

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080921\
 Data File : VV021757.D
 Acq On : 09 Aug 2021 10:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 10 01:16:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 07 01:48:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	404335	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	379852	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	201534	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	108887	42.882	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.760%		
7) Chloroethane-d5	1.564	69	81319	38.829	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	77.660%		
11) 1,1-Dichloroethene-d2	2.105	63	190541	41.955	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.900%		
21) 2-Butanone-d5	3.876	46	235784	108.098	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	108.100%		
24) Chloroform-d	4.346	84	263294	48.920	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.840%		
26) 1,2-Dichloroethane-d4	5.031	65	155342	48.263	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.520%		
32) Benzene-d6	5.047	84	510876	47.452	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.900%		
36) 1,2-Dichloropropane-d6	6.069	67	164202	48.119	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.240%		
41) Toluene-d8	7.317	98	473224	47.507	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.020%		
43) trans-1,3-Dichloroprop...	7.622	79	82834	49.195	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.400%		
47) 2-Hexanone-d5	8.088	63	161973	108.857	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	108.860%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	227687	50.627	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.260%		
66) 1,2-Dichlorobenzene-d4	11.625	152	197928	47.434	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.860%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	136542	51.025	ug/L	99
3) Chloromethane	1.240	50	127741	48.424	ug/L	99
5) Vinyl chloride	1.310	62	133600	49.700	ug/L	98
6) Bromomethane	1.519	94	82352	55.723	ug/L	100
8) Chloroethane	1.580	64	69966	42.550	ug/L	100
9) Trichlorofluoromethane	1.748	101	204147	52.174	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	106999	48.482	ug/L	99
12) 1,1-Dichloroethene	2.114	96	95088	46.996	ug/L	90
13) Acetone	2.169	43	190441	133.093	ug/L	99
14) Carbon disulfide	2.291	76	270207	49.828	ug/L	99
15) Methyl Acetate	2.426	43	166384	55.705	ug/L	100
16) Methylene chloride	2.503	84	144987	52.636	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	124094	51.979	ug/L	97
18) Methyl tert-butyl Ether	2.764	73	452969	53.849	ug/L	100
19) 1,1-Dichloroethane	3.188	63	243413	52.280	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	148618	52.575	ug/L	98
22) 2-Butanone	3.960	43	252300	121.167	ug/L	99
23) Bromochloromethane	4.246	128	79269	52.197	ug/L	98
25) Chloroform	4.371	83	254145	52.025	ug/L	99

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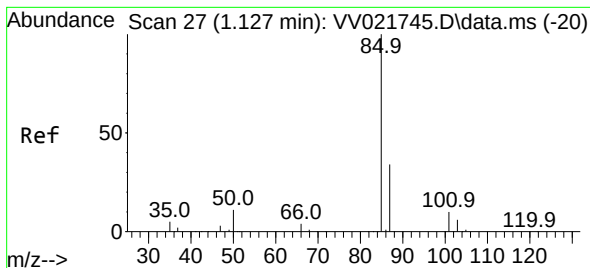
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	181997	52.697	ug/L	99
29) Cyclohexane	4.677	56	193717	50.971	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	223022	52.010	ug/L	100
31) Carbon tetrachloride	4.825	117	192687	52.225	ug/L	99
33) Benzene	5.098	78	532279	52.107	ug/L	100
34) Trichloroethene	5.912	95	149502	51.655	ug/L	98
35) Methylcyclohexane	6.130	83	208259	52.780	ug/L	98
37) 1,2-Dichloropropane	6.172	63	143189	52.608	ug/L	99
38) Bromodichloromethane	6.510	83	196217	52.797	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	235984	54.716	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	438465	110.581	ug/L	100
42) Toluene	7.387	91	582714	52.907	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	223572	54.079	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	149947	54.098	ug/L	99
46) Tetrachloroethene	7.976	164	112734	52.707	ug/L	98
48) 2-Hexanone	8.140	43	345901	113.818	ug/L	99
49) Dibromochloromethane	8.246	129	170826	54.110	ug/L	99
50) 1,2-Dibromoethane	8.352	107	159999	54.328	ug/L	97
51) Chlorobenzene	8.882	112	389054	52.866	ug/L	99
52) Ethylbenzene	9.011	91	629571	52.648	ug/L	99
53) m,p-Xylene	9.140	106	246617	53.134	ug/L	99
54) o-Xylene	9.545	106	246156	52.703	ug/L	99
55) Styrene	9.561	104	428963	54.818	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	221261	53.479	ug/L	99
59) Bromoform	9.731	173	127286	54.613	ug/L	100
60) Isopropylbenzene	9.934	105	647918	52.041	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	191062	53.340	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	554814	52.632	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	561862	52.373	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	316603	52.773	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	318237	52.714	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	323693	52.820	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	50426	53.477	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	238561	53.437	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	207383	55.100	ug/L	99
71) Naphthalene	13.503	128	627187	57.561	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	211538	56.565	ug/L	99

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

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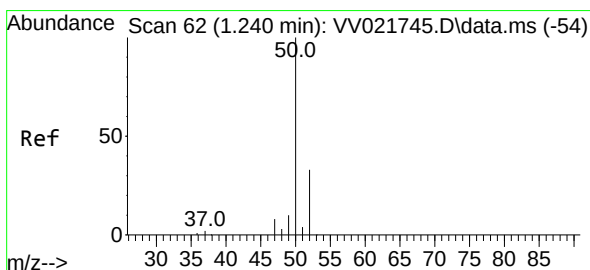
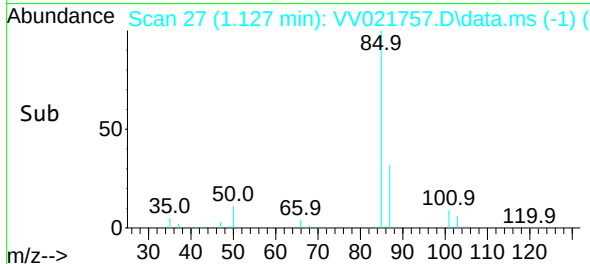
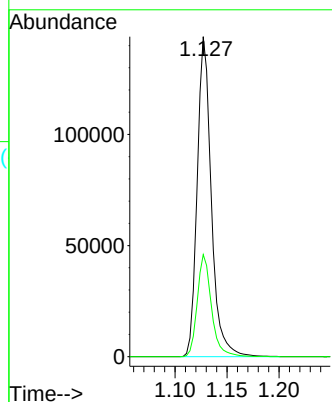
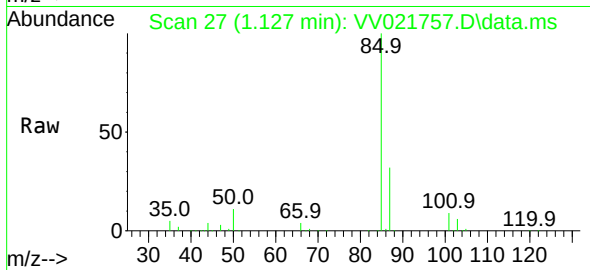




#2
 Dichlorodifluoromethane
 Concen: 51.025 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV021757.D
 Acq: 09 Aug 2021 10:39

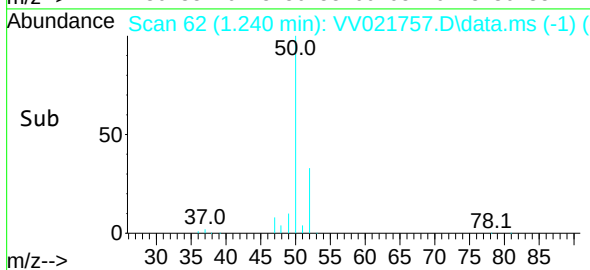
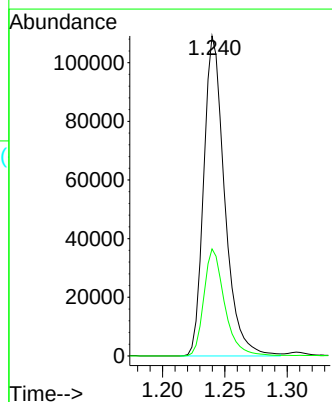
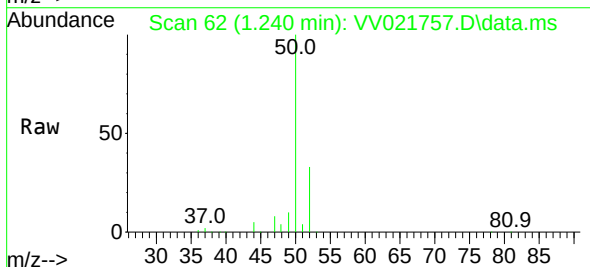
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 MSVOA_V
 ClientSampled :

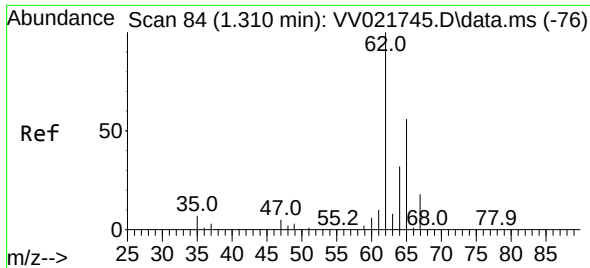
Tgt Ion: 85 Resp: 136542
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.2 39.4



#3
 Chloromethane
 Concen: 48.424 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV021757.D
 Acq: 09 Aug 2021 10:39

Tgt Ion: 50 Resp: 127741
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.1 42.9

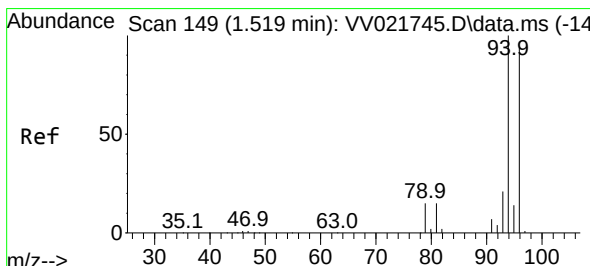
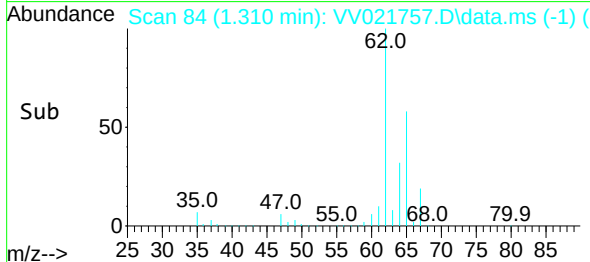
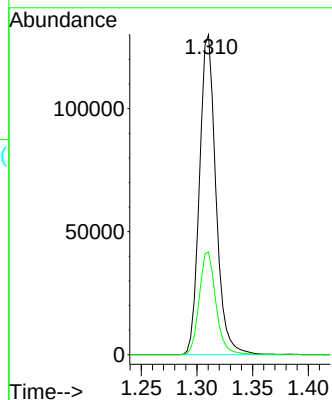
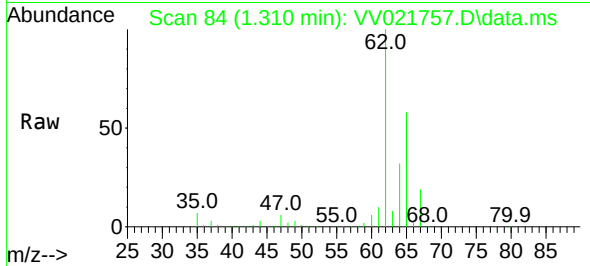




#5
 Vinyl chloride
 Concen: 49.700 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV021757.D
 Acq: 09 Aug 2021 10:39

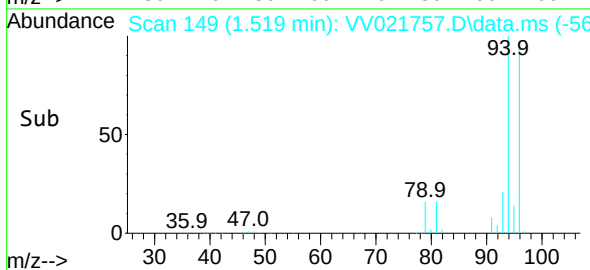
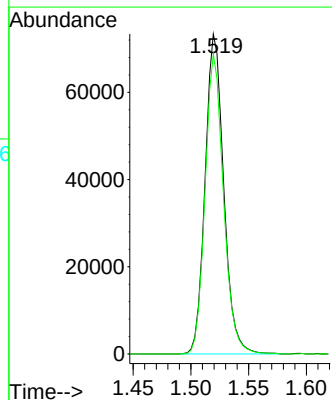
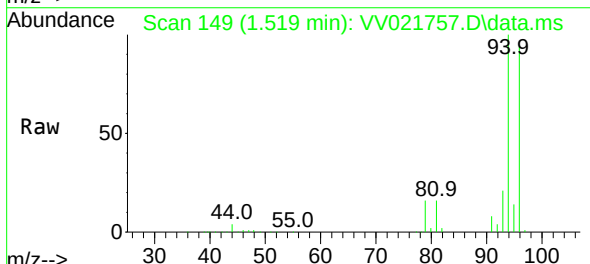
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 ClientSampled :

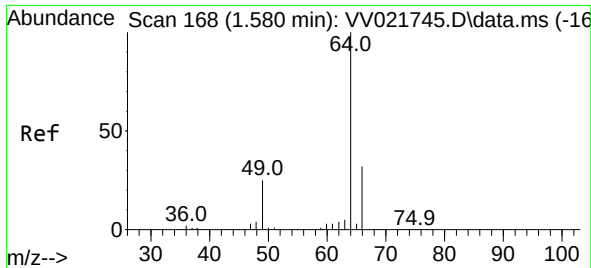
Tgt Ion: 62 Resp: 133600
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.2 43.2



#6
 Bromomethane
 Concen: 55.723 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV021757.D
 Acq: 09 Aug 2021 10:39

Tgt Ion: 94 Resp: 82352
 Ion Ratio Lower Upper
 94 100
 96 93.6 65.4 121.4

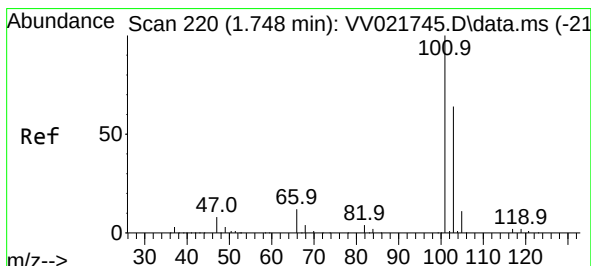
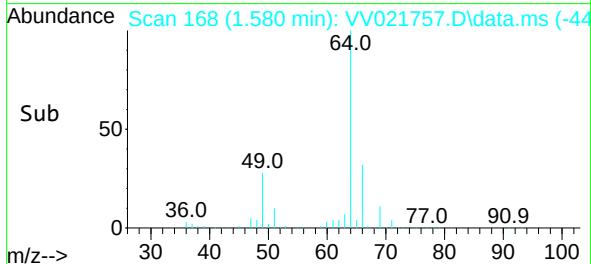
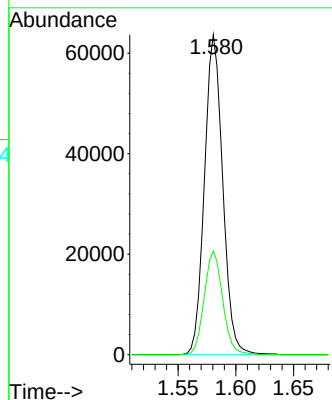
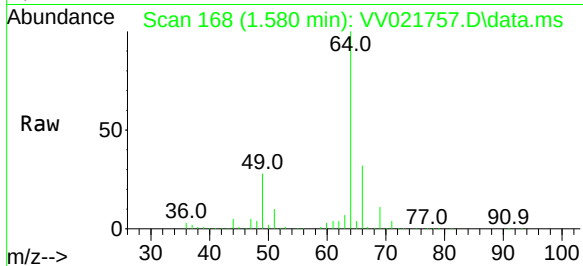




#8
Chloroethane
Concen: 42.550 ug/L
RT: 1.580 min Scan# 168
Delta R.T. 0.000 min
Lab File: VV021757.D
Acq: 09 Aug 2021 10:39

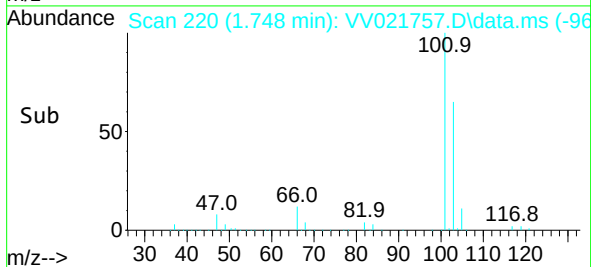
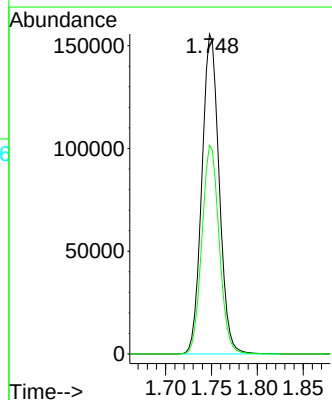
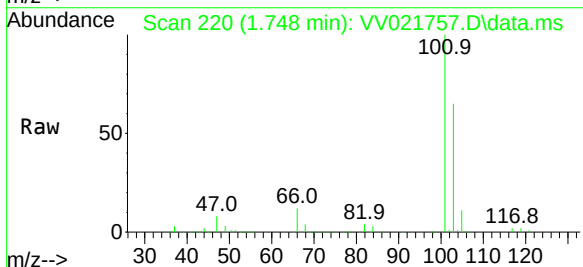
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ClientSampled :

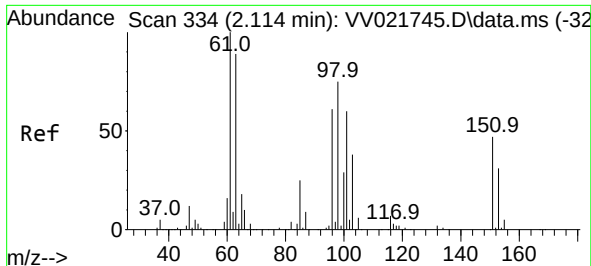
Tgt Ion: 64 Resp: 69966
Ion Ratio Lower Upper
64 100
66 32.4 22.9 42.5



#9
Trichlorofluoromethane
Concen: 52.174 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV021757.D
Acq: 09 Aug 2021 10:39

Tgt Ion:101 Resp: 204147
Ion Ratio Lower Upper
101 100
103 65.4 51.5 77.3

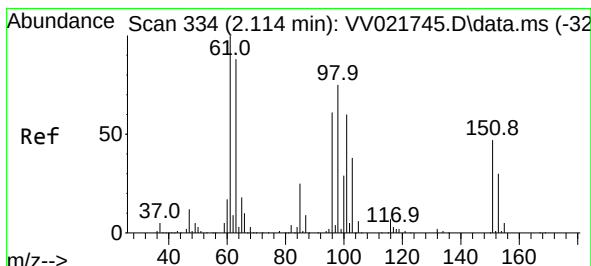
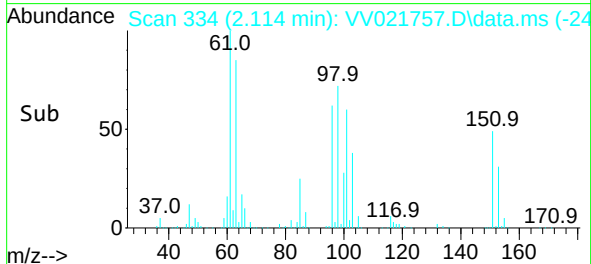
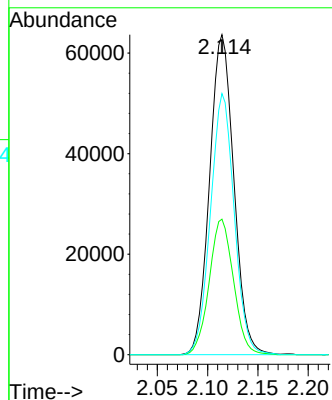
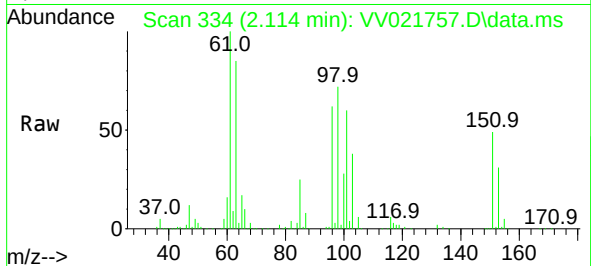




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.482 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV021757.D
 Acq: 09 Aug 2021 10:39

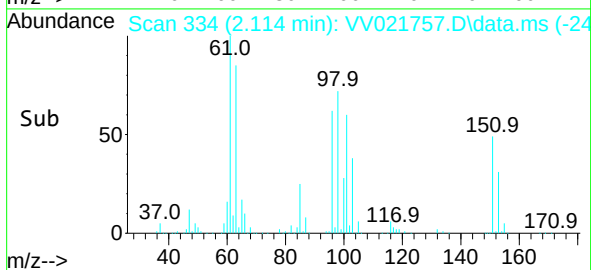
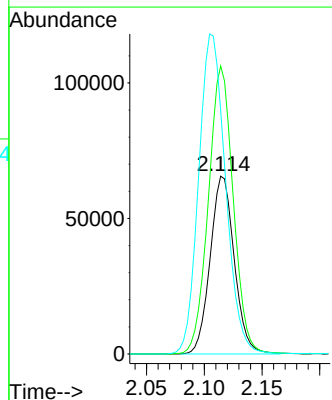
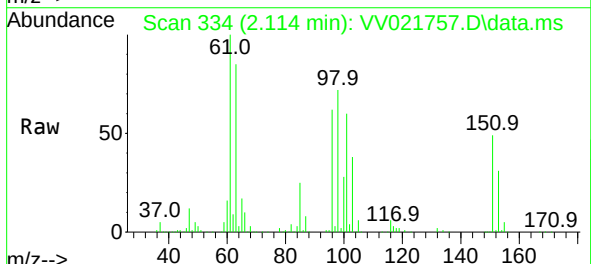
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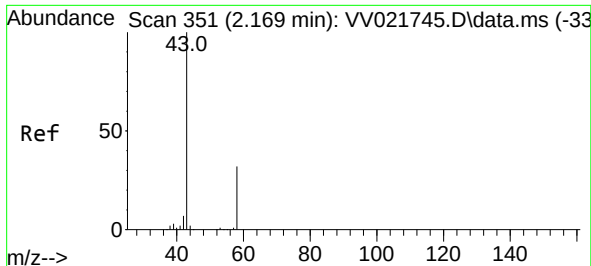
Tgt Ion:101 Resp: 106999
 Ion Ratio Lower Upper
 101 100
 85 42.4 33.7 50.5
 151 79.9 62.7 94.1



#12
 1,1-Dichloroethene
 Concen: 46.996 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV021757.D
 Acq: 09 Aug 2021 10:39

Tgt Ion: 96 Resp: 95088
 Ion Ratio Lower Upper
 96 100
 61 162.0 118.2 219.4
 63 136.9 110.9 205.9

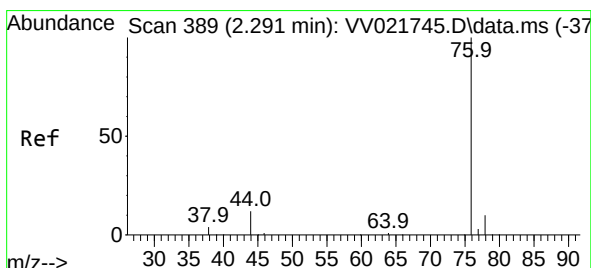
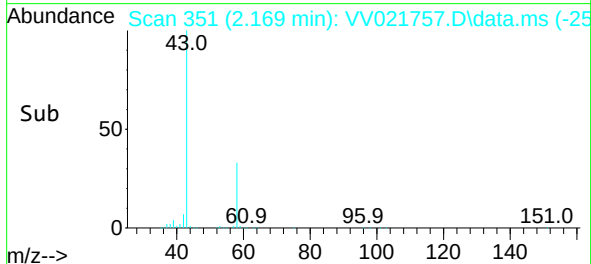
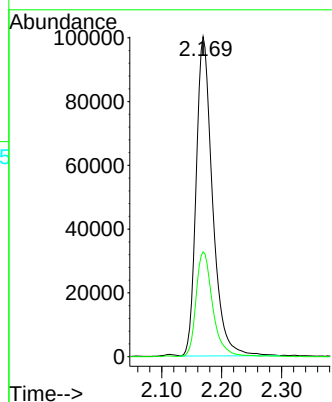
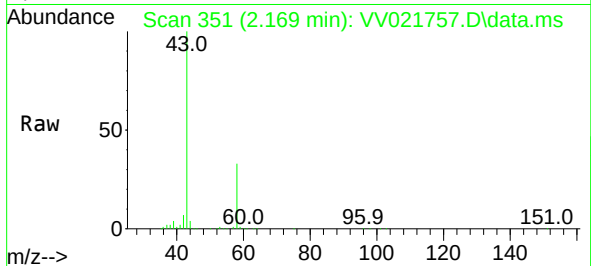




#13
Acetone
Concen: 133.093 ug/L
RT: 2.169 min Scan# 351
Delta R.T. 0.000 min
Lab File: VV021757.D
Acq: 09 Aug 2021 10:39

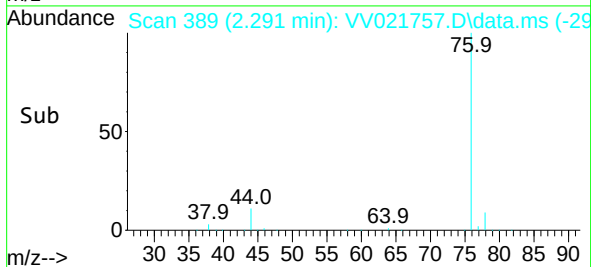
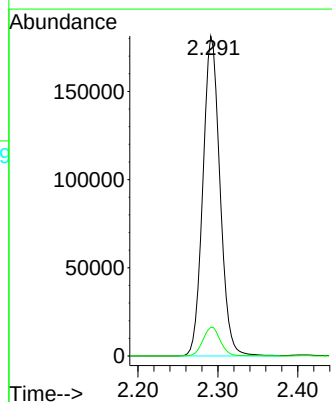
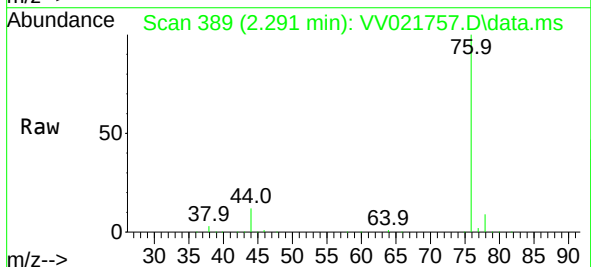
Instrument :
MSVOA_V
ClientSampled :

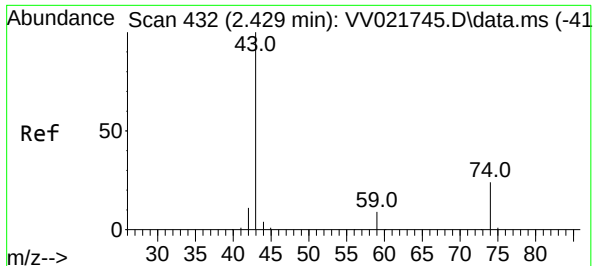
Tgt Ion: 43 Resp: 190441
Ion Ratio Lower Upper
43 100
58 32.7 0.0 66.2



#14
Carbon disulfide
Concen: 49.828 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV021757.D
Acq: 09 Aug 2021 10:39

Tgt Ion: 76 Resp: 270207
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4

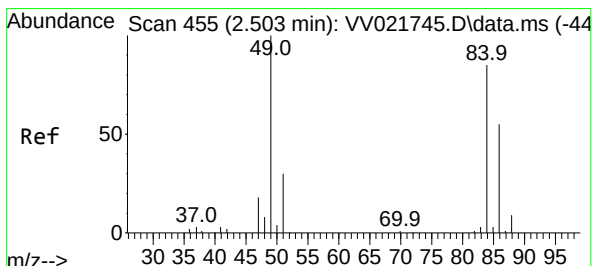
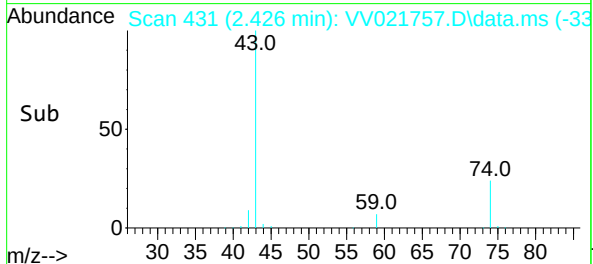
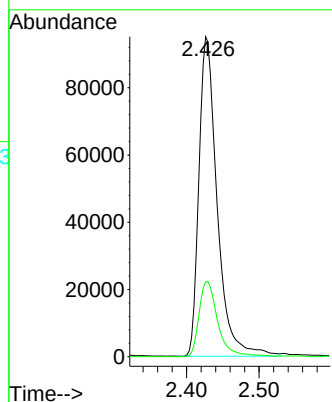
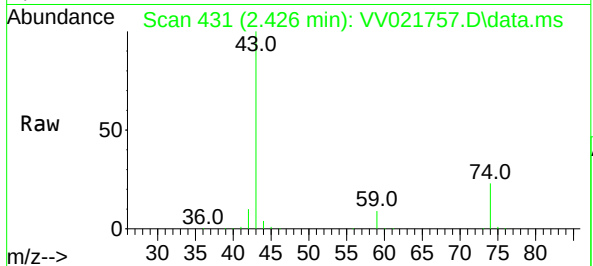




#15
Methyl Acetate
Concen: 55.705 ug/L
RT: 2.426 min Scan# 431
Delta R.T. -0.003 min
Lab File: VV021757.D
Acq: 09 Aug 2021 10:39

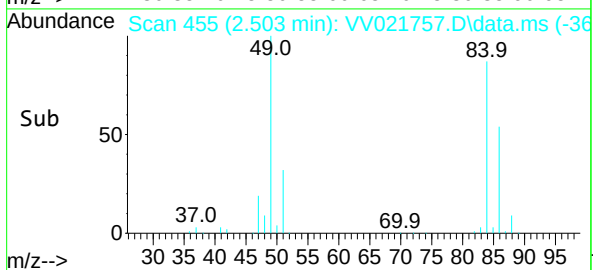
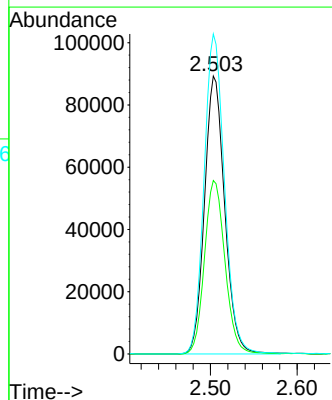
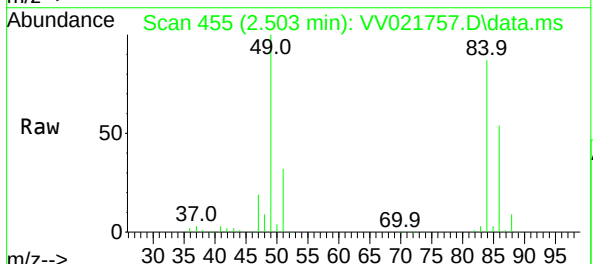
Instrument :
MSVOA_V
ClientSampled :

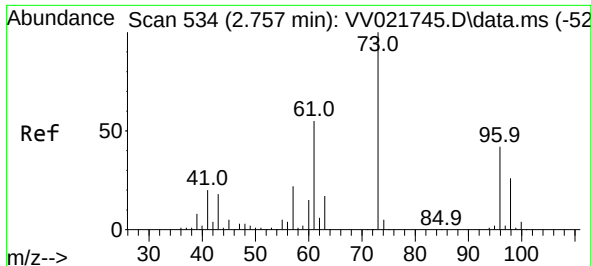
Tgt Ion: 43 Resp: 166384
Ion Ratio Lower Upper
43 100
74 23.9 19.0 28.4



#16
Methylene chloride
Concen: 52.636 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV021757.D
Acq: 09 Aug 2021 10:39

Tgt Ion: 84 Resp: 144987
Ion Ratio Lower Upper
84 100
86 62.4 44.2 82.2
49 115.1 83.4 155.0

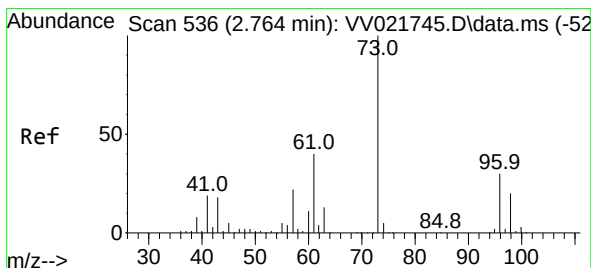
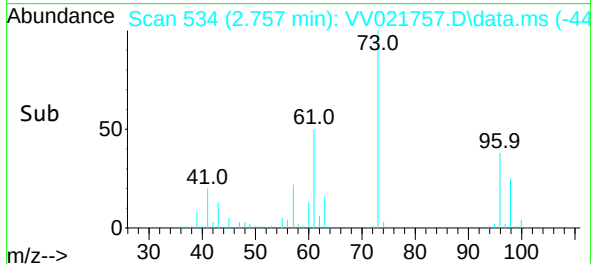
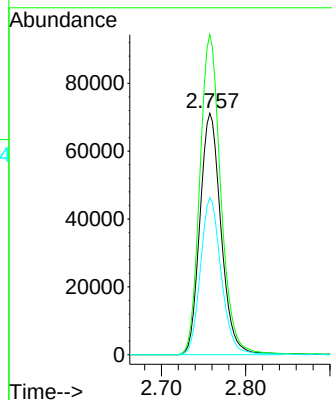
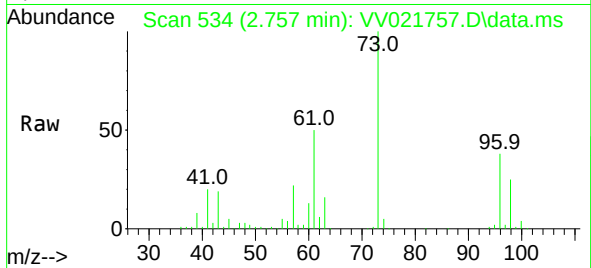




#17
trans-1,2-Dichloroethene
Concen: 51.979 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV021757.D
Acq: 09 Aug 2021 10:39

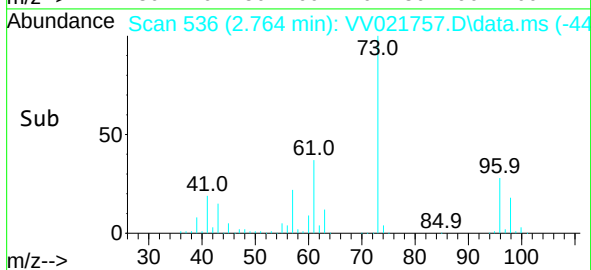
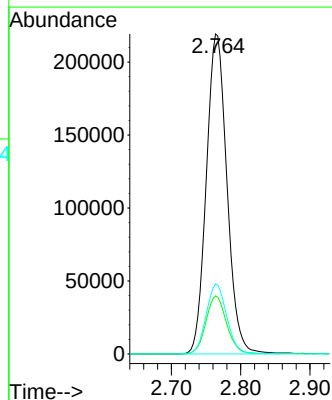
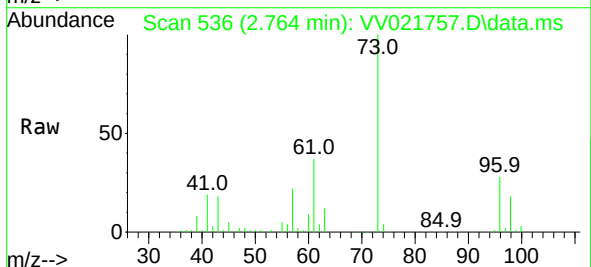
Instrument :
MSVOA_V
ClientSampleId :

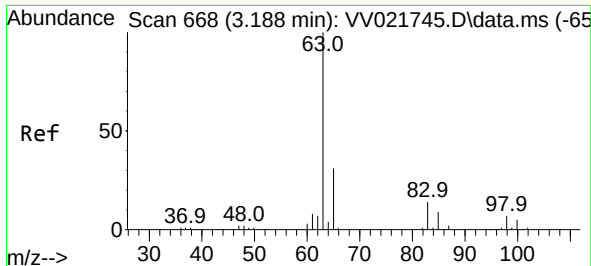
Tgt Ion: 96 Resp: 124094
Ion Ratio Lower Upper
96 100
61 132.5 95.1 176.7
98 65.0 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 53.849 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV021757.D
Acq: 09 Aug 2021 10:39

Tgt Ion: 73 Resp: 452969
Ion Ratio Lower Upper
73 100
43 17.9 14.3 21.5
57 21.8 17.7 26.5





#19

1,1-Dichloroethane

Concen: 52.280 ug/L

RT: 3.188 min Scan# 668

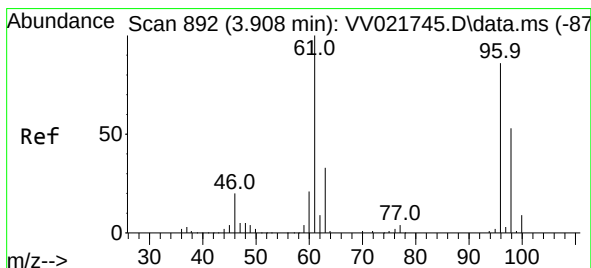
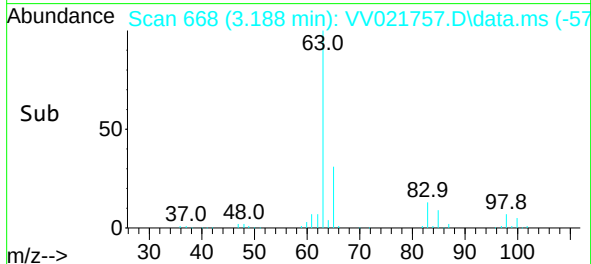
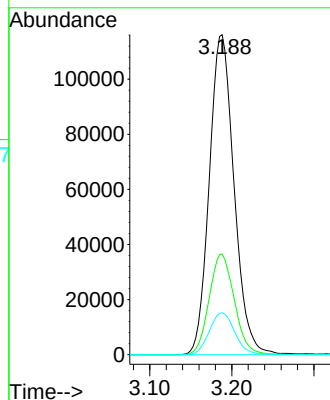
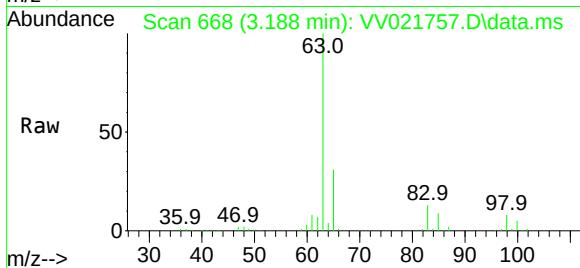
Delta R.T. 0.000 min

Lab File: VV021757.D

Acq: 09 Aug 2021 10:39

Tgt Ion: 63 Resp: 243413

Ion	Ratio	Lower	Upper
63	100		
65	31.4	22.0	41.0
83	13.1	9.7	18.1



#20

cis-1,2-Dichloroethene

Concen: 52.575 ug/L

RT: 3.908 min Scan# 892

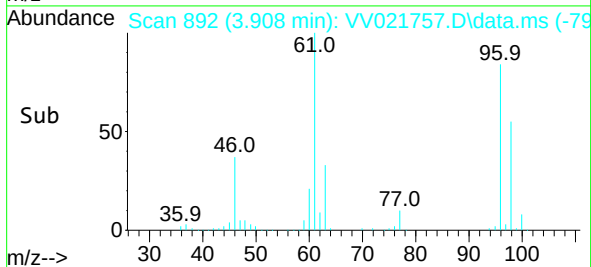
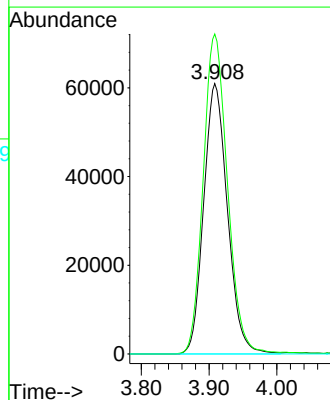
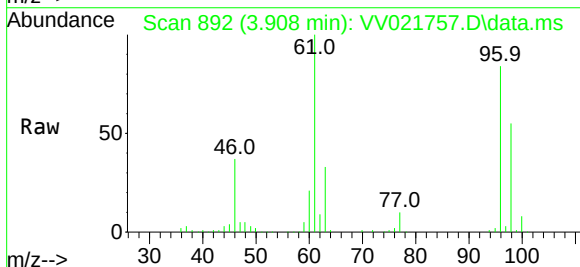
Delta R.T. 0.000 min

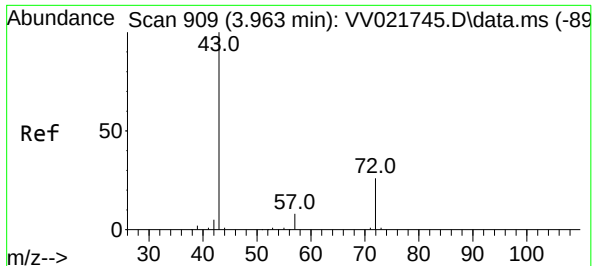
Lab File: VV021757.D

Acq: 09 Aug 2021 10:39

Tgt Ion: 96 Resp: 148618

Ion	Ratio	Lower	Upper
96	100		
61	118.4	84.1	156.3
68	0.0	0.0	0.0

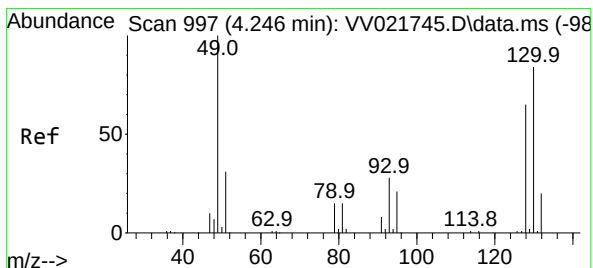
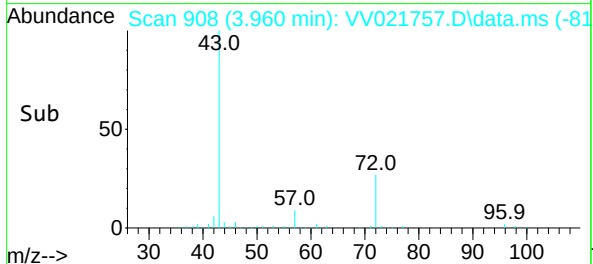
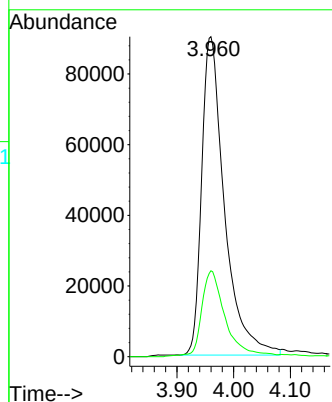
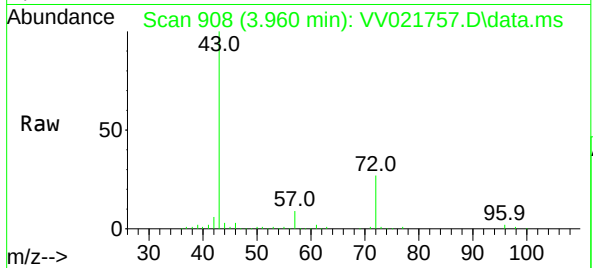




#22
2-Butanone
Concen: 121.167 ug/L
RT: 3.960 min Scan# 908
Delta R.T. -0.003 min
Lab File: VV021757.D
Acq: 09 Aug 2021 10:39

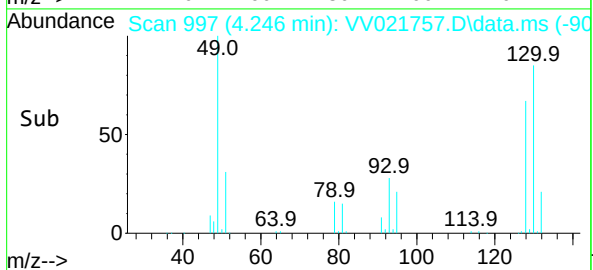
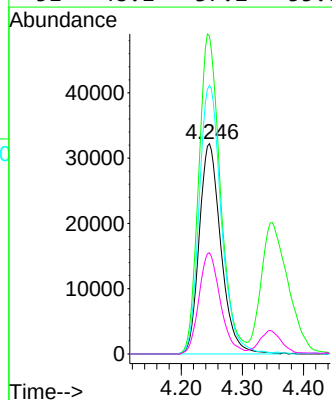
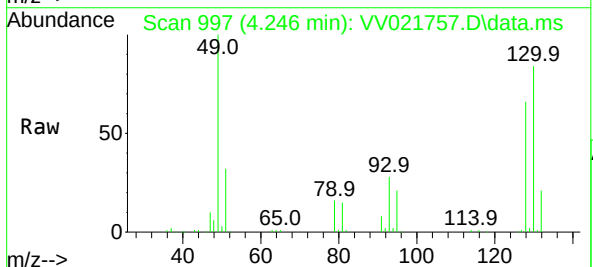
Instrument :
MSVOA_V
ClientSampled :

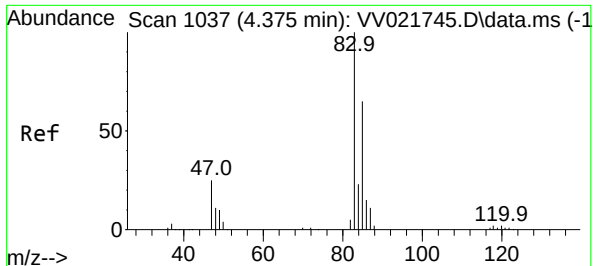
Tgt Ion: 43 Resp: 252300
Ion Ratio Lower Upper
43 100
72 27.9 13.8 41.4



#23
Bromochloromethane
Concen: 52.197 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.000 min
Lab File: VV021757.D
Acq: 09 Aug 2021 10:39

Tgt Ion:128 Resp: 79269
Ion Ratio Lower Upper
128 100
49 151.2 103.6 192.4
130 127.7 88.8 165.0
51 48.1 37.2 55.8





#25

Chloroform

Concen: 52.025 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV021757.D

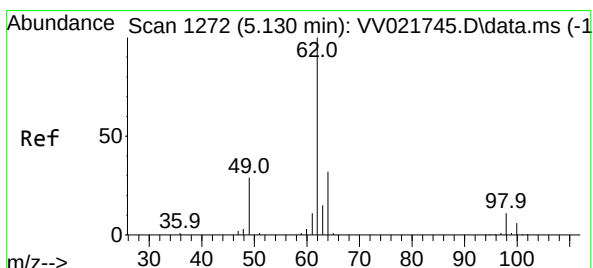
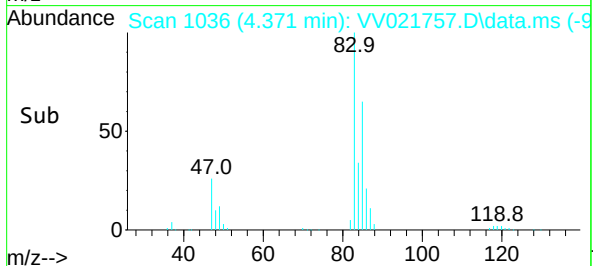
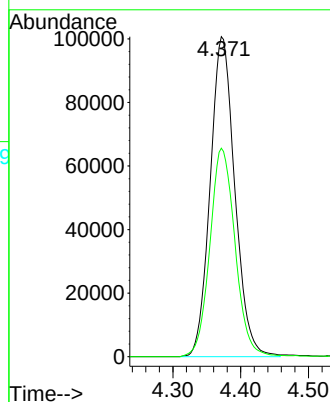
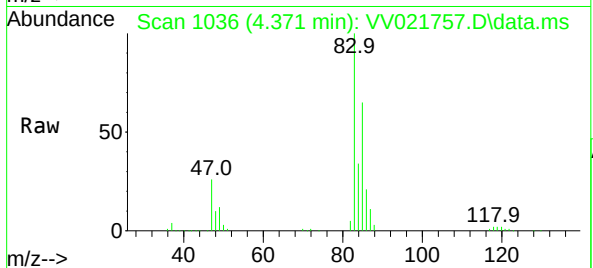
Acq: 09 Aug 2021 10:39

Tgt Ion: 83 Resp: 254145

Ion Ratio Lower Upper

83 100

85 65.1 45.0 83.6



#27

1,2-Dichloroethane

Concen: 52.697 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VV021757.D

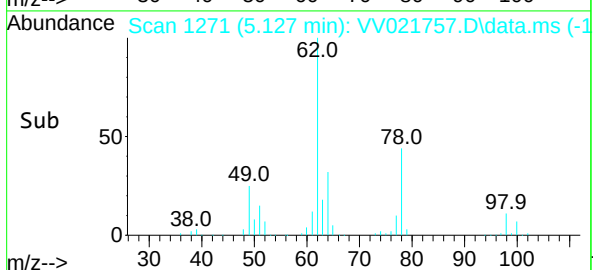
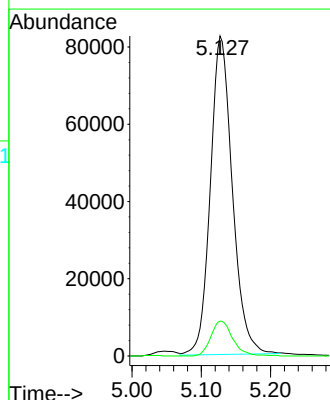
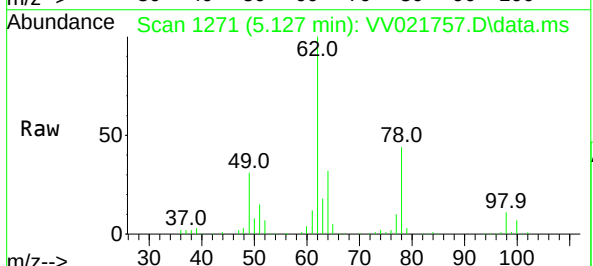
Acq: 09 Aug 2021 10:39

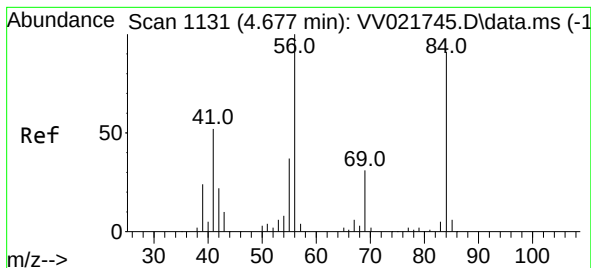
Tgt Ion: 62 Resp: 181997

Ion Ratio Lower Upper

62 100

98 10.9 8.3 12.5

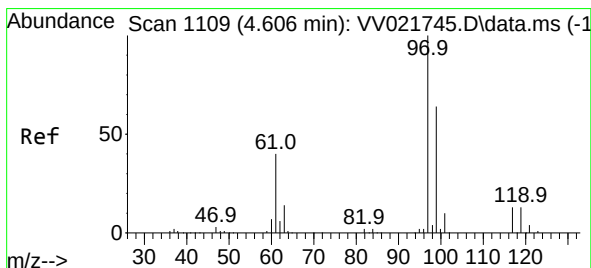
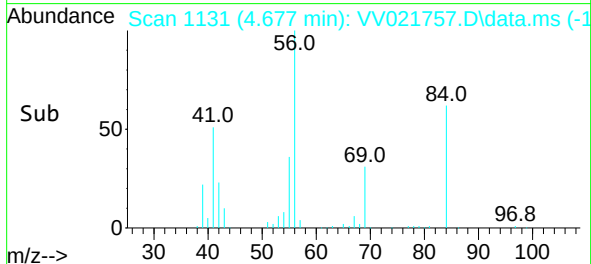
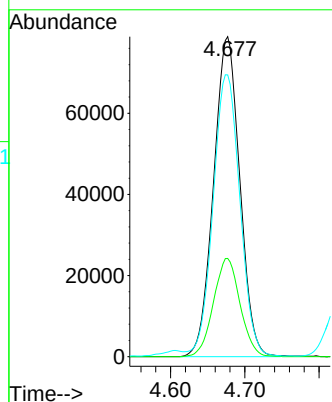
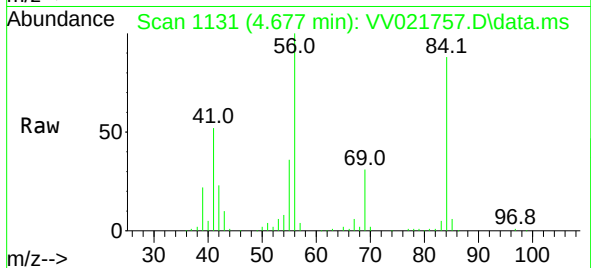




#29
Cyclohexane
Concen: 50.971 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VV021757.D
Acq: 09 Aug 2021 10:39

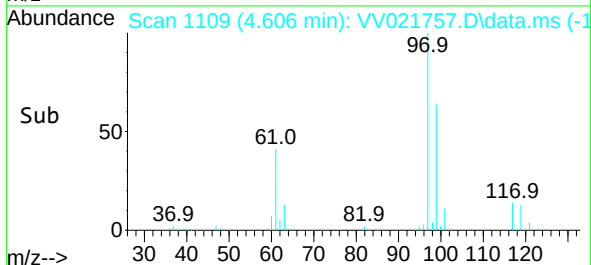
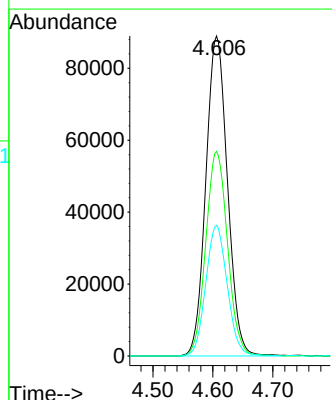
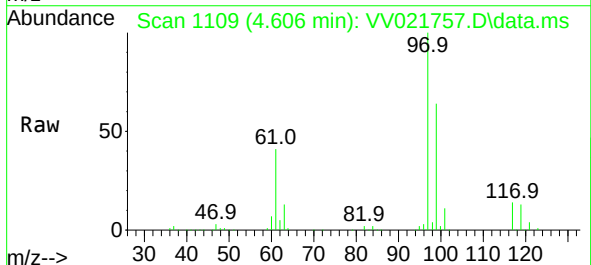
Instrument :
MSVOA_V
ClientSampleId :

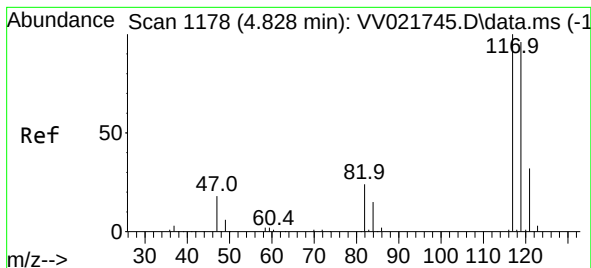
Tgt Ion:	56	Resp:	193717
Ion	Ratio	Lower	Upper
56	100		
69	31.1	25.1	37.7
84	90.0	71.7	107.5



#30
1,1,1-Trichloroethane
Concen: 52.010 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VV021757.D
Acq: 09 Aug 2021 10:39

Tgt Ion:	97	Resp:	223022
Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.0	78.0
61	40.7	32.6	49.0

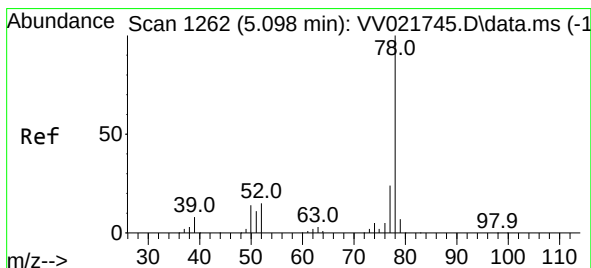
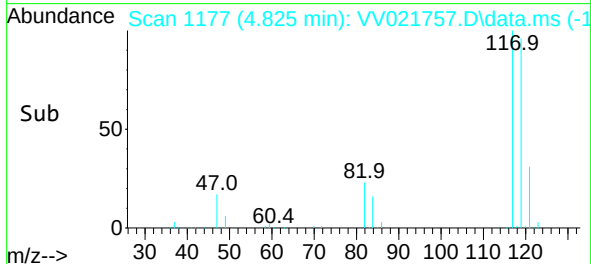
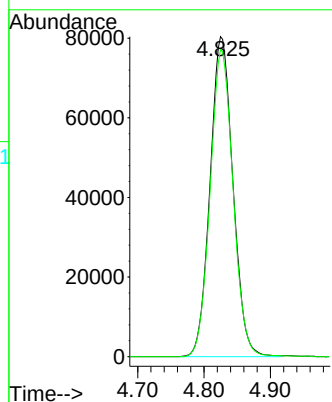
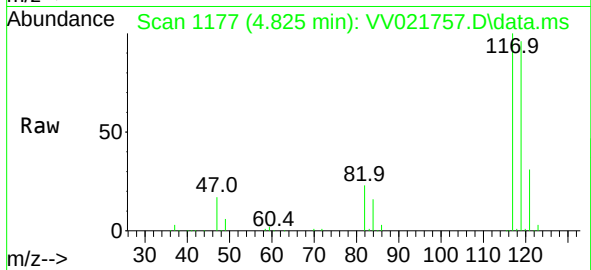




#31
Carbon tetrachloride
Concen: 52.225 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV021757.D
Acq: 09 Aug 2021 10:39

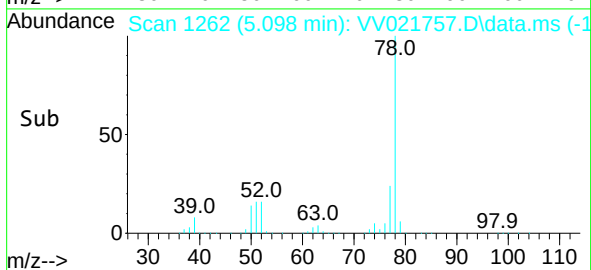
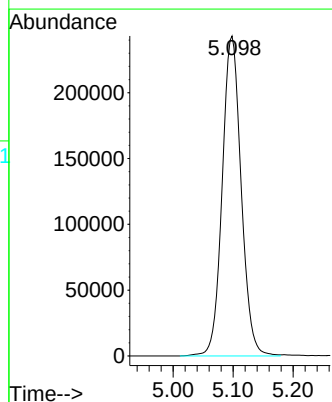
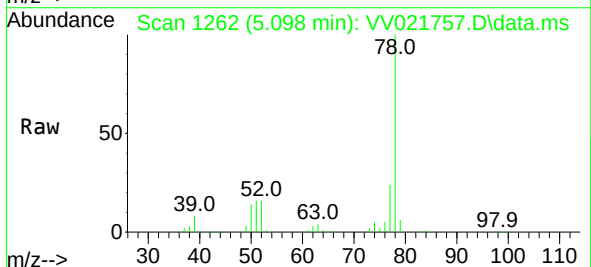
Instrument :
MSVOA_V
ClientSampled :

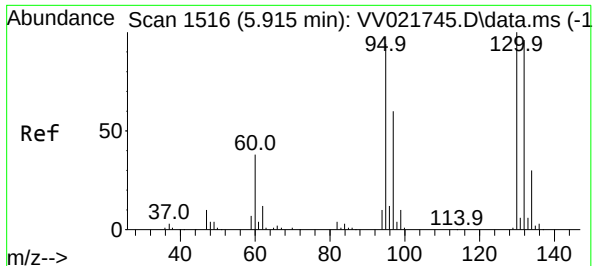
Tgt Ion:117 Resp: 192687
Ion Ratio Lower Upper
117 100
119 95.7 77.7 116.5



#33
Benzene
Concen: 52.107 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV021757.D
Acq: 09 Aug 2021 10:39

Tgt Ion: 78 Resp: 532279





#34

Trichloroethene

Concen: 51.655 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. -0.003 min

Lab File: VV021757.D

Acq: 09 Aug 2021 10:39

Tgt Ion: 95 Resp: 149502

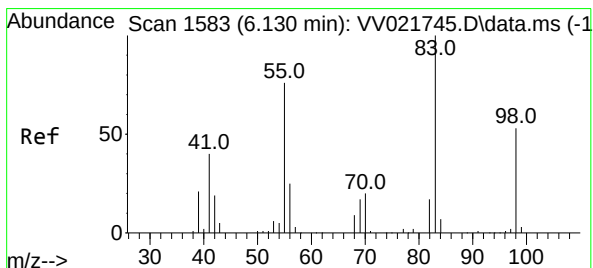
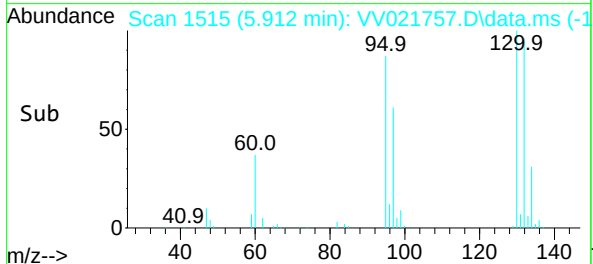
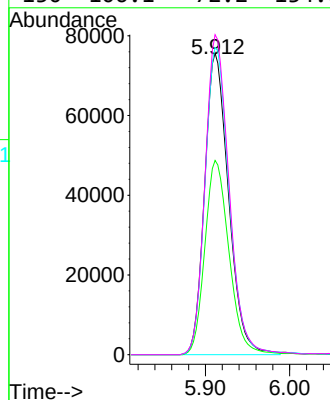
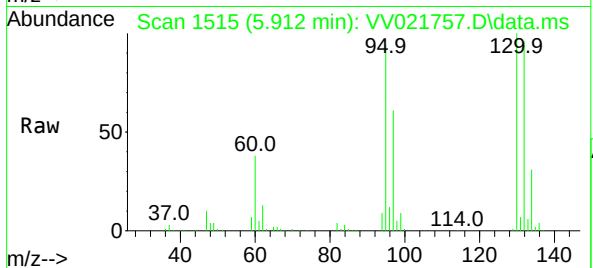
Ion Ratio Lower Upper

95 100

97 64.4 43.5 80.7

132 101.8 70.6 131.2

130 106.1 72.2 134.0



#35

Methylcyclohexane

Concen: 52.780 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.000 min

Lab File: VV021757.D

Acq: 09 Aug 2021 10:39

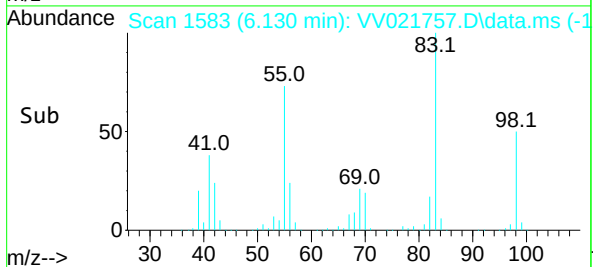
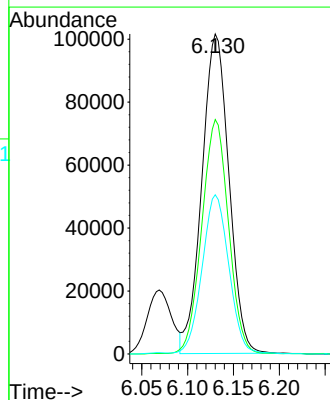
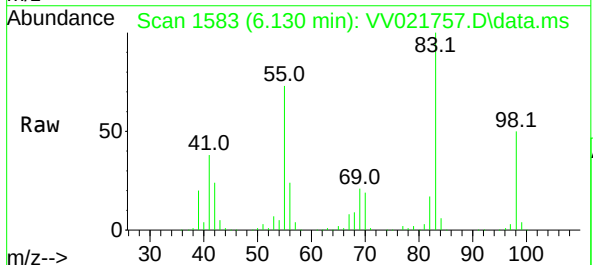
Tgt Ion: 83 Resp: 208259

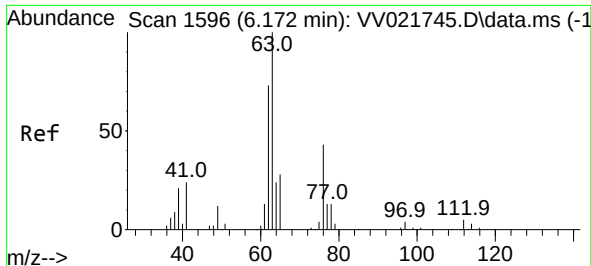
Ion Ratio Lower Upper

83 100

55 72.3 59.1 88.7

98 49.2 40.8 61.2



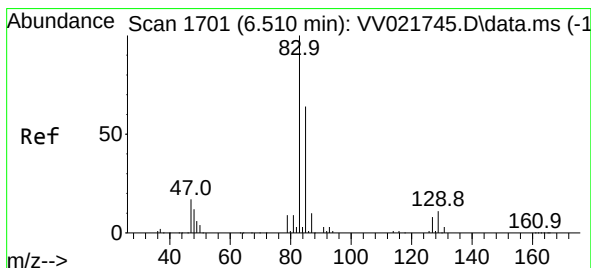
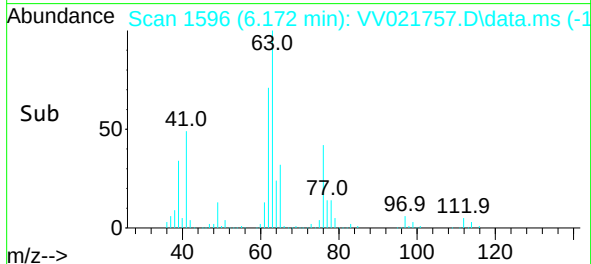
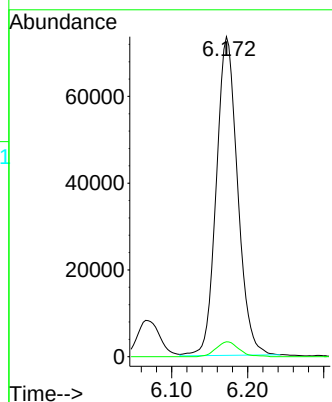
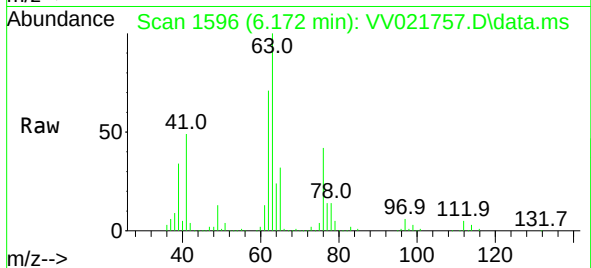


#37

1,2-Dichloropropane
Concen: 52.608 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VV021757.D
Acq: 09 Aug 2021 10:39

Instrument :
MSVOA_V
ClientSampled :

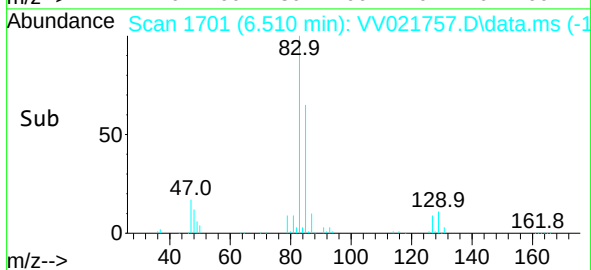
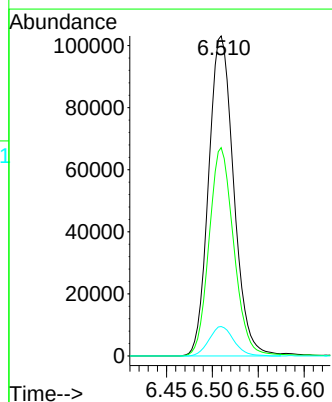
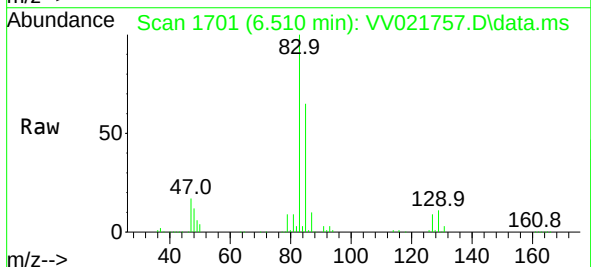
Tgt Ion: 63 Resp: 143189
Ion Ratio Lower Upper
63 100
112 5.0 3.8 5.8

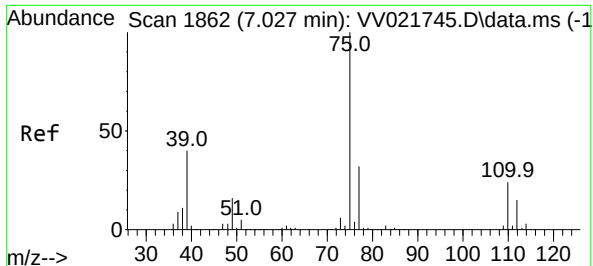


#38

Bromodichloromethane
Concen: 52.797 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VV021757.D
Acq: 09 Aug 2021 10:39

Tgt Ion: 83 Resp: 196217
Ion Ratio Lower Upper
83 100
85 65.1 45.8 85.2
127 9.2 7.1 10.7

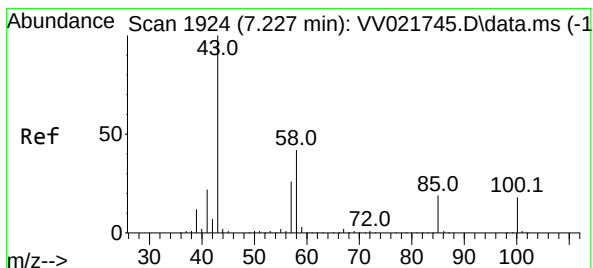
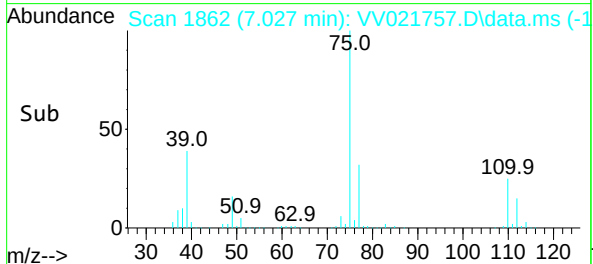
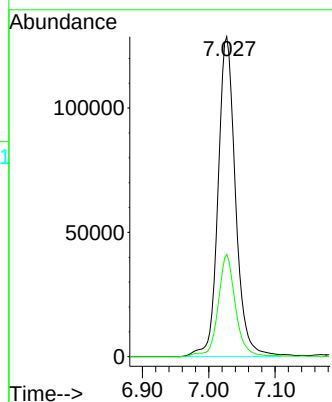
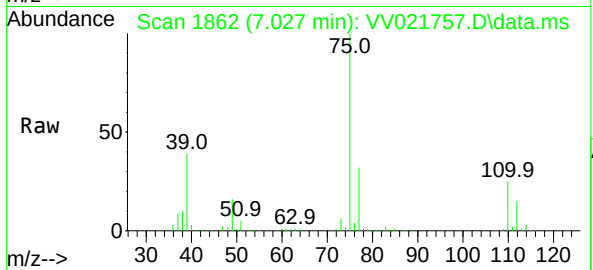




#39
 cis-1,3-Dichloropropene
 Concen: 54.716 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VV021757.D
 Acq: 09 Aug 2021 10:39

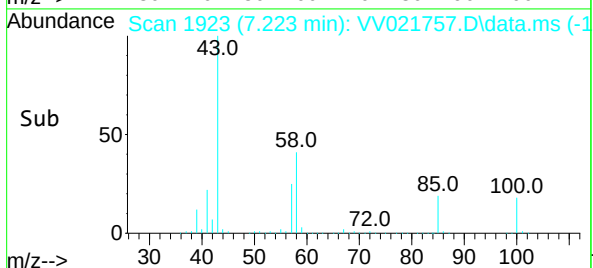
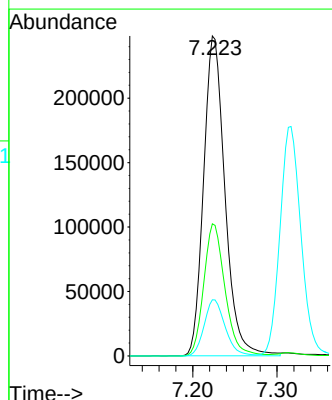
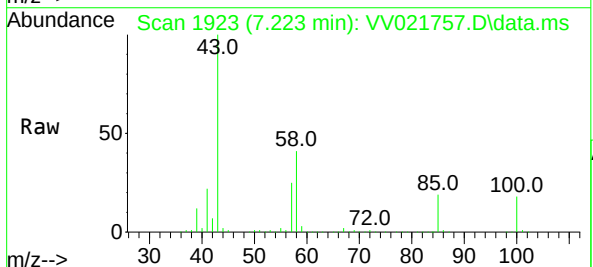
Instrument :
 MSVOA_V
 ClientSampled :

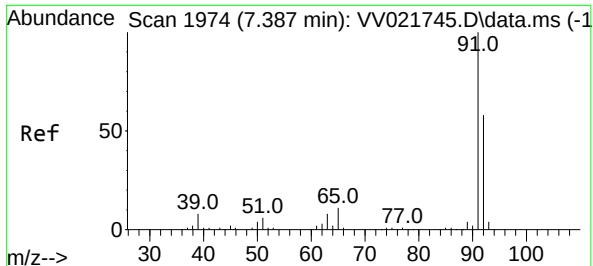
Tgt Ion: 75 Resp: 235984
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 110.581 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. -0.003 min
 Lab File: VV021757.D
 Acq: 09 Aug 2021 10:39

Tgt Ion: 43 Resp: 438465
 Ion Ratio Lower Upper
 43 100
 58 40.9 32.9 49.3
 100 17.3 13.8 20.8





#42

Toluene

Concen: 52.907 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV021757.D

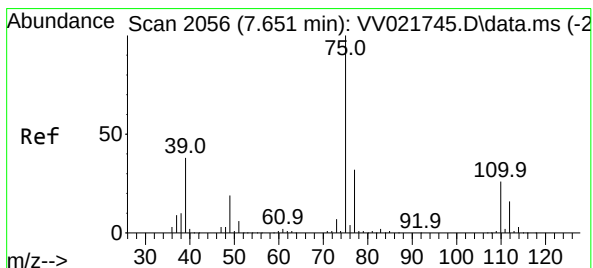
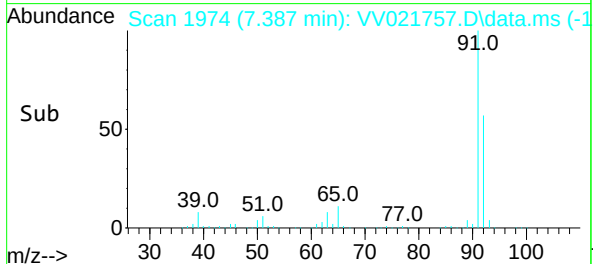
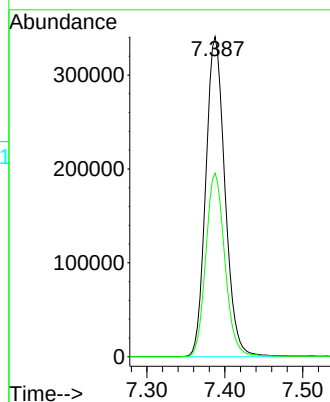
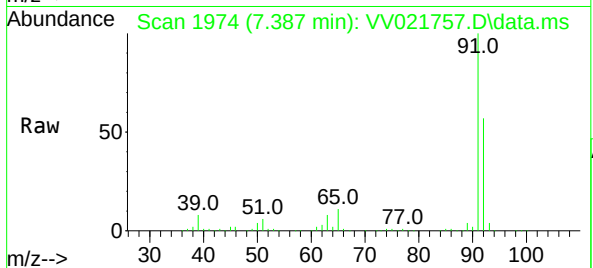
Acq: 09 Aug 2021 10:39

Tgt Ion: 91 Resp: 582714

Ion Ratio Lower Upper

91 100

92 57.3 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 54.079 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV021757.D

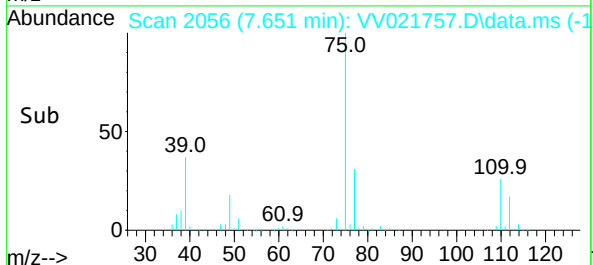
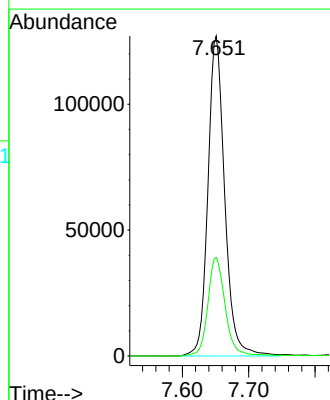
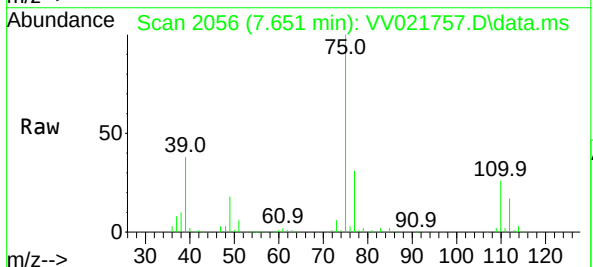
Acq: 09 Aug 2021 10:39

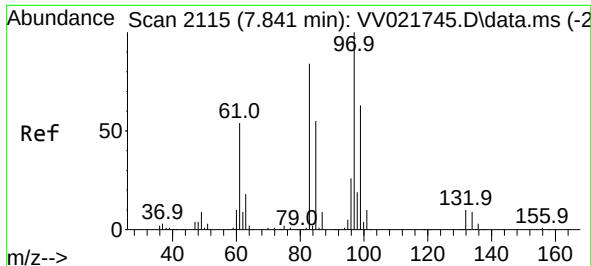
Tgt Ion: 75 Resp: 223572

Ion Ratio Lower Upper

75 100

77 30.8 22.3 41.5

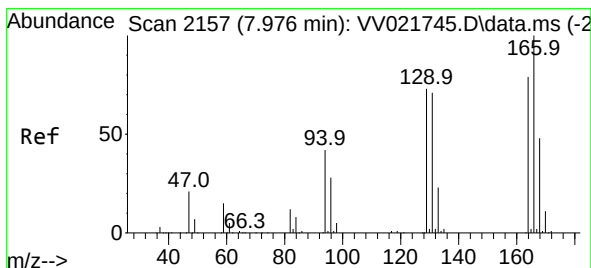
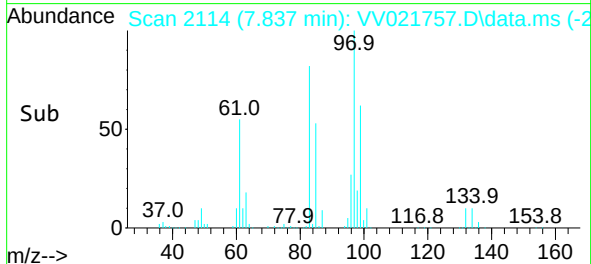
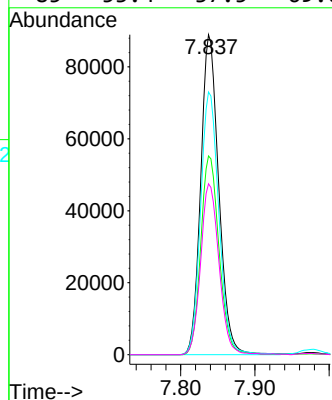
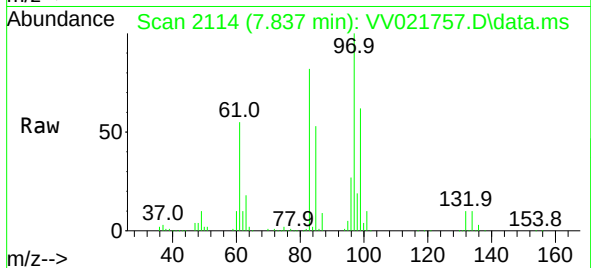




#45
1,1,2-Trichloroethane
Concen: 54.098 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV021757.D
Acq: 09 Aug 2021 10:39

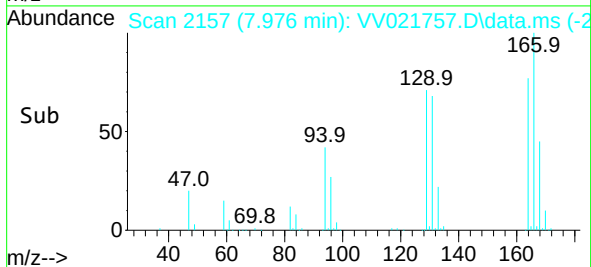
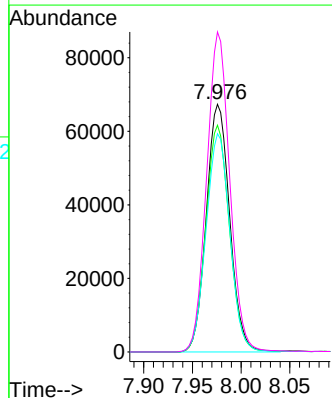
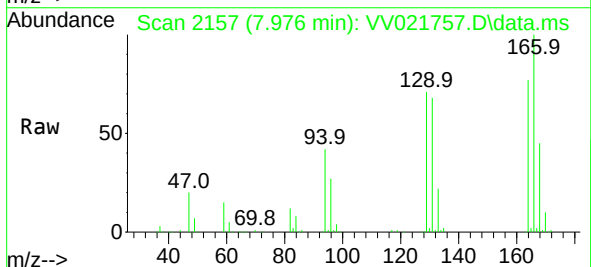
Instrument :
MSVOA_V
ClientSampleId :

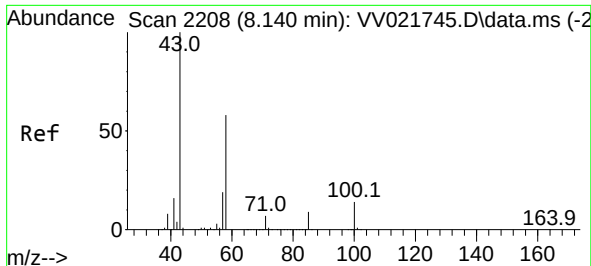
Tgt Ion:	97	Resp:	149947
Ion	Ratio	Lower	Upper
97	100		
99	62.1	43.8	81.3
83	82.1	59.3	110.1
85	53.4	37.5	69.6



#46
Tetrachloroethene
Concen: 52.707 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV021757.D
Acq: 09 Aug 2021 10:39

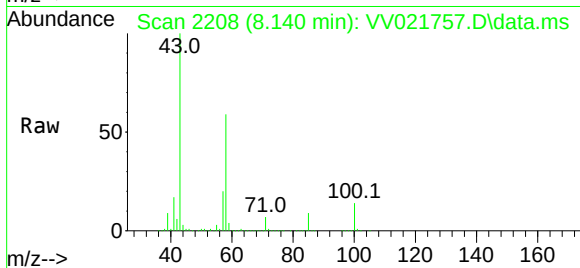
Tgt Ion:	164	Resp:	112734
Ion	Ratio	Lower	Upper
164	100		
129	91.5	64.3	119.5
131	88.1	65.2	121.0
166	129.2	91.4	169.8



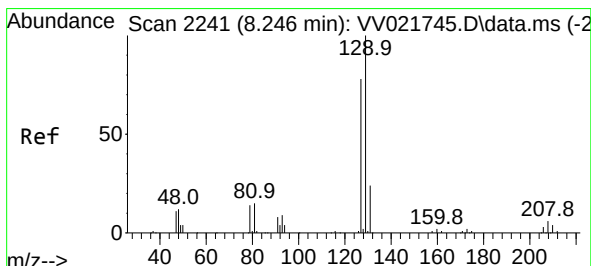
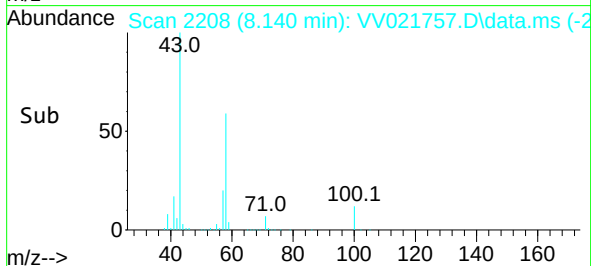
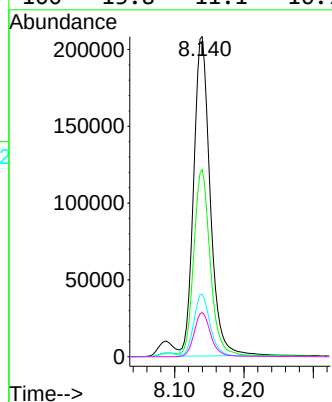


#48
2-Hexanone
Concen: 113.818 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV021757.D
Acq: 09 Aug 2021 10:39

Instrument :
MSVOA_V
ClientSampled :

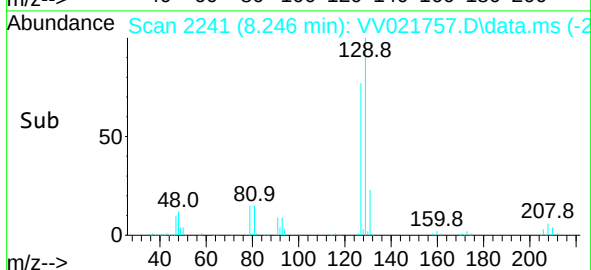
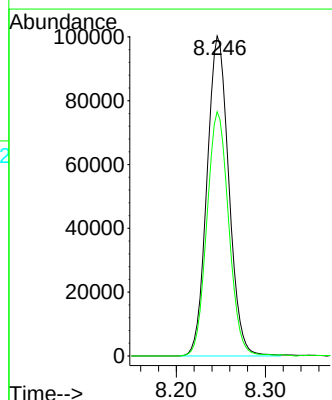
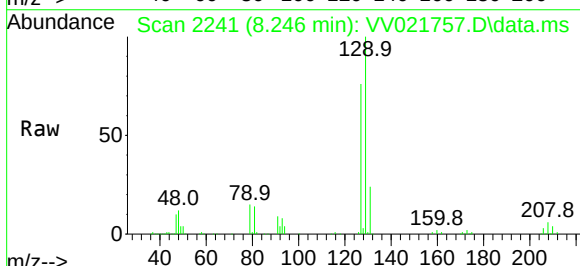


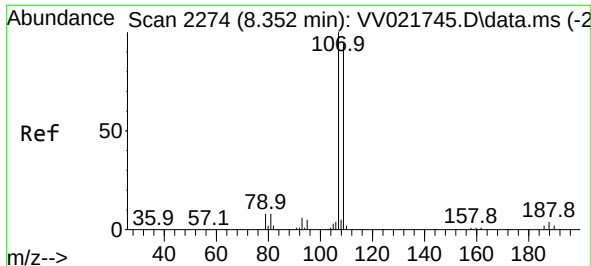
Tgt Ion:	43	58	57	100	Resp:	345901
Ion Ratio	100	58.3	19.9	13.8	Lower	Upper
		46.0	15.0	11.1		
		69.0	22.4	16.7		



#49
Dibromochloromethane
Concen: 54.110 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV021757.D
Acq: 09 Aug 2021 10:39

Tgt Ion:	129	127	Resp:	170826
Ion Ratio	100	76.3	Lower	Upper
		54.0		100.2





#50

1,2-Dibromoethane

Concen: 54.328 ug/L

RT: 8.352 min Scan# 2274

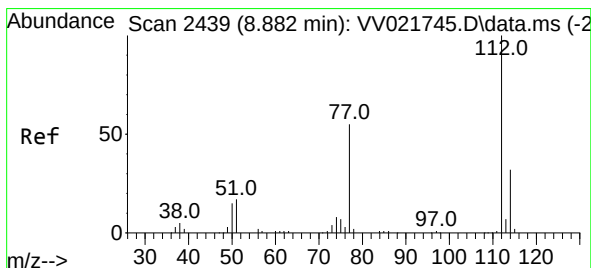
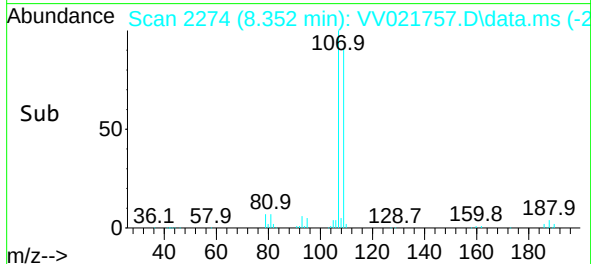
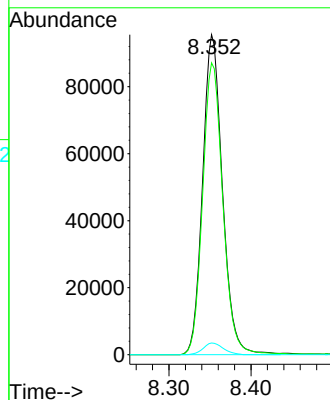
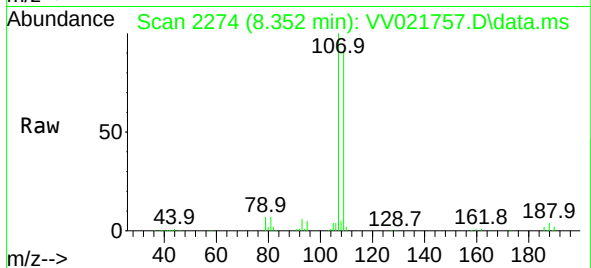
Delta R.T. 0.000 min

Lab File: VV021757.D

Acq: 09 Aug 2021 10:39

Tgt Ion:	107	Resp:	159999
Ion	Ratio	Lower	Upper
107	100		
109	91.2	66.2	123.0
188	3.7	3.1	4.7

Instrument :
MSVOA_V
ClientSampleId :



#51

Chlorobenzene

Concen: 52.866 ug/L

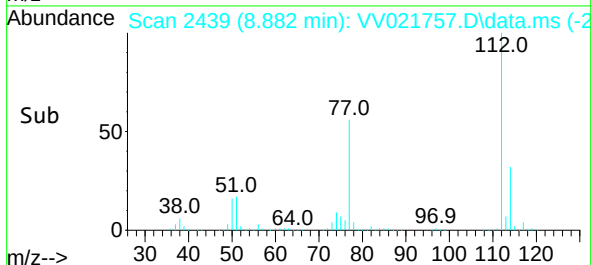
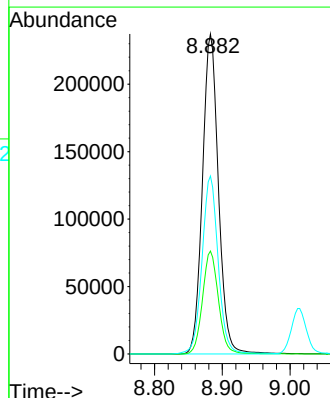
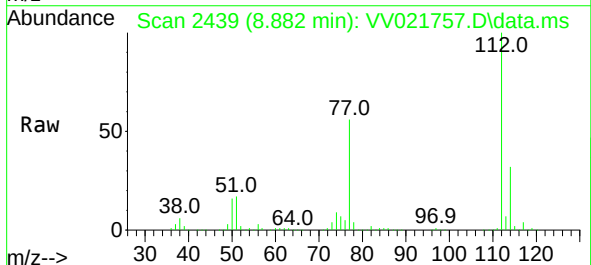
RT: 8.882 min Scan# 2439

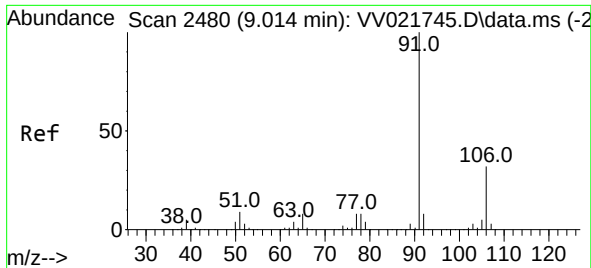
Delta R.T. 0.000 min

Lab File: VV021757.D

Acq: 09 Aug 2021 10:39

Tgt Ion:	112	Resp:	389054
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.6	42.0
77	55.6	45.0	67.4

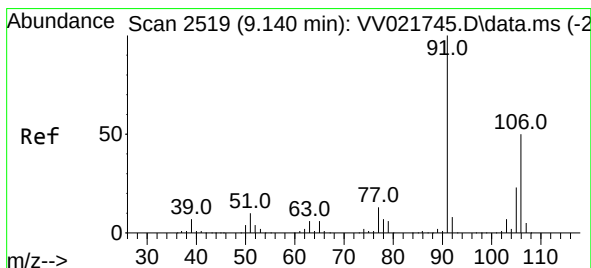
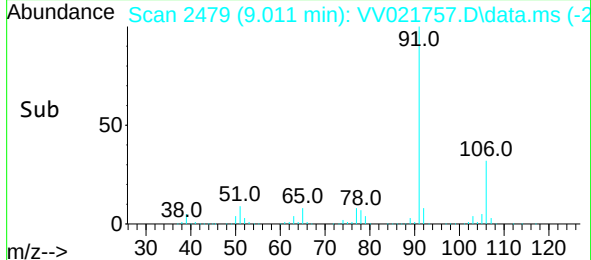
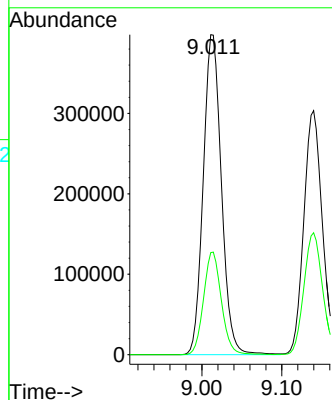
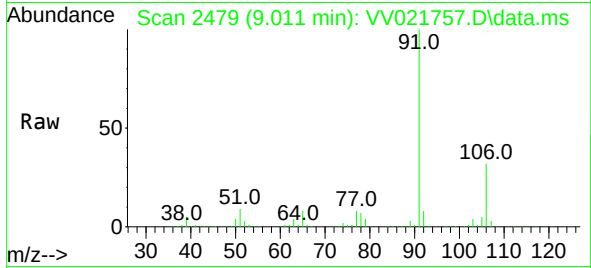




#52
Ethylbenzene
Concen: 52.648 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VV021757.D
Acq: 09 Aug 2021 10:39

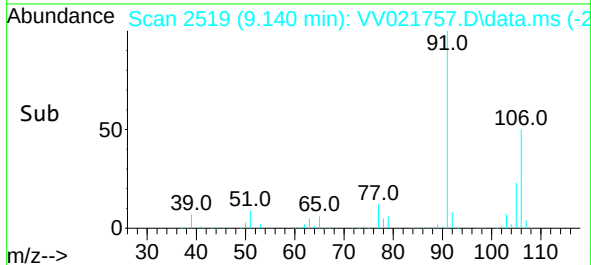
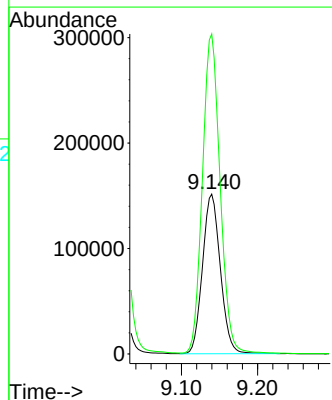
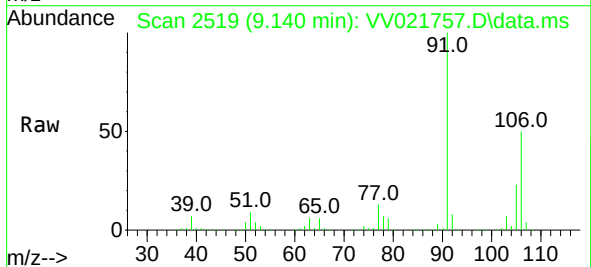
Instrument :
MSVOA_V
ClientSampled :

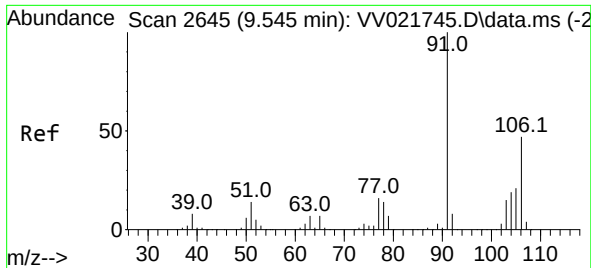
Tgt Ion: 91 Resp: 629571
Ion Ratio Lower Upper
91 100
106 31.9 22.0 40.8



#53
m,p-Xylene
Concen: 53.134 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV021757.D
Acq: 09 Aug 2021 10:39

Tgt Ion: 106 Resp: 246617
Ion Ratio Lower Upper
106 100
91 200.1 138.9 258.1

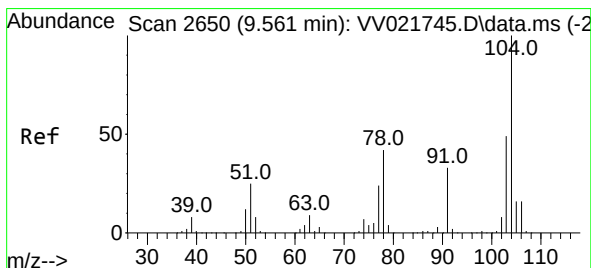
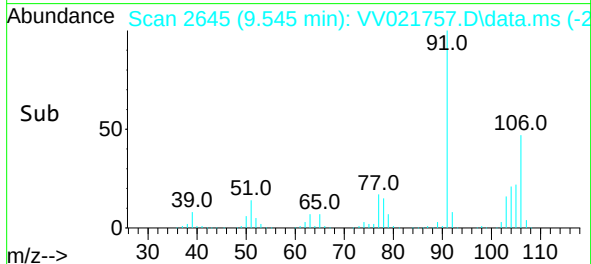
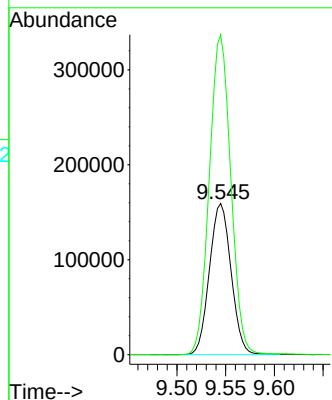
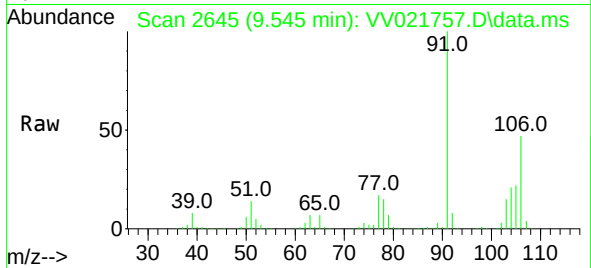




#54
o-Xylene
Concen: 52.703 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021757.D
Acq: 09 Aug 2021 10:39

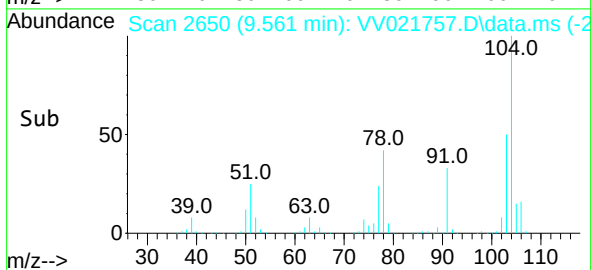
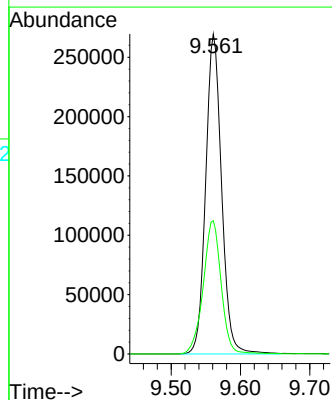
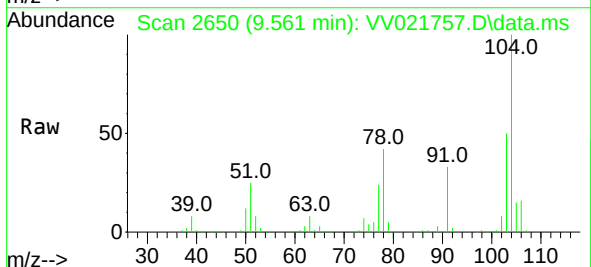
Instrument :
MSVOA_V
ClientSampled :

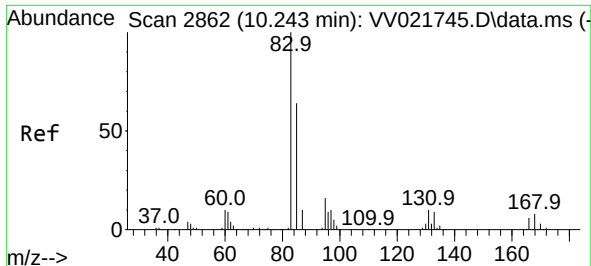
Tgt Ion:106 Resp: 246156
Ion Ratio Lower Upper
106 100
91 211.6 147.4 273.8



#55
Styrene
Concen: 54.818 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV021757.D
Acq: 09 Aug 2021 10:39

Tgt Ion:104 Resp: 428963
Ion Ratio Lower Upper
104 100
78 41.7 30.0 55.8

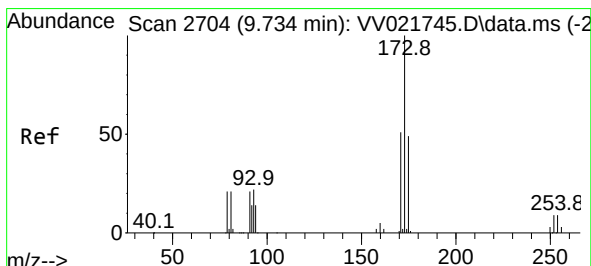
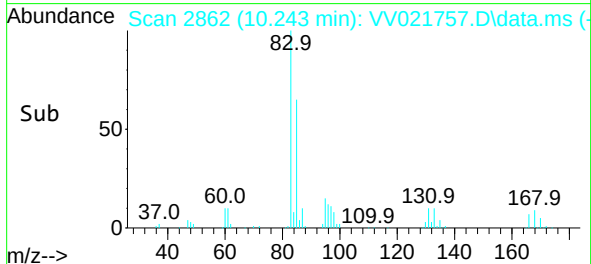
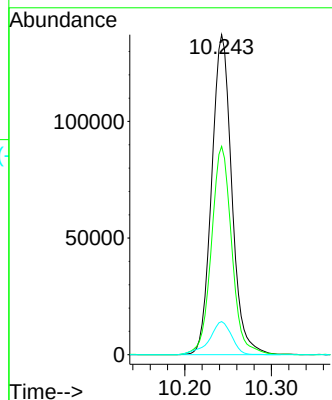
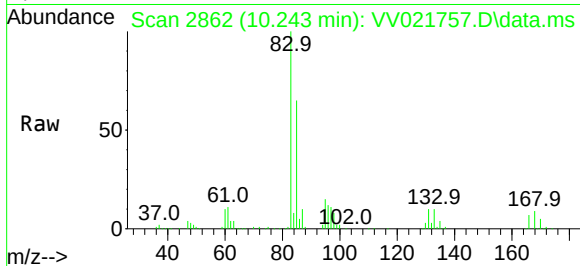




#57
 1,1,2,2-Tetrachloroethane
 Concen: 53.479 ug/L
 RT: 10.243 min Scan# 2862
 Delta R.T. 0.000 min
 Lab File: VV021757.D
 Acq: 09 Aug 2021 10:39

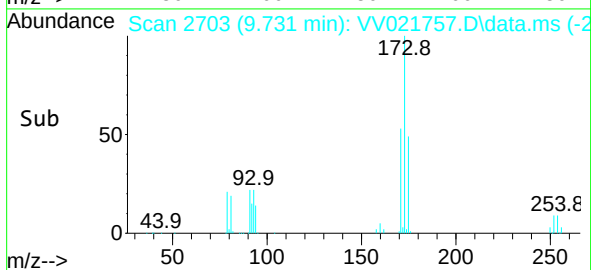
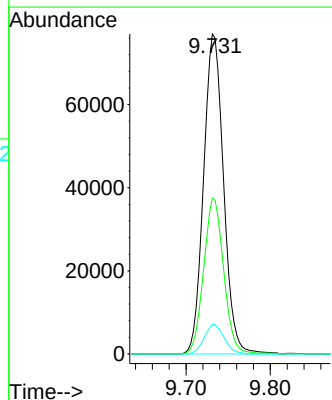
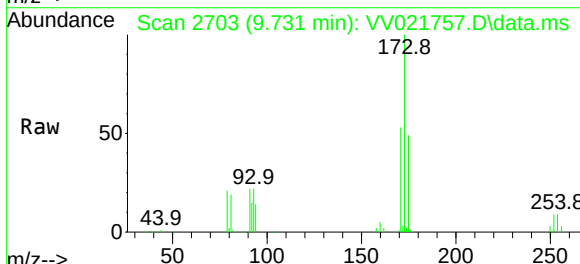
Instrument :
 MSVOA_V
 ClientSampled :

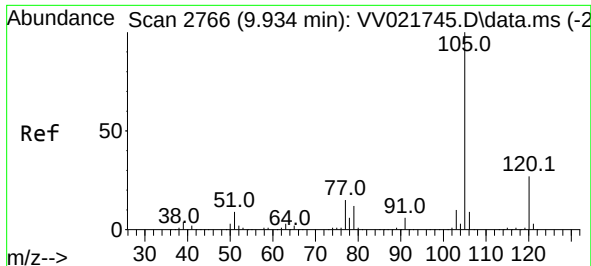
Tgt Ion:	83	Resp:	221261
Ion	Ratio	Lower	Upper
83	100		
85	65.1	46.0	85.4
131	10.4	8.1	12.1



#59
 Bromoform
 Concen: 54.613 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. -0.003 min
 Lab File: VV021757.D
 Acq: 09 Aug 2021 10:39

Tgt Ion:	173	Resp:	127286
Ion	Ratio	Lower	Upper
173	100		
175	48.6	39.0	58.4
254	9.2	7.2	10.8

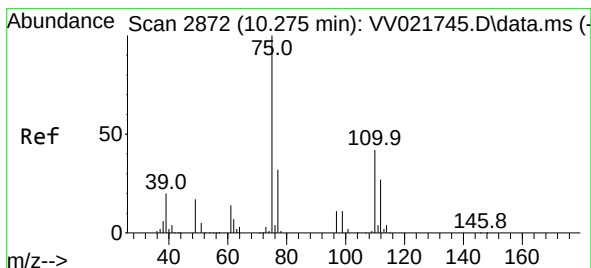
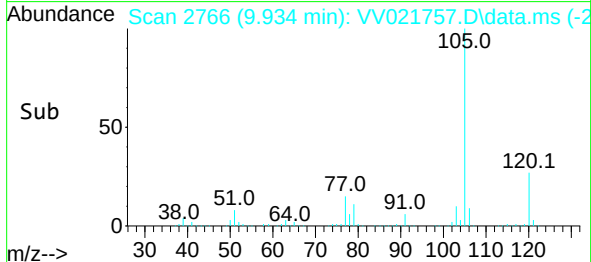
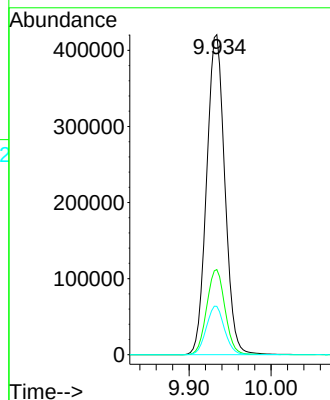
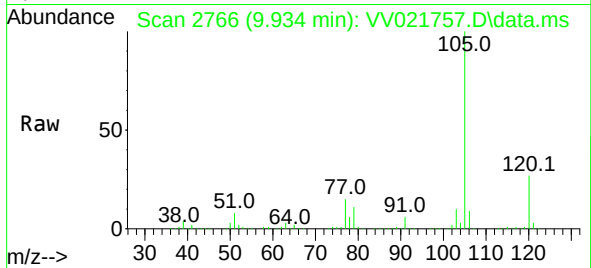




#60
Isopropylbenzene
Concen: 52.041 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV021757.D
Acq: 09 Aug 2021 10:39

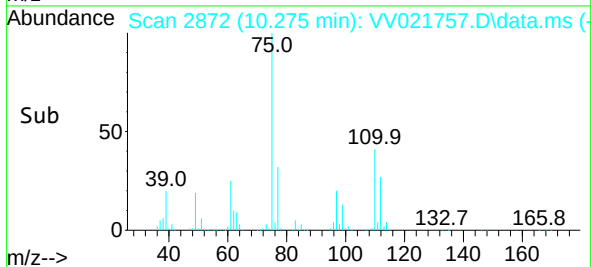
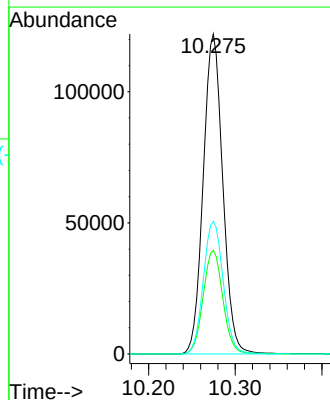
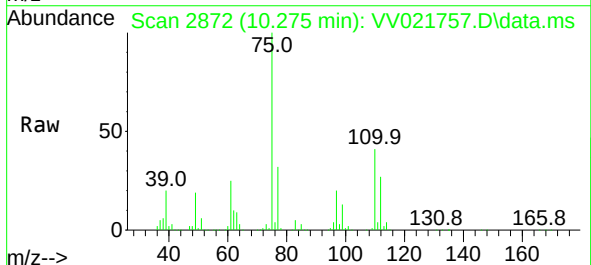
Instrument :
MSVOA_V
ClientSampled :

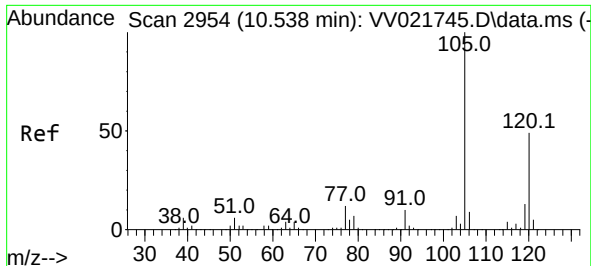
Tgt Ion:105 Resp: 647918
Ion Ratio Lower Upper
105 100
120 26.9 21.5 32.3
77 15.3 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 53.340 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV021757.D
Acq: 09 Aug 2021 10:39

Tgt Ion: 75 Resp: 191062
Ion Ratio Lower Upper
75 100
77 32.6 25.7 38.5
110 42.3 33.8 50.6

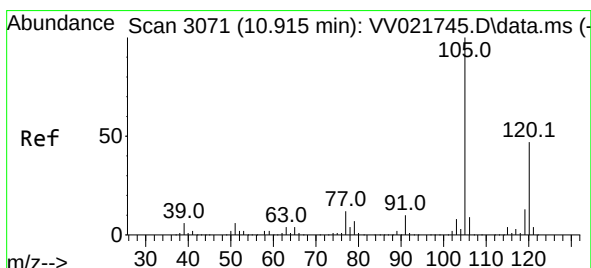
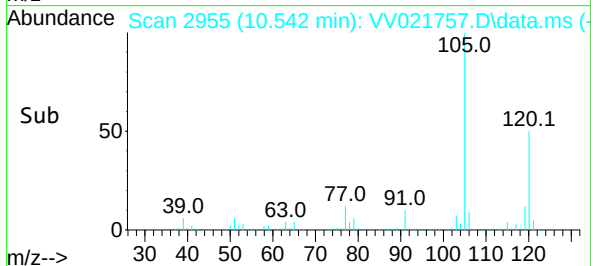
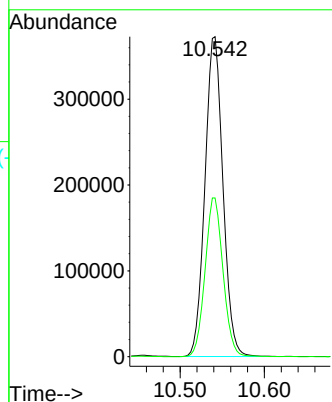
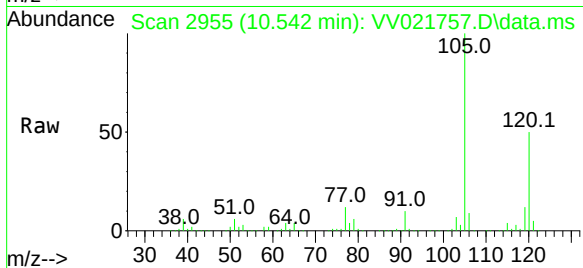




#62
1,3,5-Trimethylbenzene
Concen: 52.632 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV021757.D
Acq: 09 Aug 2021 10:39

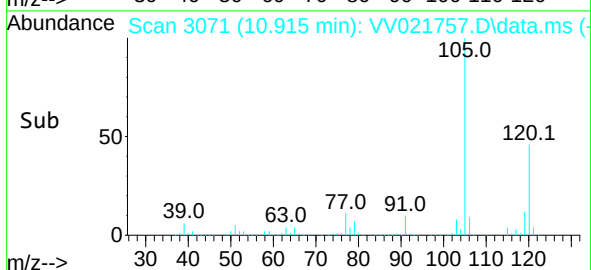
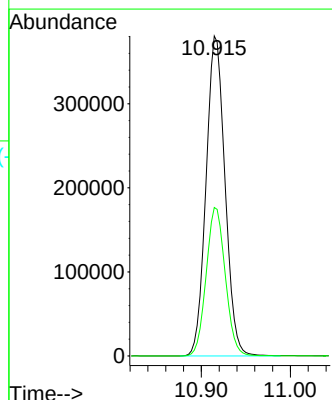
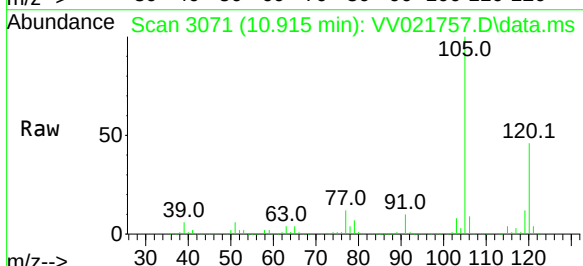
Instrument :
MSVOA_V
ClientSampled :

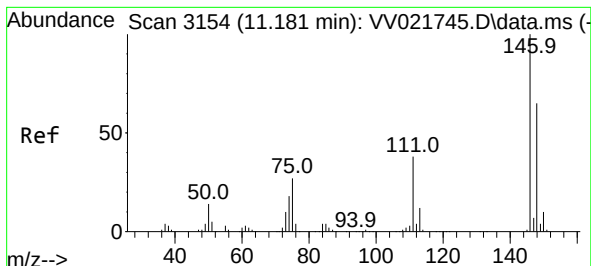
Tgt Ion:105 Resp: 554814
Ion Ratio Lower Upper
105 100
120 49.7 39.8 59.6



#63
1,2,4-Trimethylbenzene
Concen: 52.373 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021757.D
Acq: 09 Aug 2021 10:39

Tgt Ion:105 Resp: 561862
Ion Ratio Lower Upper
105 100
120 46.8 37.0 55.6





#64

1,3-Dichlorobenzene

Concen: 52.773 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.000 min

Lab File: VV021757.D

Acq: 09 Aug 2021 10:39

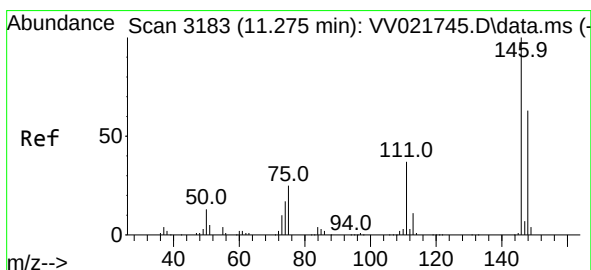
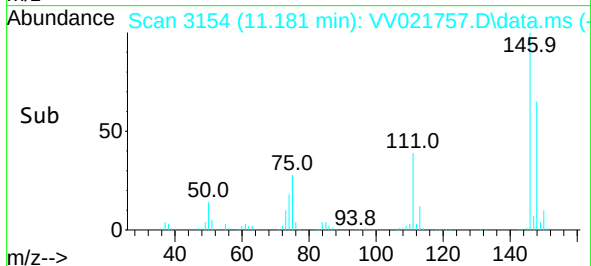
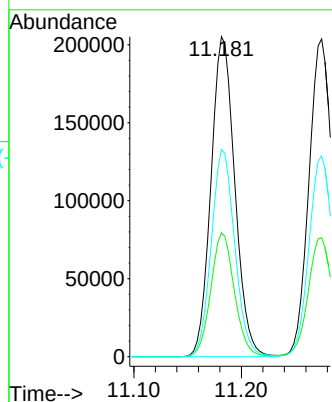
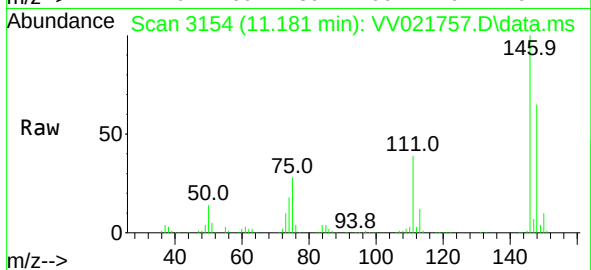
Tgt Ion:146 Resp: 316603

Ion Ratio Lower Upper

146 100

111 38.7 27.3 50.7

148 64.8 44.4 82.5



#65

1,4-Dichlorobenzene

Concen: 52.714 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.000 min

Lab File: VV021757.D

Acq: 09 Aug 2021 10:39

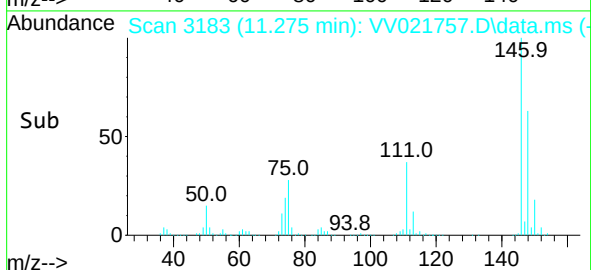
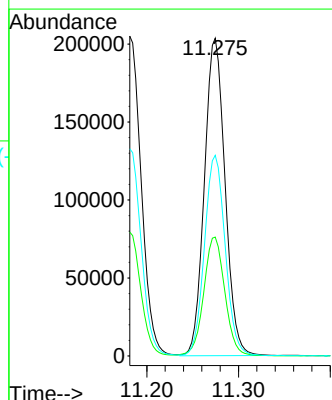
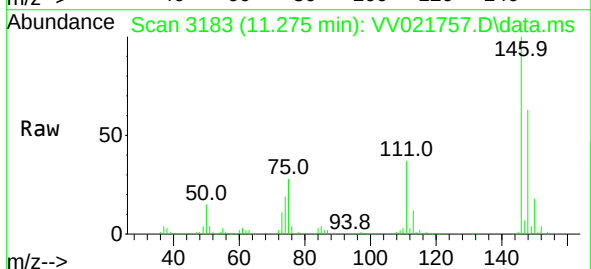
Tgt Ion:146 Resp: 318237

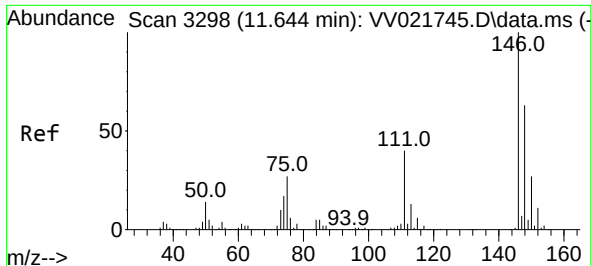
Ion Ratio Lower Upper

146 100

111 37.4 25.6 47.4

148 63.2 44.7 82.9

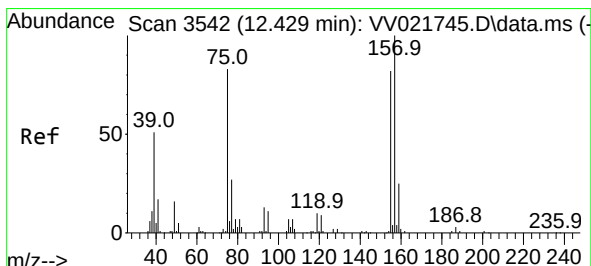
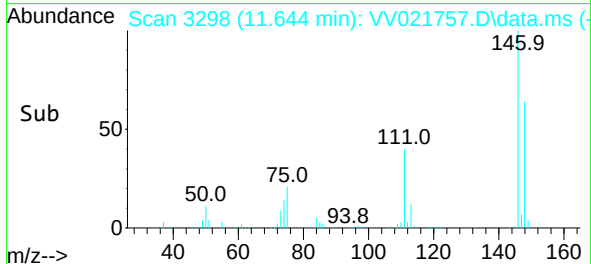
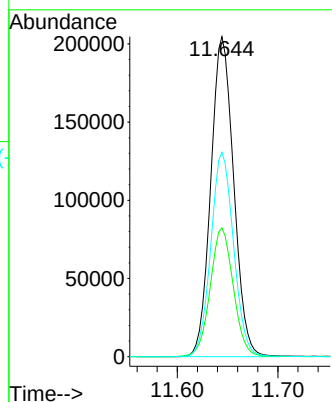
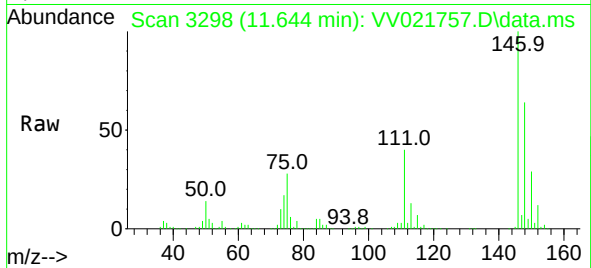




#67
1,2-Dichlorobenzene
Concen: 52.820 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021757.D
Acq: 09 Aug 2021 10:39

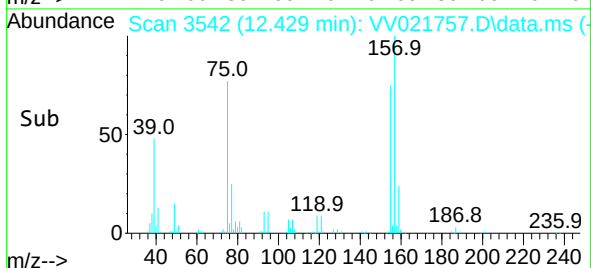
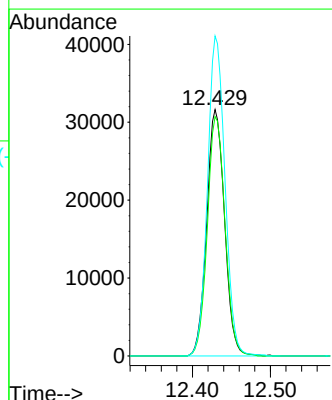
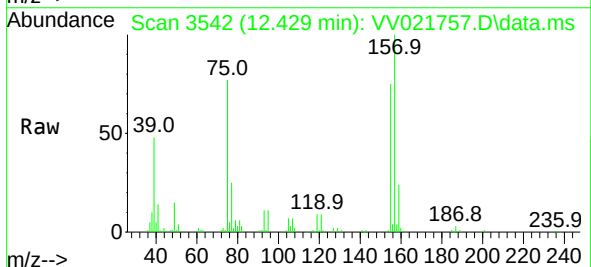
Instrument :
MSVOA_V
ClientSampleId :

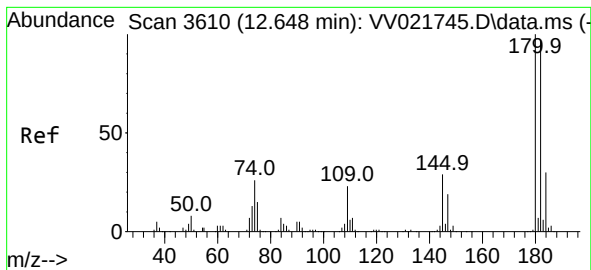
Tgt Ion:146 Resp: 323693
Ion Ratio Lower Upper
146 100
111 40.3 32.5 48.7
148 63.9 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 53.477 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021757.D
Acq: 09 Aug 2021 10:39

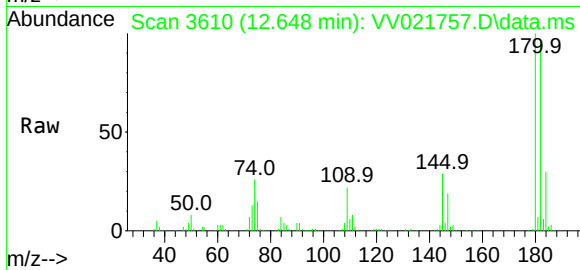
Tgt Ion: 75 Resp: 50426
Ion Ratio Lower Upper
75 100
155 97.1 77.7 116.5
157 129.9 102.6 154.0





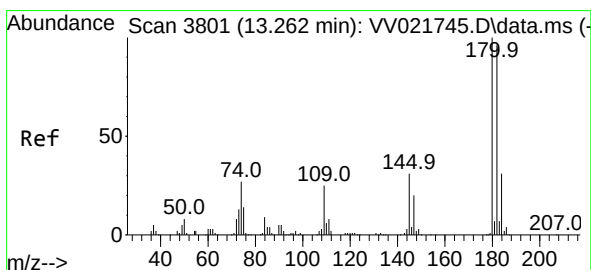
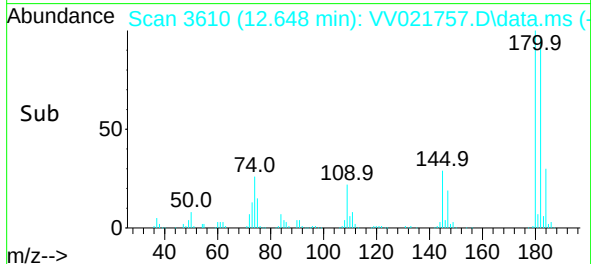
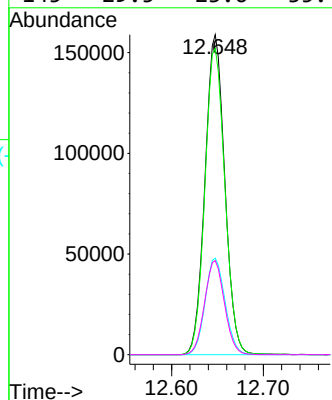
#69
 1,3,5-Trichlorobenzene
 Concen: 53.437 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. 0.000 min
 Lab File: VV021757.D
 Acq: 09 Aug 2021 10:39

Instrument :
 MSVOA_V
 ClientSampleId :

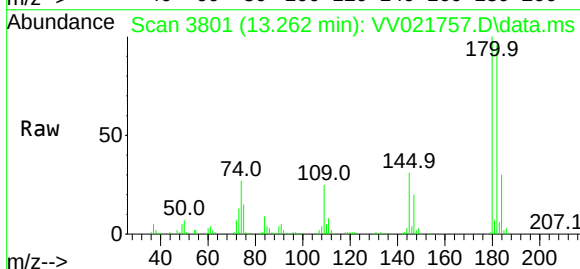


Tgt Ion:180 Resp: 238561

Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.1	115.7
184	30.5	24.6	36.8
145	29.5	23.6	35.4

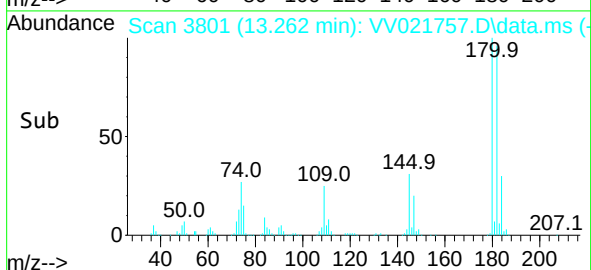
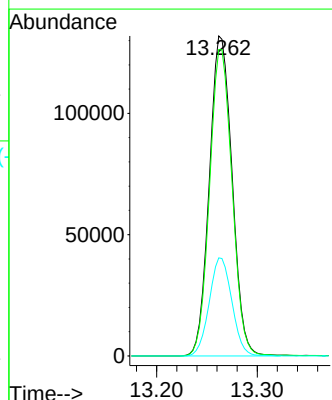


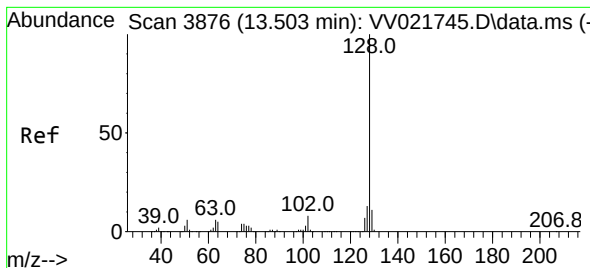
#70
 1,2,4-trichlorobenzene
 Concen: 55.100 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV021757.D
 Acq: 09 Aug 2021 10:39



Tgt Ion:180 Resp: 207383

Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.3	114.5
145	30.5	24.1	36.1

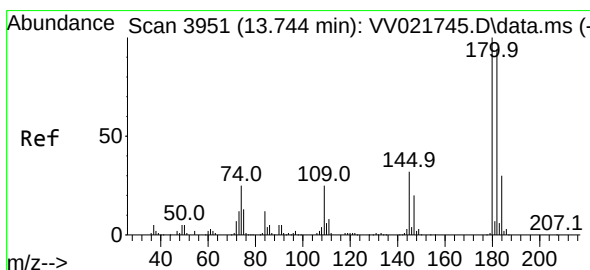
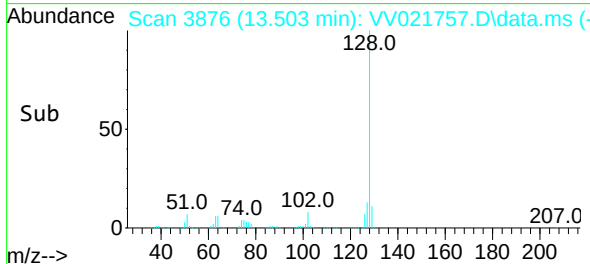
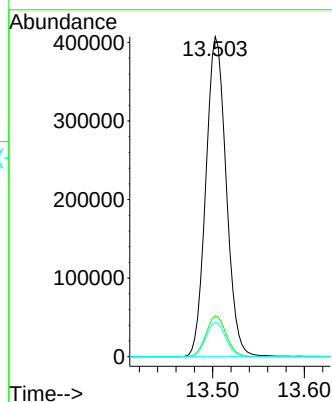
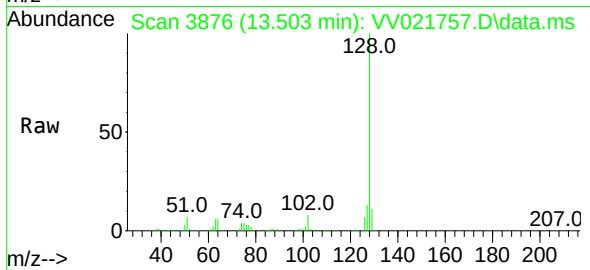




#71
Naphthalene
Concen: 57.561 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021757.D
Acq: 09 Aug 2021 10:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 627187
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.7 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 56.565 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV021757.D
Acq: 09 Aug 2021 10:39

Tgt Ion:180 Resp: 211538
Ion Ratio Lower Upper
180 100
182 95.1 76.8 115.2
145 31.9 25.5 38.3

