

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081221\
 Data File : VV021777.D
 Acq On : 12 Aug 2021 15:52
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 13 03:39:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 13 03:38:16 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	207460	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	194083	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	105194	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	37781	4.756	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.564	69	45705	4.863	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.105	63	89085	4.946	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.000%
20) 2-Butanone-d5	3.905	46	161725	51.223	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.440%
24) Chloroform-d	4.346	84	128935	5.141	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	5.030	65	58637	5.110	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.047	84	250994	5.185	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	6.069	67	78597	5.033	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.313	98	230121	5.165	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
43) trans-1,3-Dichloroprop...	7.625	79	24528	5.112	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.200%
46) 2-Hexanone-d5	8.088	63	122063	52.137	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.280%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	52053	5.010	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	90172	4.958	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	82901	5.561	ug/L	98
3) Chloromethane	1.240	50	68741	5.378	ug/L	99
5) Vinyl chloride	1.307	62	73988	5.499	ug/L	99
6) Bromomethane	1.519	94	45237	5.325	ug/L	100
8) Chloroethane	1.584	64	43819	5.185	ug/L	99
9) Trichlorofluoromethane	1.751	101	111366	5.633	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	57241	5.378	ug/L	99
12) 1,1-Dichloroethene	2.114	96	51254	5.366	ug/L	97
13) Acetone	2.211	43	87266	43.672	ug/L	96
14) Carbon disulfide	2.288	76	124738	4.465	ug/L	100
15) Methyl Acetate	2.442	43	27006	4.703	ug/L	98
16) Methylene chloride	2.503	84	87056	5.045	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	162220	5.402	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	68742	5.585	ug/L	96
19) 1,1-Dichloroethane	3.185	63	127164	5.535	ug/L	100
21) 2-Butanone	3.992	43	172080	52.774	ug/L	100
22) cis-1,2-Dichloroethene	3.908	96	76759	5.526	ug/L	100
23) Bromochloromethane	4.246	128	33059	5.289	ug/L	97
25) Chloroform	4.371	83	132083	5.388	ug/L	98

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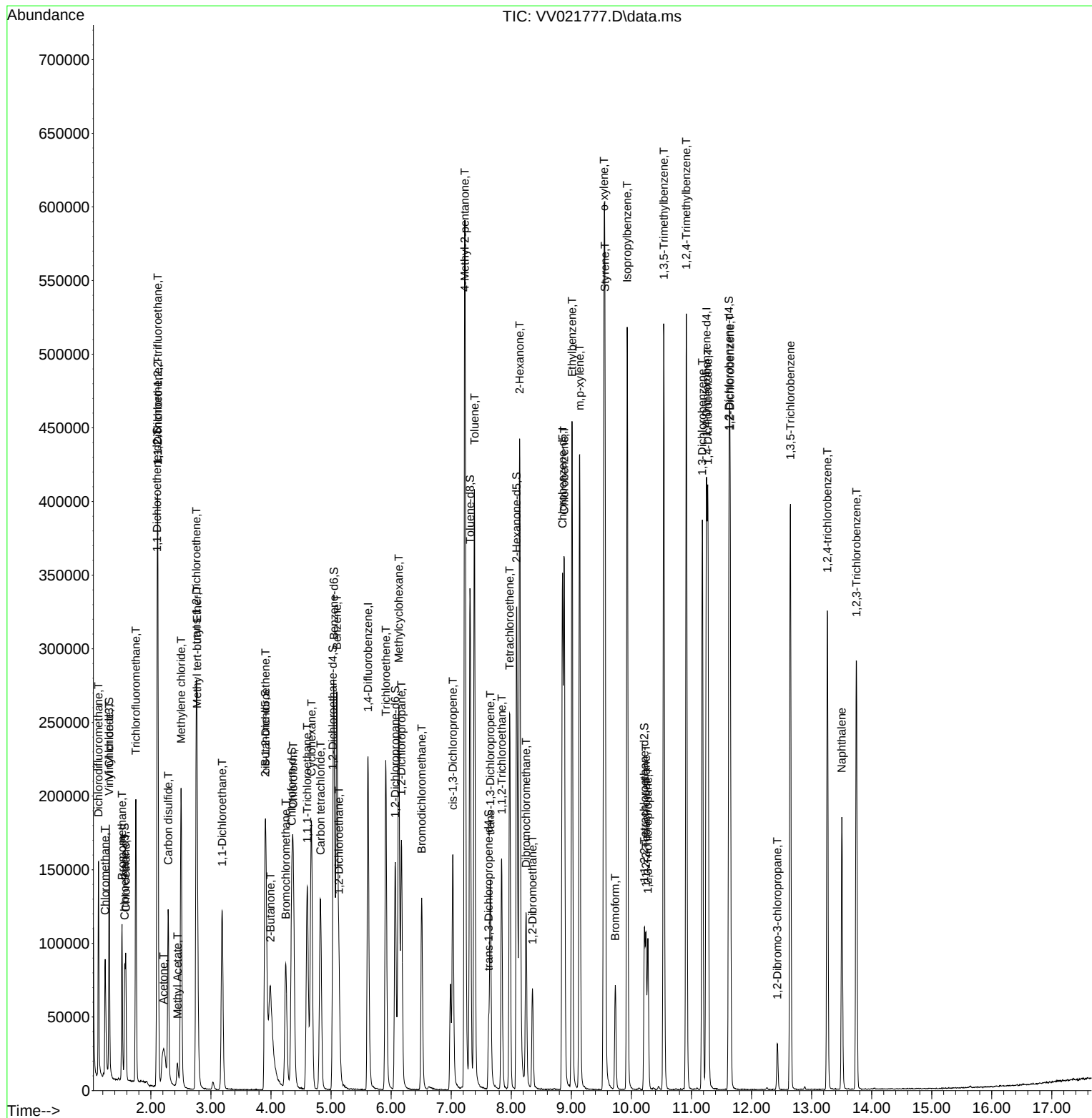
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	70068	5.359	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	116494	5.622	ug/L	98
30) Cyclohexane	4.674	56	103145	5.543	ug/L	99
31) Carbon tetrachloride	4.825	117	98980	5.544	ug/L	100
33) Benzene	5.098	78	274141	5.518	ug/L	100
34) Trichloroethene	5.911	95	77354	5.536	ug/L	96
35) Methylcyclohexane	6.127	83	113570	5.637	ug/L	99
37) 1,2-Dichloropropane	6.172	63	68772	5.449	ug/L	99
38) Bromodichloromethane	6.510	83	89704	5.508	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	102279	5.609	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	409662	52.825	ug/L	100
42) Toluene	7.387	91	299593	5.570	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	85845	5.552	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	50286	5.327	ug/L	97
47) Tetrachloroethene	7.976	164	60194	5.547	ug/L	98
48) 2-Hexanone	8.140	43	288012	53.882	ug/L	97
49) Dibromochloromethane	8.246	129	62345	5.561	ug/L	98
50) 1,2-Dibromoethane	8.352	107	47244	5.369	ug/L	97
51) Chlorobenzene	8.882	112	196444	5.484	ug/L	99
52) Ethylbenzene	9.011	91	323945	5.593	ug/L	99
53) m,p-xylene	9.140	106	126225	5.574	ug/L	99
54) o-xylene	9.545	106	124554	5.580	ug/L	100
55) Styrene	9.561	104	210655	5.692	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	50905	5.245	ug/L	99
59) Bromoform	9.731	173	32978	5.248	ug/L	99
60) Isopropylbenzene	9.931	105	337940	5.445	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	41404	5.106	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	282296	5.461	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	291350	5.544	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	163878	5.462	ug/L	97
65) 1,4-Dichlorobenzene	11.275	146	162614	5.450	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	150859	5.373	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	7791	5.107	ug/L	88
69) 1,3,5-Trichlorobenzene	12.648	180	127300	5.446	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	101332	5.494	ug/L	99
71) Naphthalene	13.503	128	146583	5.353	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	90386	5.573	ug/L	99

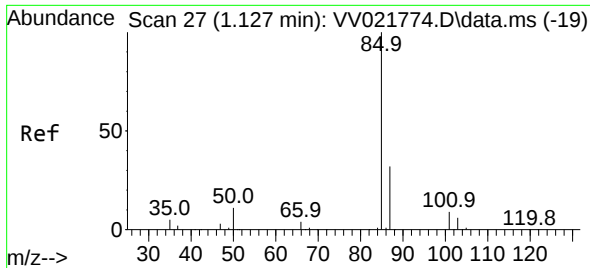
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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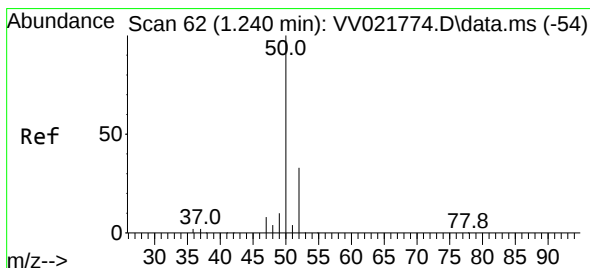
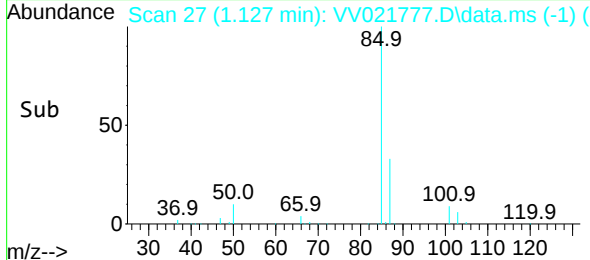
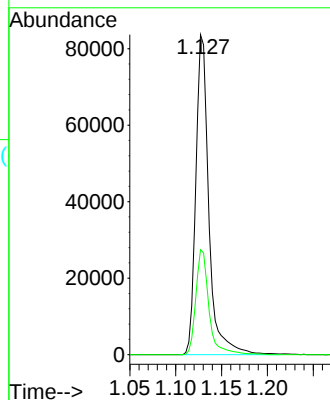
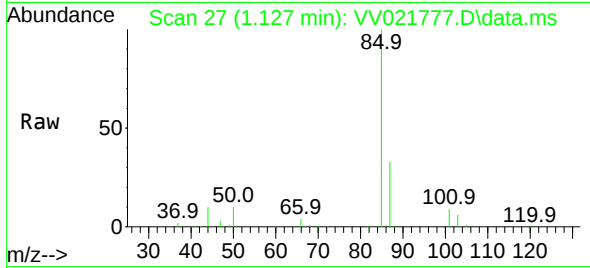




#2
 Dichlorodifluoromethane
 Concen: 5.561 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV021777.D
 Acq: 12 Aug 2021 15:52

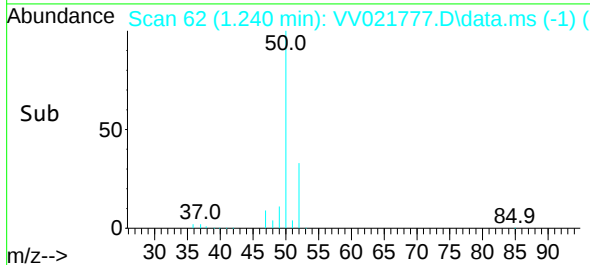
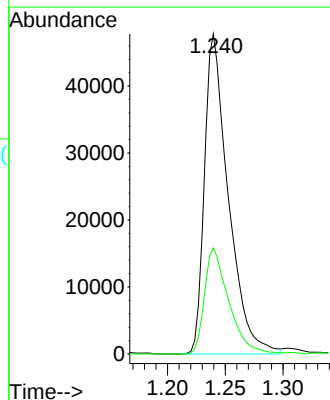
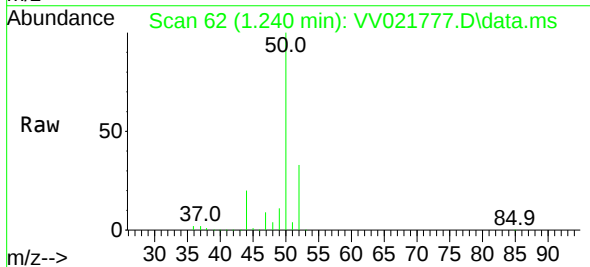
Instrument :
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 ClientSampleId :

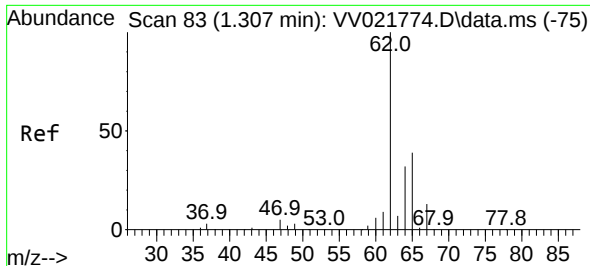
Tgt Ion: 85 Resp: 82901
 Ion Ratio Lower Upper
 85 100
 87 33.2 25.5 38.3



#3
 Chloromethane
 Concen: 5.378 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV021777.D
 Acq: 12 Aug 2021 15:52

Tgt Ion: 50 Resp: 68741
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.7 42.3

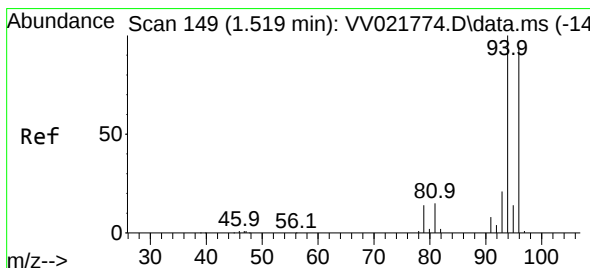
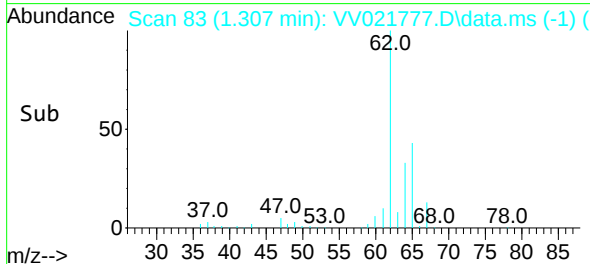
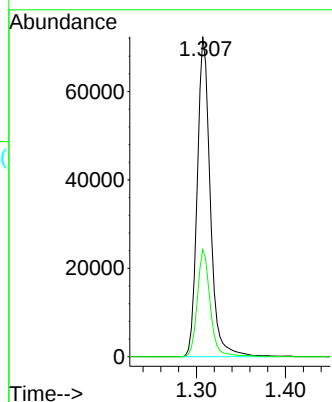
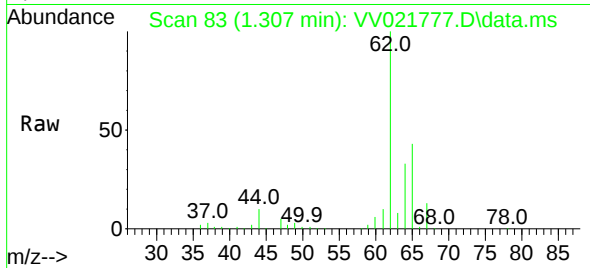




#5
 Vinyl chloride
 Concen: 5.499 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV021777.D
 Acq: 12 Aug 2021 15:52

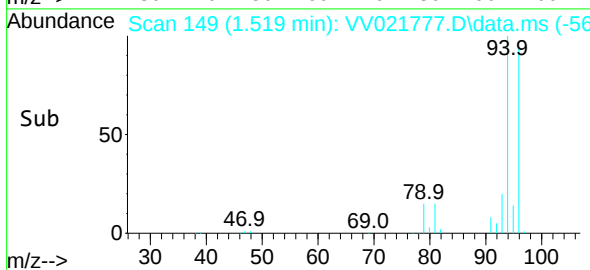
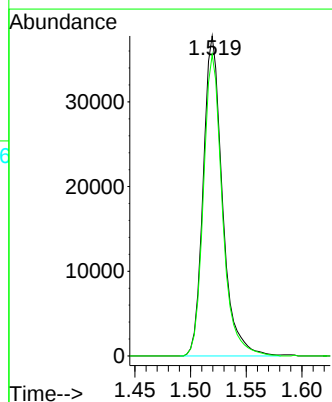
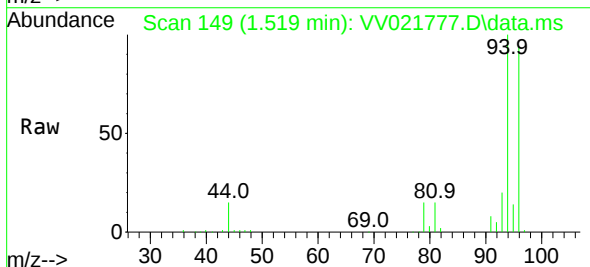
Instrument :
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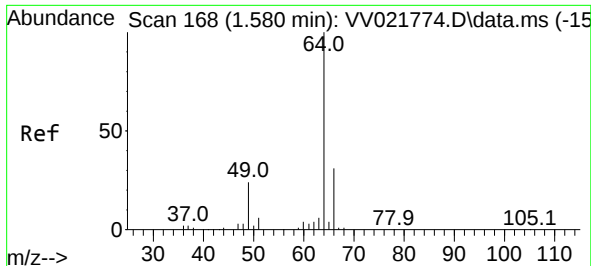
Tgt Ion: 62 Resp: 73988
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.0 42.8



#6
 Bromomethane
 Concen: 5.325 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV021777.D
 Acq: 12 Aug 2021 15:52

Tgt Ion: 94 Resp: 45237
 Ion Ratio Lower Upper
 94 100
 96 94.2 66.2 123.0

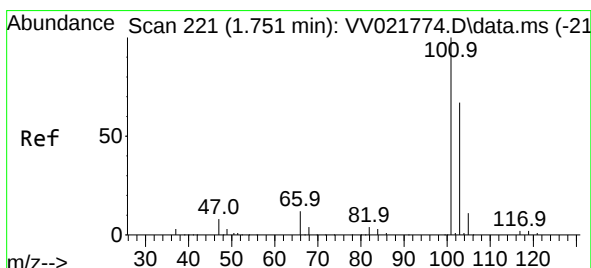
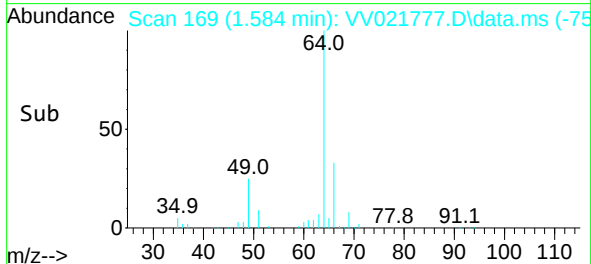
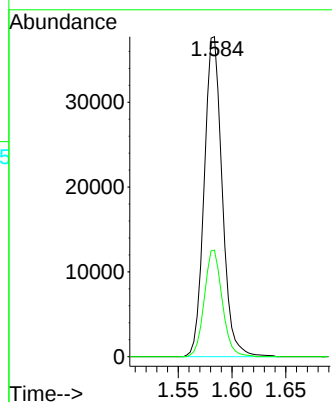
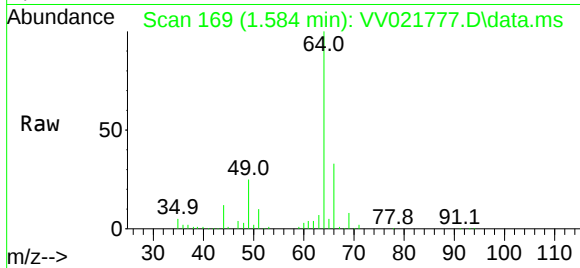




#8
Chloroethane
Concen: 5.185 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.003 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

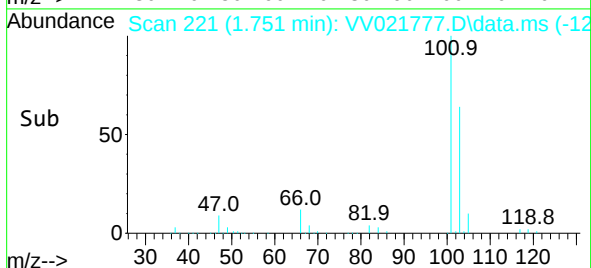
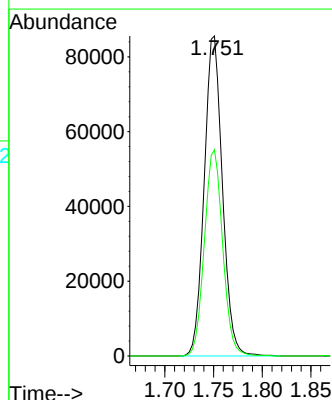
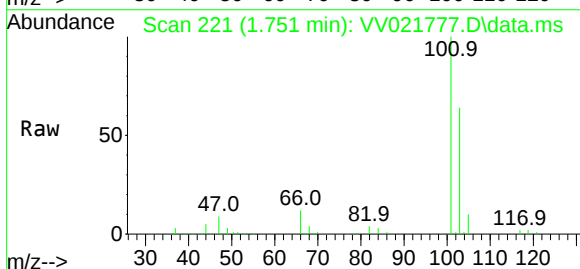
Instrument :
MSVOA_V
ClientSampled :

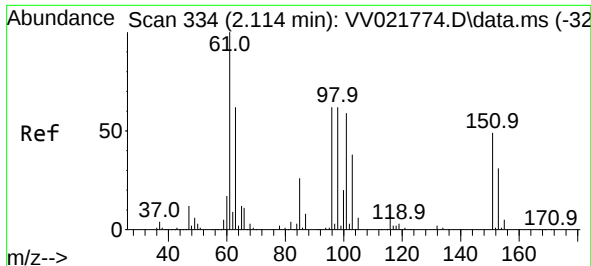
Tgt Ion: 64 Resp: 43819
Ion Ratio Lower Upper
64 100
66 33.3 23.5 43.7



#9
Trichlorofluoromethane
Concen: 5.633 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

Tgt Ion: 101 Resp: 111366
Ion Ratio Lower Upper
101 100
103 64.8 51.0 76.6





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.378 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV021777.D

Acq: 12 Aug 2021 15:52

Tgt Ion:101 Resp: 57241

Ion Ratio Lower Upper

101 100

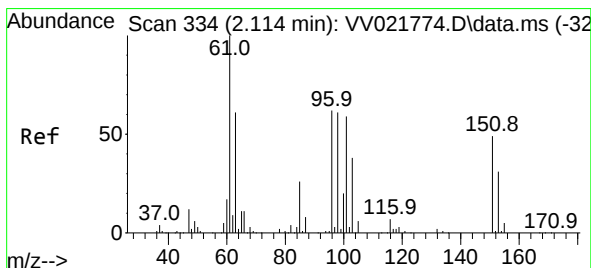
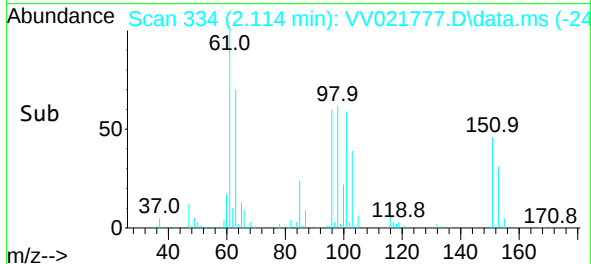
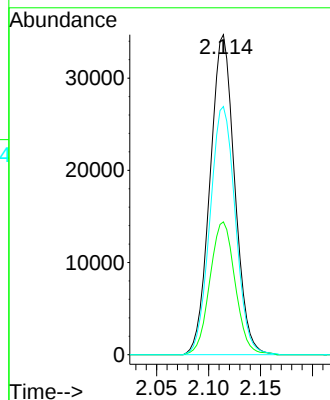
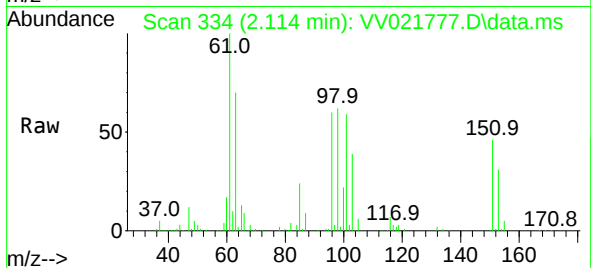
85 42.6 34.3 51.5

151 80.0 64.5 96.7

Instrument :

MSVOA_V

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 5.366 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV021777.D

Acq: 12 Aug 2021 15:52

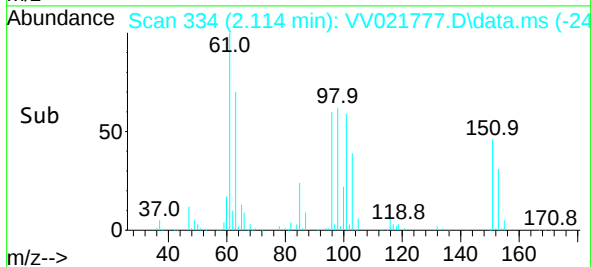
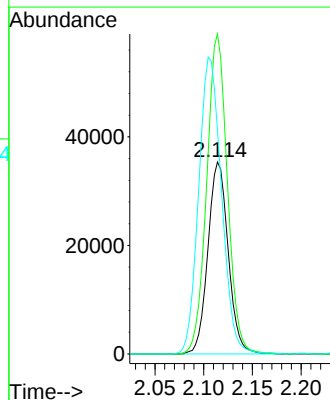
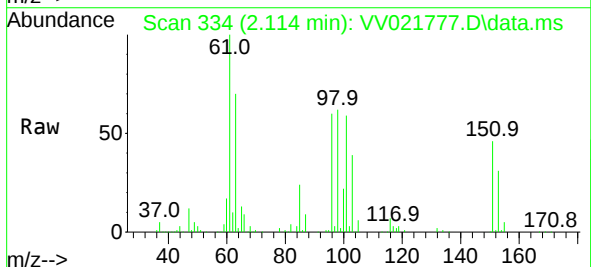
Tgt Ion: 96 Resp: 51254

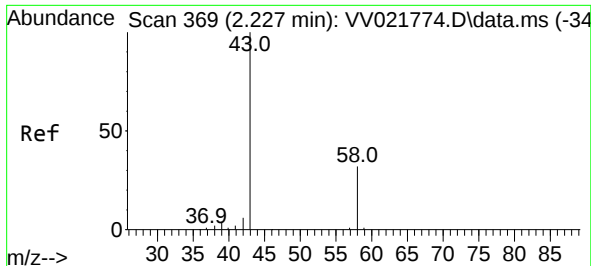
Ion Ratio Lower Upper

96 100

61 166.6 113.3 210.3

63 116.5 84.1 156.1

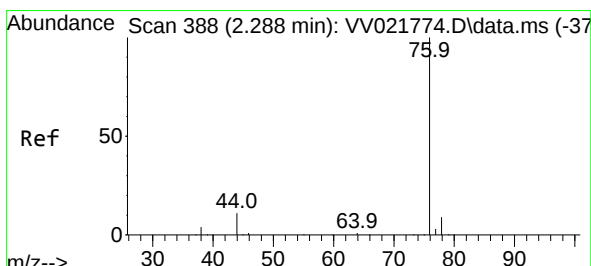
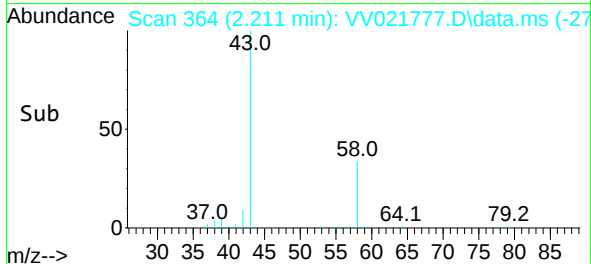
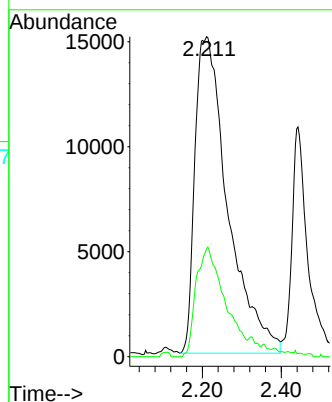
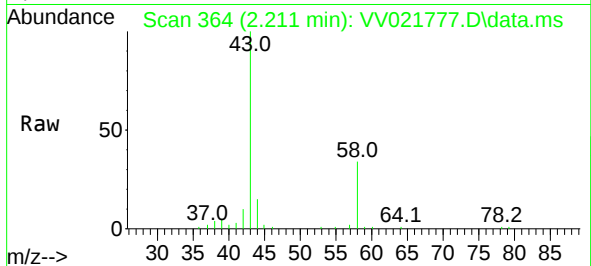




#13
Acetone
Concen: 43.672 ug/L
RT: 2.211 min Scan# 364
Delta R.T. -0.016 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

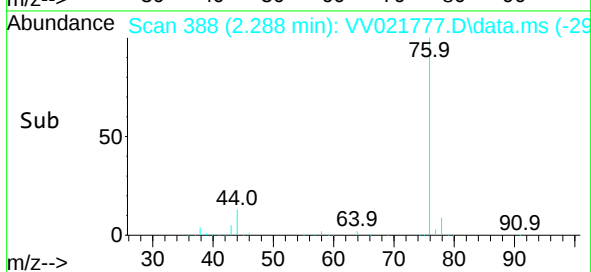
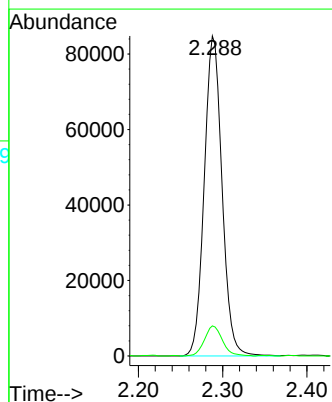
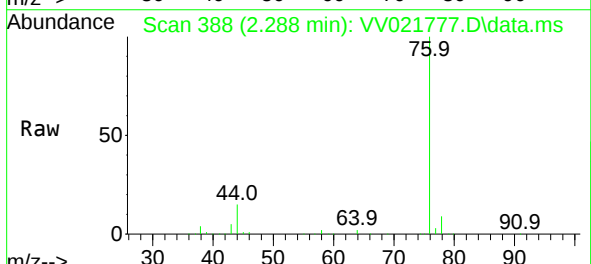
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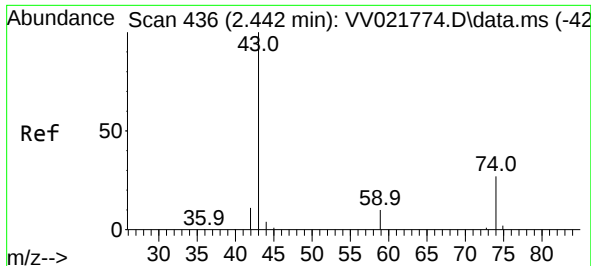
Tgt Ion: 43 Resp: 87266
Ion Ratio Lower Upper
43 100
58 30.1 0.0 64.2



#14
Carbon disulfide
Concen: 4.465 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 124738
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

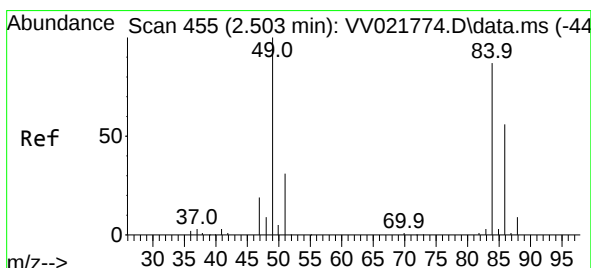
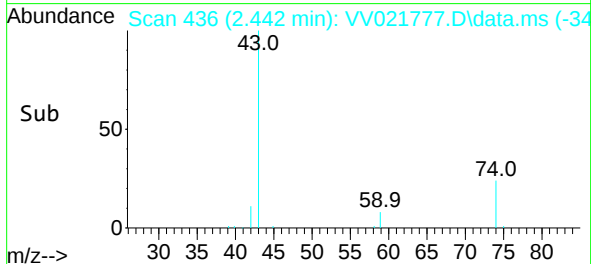
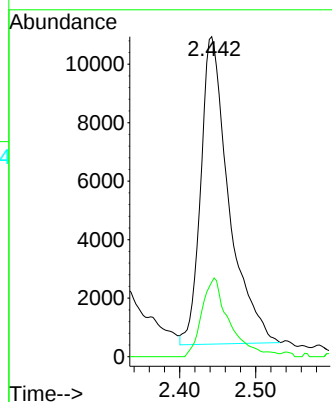
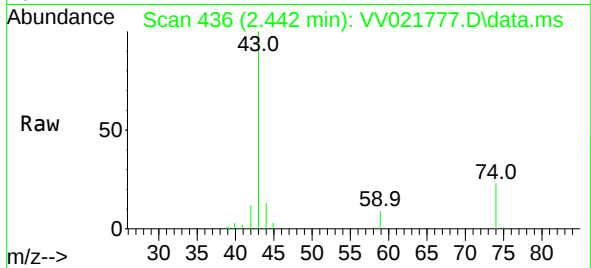




#15
Methyl Acetate
Concen: 4.703 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

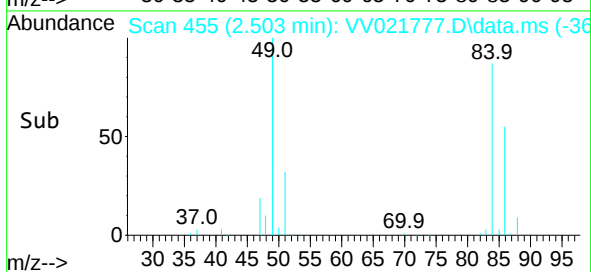
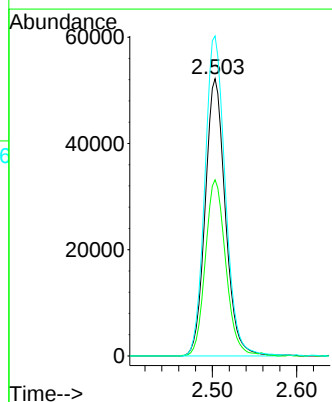
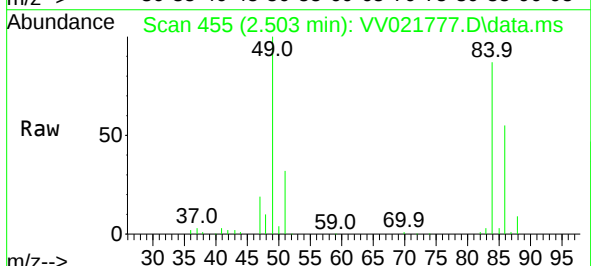
Instrument :
MSVOA_V
ClientSampled :

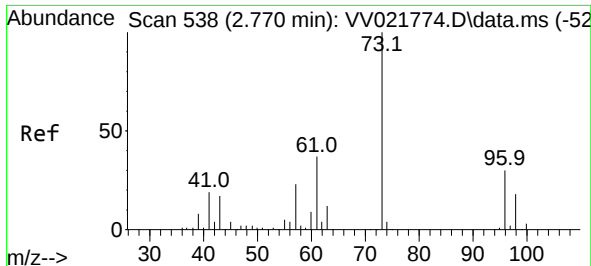
Tgt Ion: 43 Resp: 27006
Ion Ratio Lower Upper
43 100
74 25.1 19.4 29.2



#16
Methylene chloride
Concen: 5.045 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

Tgt Ion: 84 Resp: 87056
Ion Ratio Lower Upper
84 100
86 63.5 44.7 83.1
49 115.4 80.2 149.0

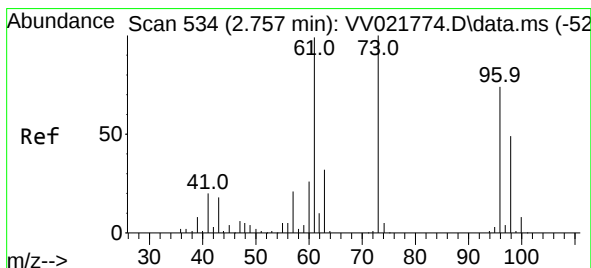
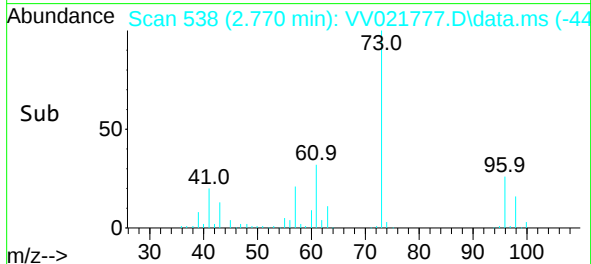
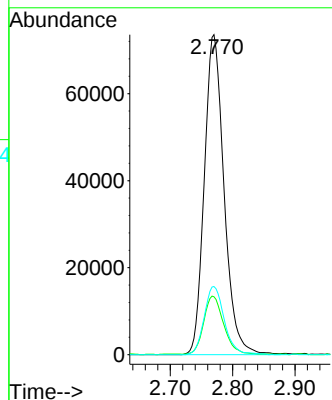
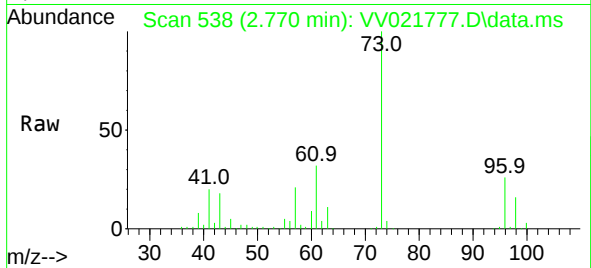




#17
Methyl tert-butyl Ether
Concen: 5.402 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

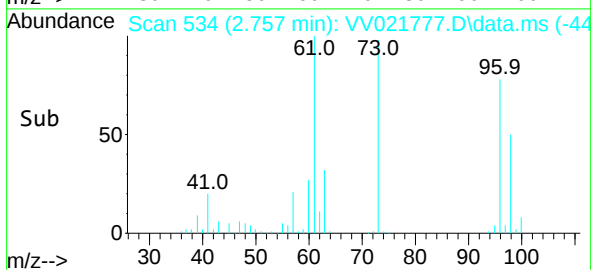
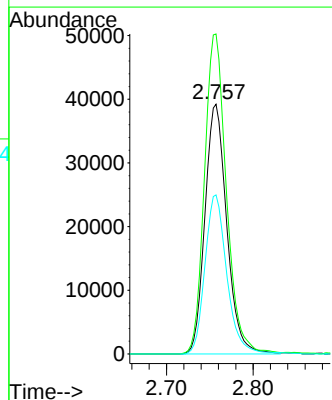
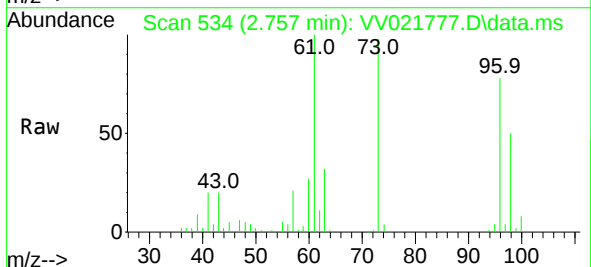
Instrument :
MSVOA_V
ClientSampled :

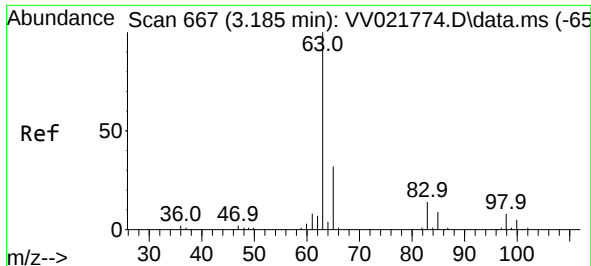
Tgt Ion: 73 Resp: 162220
Ion Ratio Lower Upper
73 100
43 18.2 14.6 22.0
57 21.7 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.585 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

Tgt Ion: 96 Resp: 68742
Ion Ratio Lower Upper
96 100
61 128.1 92.9 172.5
98 63.7 46.2 85.8





#19

1,1-Dichloroethane

Concen: 5.535 ug/L

RT: 3.185 min Scan# 667

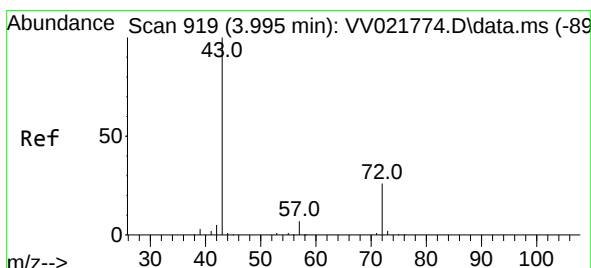
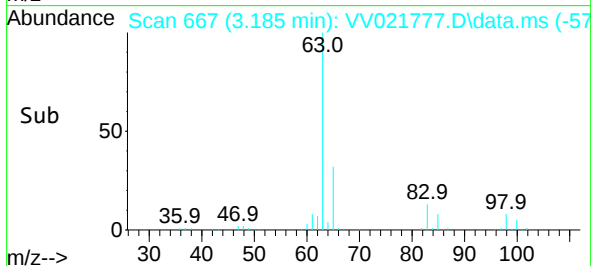
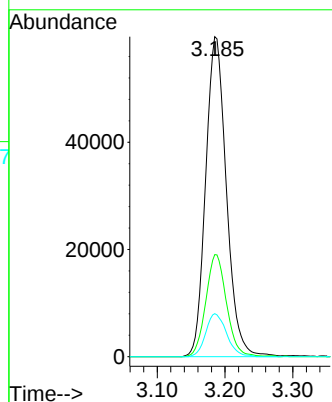
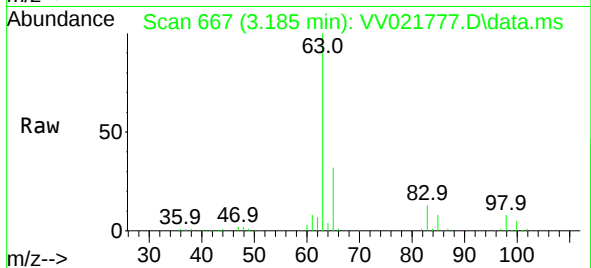
Delta R.T. -0.000 min

Lab File: VV021777.D

Acq: 12 Aug 2021 15:52

Tgt Ion:	63	Resp:	127164
Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.5	41.7
83	13.4	9.2	17.0

Instrument :
MSVOA_V
ClientSampled :



#21

2-Butanone

Concen: 52.774 ug/L

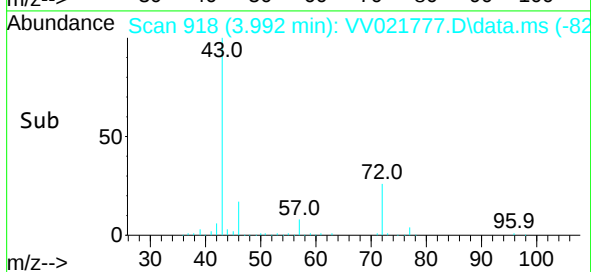
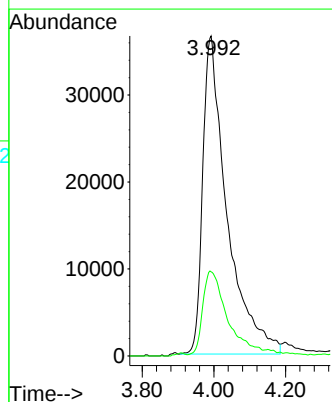
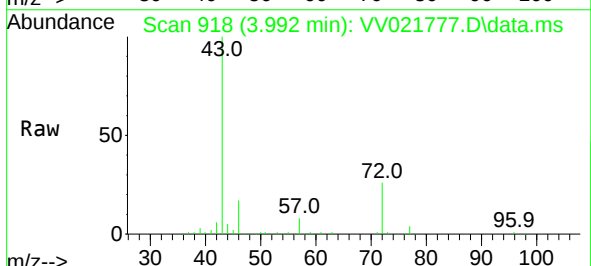
RT: 3.992 min Scan# 918

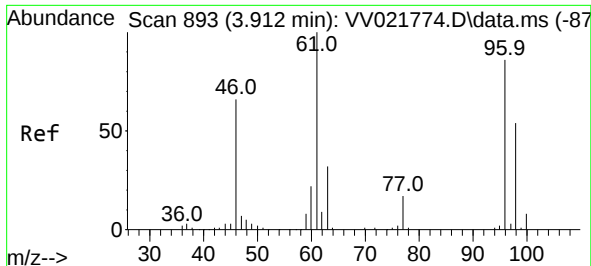
Delta R.T. -0.003 min

Lab File: VV021777.D

Acq: 12 Aug 2021 15:52

Tgt Ion:	43	Resp:	172080
Ion	Ratio	Lower	Upper
43	100		
72	26.3	13.1	39.1

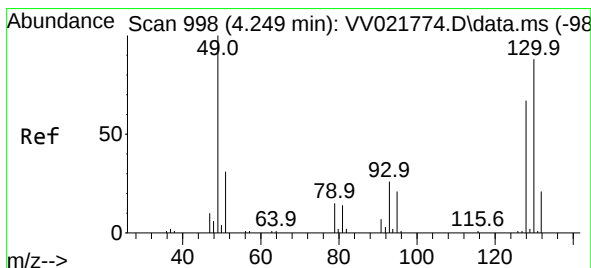
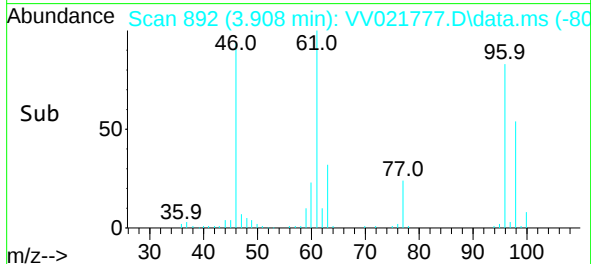
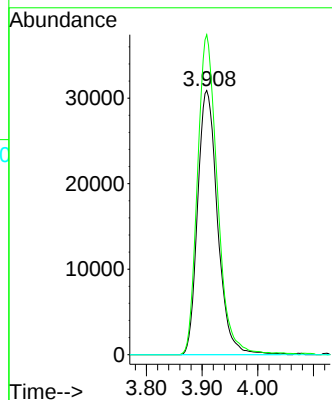
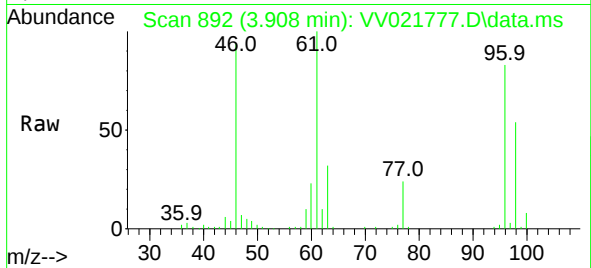




#22
cis-1,2-Dichloroethene
Concen: 5.526 ug/L
RT: 3.908 min Scan# 892
Delta R.T. -0.003 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

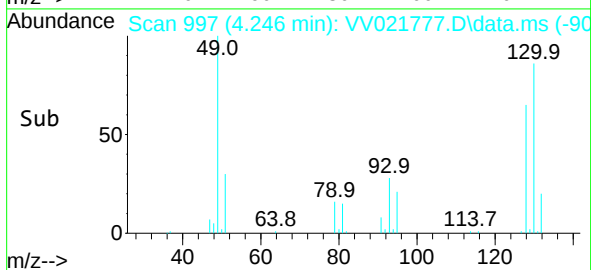
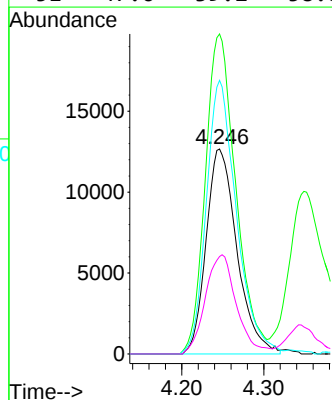
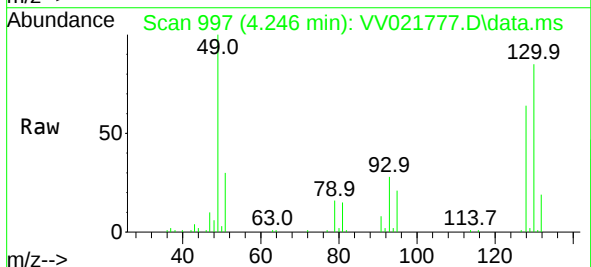
Instrument :
MSVOA_V
ClientSampled :

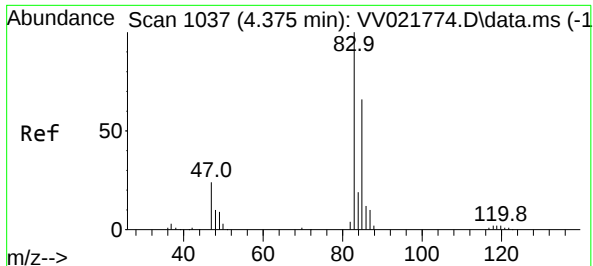
Tgt Ion: 96 Resp: 76759
Ion Ratio Lower Upper
96 100
61 121.2 84.5 156.9
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.289 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.003 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

Tgt Ion: 128 Resp: 33059
Ion Ratio Lower Upper
128 100
49 156.1 106.0 196.9
130 133.5 92.0 170.8
51 47.6 39.2 58.8



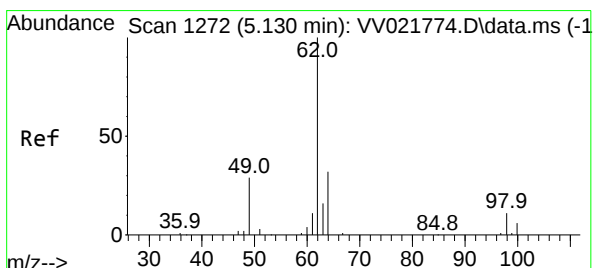
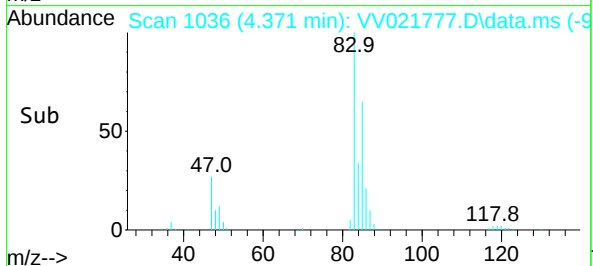
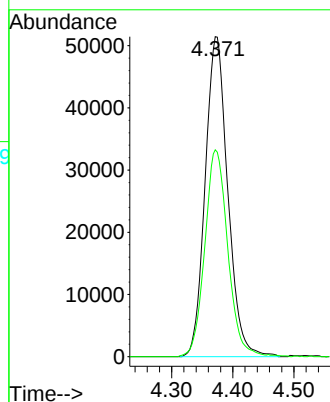
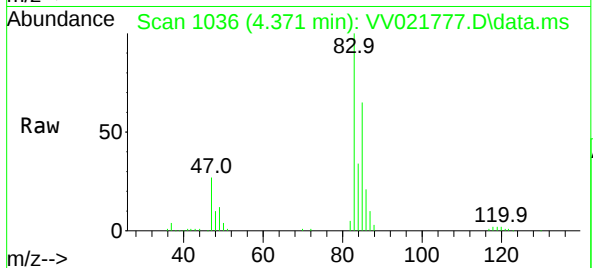


#25

Chloroform
Concen: 5.388 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

Instrument :
MSVOA_V
ClientSampled :

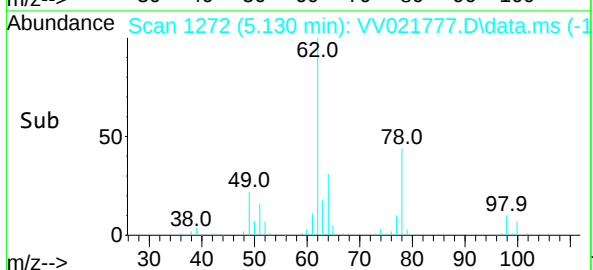
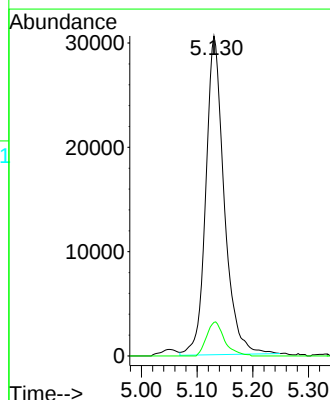
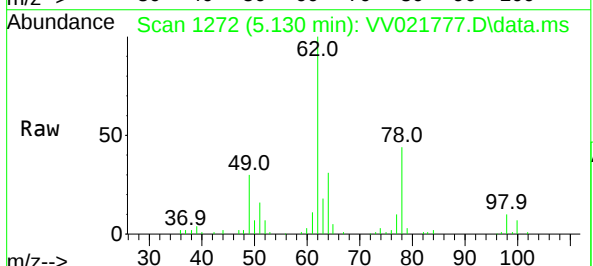
Tgt Ion: 83 Resp: 132083
Ion Ratio Lower Upper
83 100
85 64.6 44.2 82.2

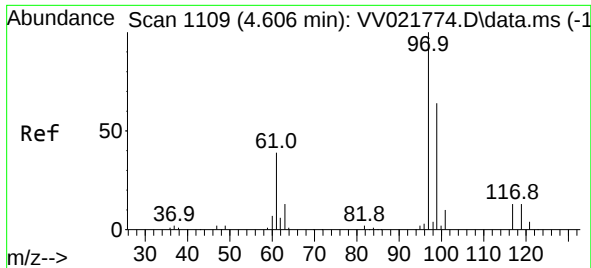


#27

1,2-Dichloroethane
Concen: 5.359 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

Tgt Ion: 62 Resp: 70068
Ion Ratio Lower Upper
62 100
98 10.5 9.0 13.6

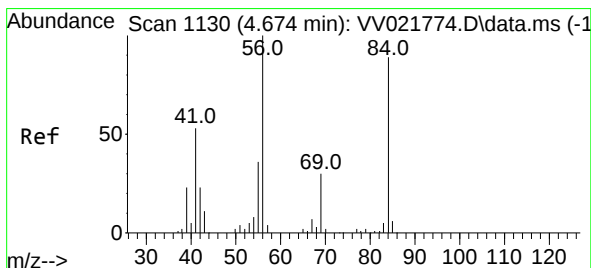
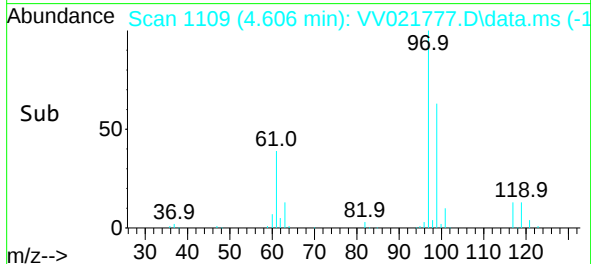
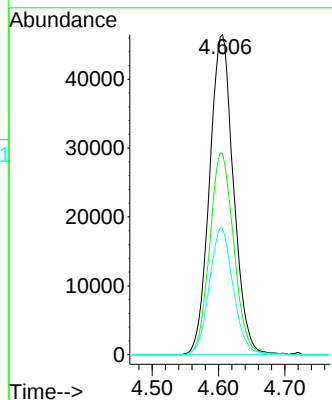
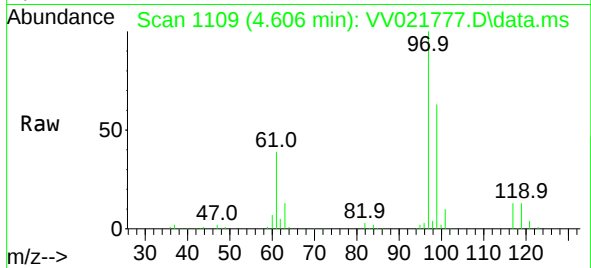




#29
1,1,1-Trichloroethane
Concen: 5.622 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

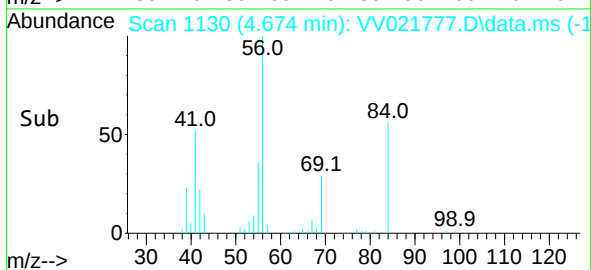
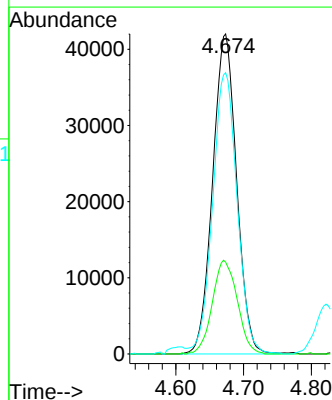
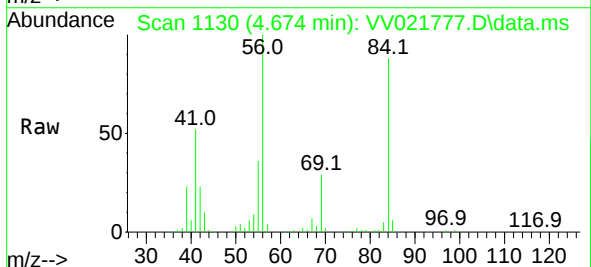
Instrument :
MSVOA_V
ClientSampleId :

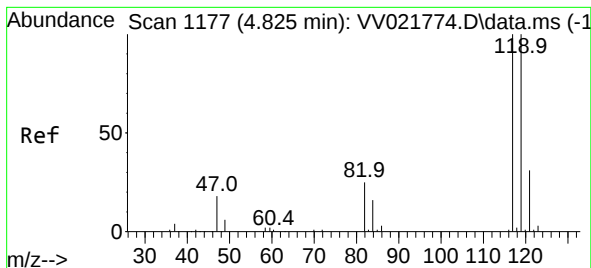
Tgt Ion: 97 Resp: 116494
Ion Ratio Lower Upper
97 100
99 63.5 52.0 78.0
61 39.6 32.6 48.8



#30
Cyclohexane
Concen: 5.543 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

Tgt Ion: 56 Resp: 103145
Ion Ratio Lower Upper
56 100
69 30.5 24.2 36.2
84 90.2 72.7 109.1

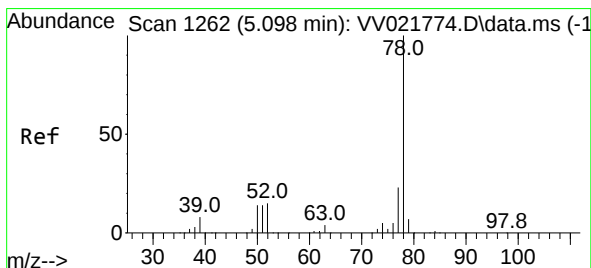
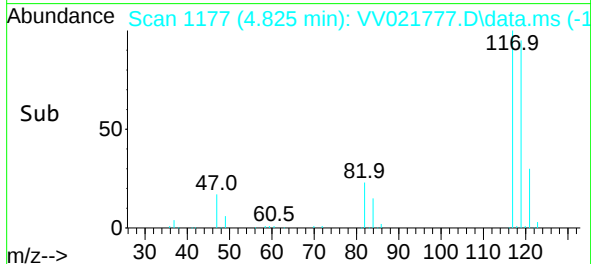
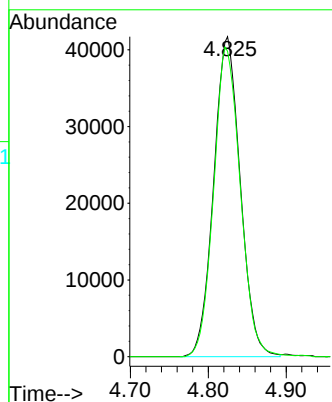
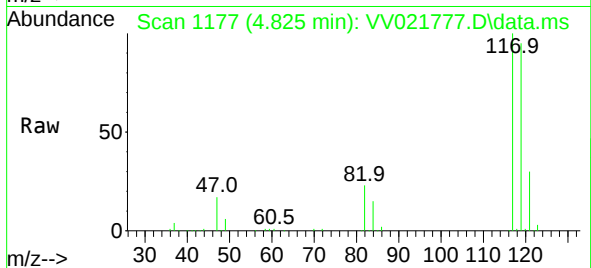




#31
Carbon tetrachloride
Concen: 5.544 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

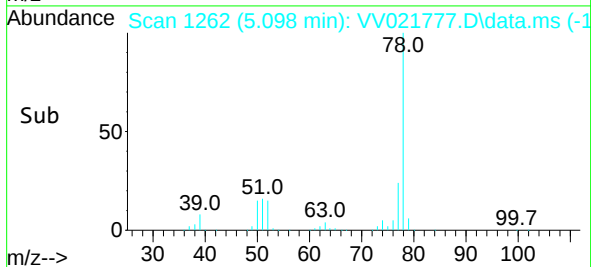
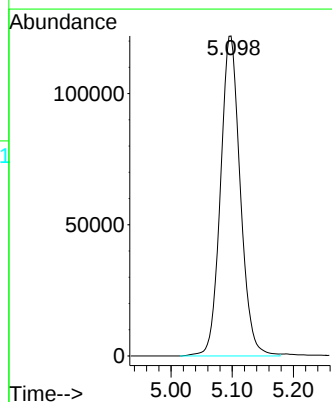
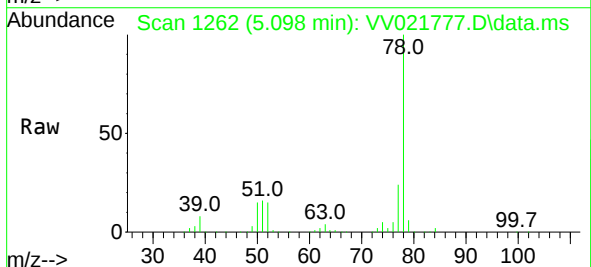
Instrument :
MSVOA_V
ClientSampled :

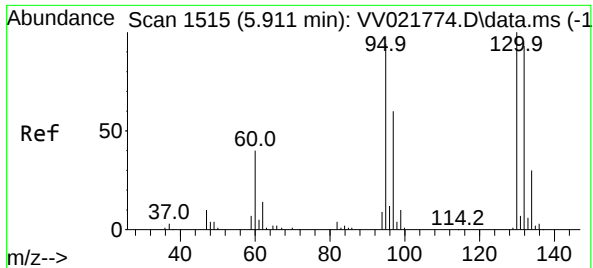
Tgt Ion:117 Resp: 98980
Ion Ratio Lower Upper
117 100
119 97.1 77.3 115.9



#33
Benzene
Concen: 5.518 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

Tgt Ion: 78 Resp: 274141



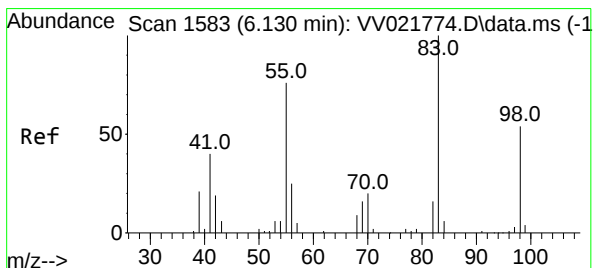
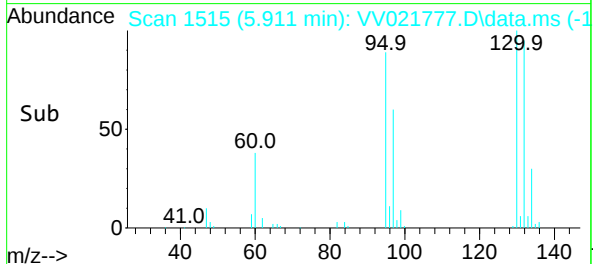
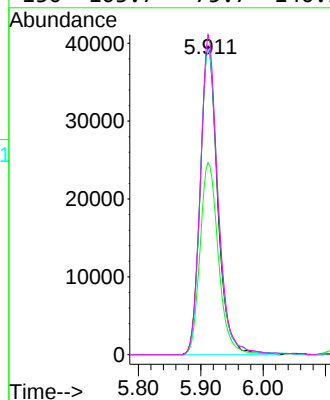
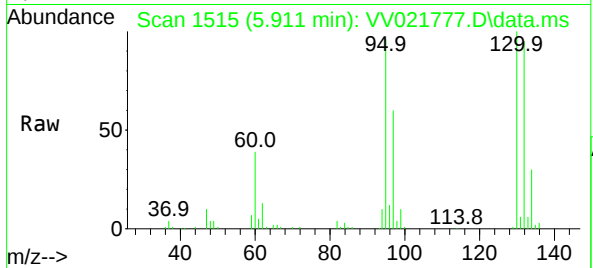


#34
Trichloroethene
Concen: 5.536 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 77354

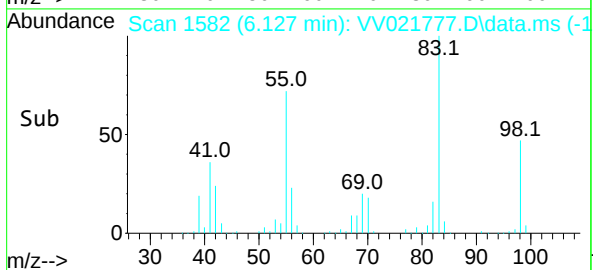
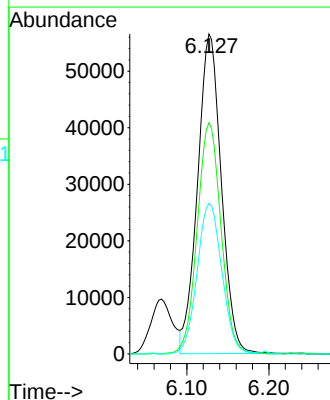
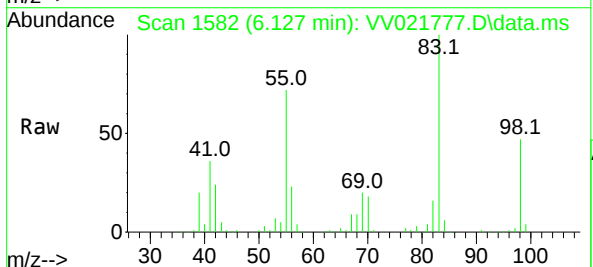
Ion	Ratio	Lower	Upper
95	100		
97	62.2	46.1	85.5
132	99.0	71.4	132.6
130	103.7	75.7	140.5

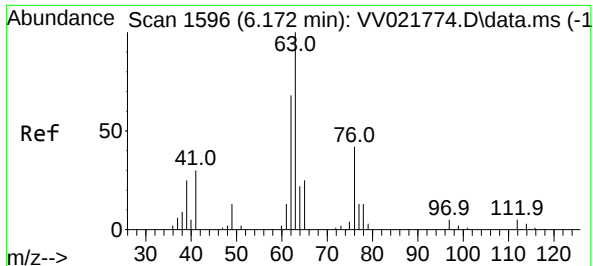


#35
Methylcyclohexane
Concen: 5.637 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

Tgt Ion: 83 Resp: 113570

Ion	Ratio	Lower	Upper
83	100		
55	72.4	57.8	86.6
98	49.3	38.5	57.7

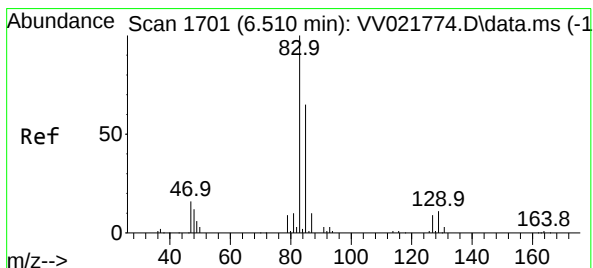
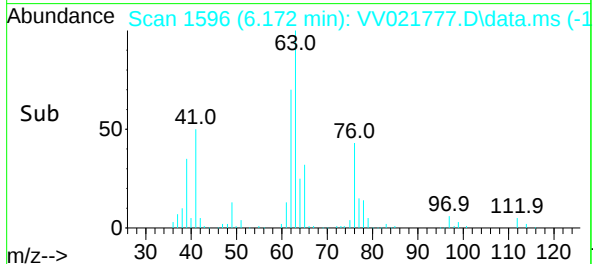
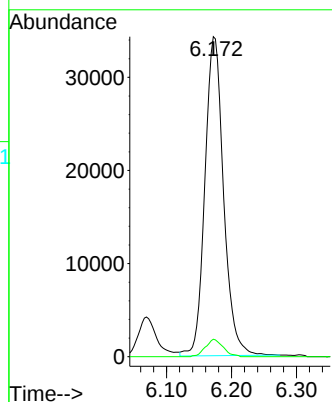
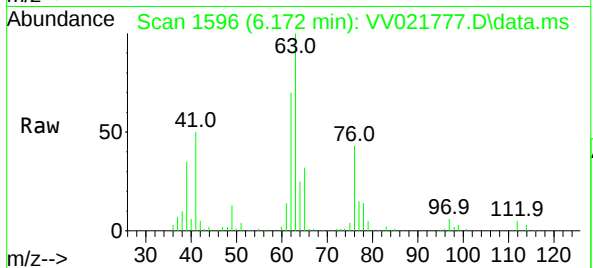




#37
1,2-Dichloropropane
Concen: 5.449 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

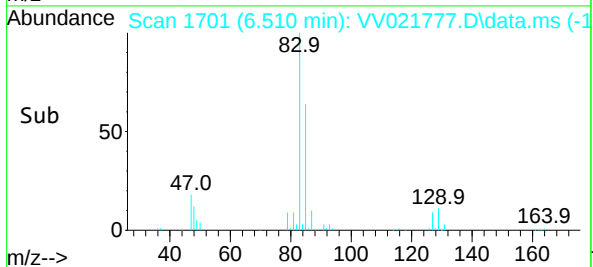
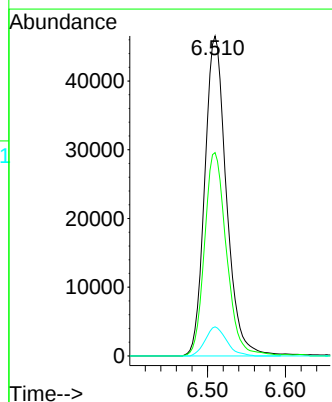
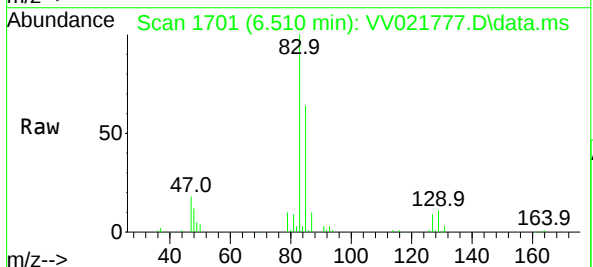
Instrument :
MSVOA_V
ClientSampleId :

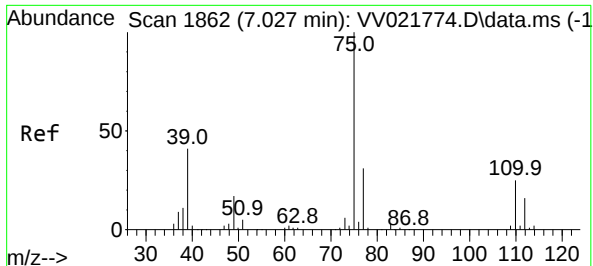
Tgt Ion: 63 Resp: 68772
Ion Ratio Lower Upper
63 100
112 5.2 4.0 6.0



#38
Bromodichloromethane
Concen: 5.508 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

Tgt Ion: 83 Resp: 89704
Ion Ratio Lower Upper
83 100
85 63.6 43.5 80.7
127 9.1 6.9 10.3

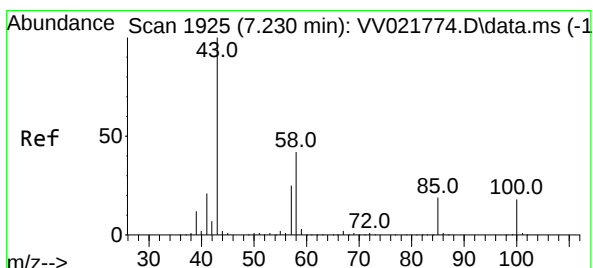
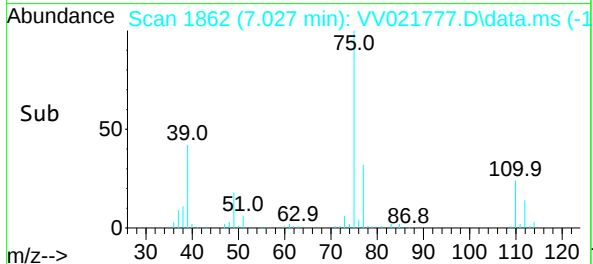
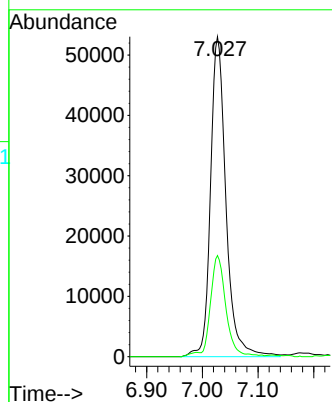
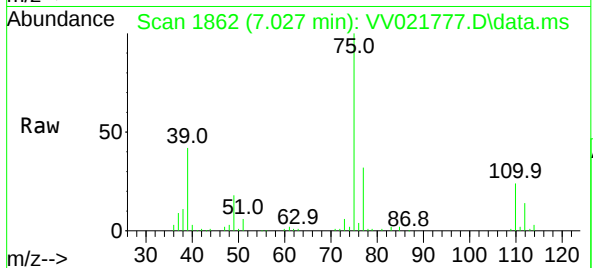




#39
 cis-1,3-Dichloropropene
 Concen: 5.609 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. -0.000 min
 Lab File: VV021777.D
 Acq: 12 Aug 2021 15:52

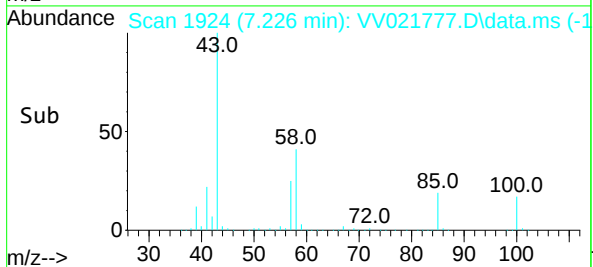
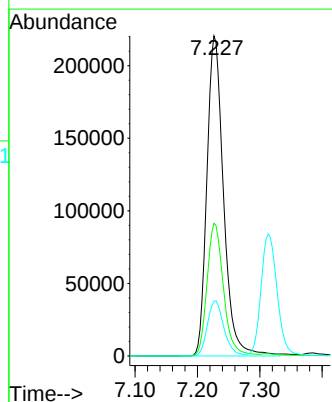
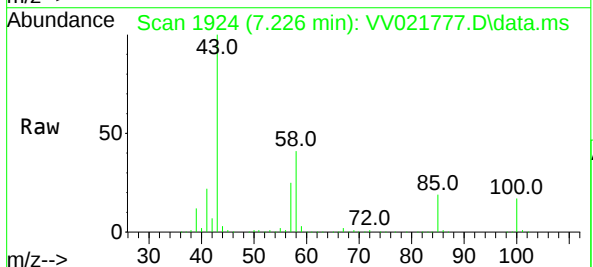
Instrument :
 MSVOA_V
 ClientSampled :

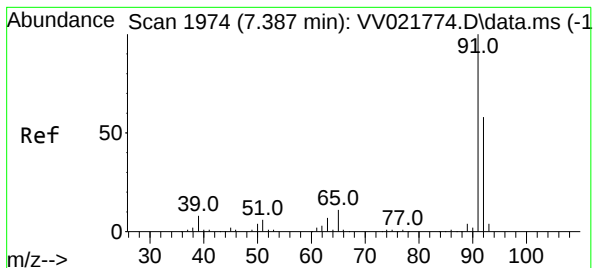
Tgt Ion: 75 Resp: 102279
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 52.825 ug/L
 RT: 7.226 min Scan# 1924
 Delta R.T. -0.003 min
 Lab File: VV021777.D
 Acq: 12 Aug 2021 15:52

Tgt Ion: 43 Resp: 409662
 Ion Ratio Lower Upper
 43 100
 58 40.9 32.9 49.3
 100 17.0 13.5 20.3





#42

Toluene

Concen: 5.570 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV021777.D

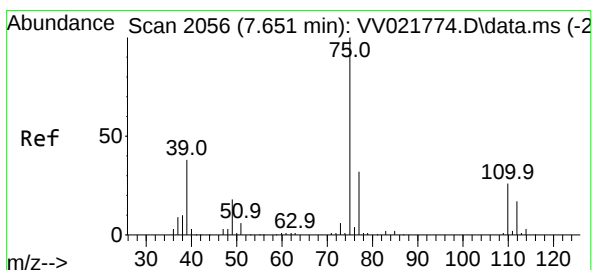
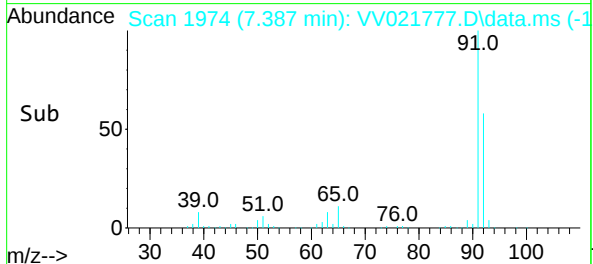
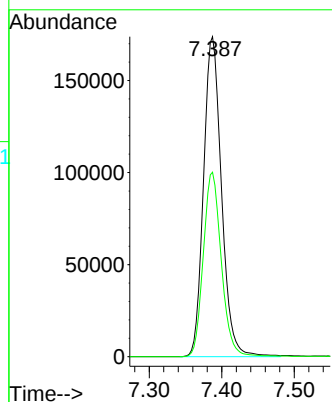
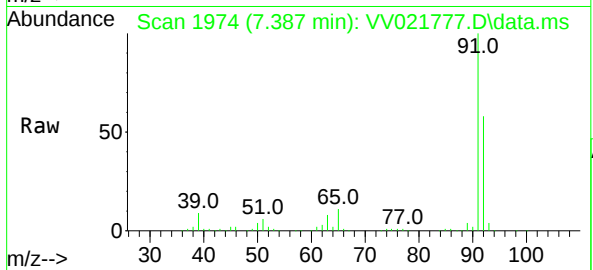
Acq: 12 Aug 2021 15:52

Tgt Ion: 91 Resp: 299593

Ion Ratio Lower Upper

91 100

92 57.6 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.552 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV021777.D

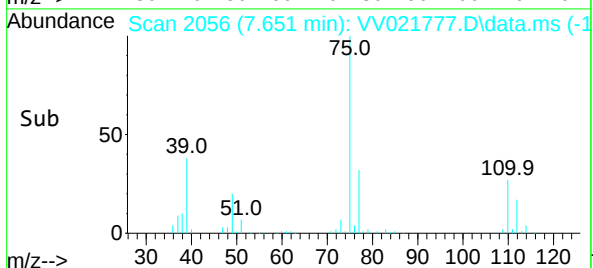
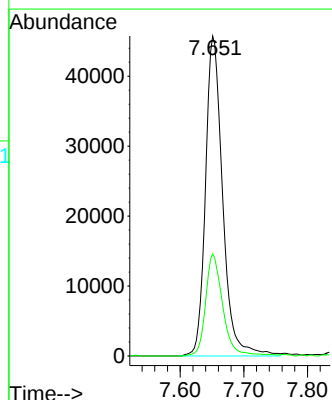
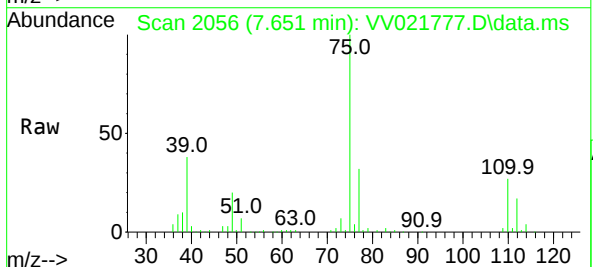
Acq: 12 Aug 2021 15:52

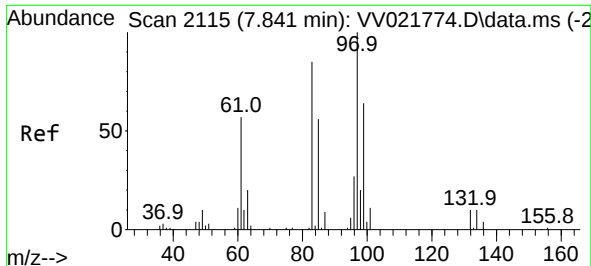
Tgt Ion: 75 Resp: 85845

Ion Ratio Lower Upper

75 100

77 31.9 23.3 43.3





#45

1,1,2-Trichloroethane

Concen: 5.327 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.000 min

Lab File: VV021777.D

Acq: 12 Aug 2021 15:52

Tgt Ion: 97 Resp: 50286

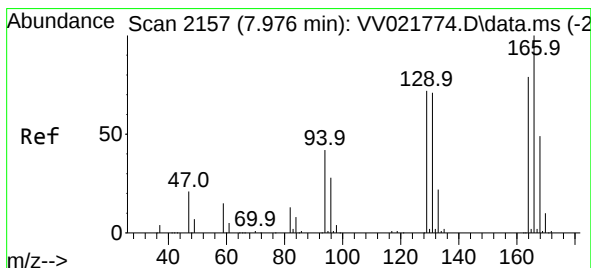
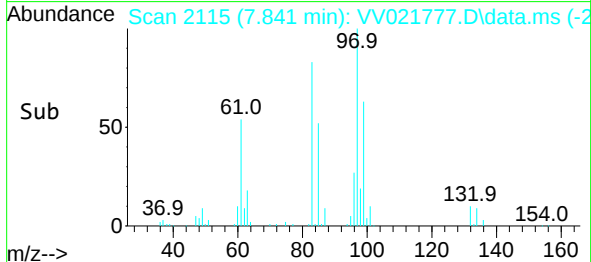
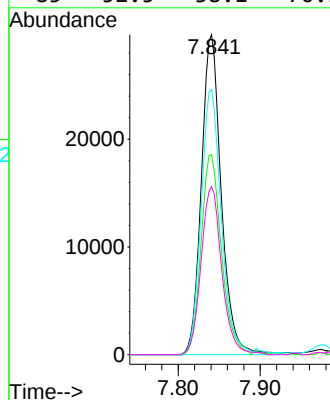
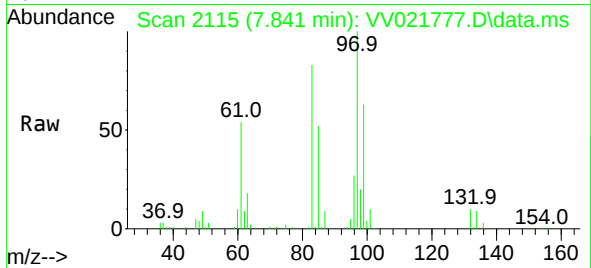
Ion Ratio Lower Upper

97 100

99 62.6 43.8 81.3

83 82.8 60.8 113.0

85 52.5 38.1 70.9



#47

Tetrachloroethene

Concen: 5.547 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV021777.D

Acq: 12 Aug 2021 15:52

Tgt Ion: 164 Resp: 60194

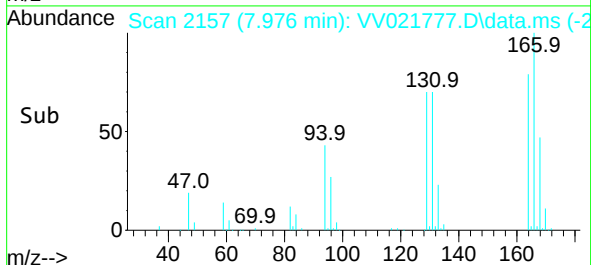
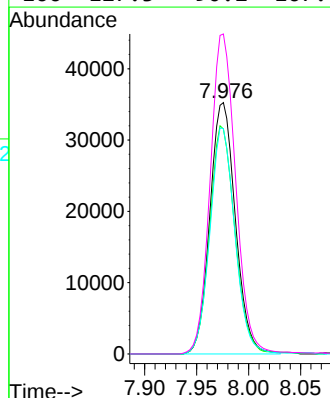
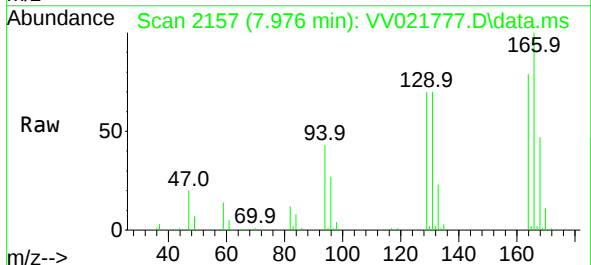
Ion Ratio Lower Upper

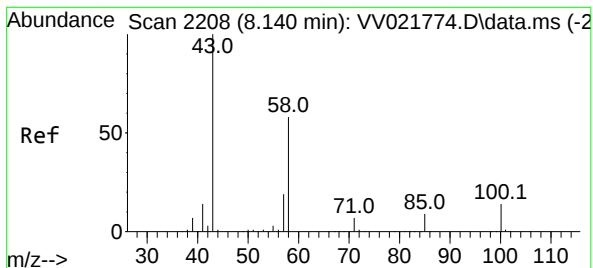
164 100

129 89.5 65.4 121.4

131 89.6 64.3 119.3

166 127.3 90.2 167.4





#48

2-Hexanone

Concen: 53.882 ug/L

RT: 8.140 min Scan# 2208

Delta R.T. -0.000 min

Lab File: VV021777.D

Acq: 12 Aug 2021 15:52

Tgt Ion: 43 Resp: 288012

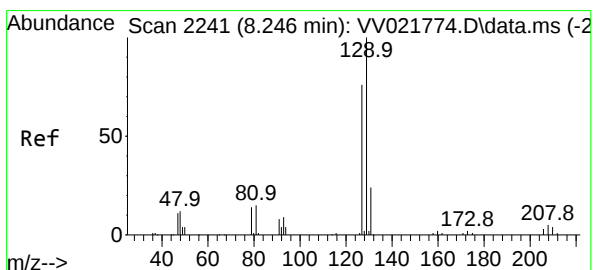
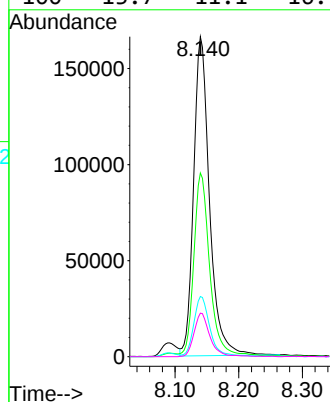
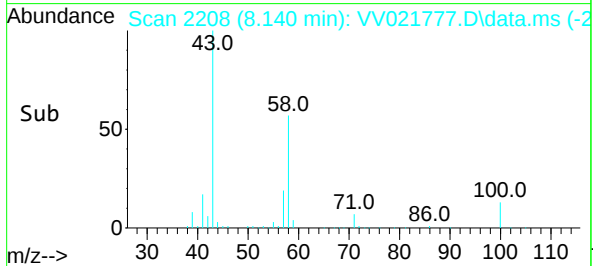
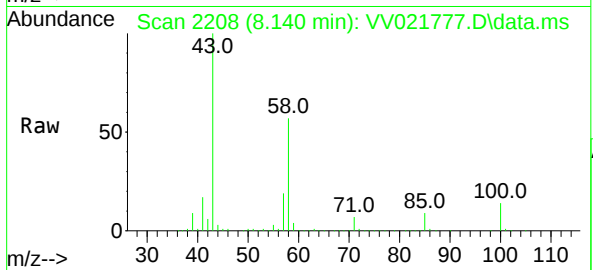
Ion Ratio Lower Upper

43 100

58 56.8 48.3 72.5

57 18.9 15.4 23.2

100 13.7 11.1 16.7



#49

Dibromochloromethane

Concen: 5.561 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VV021777.D

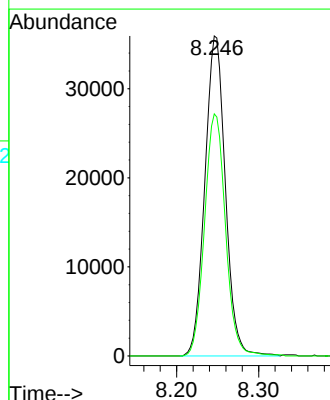
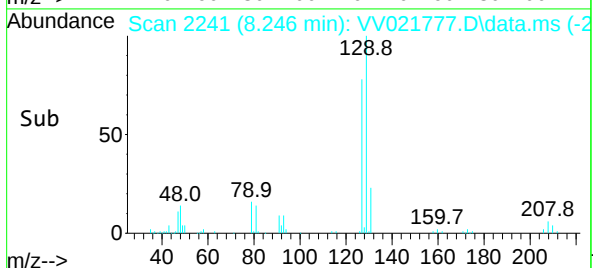
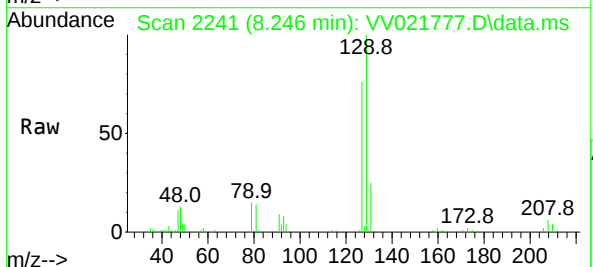
Acq: 12 Aug 2021 15:52

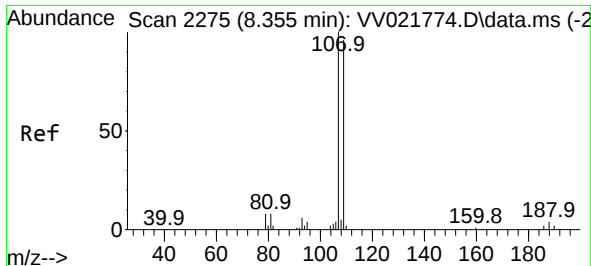
Tgt Ion: 129 Resp: 62345

Ion Ratio Lower Upper

129 100

127 75.6 53.9 100.1





#50

1,2-Dibromoethane

Concen: 5.369 ug/L

RT: 8.352 min Scan# 2274

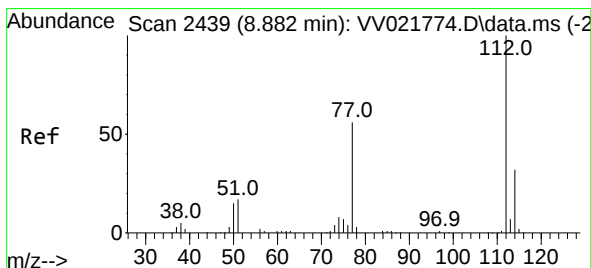
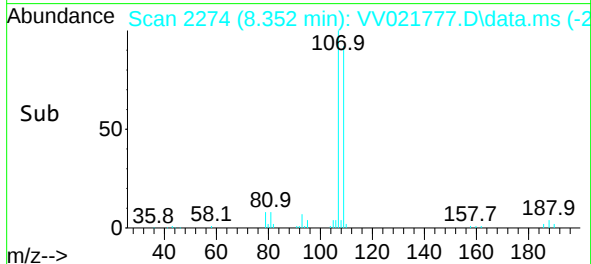
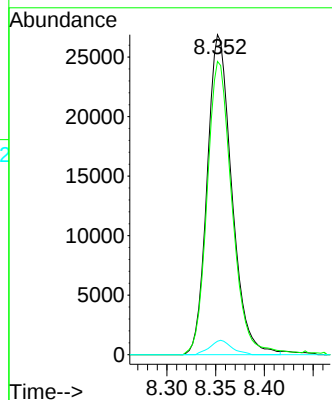
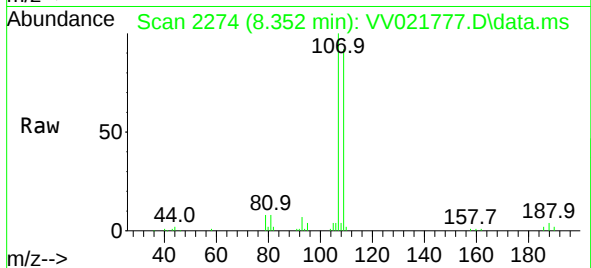
Delta R.T. -0.003 min

Lab File: VV021777.D

Acq: 12 Aug 2021 15:52

Tgt Ion:	107	Resp:	47244
Ion	Ratio	Lower	Upper
107	100		
109	91.6	66.1	122.7
188	4.2	2.9	4.3

Instrument :
MSVOA_V
ClientSampleId :



#51

Chlorobenzene

Concen: 5.484 ug/L

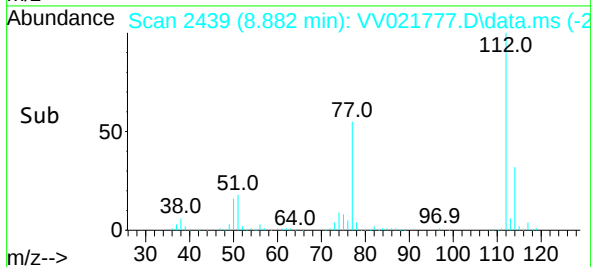
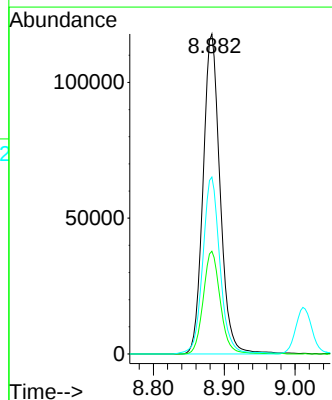
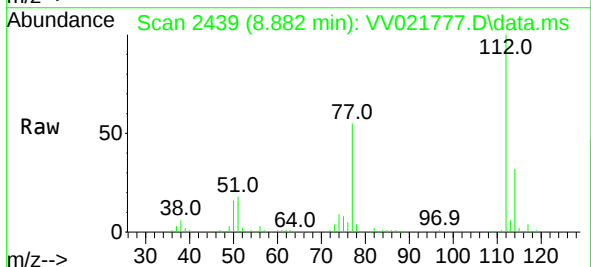
RT: 8.882 min Scan# 2439

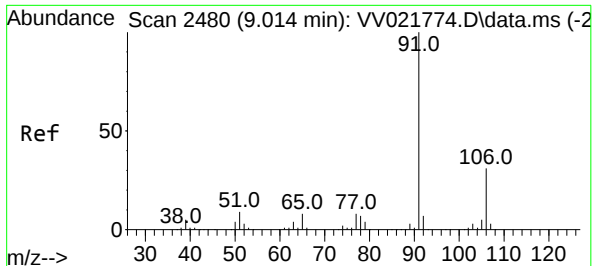
Delta R.T. -0.000 min

Lab File: VV021777.D

Acq: 12 Aug 2021 15:52

Tgt Ion:	112	Resp:	196444
Ion	Ratio	Lower	Upper
112	100		
114	32.1	23.2	43.0
77	55.3	44.6	67.0





#52

Ethylbenzene

Concen: 5.593 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.003 min

Lab File: VV021777.D

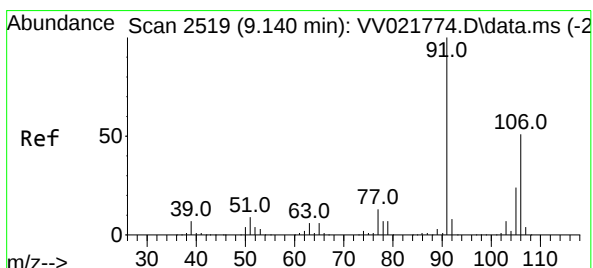
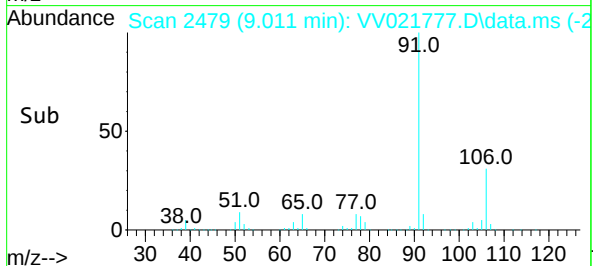
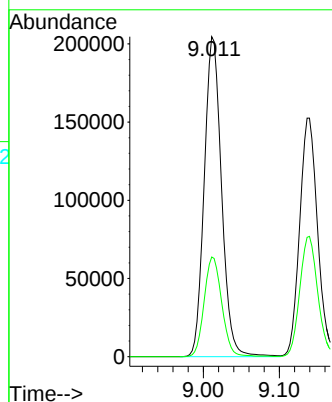
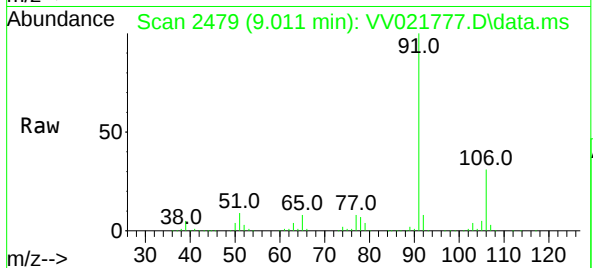
Acq: 12 Aug 2021 15:52

Tgt Ion: 91 Resp: 323945

Ion Ratio Lower Upper

91 100

106 31.2 22.0 41.0



#53

m,p-xylene

Concen: 5.574 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.000 min

Lab File: VV021777.D

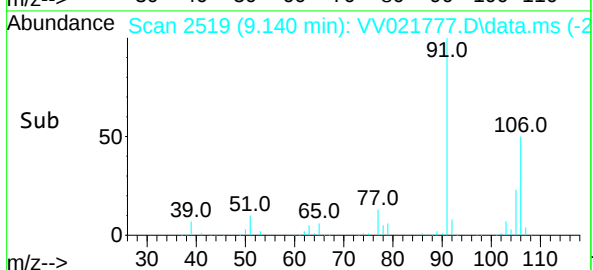
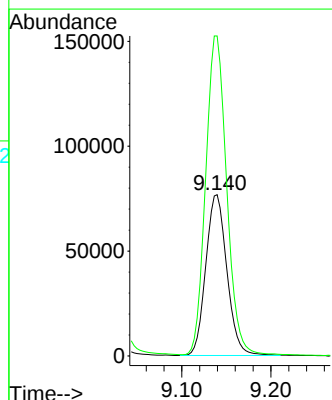
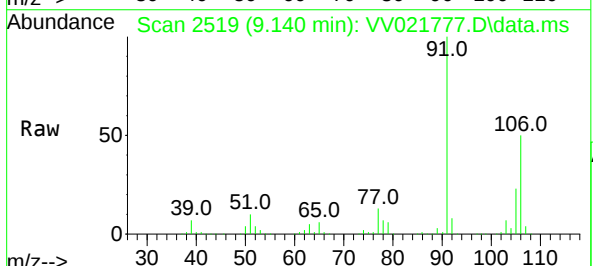
Acq: 12 Aug 2021 15:52

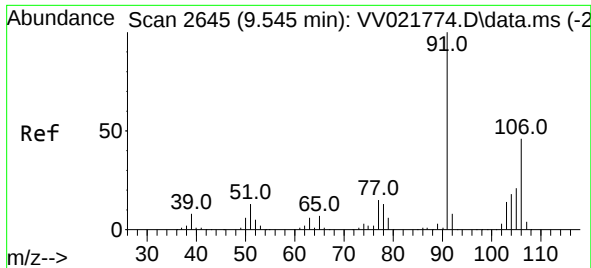
Tgt Ion: 106 Resp: 126225

Ion Ratio Lower Upper

106 100

91 198.4 140.4 260.8

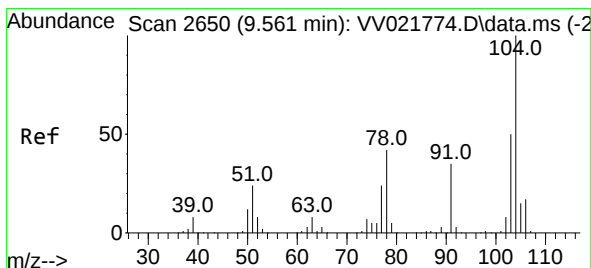
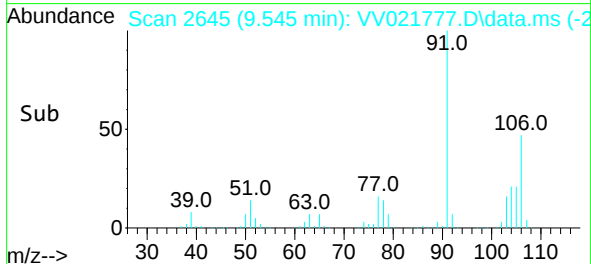
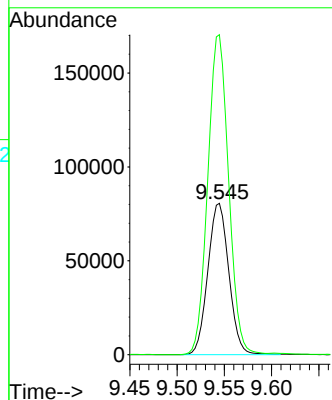
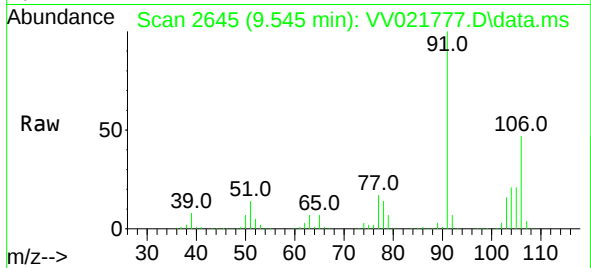




#54
o-xylene
Concen: 5.580 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

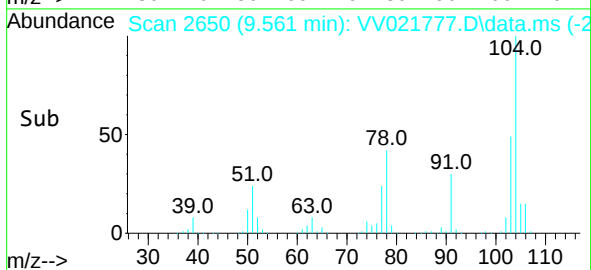
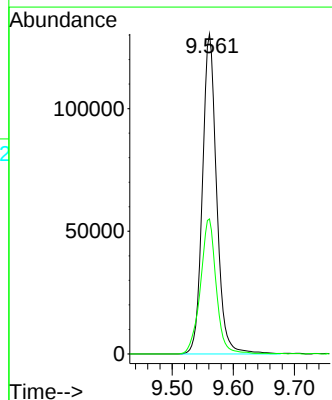
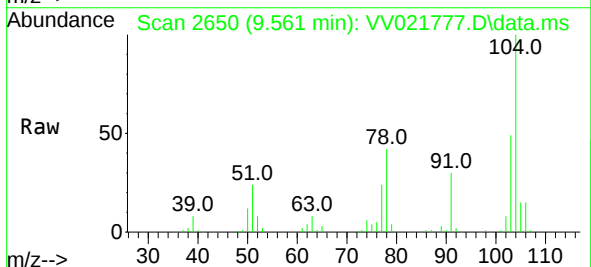
Instrument :
MSVOA_V
ClientSampled :

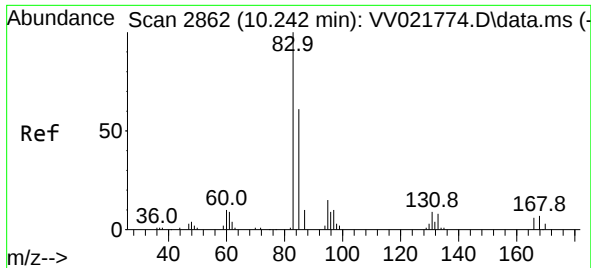
Tgt Ion:106 Resp: 124554
Ion Ratio Lower Upper
106 100
91 211.5 147.7 274.3



#55
Styrene
Concen: 5.692 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

Tgt Ion:104 Resp: 210655
Ion Ratio Lower Upper
104 100
78 42.2 29.8 55.3

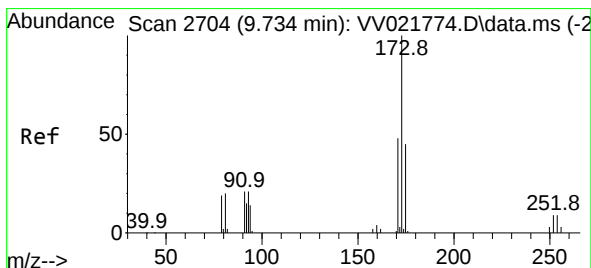
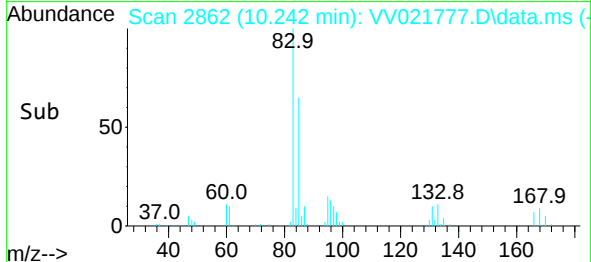
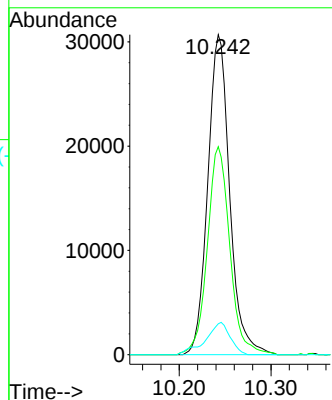
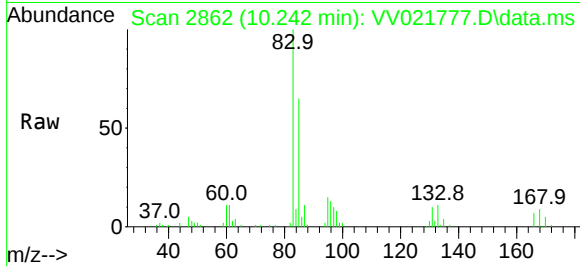




#57
1,1,2,2-Tetrachloroethane
Concen: 5.245 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

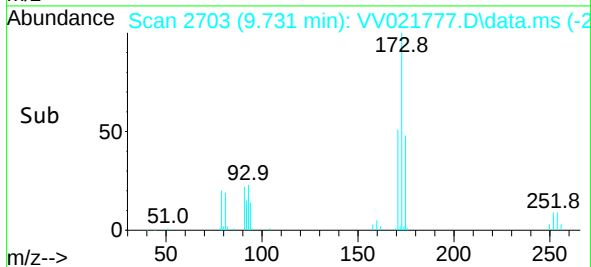
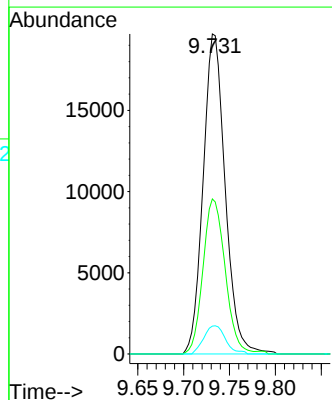
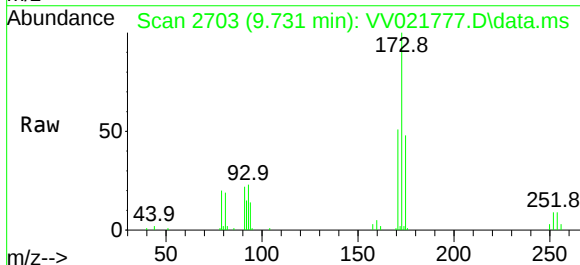
Instrument :
MSVOA_V
ClientSampled :

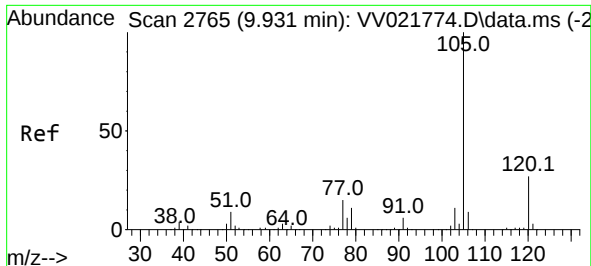
Tgt Ion:	83	Resp:	50905
Ion	Ratio	Lower	Upper
83	100		
85	65.0	44.9	83.5
131	9.6	7.7	11.5



#59
Bromoform
Concen: 5.248 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.003 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

Tgt Ion:	173	Resp:	32978
Ion	Ratio	Lower	Upper
173	100		
175	48.7	38.3	57.5
254	8.7	6.6	9.8

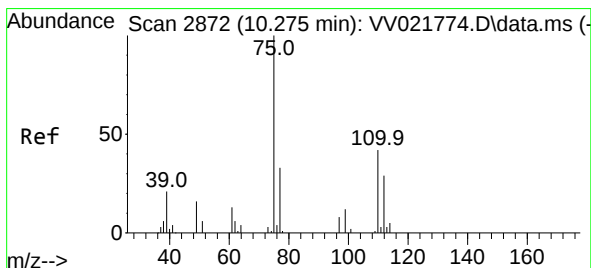
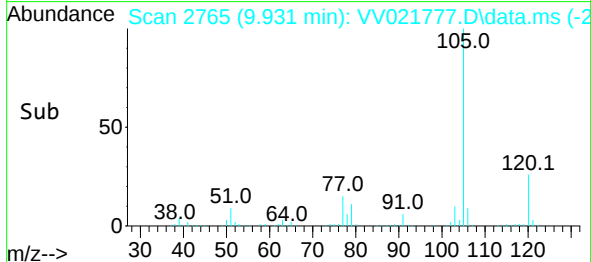
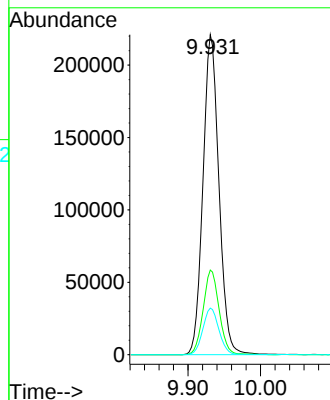
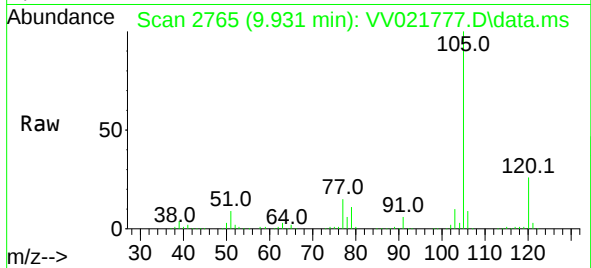




#60
Isopropylbenzene
Concen: 5.445 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

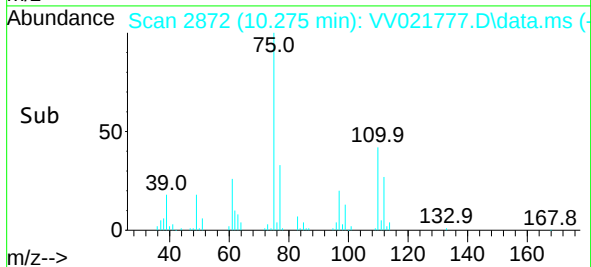
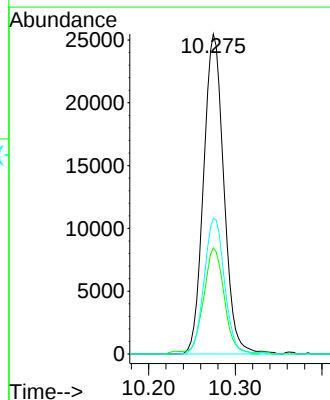
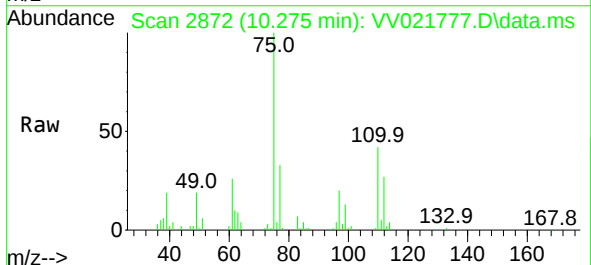
Instrument :
MSVOA_V
ClientSampleId :

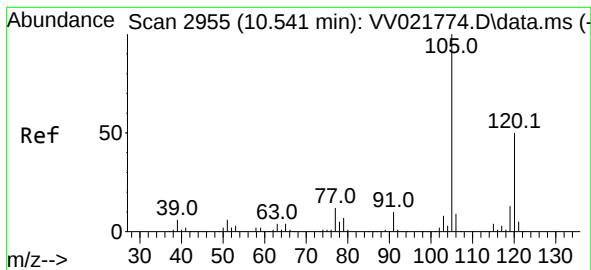
Tgt Ion:105 Resp: 337940
Ion Ratio Lower Upper
105 100
120 26.5 21.3 31.9
77 14.7 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 5.106 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

Tgt Ion: 75 Resp: 41404
Ion Ratio Lower Upper
75 100
77 33.6 26.5 39.7
110 42.4 33.4 50.2

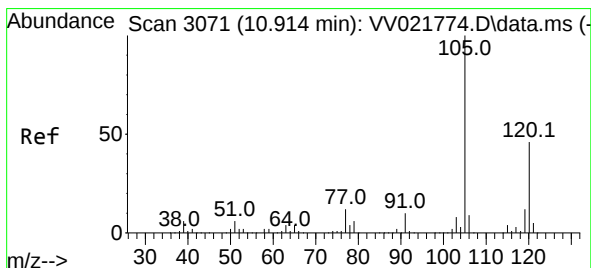
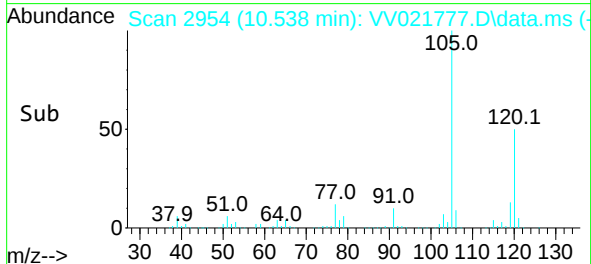
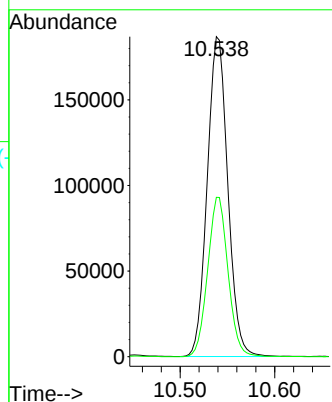
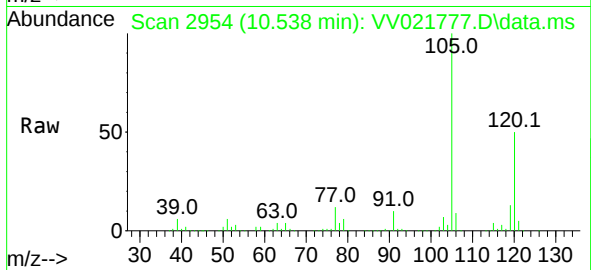




#62
1,3,5-Trimethylbenzene
Concen: 5.461 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.003 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

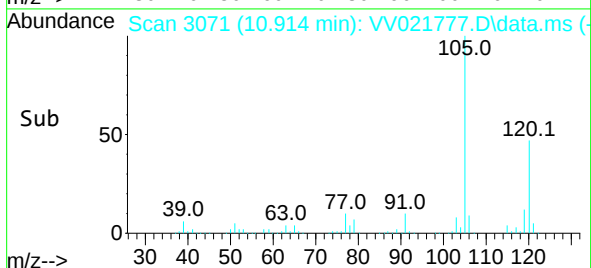
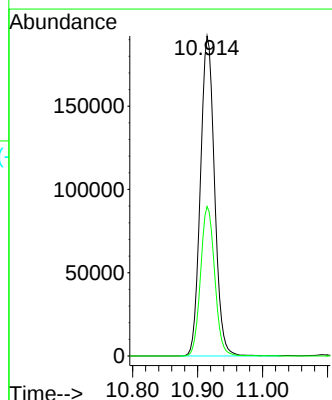
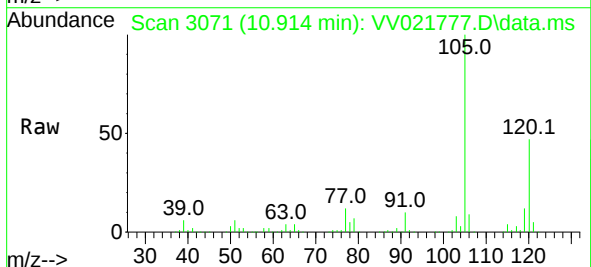
Instrument :
MSVOA_V
ClientSampleId :

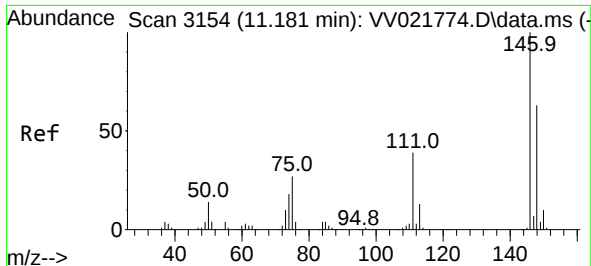
Tgt Ion:105 Resp: 282296
Ion Ratio Lower Upper
105 100
120 49.4 40.5 60.7



#63
1,2,4-Trimethylbenzene
Concen: 5.544 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

Tgt Ion:105 Resp: 291350
Ion Ratio Lower Upper
105 100
120 46.6 37.5 56.3

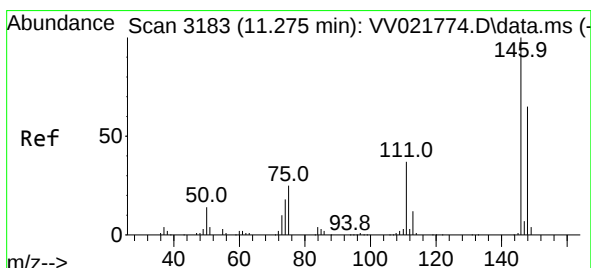
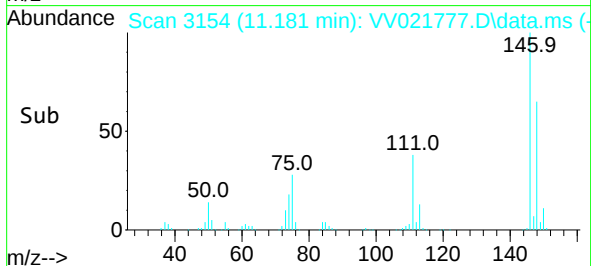
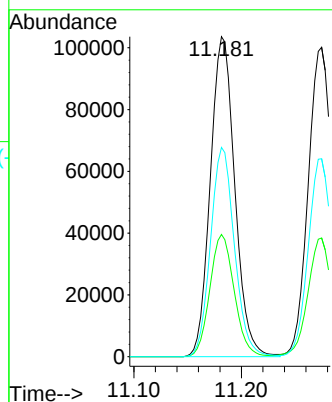
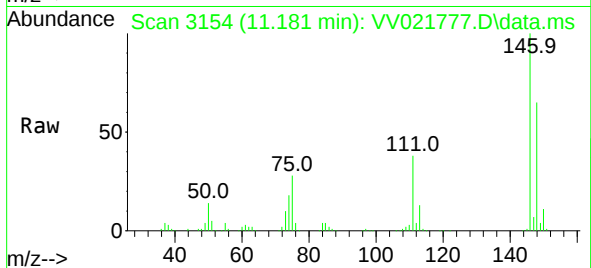




#64
1,3-Dichlorobenzene
Concen: 5.462 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

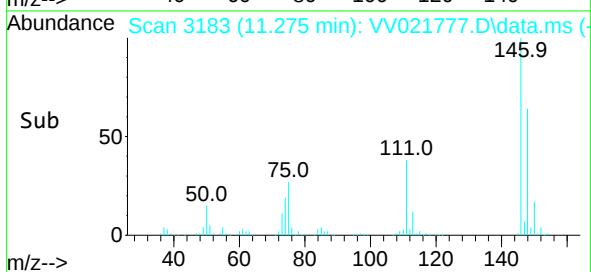
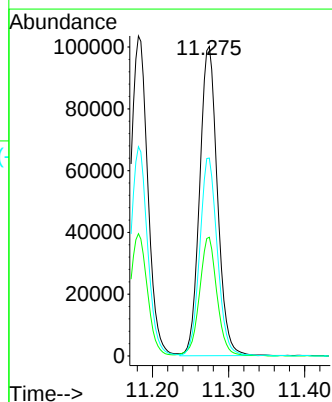
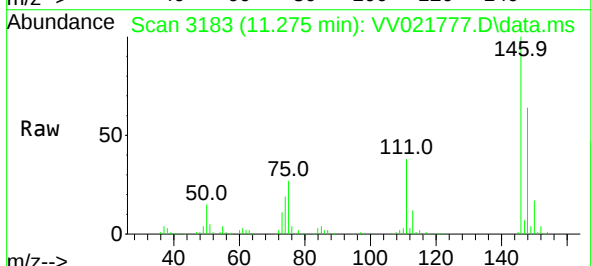
Instrument :
MSVOA_V
ClientSampleId :

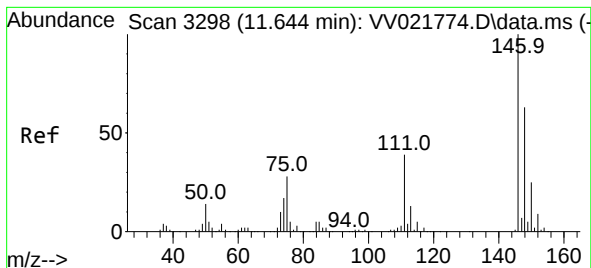
Tgt Ion:146 Resp: 163878
Ion Ratio Lower Upper
146 100
111 38.2 26.7 49.7
148 65.4 43.2 80.2



#65
1,4-Dichlorobenzene
Concen: 5.450 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

Tgt Ion:146 Resp: 162614
Ion Ratio Lower Upper
146 100
111 38.4 25.9 48.1
148 64.0 45.4 84.2

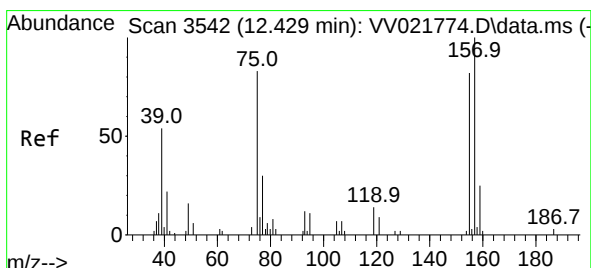
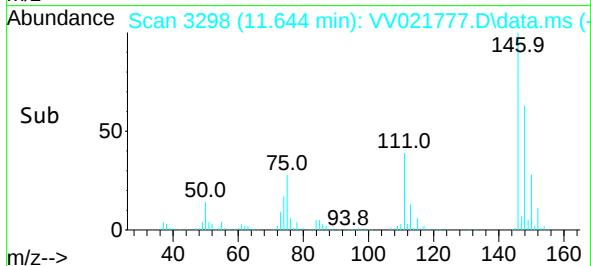
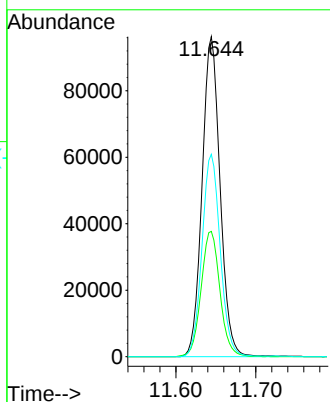
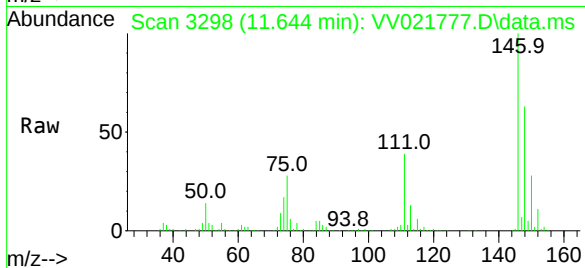




#67
1,2-Dichlorobenzene
Concen: 5.373 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

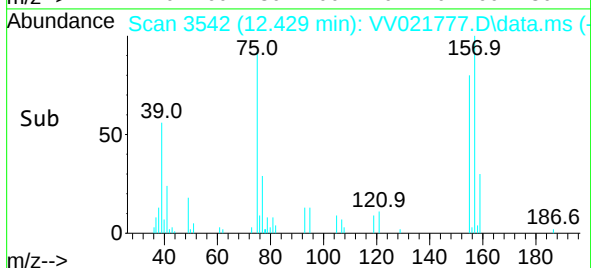
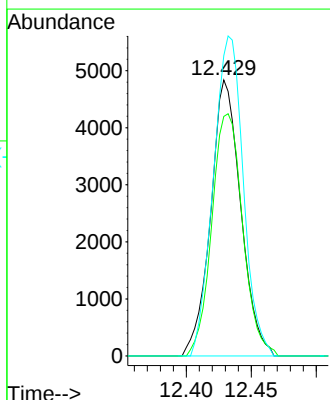
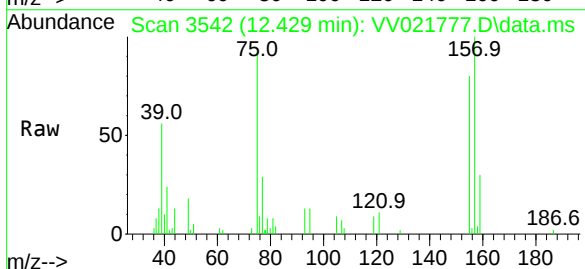
Instrument :
MSVOA_V
ClientSampleId :

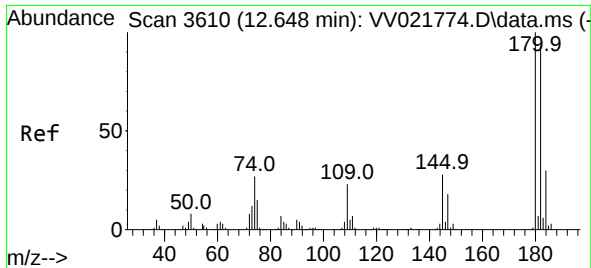
Tgt Ion:146 Resp: 150859
Ion Ratio Lower Upper
146 100
111 39.2 33.0 49.4
148 63.2 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 5.107 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

Tgt Ion: 75 Resp: 7791
Ion Ratio Lower Upper
75 100
155 86.8 75.0 112.6
157 108.8 101.8 152.8

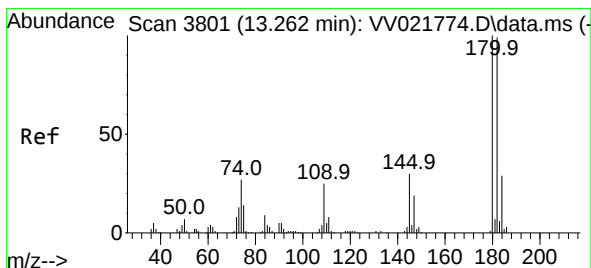
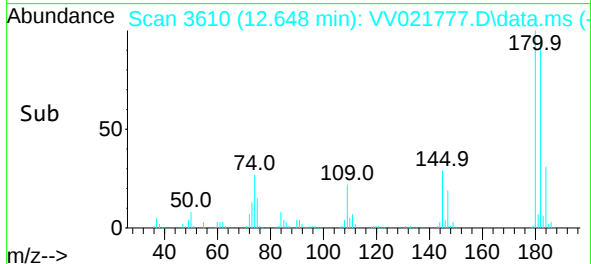
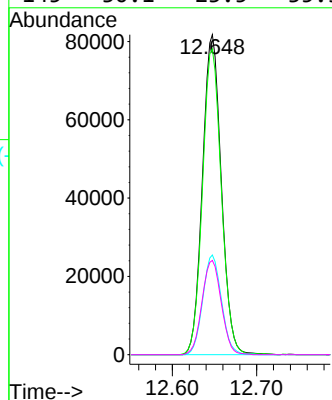
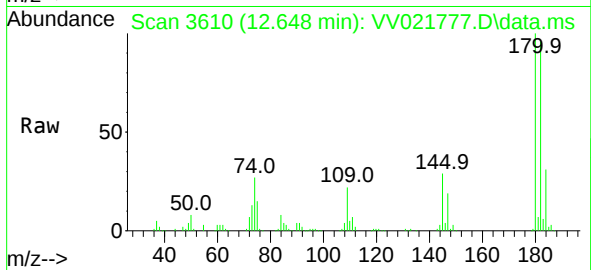




#69
1,3,5-Trichlorobenzene
Concen: 5.446 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

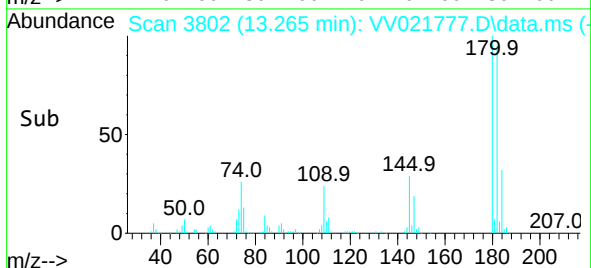
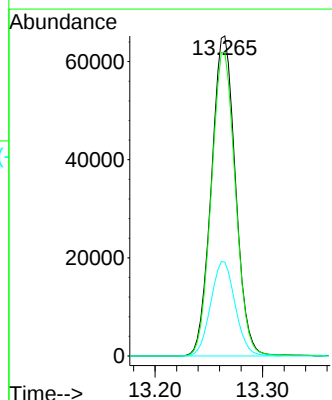
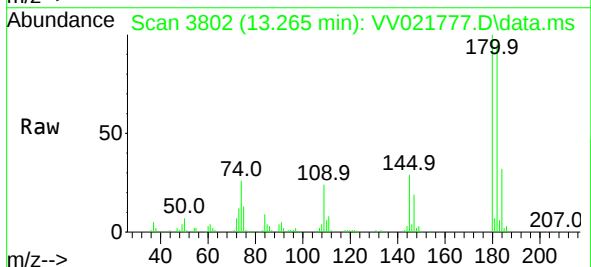
Instrument :
MSVOA_V
ClientSampled :

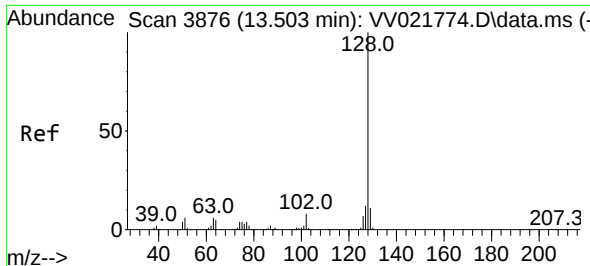
Tgt Ion:180	Resp:	127300
Ion Ratio	Lower	Upper
180	100	
182	95.6	75.5 113.3
184	31.0	24.0 36.0
145	30.1	23.5 35.3



#70
1,2,4-trichlorobenzene
Concen: 5.494 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.003 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

Tgt Ion:180	Resp:	101332
Ion Ratio	Lower	Upper
180	100	
182	94.7	74.9 112.3
145	30.0	23.8 35.8

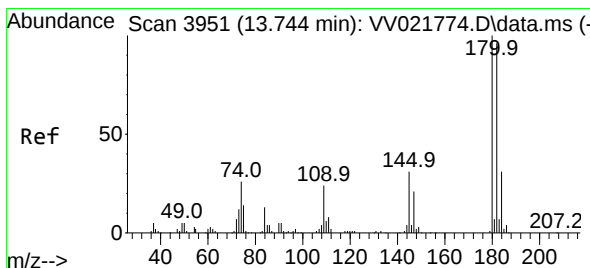
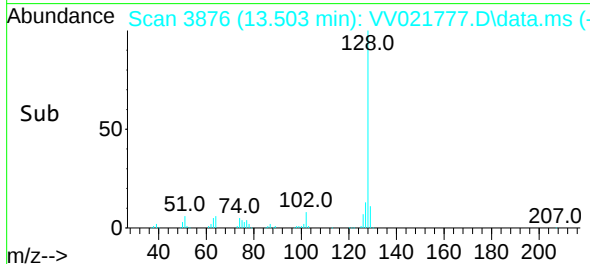
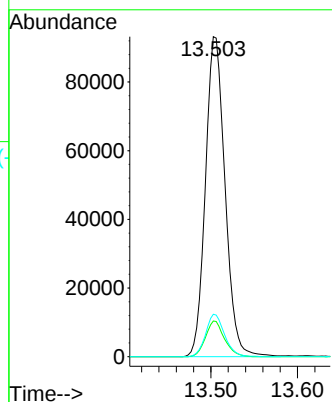
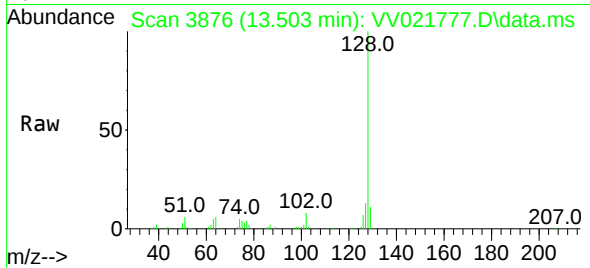




#71
Naphthalene
Concen: 5.353 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 146583
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 12.8 9.9 14.9



#72
1,2,3-Trichlorobenzene
Concen: 5.573 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV021777.D
Acq: 12 Aug 2021 15:52

Tgt Ion:180 Resp: 90386
Ion Ratio Lower Upper
180 100
182 95.7 77.0 115.4
145 31.4 25.6 38.4

