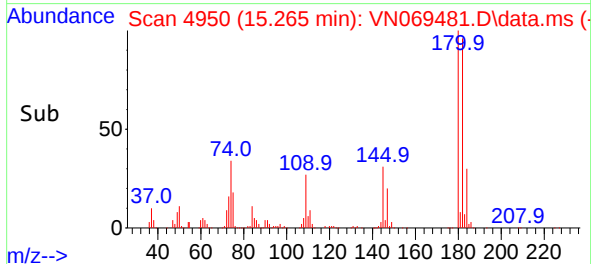
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



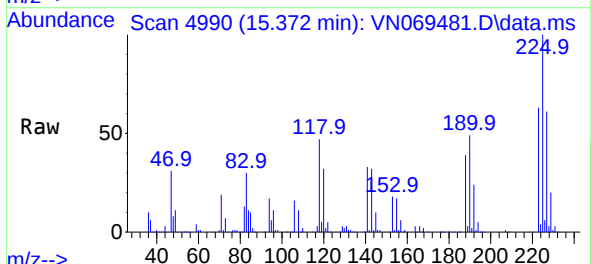
Tgt Ion:180 Resp: 55045
Ion Ratio Lower Upper
180 100
182 95.9 48.3 144.9
145 31.0 14.5 43.5

Manual Integrations
APPROVED

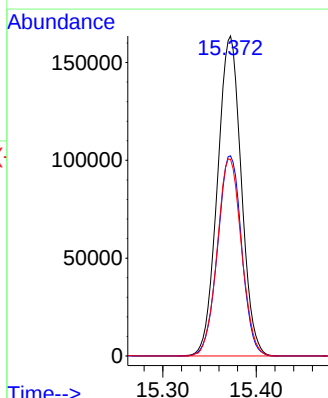
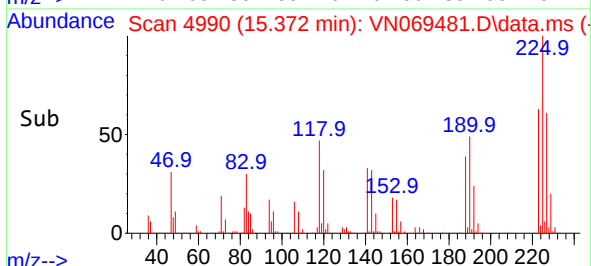
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

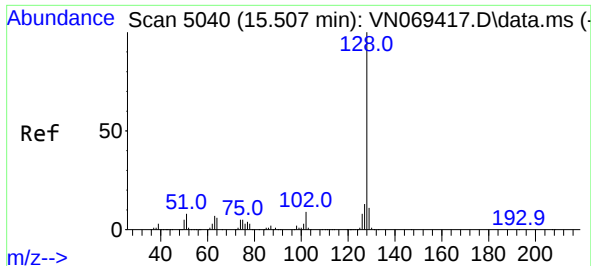


#94
Hexachlorobutadiene
Concen: 51.980 ug/l
RT: 15.372 min Scan# 4990
Delta R.T. 0.002 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58



Tgt Ion:225 Resp: 289605
Ion Ratio Lower Upper
225 100
223 63.0 31.9 95.7
227 62.8 32.1 96.3





#95
Naphthalene
Concen: 55.410 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

Instrument :

MSVOA_N

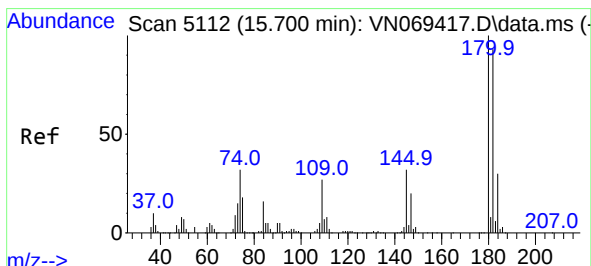
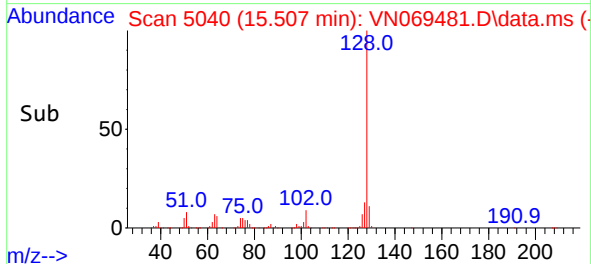
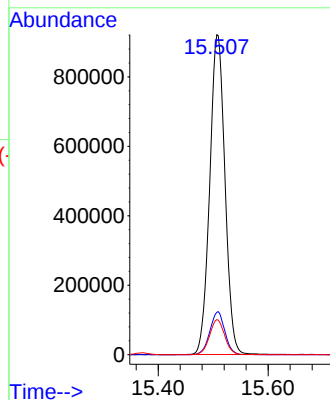
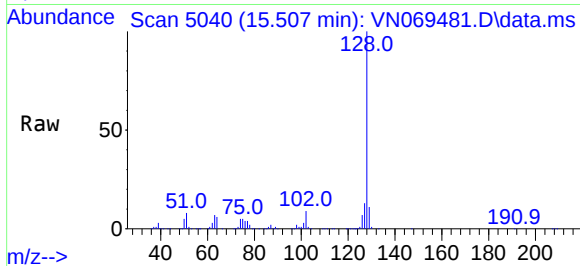
ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 177248
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#96
1,2,3-Trichlorobenzene
Concen: 52.177 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN069481.D
Acq: 12 Nov 2021 20:58

Tgt Ion:180 Resp: 562152
Ion Ratio Lower Upper
180 100
182 95.1 47.4 142.2
145 32.7 15.0 45.1

