

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081121\
 Data File : VW021765.D
 Acq On : 11 Aug 2021 10:08
 Operator : SY/MD
 Sample : VSTD00119
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 12 02:43:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 12 02:40:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	201621	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	190108	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	97728	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	8034	0.990	ug/L	0.00
7) Chloroethane-d5	1.565	69	9451	1.181	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	17839	1.139	ug/L	0.00
20) 2-Butanone-d5	3.941	46	30353	10.234	ug/L	0.02
24) Chloroform-d	4.352	84	25017	1.092	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.043	65	11454	1.090	ug/L	0.00
32) Benzene-d6	5.056	84	47601	1.074	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	15890	1.105	ug/L	0.00
41) Toluene-d8	7.320	98	43390	1.066	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.635	79	4506	0.792	ug/L	0.00
46) 2-Hexanone-d5	8.098	63	21407	7.884	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	10163	0.897	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.628	152	17350	1.068	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	13759	1.034	ug/L	96
3) Chloromethane	1.240	50	12263	1.055	ug/L	99
5) Vinyl chloride	1.307	62	12771	1.058	ug/L	98
6) Bromomethane	1.519	94	7883	1.001	ug/L	97
8) Chloroethane	1.581	64	7912	1.080	ug/L	95
9) Trichlorofluoromethane	1.751	101	17735	0.957	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	9576	0.948	ug/L	98
12) 1,1-Dichloroethene	2.114	96	9063	0.956	ug/L	96
13) Acetone	2.211	43	15563	8.920	ug/L	87
14) Carbon disulfide	2.288	76	25876	0.823	ug/L	100
15) Methyl Acetate	2.449	43	3347	0.805	ug/L #	72
16) Methylene chloride	2.503	84	18775	1.175	ug/L	99
17) Methyl tert-butyl Ether	2.773	73	28284	1.005	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	11594	0.966	ug/L	96
19) 1,1-Dichloroethane	3.191	63	21421	1.000	ug/L	99
21) 2-Butanone	4.015	43	23613	8.156	ug/L #	51
22) cis-1,2-Dichloroethene	3.921	96	13065	0.995	ug/L	89
23) Bromochloromethane	4.259	128	5936	1.003	ug/L	92
25) Chloroform	4.378	83	23147	1.048	ug/L	95
27) 1,2-Dichloroethane	5.140	62	12690	1.063	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	19364	0.947	ug/L	98
30) Cyclohexane	4.677	56	17039	0.857	ug/L	98
31) Carbon tetrachloride	4.831	117	15937	0.863	ug/L	99
33) Benzene	5.105	78	45930	0.956	ug/L	100
34) Trichloroethene	5.921	95	13541	1.024	ug/L	96
35) Methylcyclohexane	6.130	83	18654	0.876	ug/L	98
37) 1,2-Dichloropropane	6.182	63	11170	0.931	ug/L #	96
38) Bromodichloromethane	6.516	83	15135	0.933	ug/L	96
39) cis-1,3-Dichloropropene	7.037	75	15444	0.816	ug/L	99
40) 4-Methyl-2-pentanone	7.233	43	75065	10.118	ug/L	98
42) Toluene	7.394	91	49139	0.930	ug/L	99
44) trans-1,3-Dichloropropene	7.661	75	13796	0.889	ug/L	94

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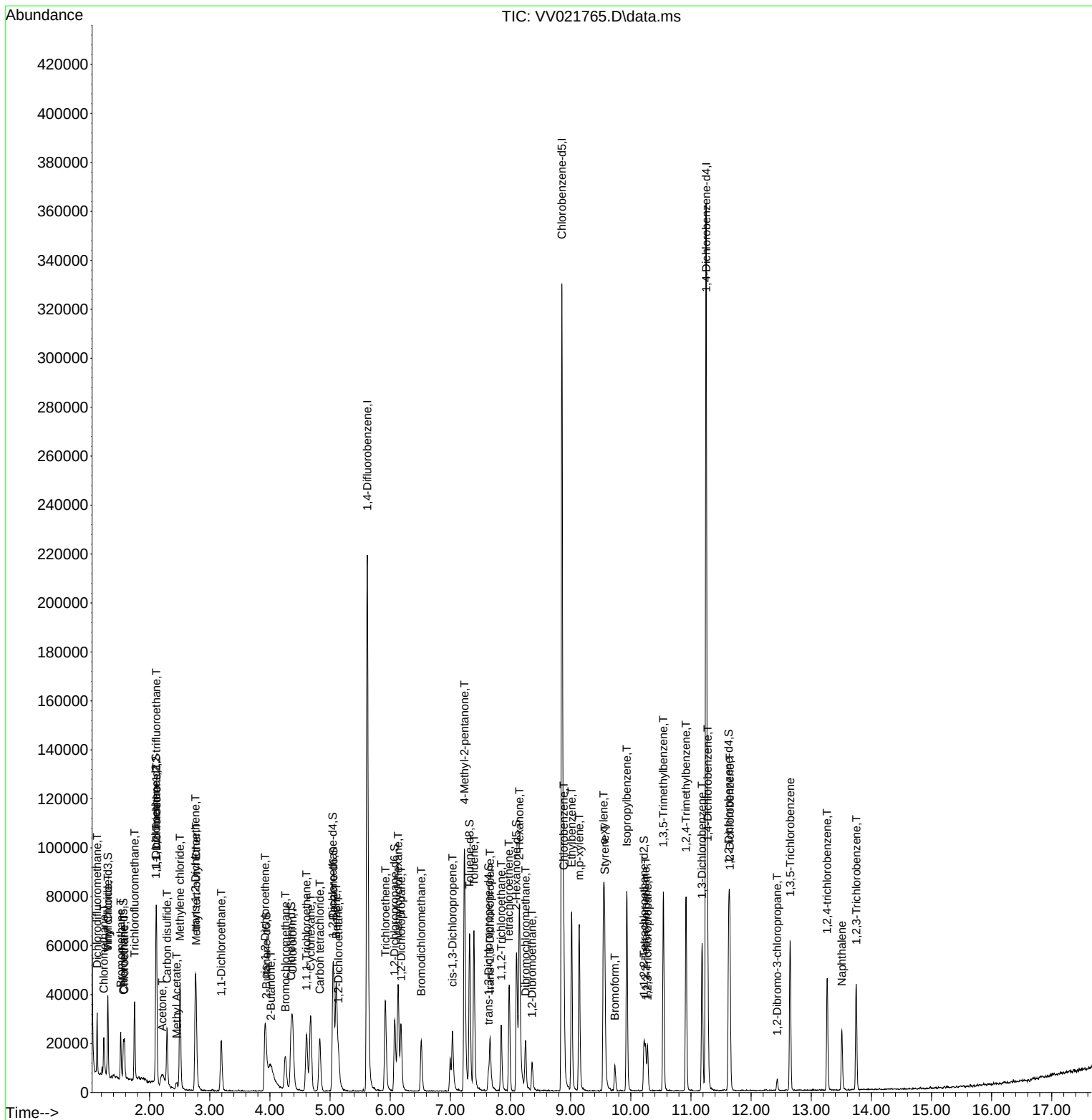
Quant Time: Aug 12 02:43:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 12 02:40:45 2021
 Response via : Initial Calibration

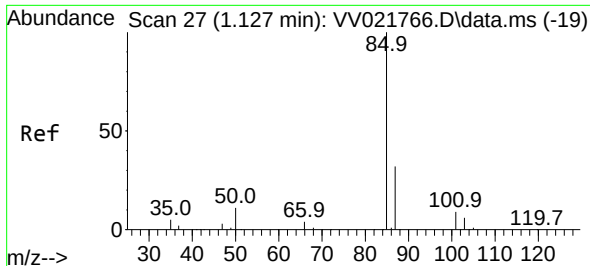
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.847	97	9017	1.008	ug/L	97
47) Tetrachloroethene	7.976	164	10116	0.860	ug/L	94
48) 2-Hexanone	8.146	43	51866	10.297	ug/L	98
49) Dibromochloromethane	8.249	129	10284	0.871	ug/L	99
50) 1,2-Dibromoethane	8.358	107	8167	0.957	ug/L	90
51) Chlorobenzene	8.886	112	33494	0.959	ug/L	97
52) Ethylbenzene	9.018	91	52677	0.897	ug/L	99
53) m,p-xylene	9.143	106	20614	0.909	ug/L	98
54) o-xylene	9.548	106	20186	0.909	ug/L	99
55) Styrene	9.567	104	32447	0.869	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	8378	0.817	ug/L #	98
59) Bromoform	9.735	173	5471	0.816	ug/L	96
60) Isopropylbenzene	9.934	105	53956	0.963	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	7593	1.096	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	44207	0.932	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	43774	0.900	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	26457	0.962	ug/L	96
65) 1,4-Dichlorobenzene	11.278	146	26592	0.966	ug/L	99
67) 1,2-Dichlorobenzene	11.648	146	25113	0.980	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.432	75	1256	0.783	ug/L	91
69) 1,3,5-Trichlorobenzene	12.651	180	19698	0.814	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	14351	0.719	ug/L	97
71) Naphthalene	13.509	128	20288	0.652	ug/L	100
72) 1,2,3-Trichlorobenzene	13.751	180	13341	0.750	ug/L	98

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

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Response via : Initial Calibration

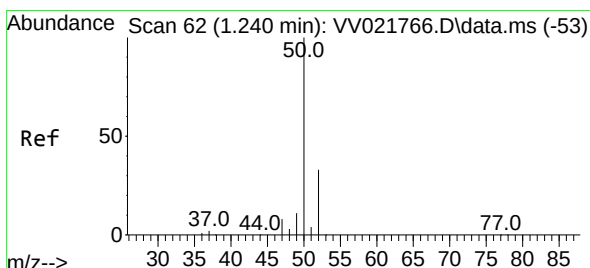
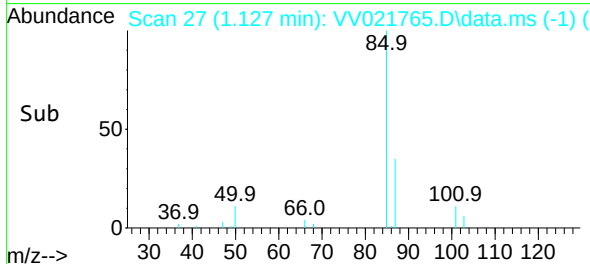
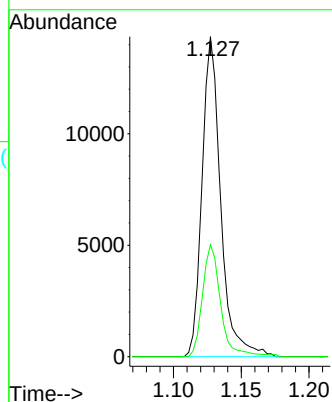
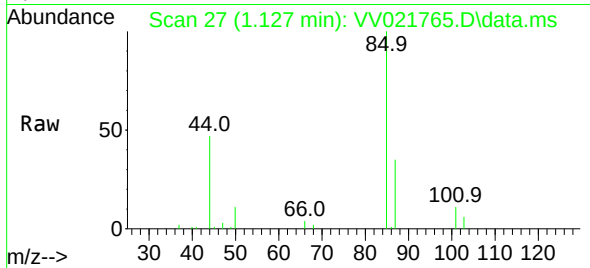




#2
 Dichlorodifluoromethane
 Concen: 1.034 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV021765.D
 Acq: 11 Aug 2021 10:08

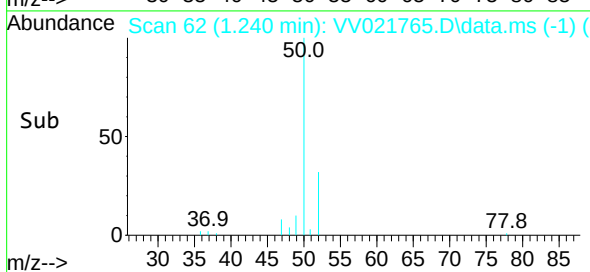
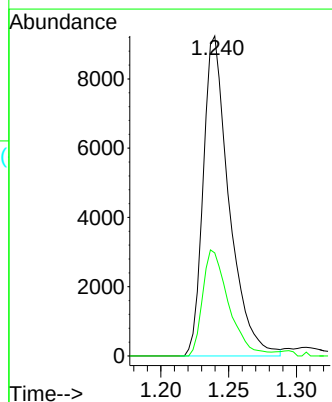
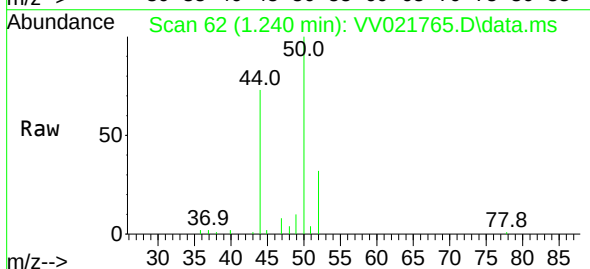
Instrument :
 MSVOA_V
 ClientSampled :

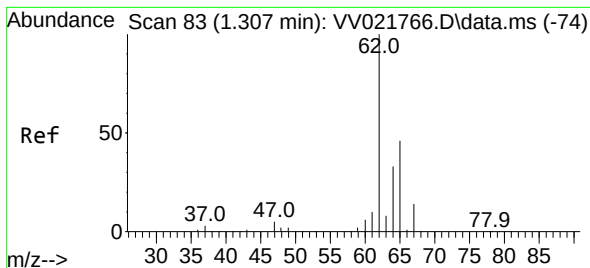
Tgt Ion: 85 Resp: 13759
 Ion Ratio Lower Upper
 85 100
 87 34.2 25.5 38.3



#3
 Chloromethane
 Concen: 1.055 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV021765.D
 Acq: 11 Aug 2021 10:08

Tgt Ion: 50 Resp: 12263
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.7 42.3

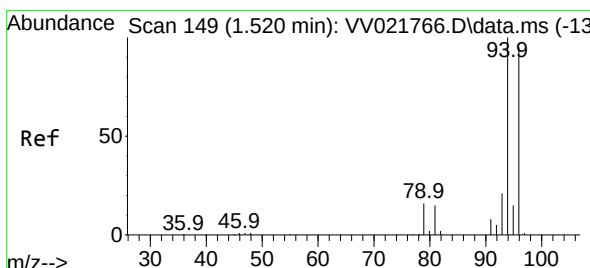
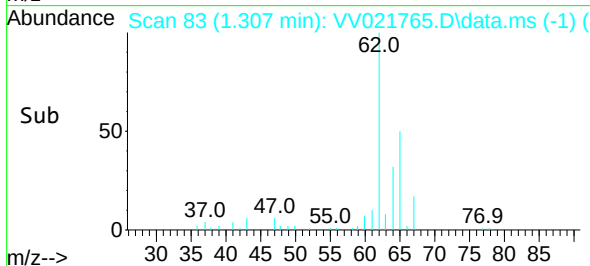
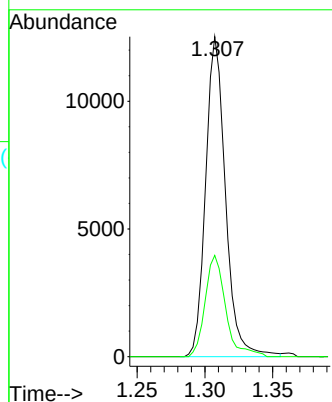
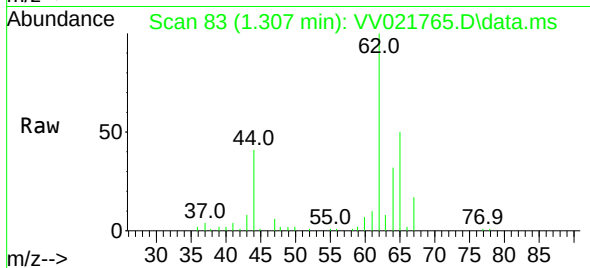




#5
 Vinyl chloride
 Concen: 1.058 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV021765.D
 Acq: 11 Aug 2021 10:08

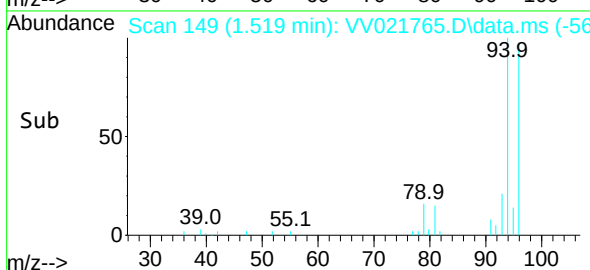
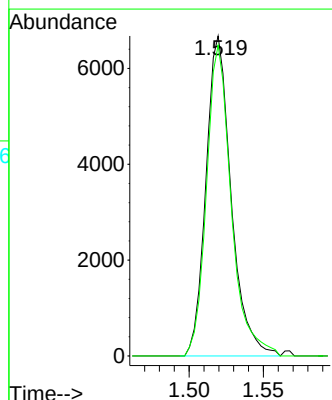
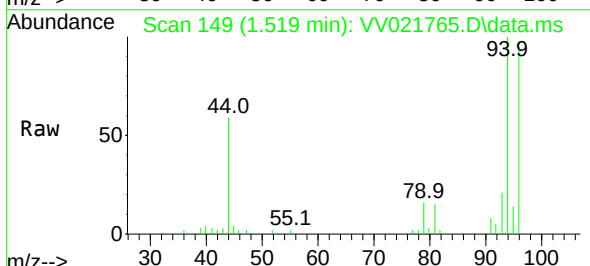
Instrument :
 MSVOA_V
 ClientSampled :

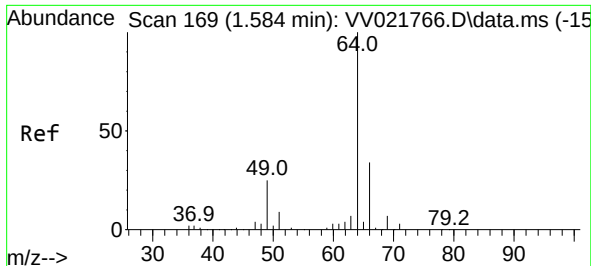
Tgt Ion: 62 Resp: 12771
 Ion Ratio Lower Upper
 62 100
 64 31.7 23.0 42.8



#6
 Bromomethane
 Concen: 1.001 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV021765.D
 Acq: 11 Aug 2021 10:08

Tgt Ion: 94 Resp: 7883
 Ion Ratio Lower Upper
 94 100
 96 97.1 66.2 123.0





#8

Chloroethane

Concen: 1.080 ug/L

RT: 1.581 min Scan# 168

Delta R.T. -0.003 min

Lab File: VV021765.D

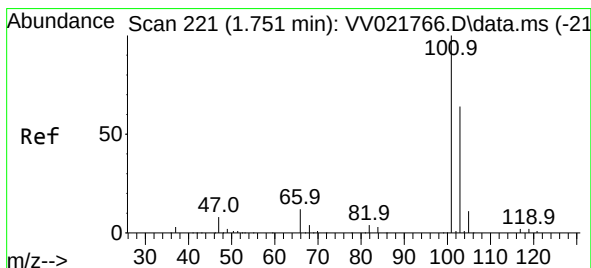
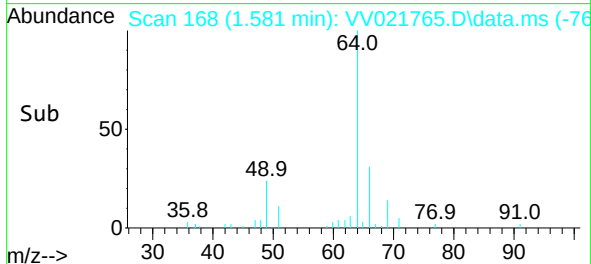
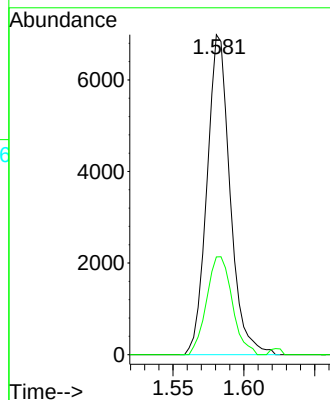
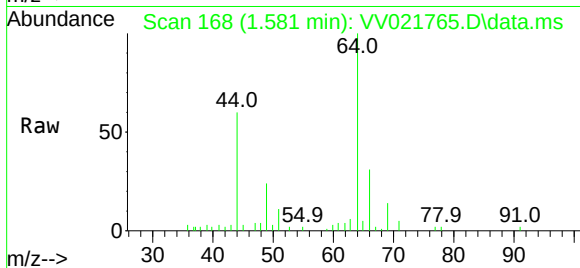
Acq: 11 Aug 2021 10:08

Tgt Ion: 64 Resp: 7912

Ion Ratio Lower Upper

64 100

66 30.6 23.5 43.7



#9

Trichlorofluoromethane

Concen: 0.957 ug/L

RT: 1.751 min Scan# 221

Delta R.T. -0.000 min

Lab File: VV021765.D

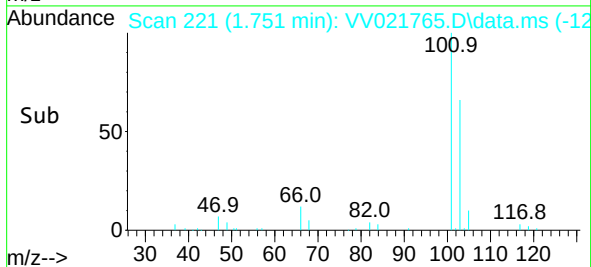
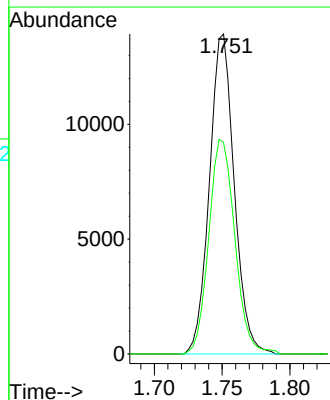
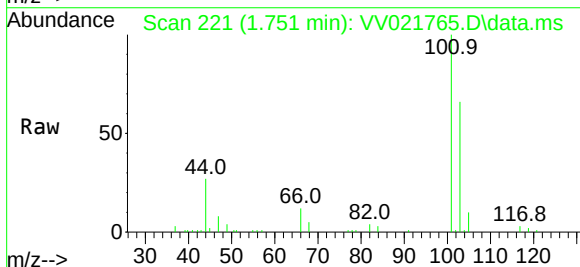
Acq: 11 Aug 2021 10:08

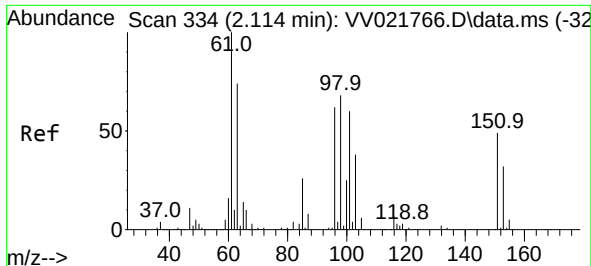
Tgt Ion: 101 Resp: 17735

Ion Ratio Lower Upper

101 100

103 70.6 51.0 76.6





#10

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

Concen: 0.948 ug/L

RT: 2.111 min Scan# 333

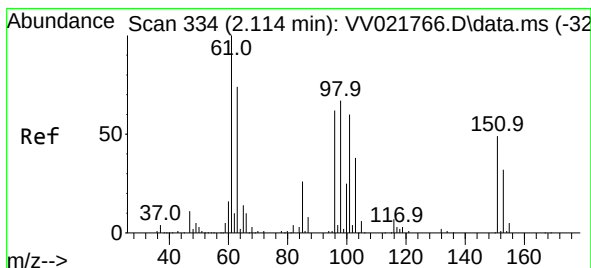
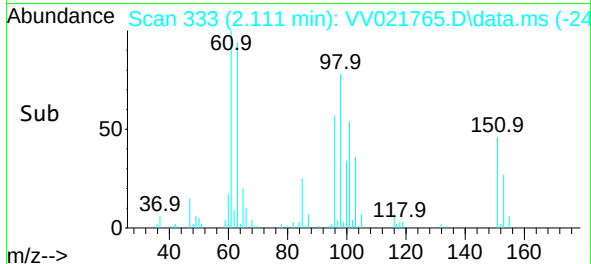
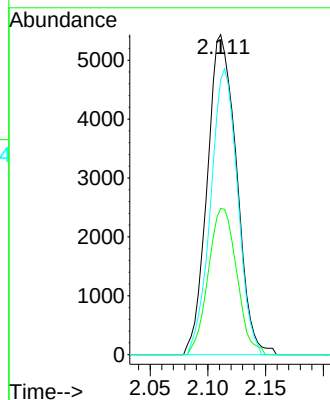
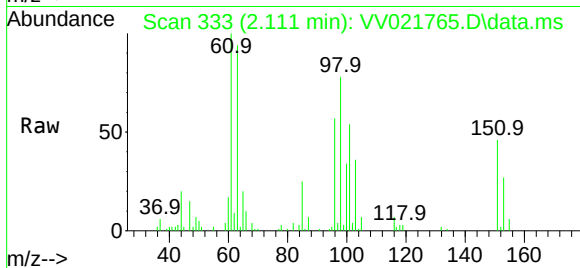
Delta R.T. -0.003 min

Lab File: VV021765.D

Acq: 11 Aug 2021 10:08

Tgt Ion:	101	Resp:	9576
Ion	Ratio	Lower	Upper
101	100		
85	44.4	34.3	51.5
151	82.1	64.5	96.7

Instrument :
MSVOA_V
ClientSampleId :



#12

1,1-Dichloroethene

Concen: 0.956 ug/L

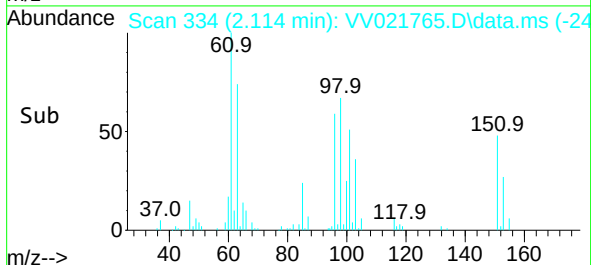
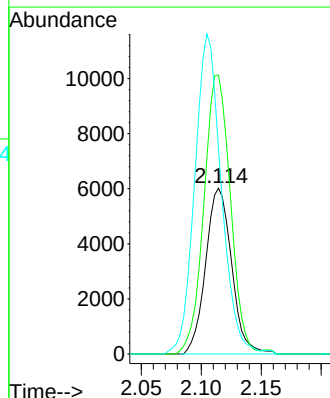
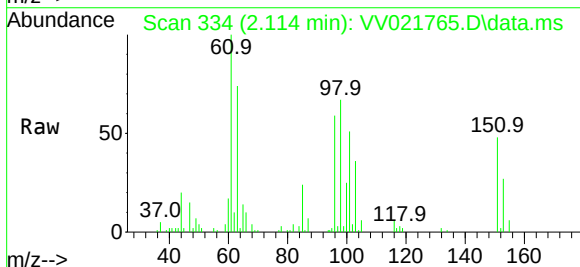
RT: 2.114 min Scan# 334

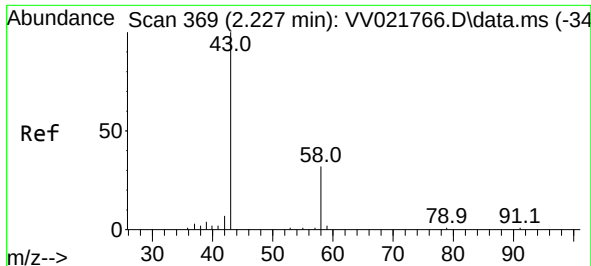
Delta R.T. -0.000 min

Lab File: VV021765.D

Acq: 11 Aug 2021 10:08

Tgt Ion:	96	Resp:	9063
Ion	Ratio	Lower	Upper
96	100		
61	168.2	113.3	210.3
63	124.1	84.1	156.1

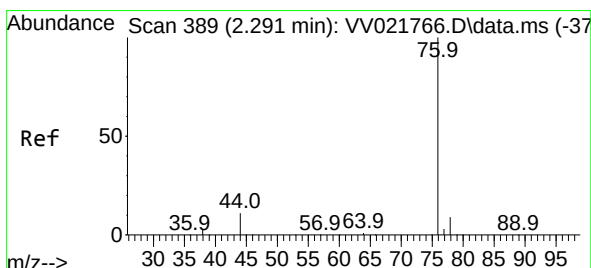
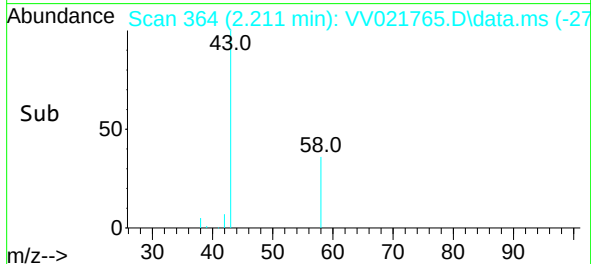
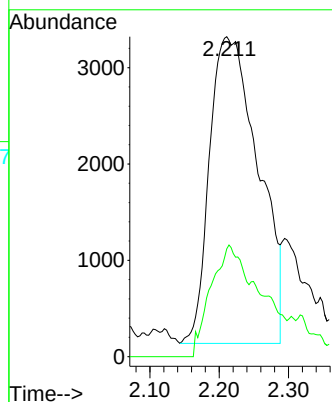
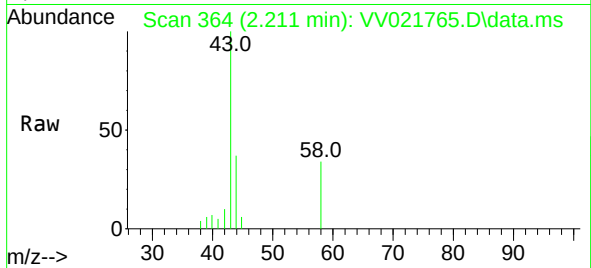




#13
Acetone
Concen: 8.920 ug/L
RT: 2.211 min Scan# 364
Delta R.T. -0.016 min
Lab File: VV021765.D
Acq: 11 Aug 2021 10:08

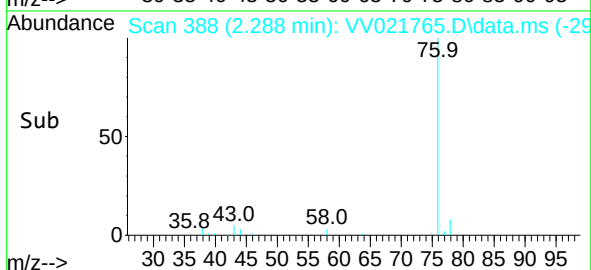
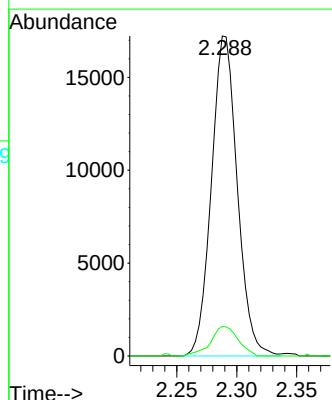
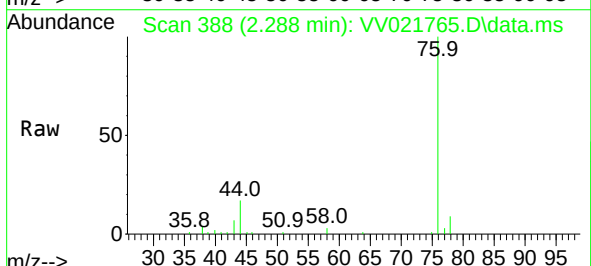
Instrument :
MSVOA_V
ClientSampled :

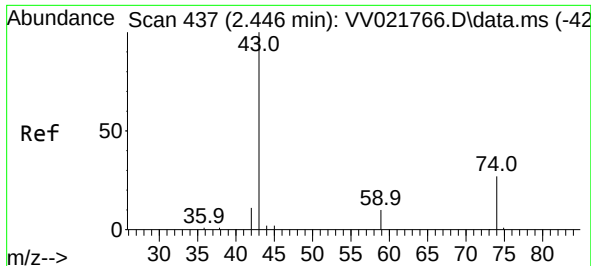
Tgt Ion: 43 Resp: 15563
Ion Ratio Lower Upper
43 100
58 24.7 0.0 64.2



#14
Carbon disulfide
Concen: 0.823 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.003 min
Lab File: VV021765.D
Acq: 11 Aug 2021 10:08

Tgt Ion: 76 Resp: 25876
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

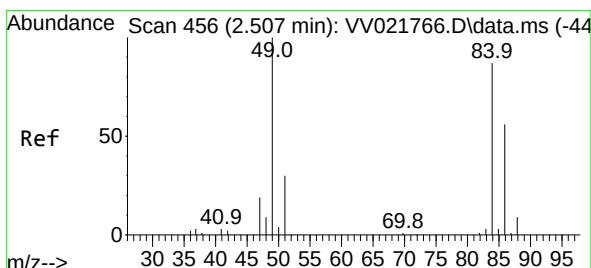
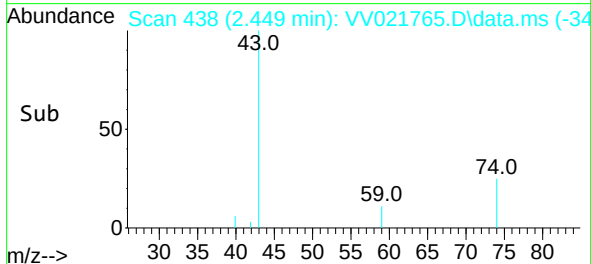
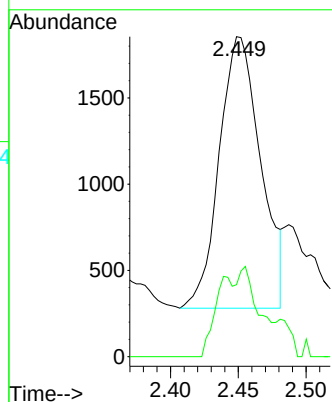
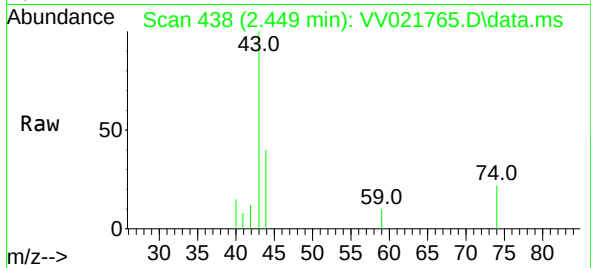




#15
Methyl Acetate
Concen: 0.805 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.003 min
Lab File: VV021765.D
Acq: 11 Aug 2021 10:08

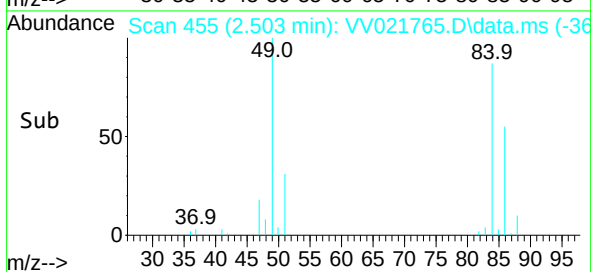
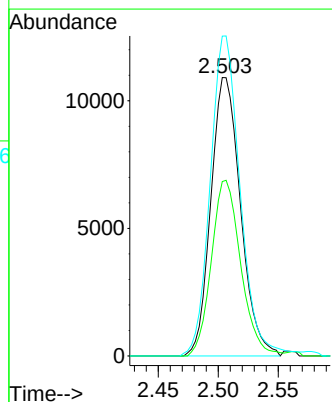
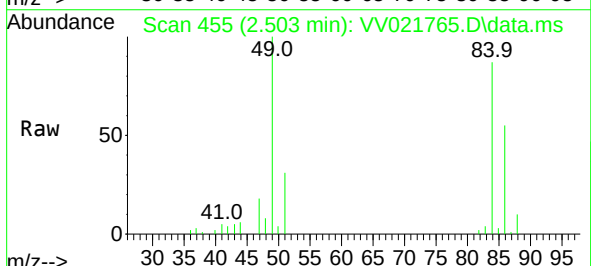
Instrument :
MSVOA_V
ClientSampleId :

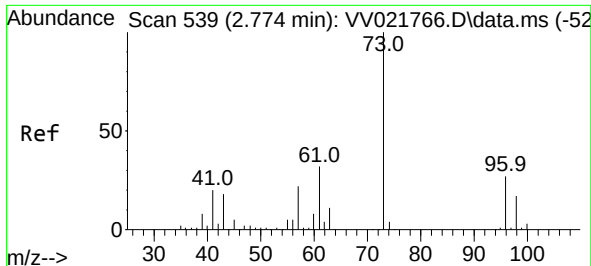
Tgt Ion: 43 Resp: 3347
Ion Ratio Lower Upper
43 100
74 10.6 19.4 29.2#



#16
Methylene chloride
Concen: 1.175 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV021765.D
Acq: 11 Aug 2021 10:08

Tgt Ion: 84 Resp: 18775
Ion Ratio Lower Upper
84 100
86 62.6 44.7 83.1
49 114.9 80.2 149.0



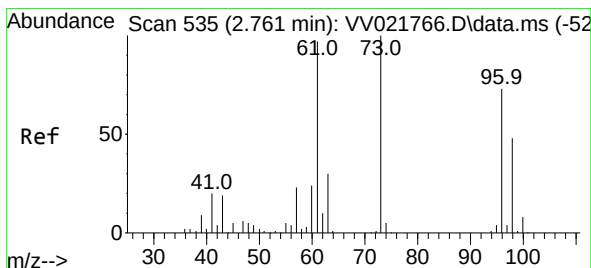
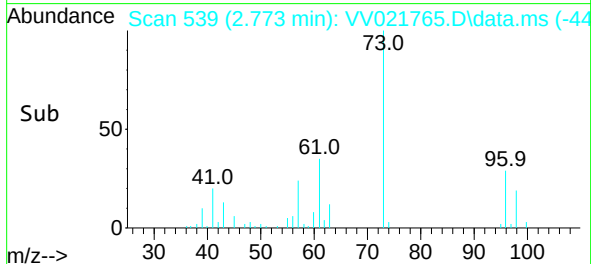
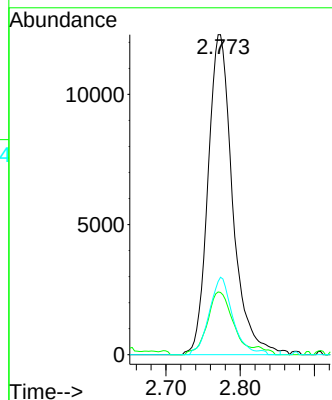
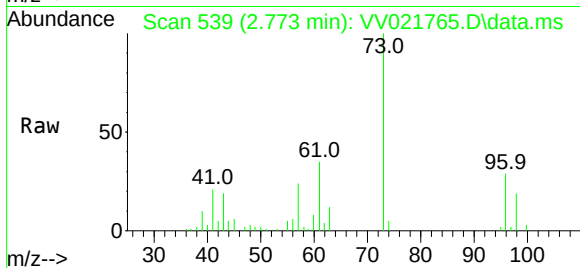


#17

Methyl tert-butyl Ether
Concen: 1.005 ug/L
RT: 2.773 min Scan# 539
Delta R.T. -0.000 min
Lab File: VV021765.D
Acq: 11 Aug 2021 10:08

Instrument :
MSVOA_V
ClientSampled :

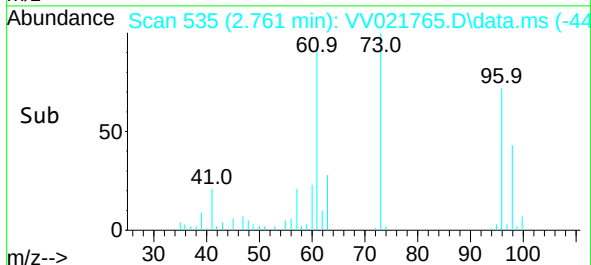
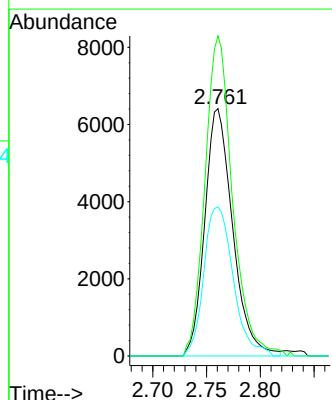
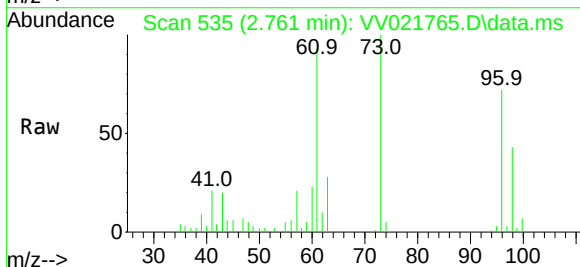
Tgt Ion:	73	Resp:	28284
Ion	Ratio	Lower	Upper
73	100		
43	20.3	14.6	22.0
57	22.7	17.8	26.8

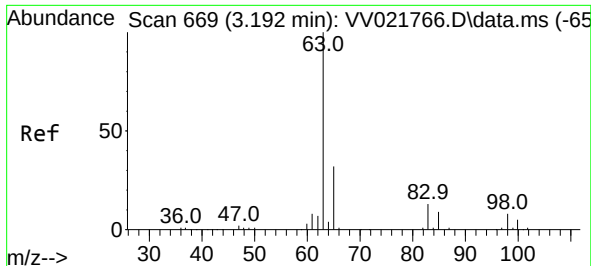


#18

trans-1,2-Dichloroethene
Concen: 0.966 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV021765.D
Acq: 11 Aug 2021 10:08

Tgt Ion:	96	Resp:	11594
Ion	Ratio	Lower	Upper
96	100		
61	129.3	92.9	172.5
98	60.2	46.2	85.8





#19

1,1-Dichloroethane

Concen: 1.000 ug/L

RT: 3.191 min Scan# 669

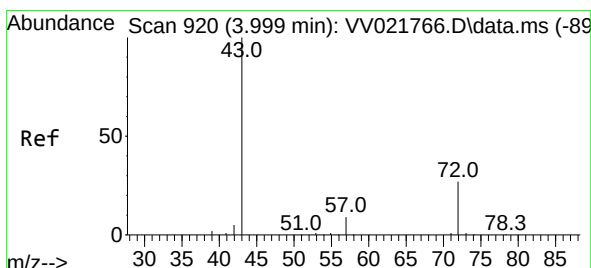
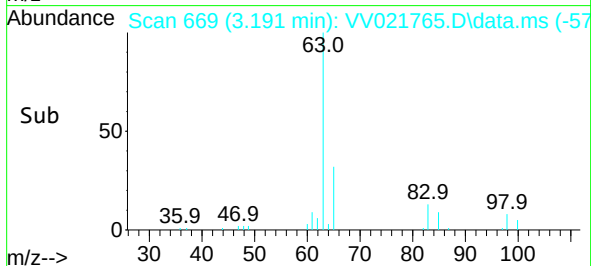
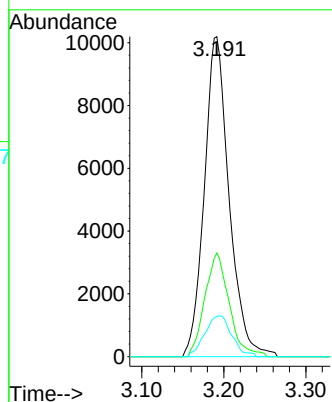
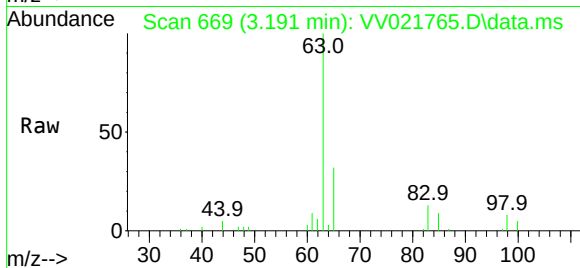
Delta R.T. -0.000 min

Lab File: VV021765.D

Acq: 11 Aug 2021 10:08

Tgt Ion:	63	Resp:	21421
Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.5	41.7
83	12.6	9.2	17.0

Instrument :
MSVOA_V
ClientSampleId :



#21

2-Butanone

Concen: 8.156 ug/L

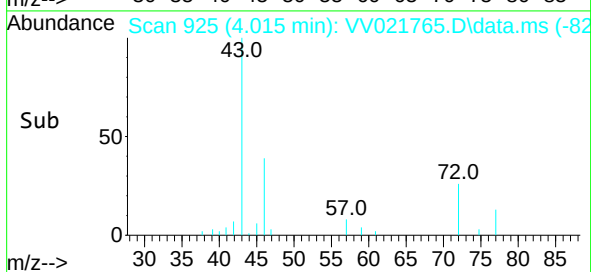
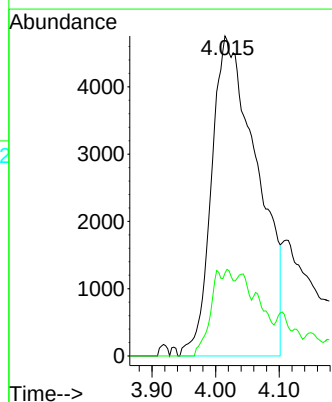
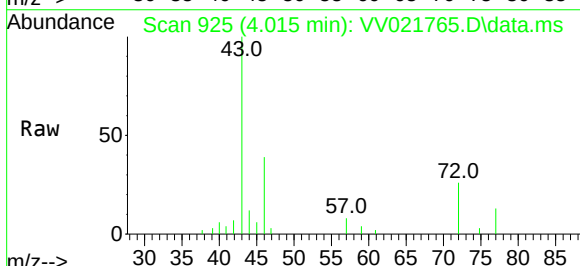
RT: 4.015 min Scan# 925

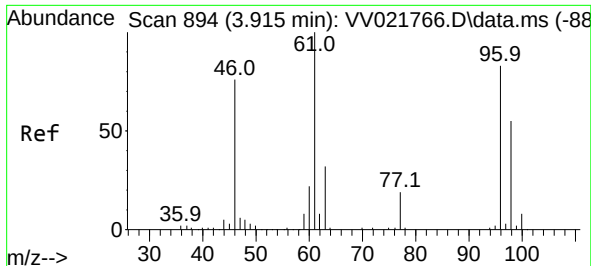
Delta R.T. 0.016 min

Lab File: VV021765.D

Acq: 11 Aug 2021 10:08

Tgt Ion:	43	Resp:	23613
Ion	Ratio	Lower	Upper
43	100		
72	1.2	13.1	39.1#

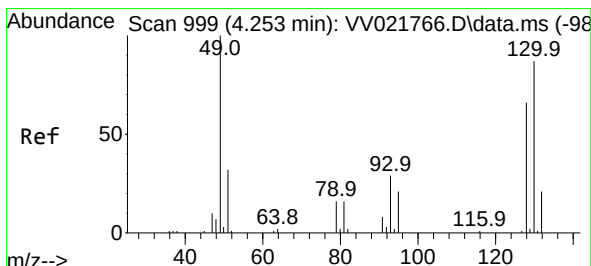
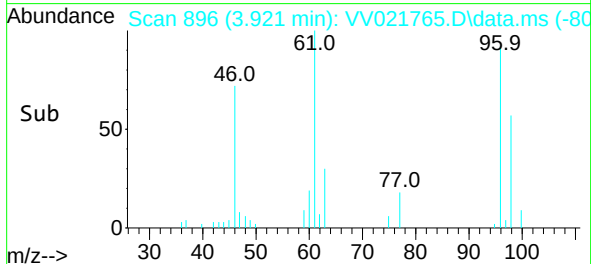
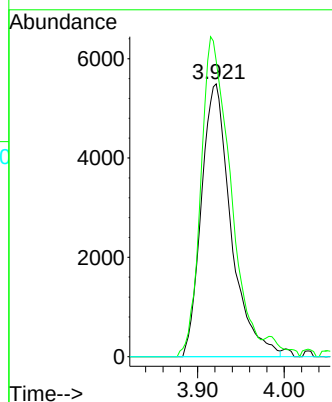
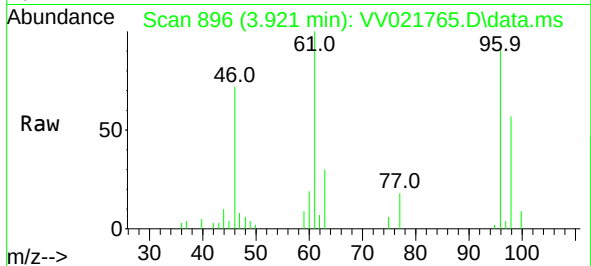




#22
 cis-1,2-Dichloroethene
 Concen: 0.995 ug/L
 RT: 3.921 min Scan# 896
 Delta R.T. 0.006 min
 Lab File: VV021765.D
 Acq: 11 Aug 2021 10:08

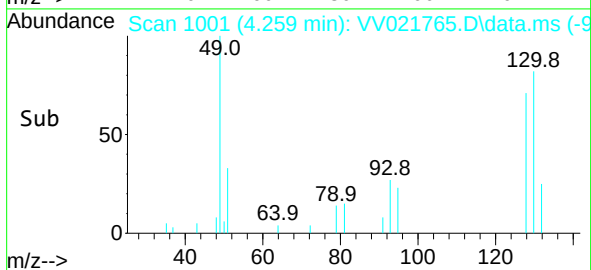
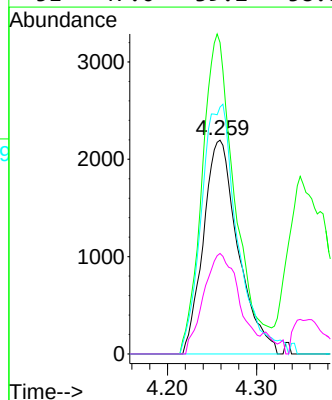
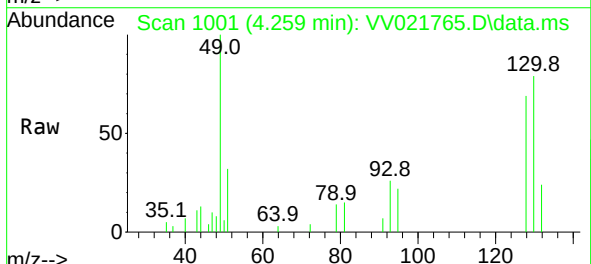
Instrument :
 MSVOA_V
 ClientSampled :

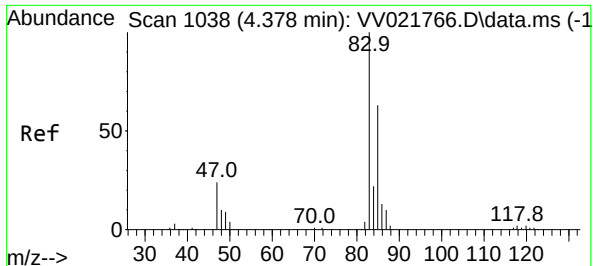
Tgt Ion: 96 Resp: 13065
 Ion Ratio Lower Upper
 96 100
 61 108.4 84.5 156.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 1.003 ug/L
 RT: 4.259 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VV021765.D
 Acq: 11 Aug 2021 10:08

Tgt Ion: 128 Resp: 5936
 Ion Ratio Lower Upper
 128 100
 49 145.7 106.0 196.9
 130 115.5 92.0 170.8
 51 47.0 39.2 58.8





#25

Chloroform

Concen: 1.048 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VV021765.D

Acq: 11 Aug 2021 10:08

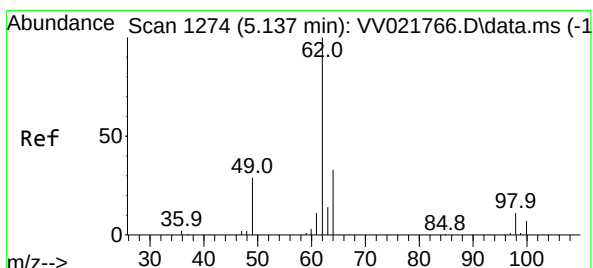
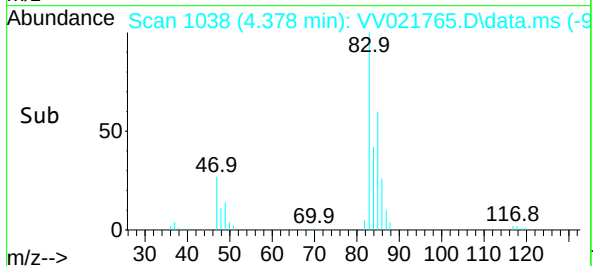
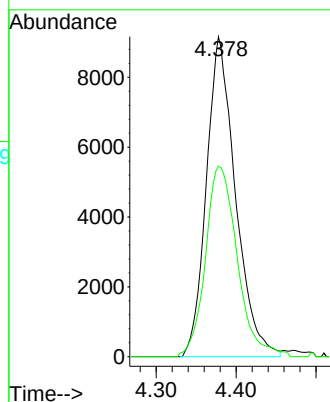
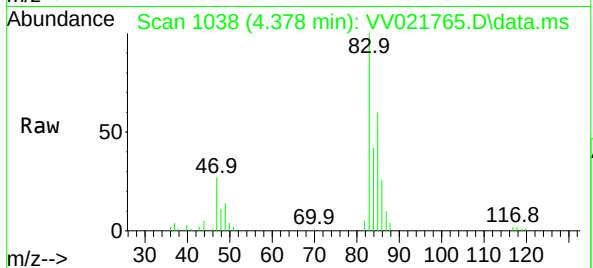
Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 83 Resp: 23147

Ion Ratio Lower Upper

83 100

85 59.5 44.2 82.2



#27

1,2-Dichloroethane

Concen: 1.063 ug/L

RT: 5.140 min Scan# 1275

Delta R.T. 0.003 min

Lab File: VV021765.D

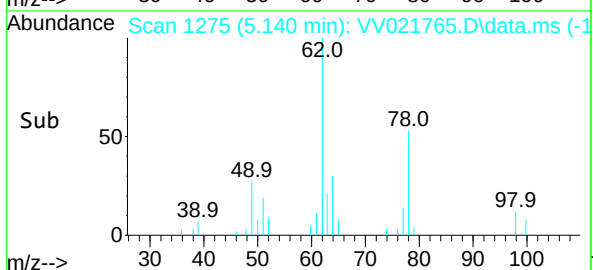
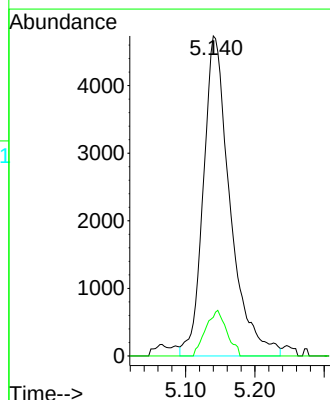
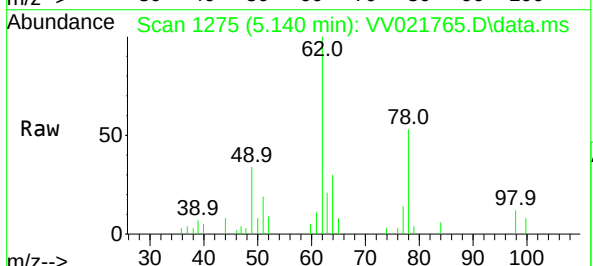
Acq: 11 Aug 2021 10:08

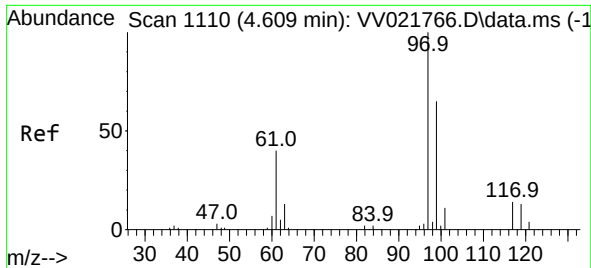
Tgt Ion: 62 Resp: 12690

Ion Ratio Lower Upper

62 100

98 12.1 9.0 13.6





#29

1,1,1-Trichloroethane

Concen: 0.947 ug/L

RT: 4.609 min Scan# 1110

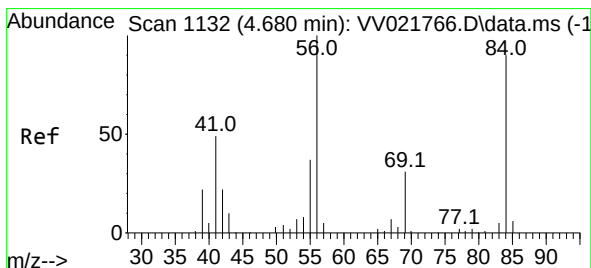
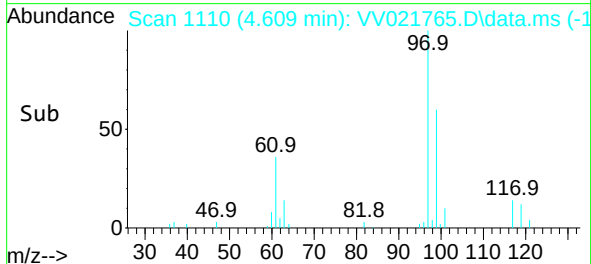
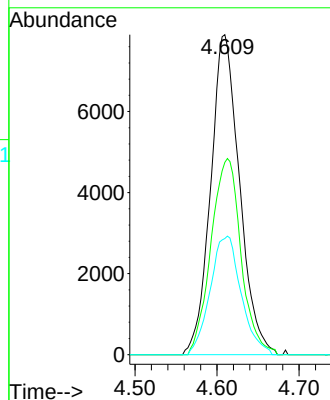
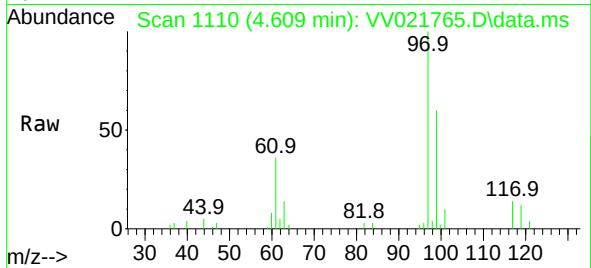
Delta R.T. -0.000 min

Lab File: VV021765.D

Acq: 11 Aug 2021 10:08

Tgt Ion:	97	Resp:	19364
Ion	Ratio	Lower	Upper
97	100		
99	63.8	52.0	78.0
61	39.7	32.6	48.8

Instrument :
MSVOA_V
ClientSampleId :



#30

Cyclohexane

Concen: 0.857 ug/L

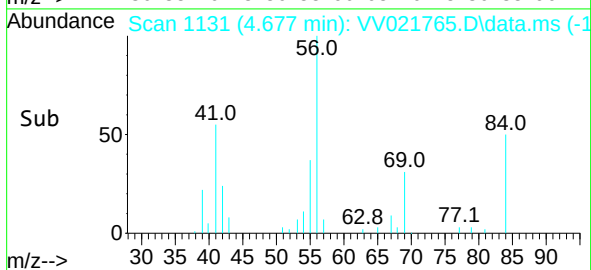
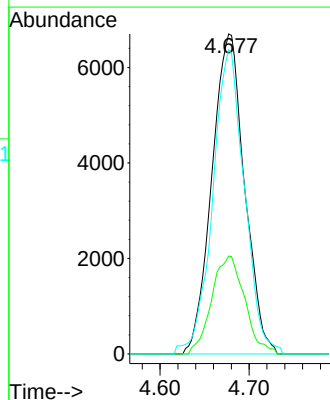
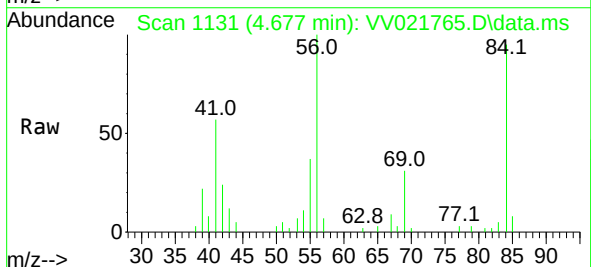
RT: 4.677 min Scan# 1131

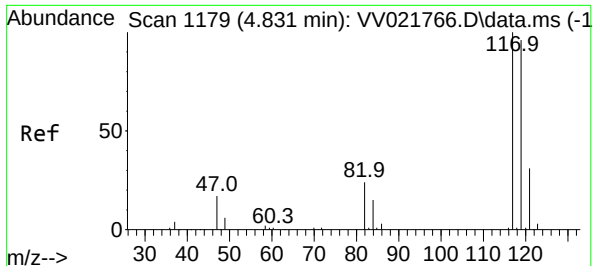
Delta R.T. -0.003 min

Lab File: VV021765.D

Acq: 11 Aug 2021 10:08

Tgt Ion:	56	Resp:	17039
Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.2	36.2
84	92.6	72.7	109.1

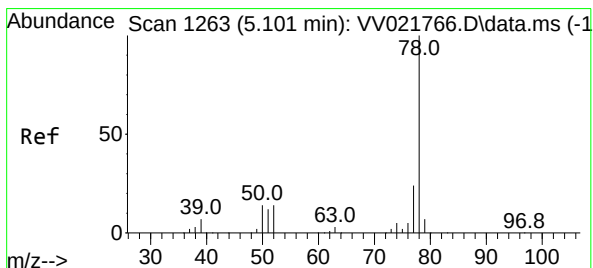
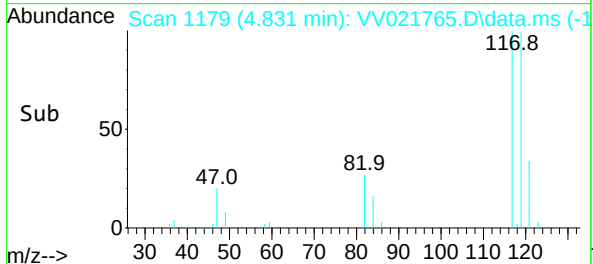
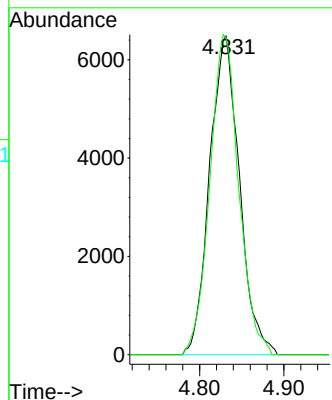
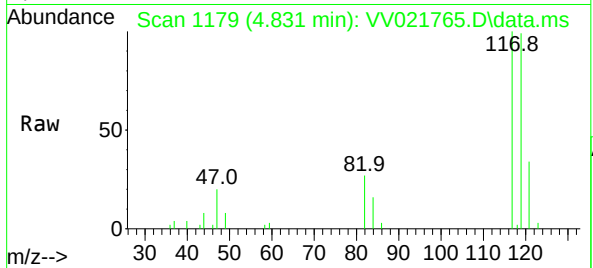




#31
Carbon tetrachloride
Concen: 0.863 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VV021765.D
Acq: 11 Aug 2021 10:08

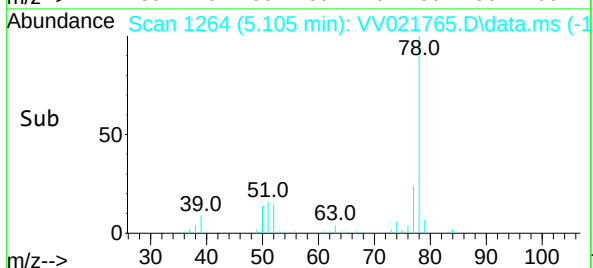
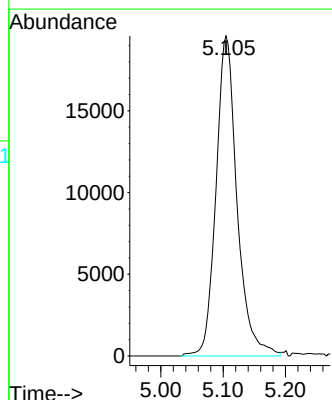
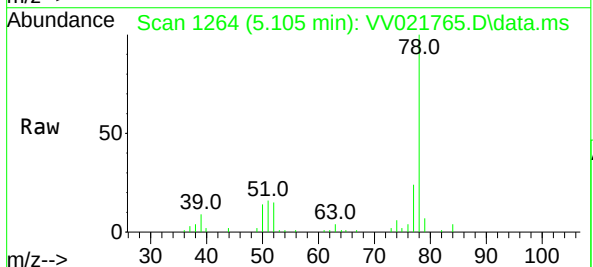
Instrument :
MSVOA_V
ClientSampled :

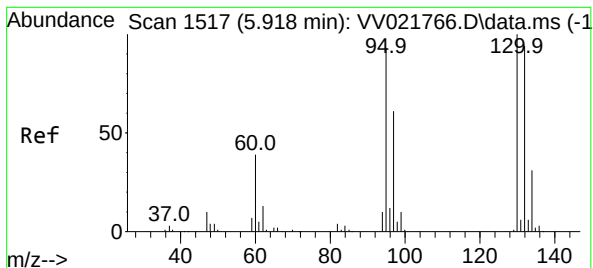
Tgt Ion:117 Resp: 15937
Ion Ratio Lower Upper
117 100
119 97.5 77.3 115.9



#33
Benzene
Concen: 0.956 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VV021765.D
Acq: 11 Aug 2021 10:08

Tgt Ion: 78 Resp: 45930





#34

Trichloroethene

Concen: 1.024 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.003 min

Lab File: VV021765.D

Acq: 11 Aug 2021 10:08

Tgt Ion: 95 Resp: 13541

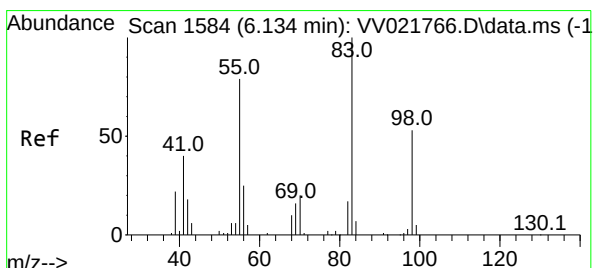
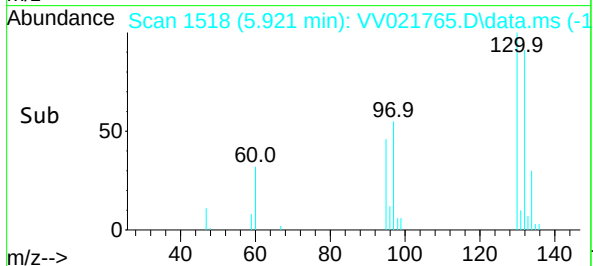
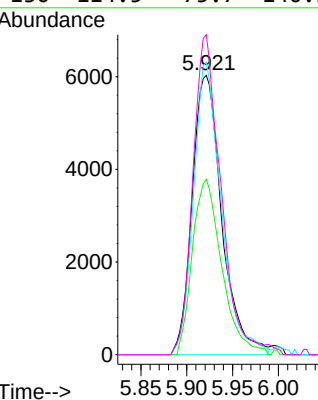
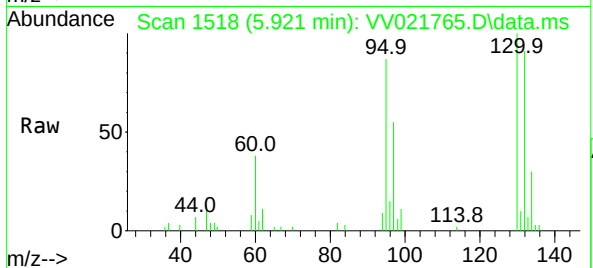
Ion Ratio Lower Upper

95 100

97 62.8 46.1 85.5

132 104.7 71.4 132.6

130 114.5 75.7 140.5



#35

Methylcyclohexane

Concen: 0.876 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. -0.003 min

Lab File: VV021765.D

Acq: 11 Aug 2021 10:08

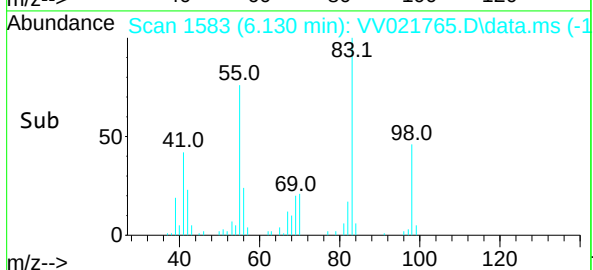
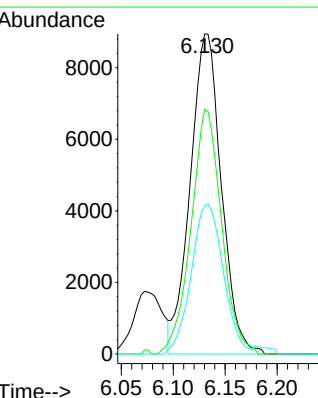
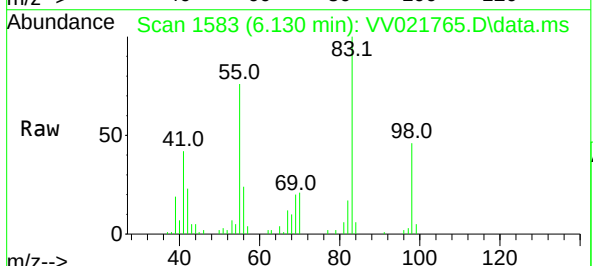
Tgt Ion: 83 Resp: 18654

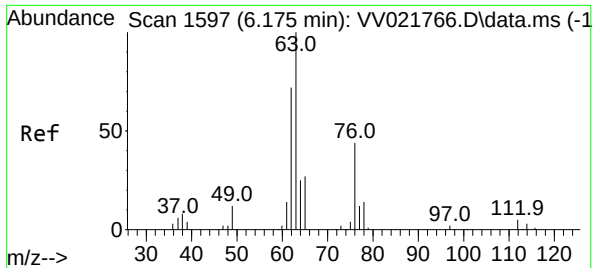
Ion Ratio Lower Upper

83 100

55 74.9 57.8 86.6

98 48.1 38.5 57.7

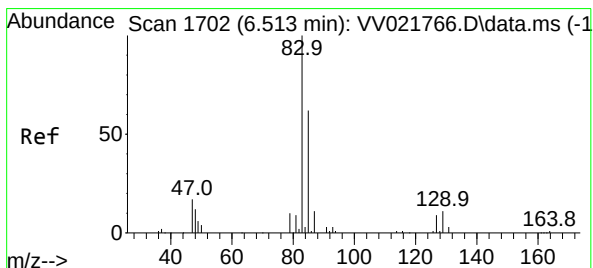
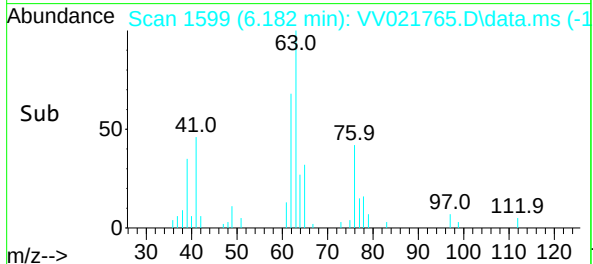
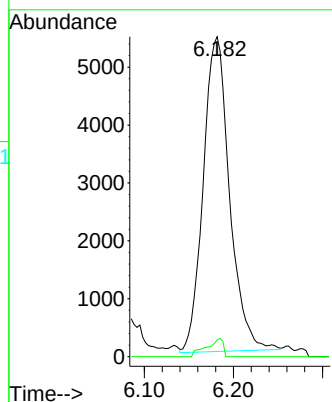
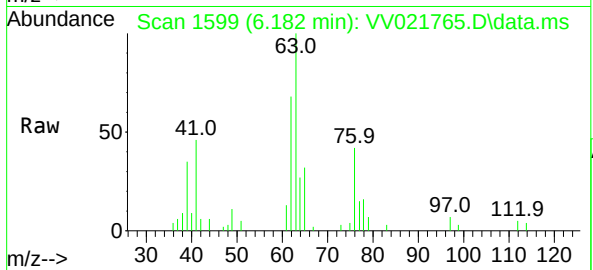




#37
1,2-Dichloropropane
Concen: 0.931 ug/L
RT: 6.182 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VV021765.D
Acq: 11 Aug 2021 10:08

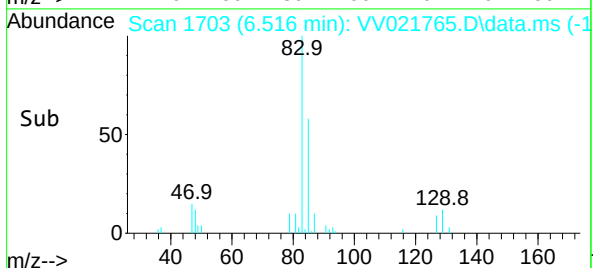
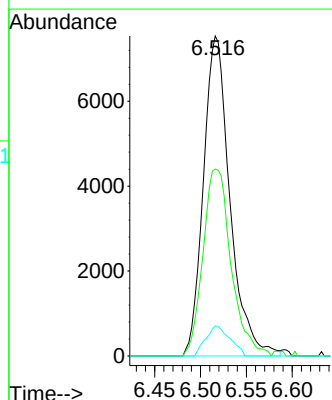
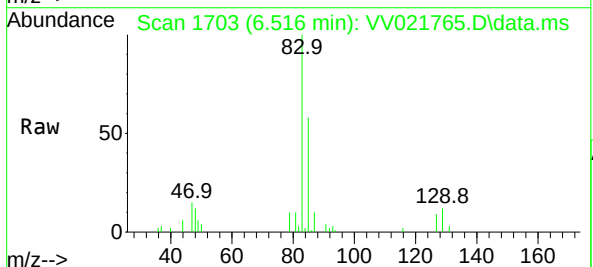
Instrument :
MSVOA_V
ClientSampled :

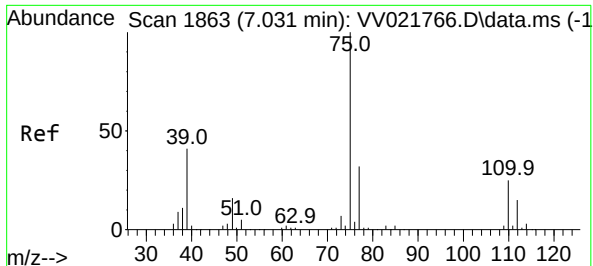
Tgt Ion: 63 Resp: 11170
Ion Ratio Lower Upper
63 100
112 3.6 4.0 6.0#



#38
Bromodichloromethane
Concen: 0.933 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.003 min
Lab File: VV021765.D
Acq: 11 Aug 2021 10:08

Tgt Ion: 83 Resp: 15135
Ion Ratio Lower Upper
83 100
85 58.4 43.5 80.7
127 9.5 6.9 10.3

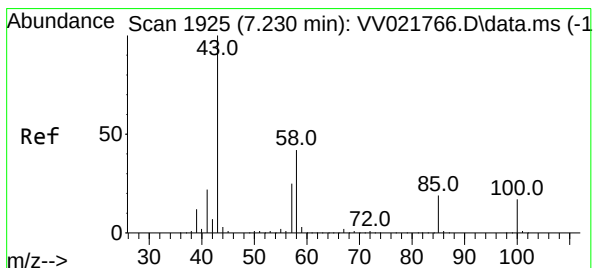
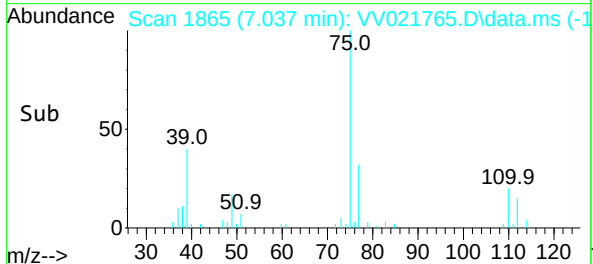
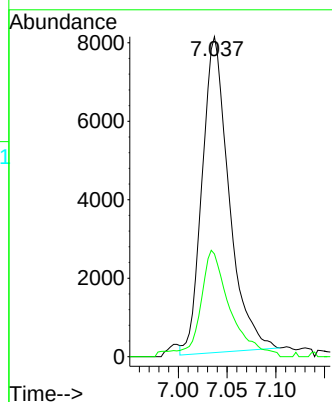
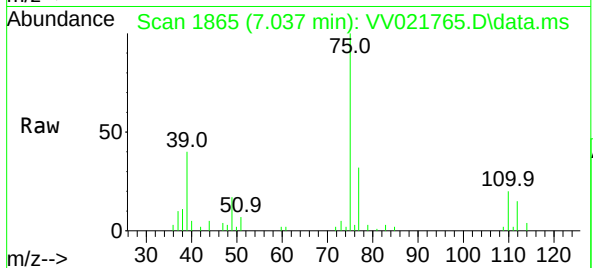




#39
 cis-1,3-Dichloropropene
 Concen: 0.816 ug/L
 RT: 7.037 min Scan# 1865
 Delta R.T. 0.006 min
 Lab File: VV021765.D
 Acq: 11 Aug 2021 10:08

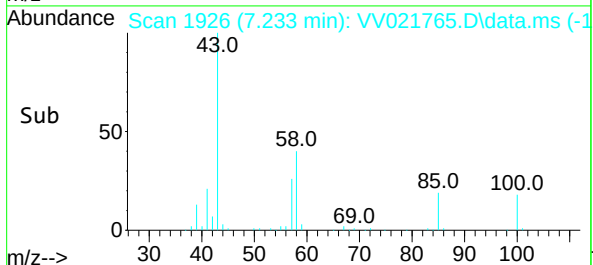
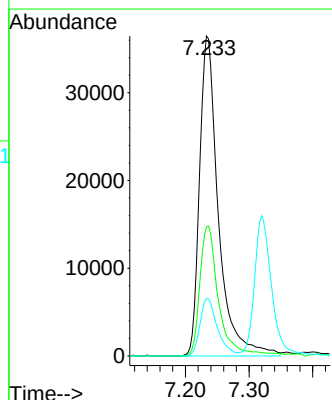
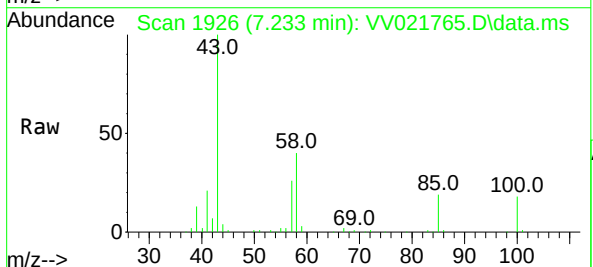
Instrument :
 MSVOA_V
 ClientSampled :

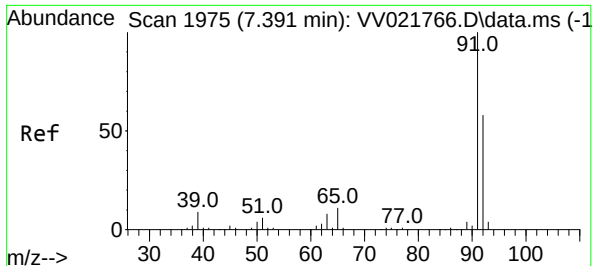
Tgt Ion: 75 Resp: 15444
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 10.118 ug/L
 RT: 7.233 min Scan# 1926
 Delta R.T. 0.003 min
 Lab File: VV021765.D
 Acq: 11 Aug 2021 10:08

Tgt Ion: 43 Resp: 75065
 Ion Ratio Lower Upper
 43 100
 58 39.9 32.9 49.3
 100 16.6 13.5 20.3

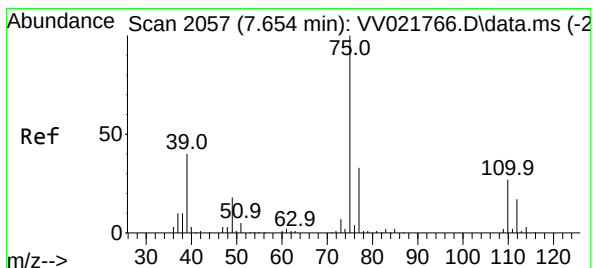
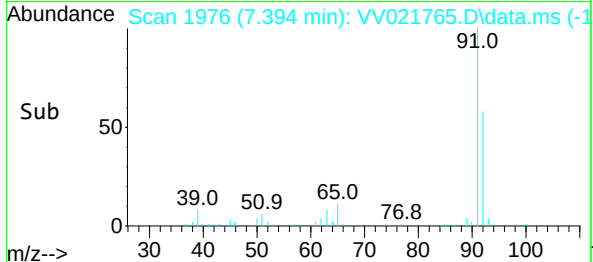
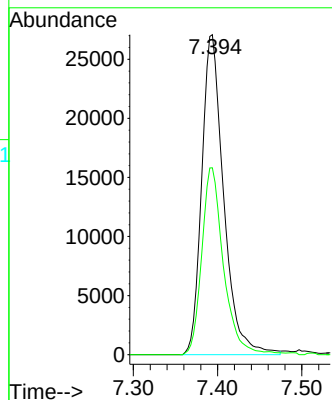
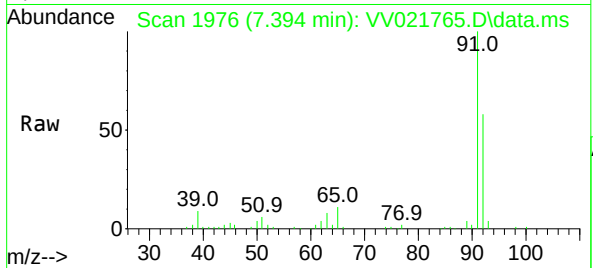




#42
Toluene
Concen: 0.930 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.003 min
Lab File: VV021765.D
Acq: 11 Aug 2021 10:08

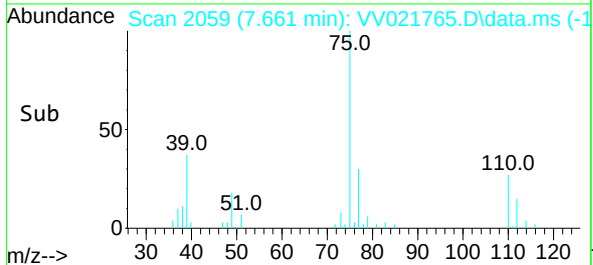
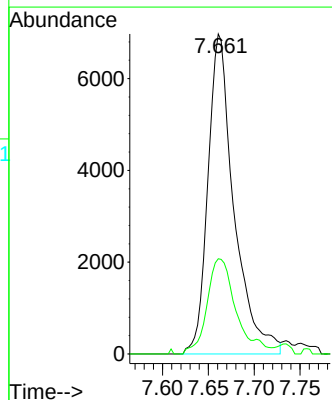
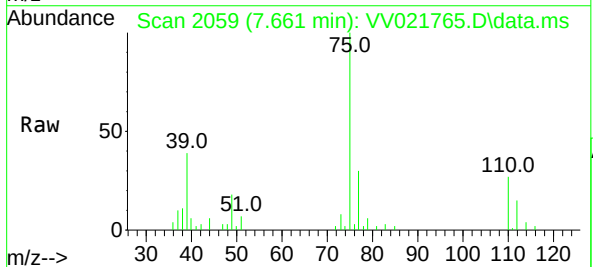
Instrument :
MSVOA_V
ClientSampled :

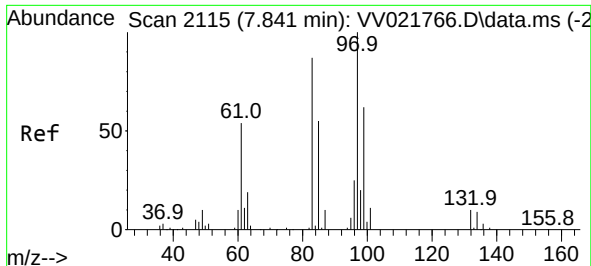
Tgt Ion: 91 Resp: 49139
Ion Ratio Lower Upper
91 100
92 58.4 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 0.889 ug/L
RT: 7.661 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VV021765.D
Acq: 11 Aug 2021 10:08

Tgt Ion: 75 Resp: 13796
Ion Ratio Lower Upper
75 100
77 29.7 23.3 43.3





#45

1,1,2-Trichloroethane

Concen: 1.008 ug/L

RT: 7.847 min Scan# 2117

Delta R.T. 0.006 min

Lab File: VV021765.D

Acq: 11 Aug 2021 10:08

Tgt Ion: 97 Resp: 9017

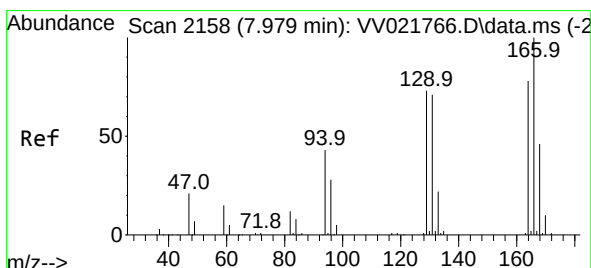
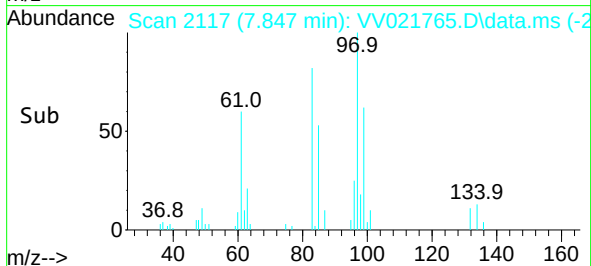
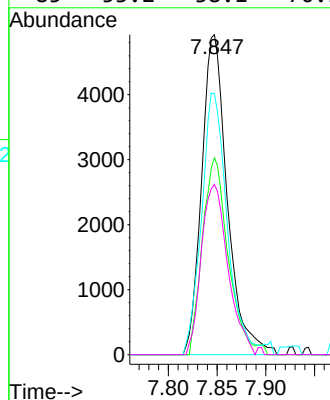
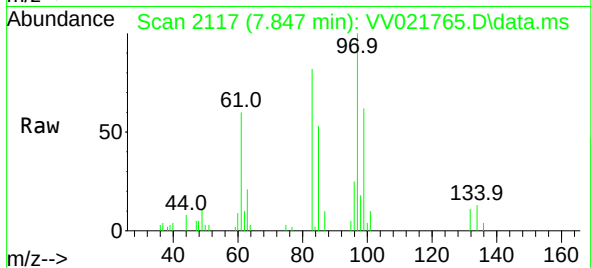
Ion Ratio Lower Upper

97 100

99 61.5 43.8 81.3

83 81.7 60.8 113.0

85 53.2 38.1 70.9



#47

Tetrachloroethene

Concen: 0.860 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.003 min

Lab File: VV021765.D

Acq: 11 Aug 2021 10:08

Tgt Ion: 164 Resp: 10116

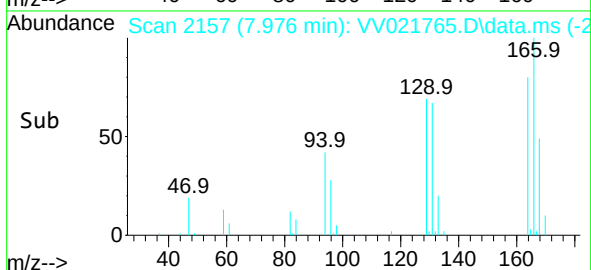
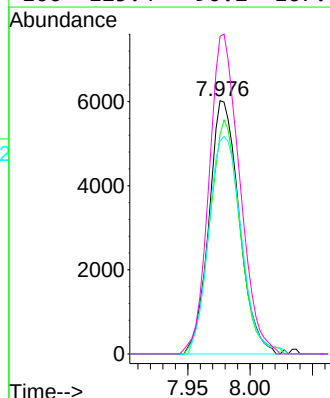
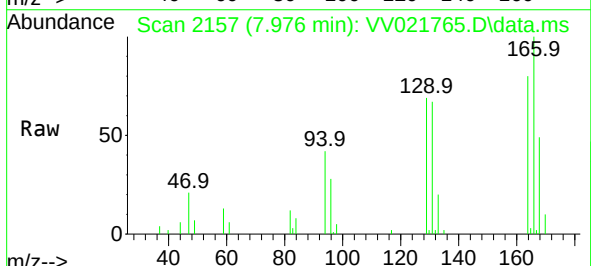
Ion Ratio Lower Upper

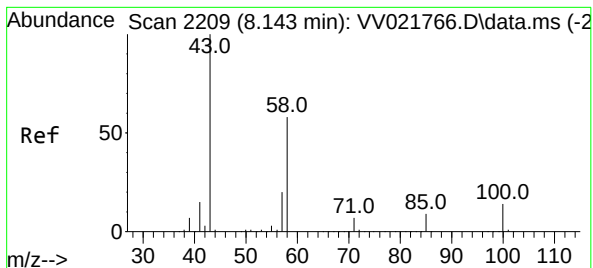
164 100

129 86.6 65.4 121.4

131 84.1 64.3 119.3

166 125.4 90.2 167.4





#48

2-Hexanone

Concen: 10.297 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VV021765.D

Acq: 11 Aug 2021 10:08

Tgt Ion: 43 Resp: 51866

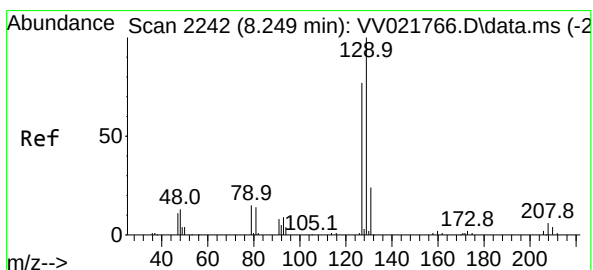
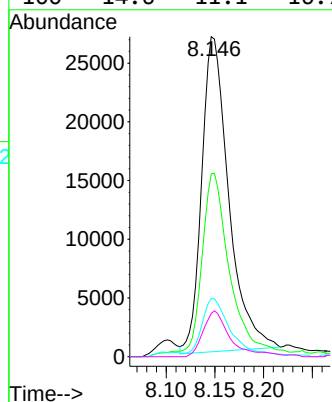
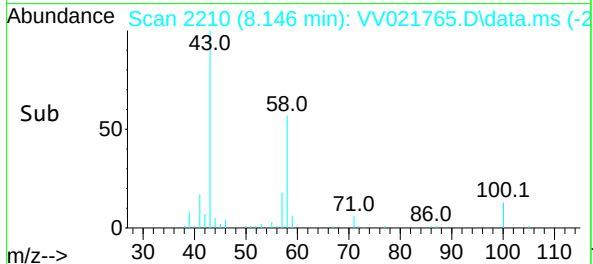
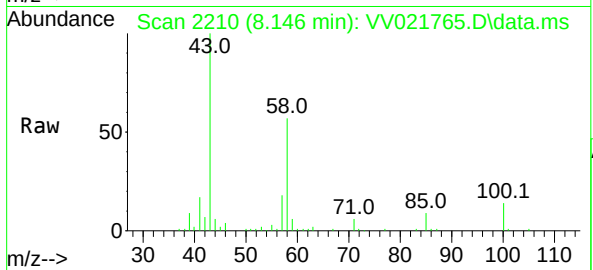
Ion Ratio Lower Upper

43 100

58 61.8 48.3 72.5

57 20.3 15.4 23.2

100 14.6 11.1 16.7



#49

Dibromochloromethane

Concen: 0.871 ug/L

RT: 8.249 min Scan# 2242

Delta R.T. -0.000 min

Lab File: VV021765.D

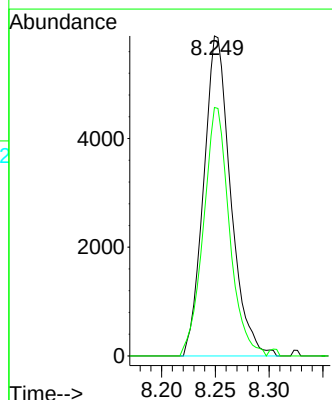
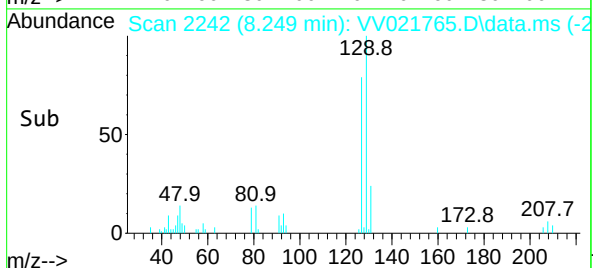
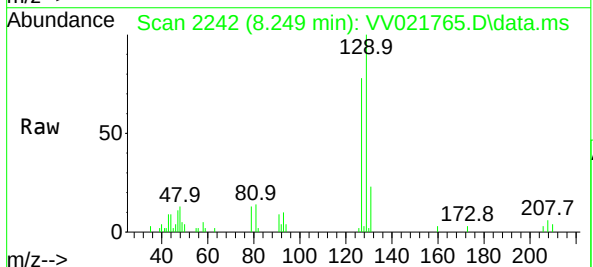
Acq: 11 Aug 2021 10:08

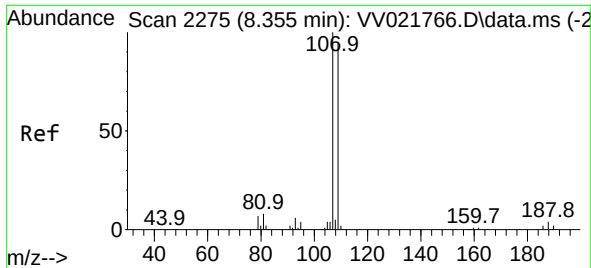
Tgt Ion: 129 Resp: 10284

Ion Ratio Lower Upper

129 100

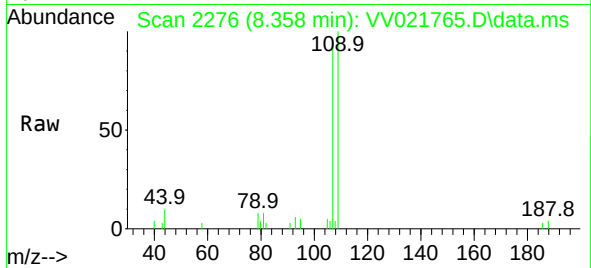
127 77.7 53.9 100.1



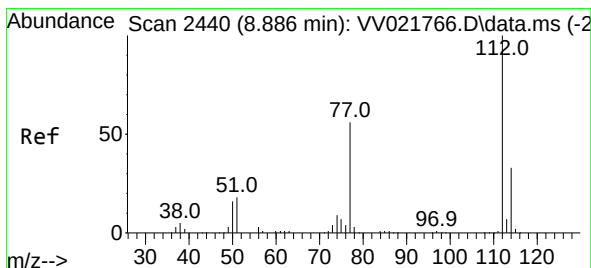
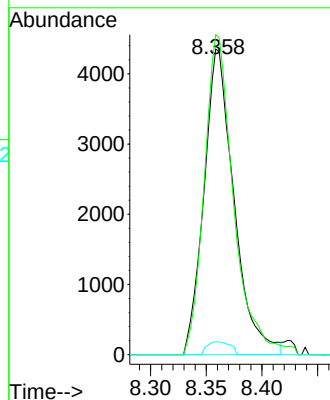
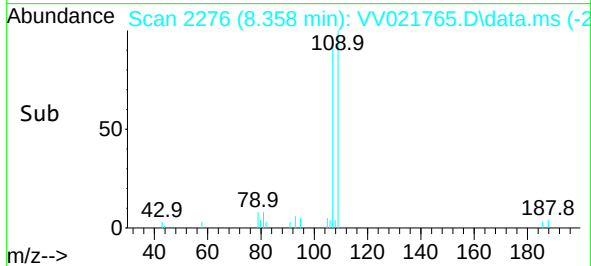


#50
1,2-Dibromoethane
Concen: 0.957 ug/L
RT: 8.358 min Scan# 2276
Delta R.T. 0.003 min
Lab File: VV021765.D
Acq: 11 Aug 2021 10:08

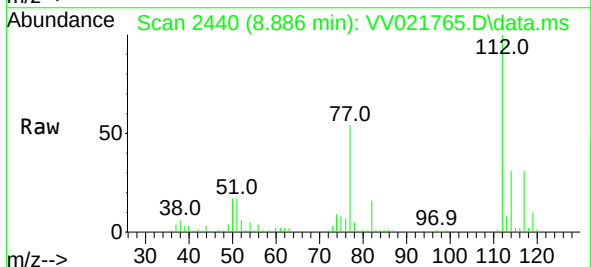
Instrument :
MSVOA_V
ClientSampled :



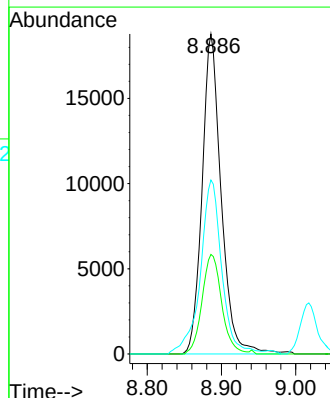
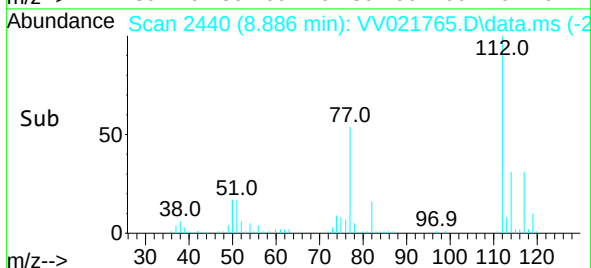
Tgt Ion:107 Resp: 8167
Ion Ratio Lower Upper
107 100
109 104.7 66.1 122.7
188 4.3 2.9 4.3

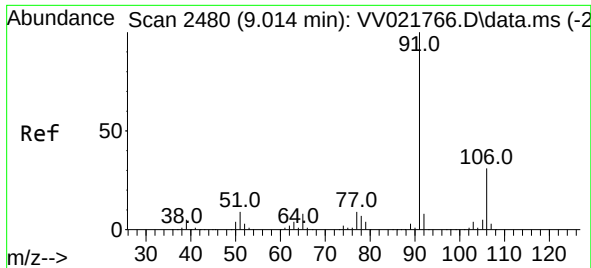


#51
Chlorobenzene
Concen: 0.959 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. -0.000 min
Lab File: VV021765.D
Acq: 11 Aug 2021 10:08



Tgt Ion:112 Resp: 33494
Ion Ratio Lower Upper
112 100
114 31.1 23.2 43.0
77 54.3 44.6 67.0

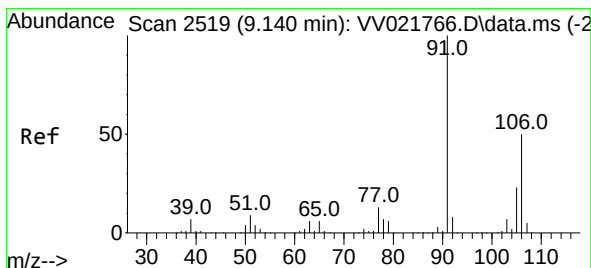
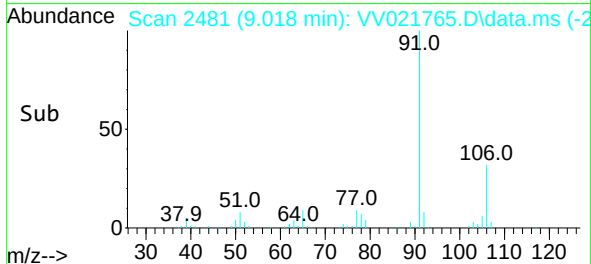
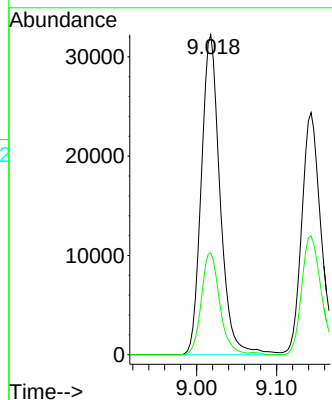
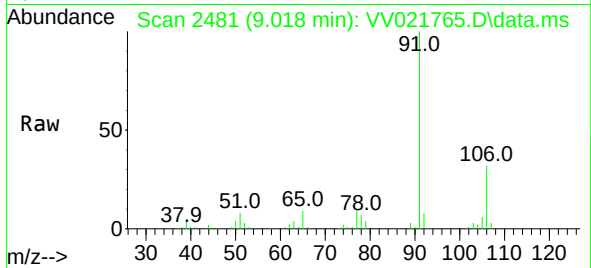




#52
Ethylbenzene
Concen: 0.897 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV021765.D
Acq: 11 Aug 2021 10:08

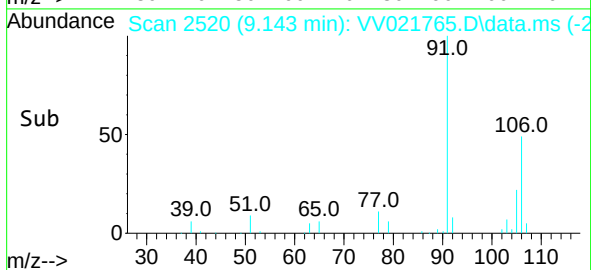
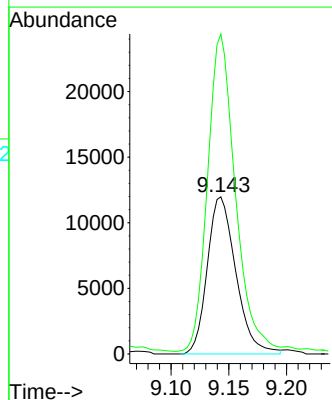
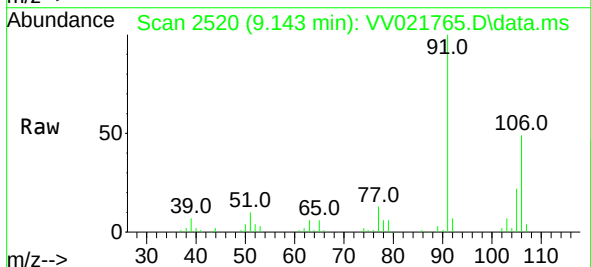
Instrument :
MSVOA_V
ClientSampled :

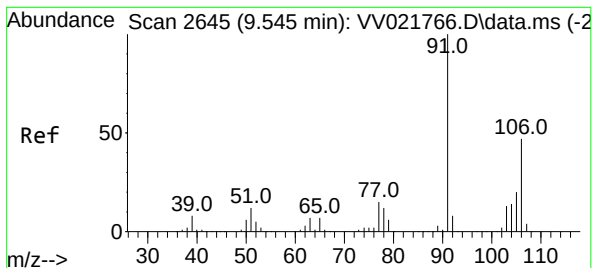
Tgt Ion: 91 Resp: 52677
Ion Ratio Lower Upper
91 100
106 31.8 22.0 41.0



#53
m,p-xylene
Concen: 0.909 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV021765.D
Acq: 11 Aug 2021 10:08

Tgt Ion: 106 Resp: 20614
Ion Ratio Lower Upper
106 100
91 203.6 140.4 260.8





#54

o-xylene

Concen: 0.909 ug/L

RT: 9.548 min Scan# 2646

Delta R.T. 0.003 min

Lab File: VV021765.D

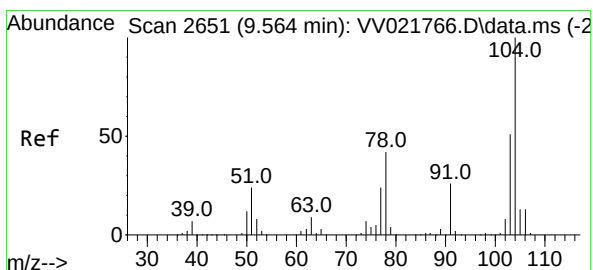
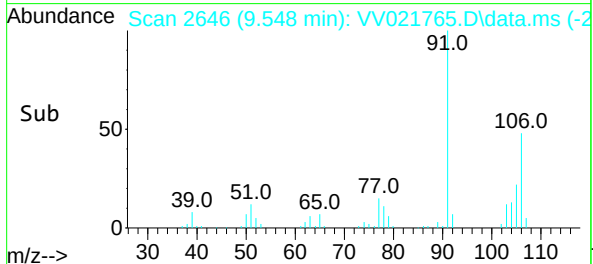
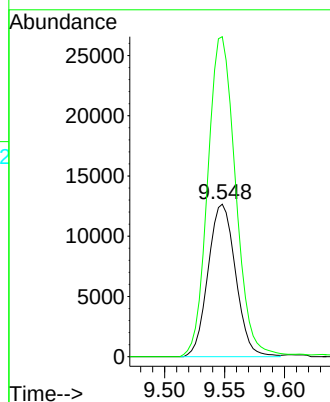
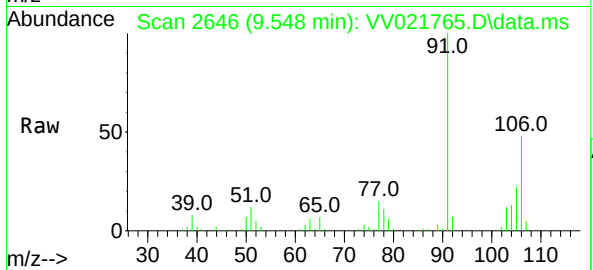
Acq: 11 Aug 2021 10:08

Tgt Ion:106 Resp: 20186

Ion Ratio Lower Upper

106 100

91 209.8 147.7 274.3



#55

Styrene

Concen: 0.869 ug/L

RT: 9.567 min Scan# 2652

Delta R.T. 0.003 min

Lab File: VV021765.D

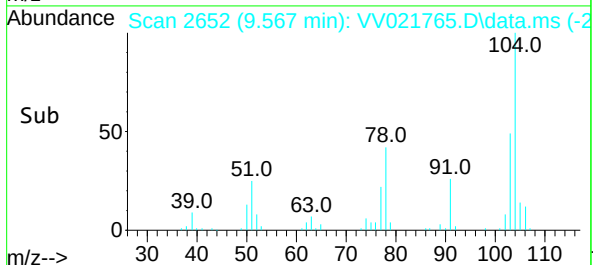
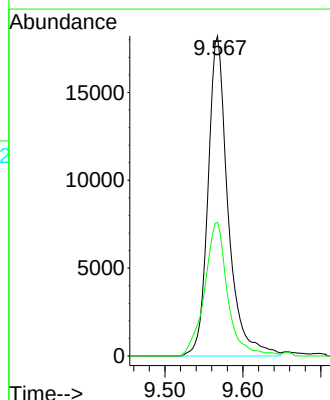
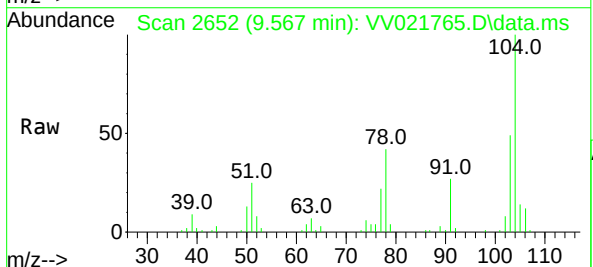
Acq: 11 Aug 2021 10:08

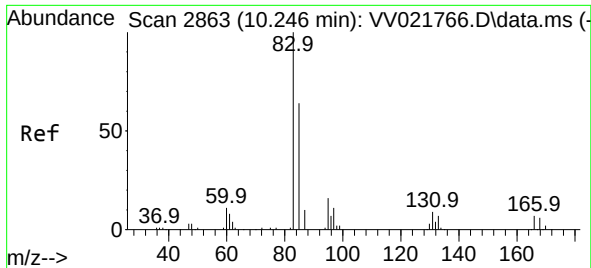
Tgt Ion:104 Resp: 32447

Ion Ratio Lower Upper

104 100

78 41.7 29.8 55.3

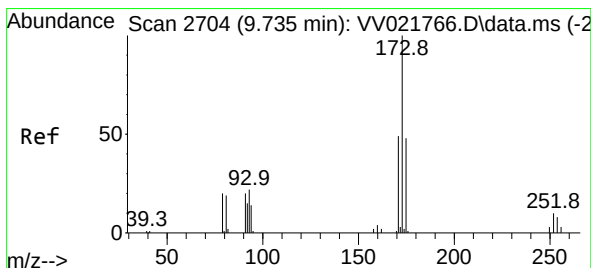
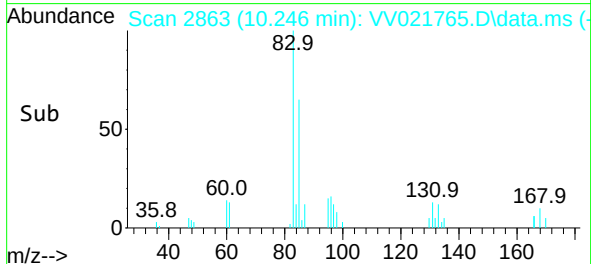
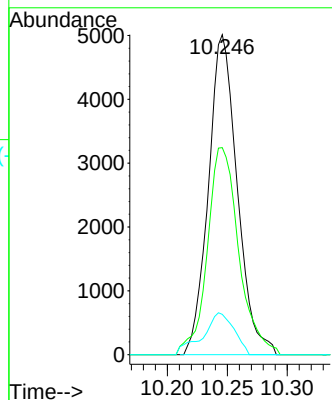
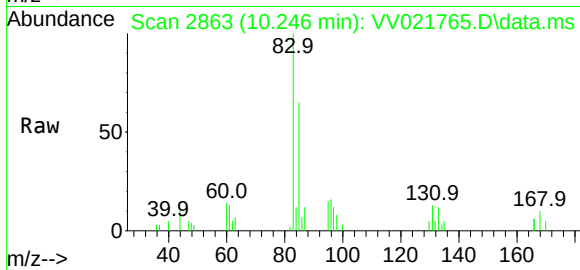




#57
1,1,2,2-Tetrachloroethane
Concen: 0.817 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV021765.D
Acq: 11 Aug 2021 10:08

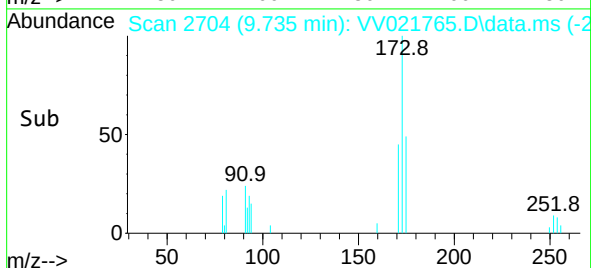
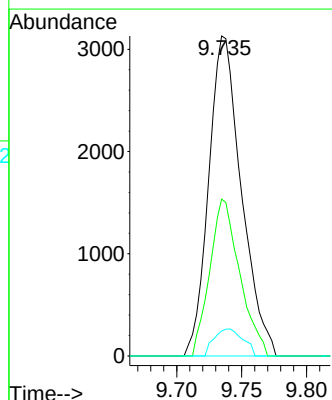
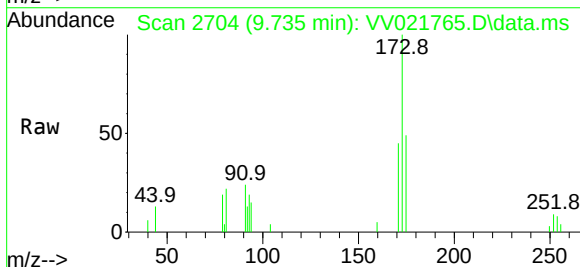
Instrument :
MSVOA_V
ClientSampled :

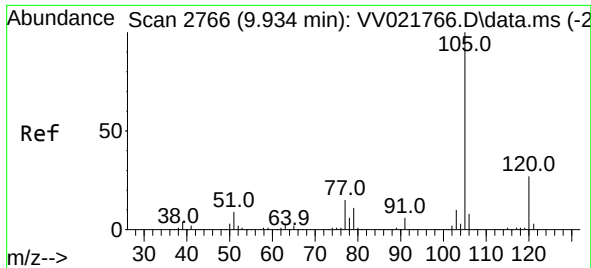
Tgt Ion: 83 Resp: 8378
Ion Ratio Lower Upper
83 100
85 64.7 44.9 83.5
131 12.6 7.7 11.5#



#59
Bromoform
Concen: 0.816 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV021765.D
Acq: 11 Aug 2021 10:08

Tgt Ion: 173 Resp: 5471
Ion Ratio Lower Upper
173 100
175 44.9 38.3 57.5
254 7.5 6.6 9.8

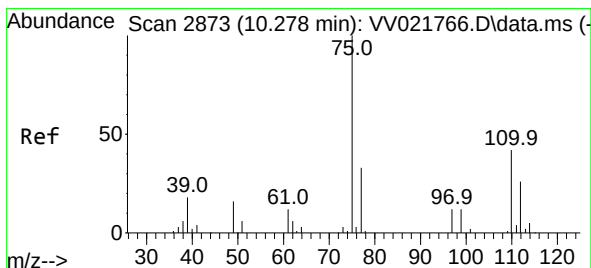
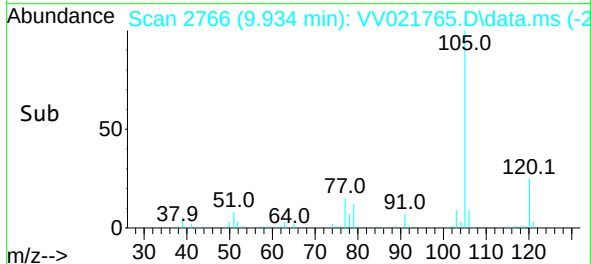
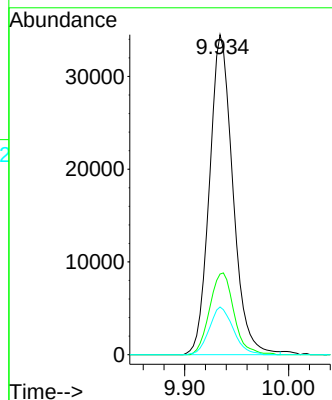
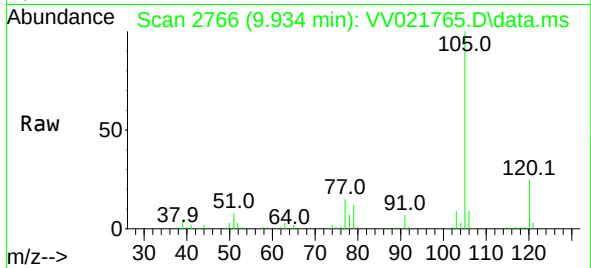




#60
Isopropylbenzene
Concen: 0.963 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV021765.D
Acq: 11 Aug 2021 10:08

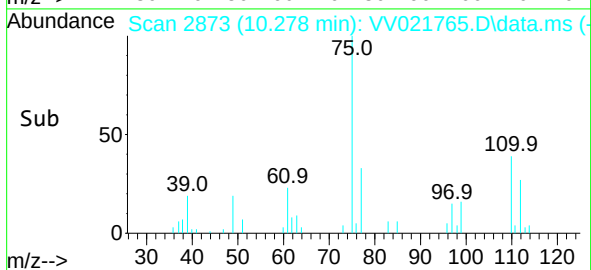
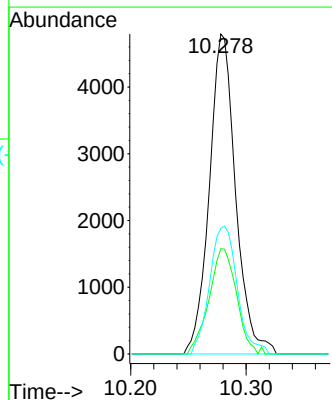
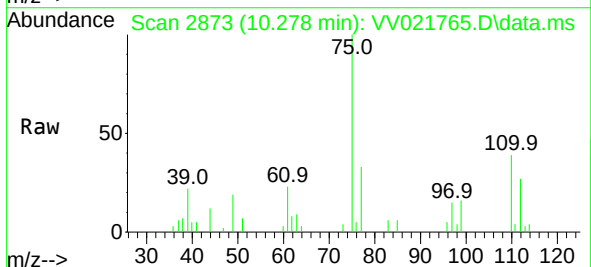
Instrument :
MSVOA_V
ClientSampled :

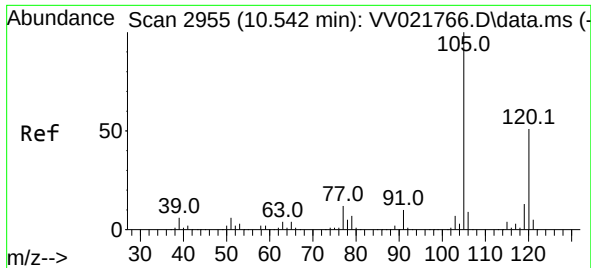
Tgt Ion:105 Resp: 53956
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 15.3 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 1.096 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV021765.D
Acq: 11 Aug 2021 10:08

Tgt Ion: 75 Resp: 7593
Ion Ratio Lower Upper
75 100
77 34.4 26.5 39.7
110 42.0 33.4 50.2

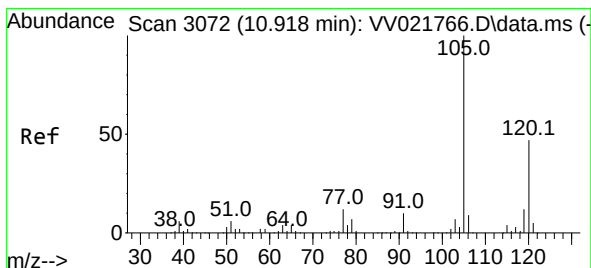
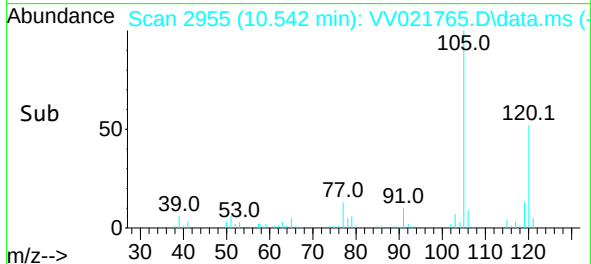
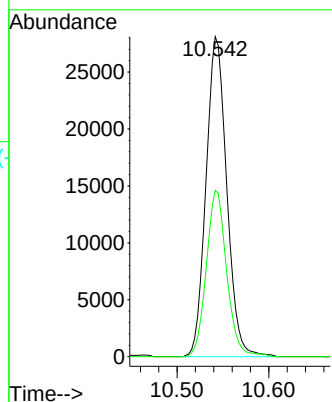
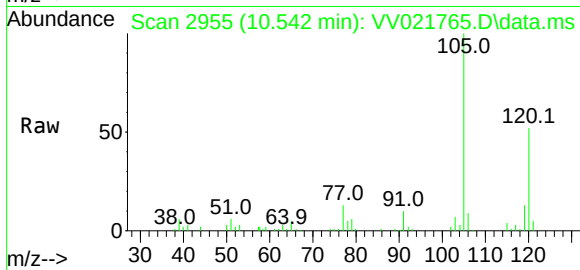




#62
1,3,5-Trimethylbenzene
Concen: 0.932 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV021765.D
Acq: 11 Aug 2021 10:08

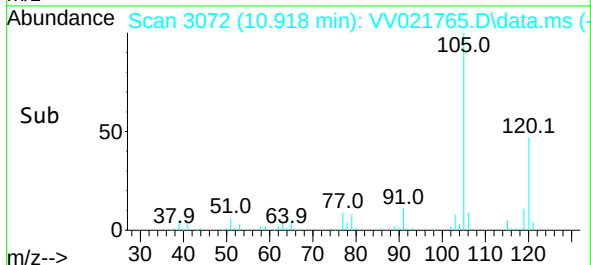
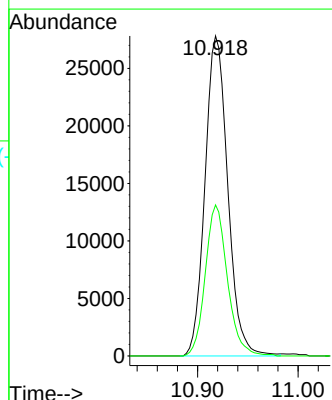
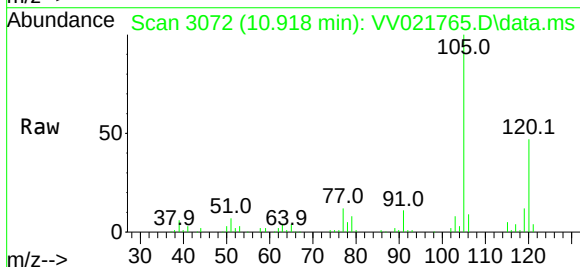
Instrument :
MSVOA_V
ClientSampled :

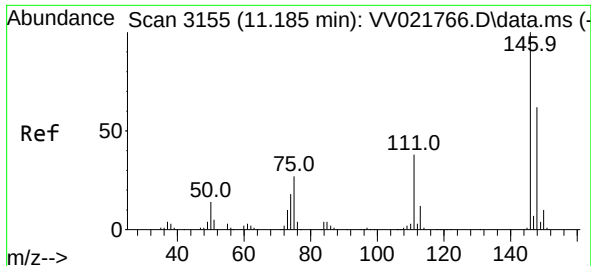
Tgt Ion:105 Resp: 44207
Ion Ratio Lower Upper
105 100
120 51.0 40.5 60.7



#63
1,2,4-Trimethylbenzene
Concen: 0.900 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. -0.000 min
Lab File: VV021765.D
Acq: 11 Aug 2021 10:08

Tgt Ion:105 Resp: 43774
Ion Ratio Lower Upper
105 100
120 46.0 37.5 56.3

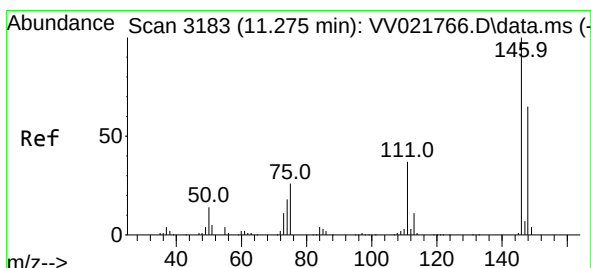
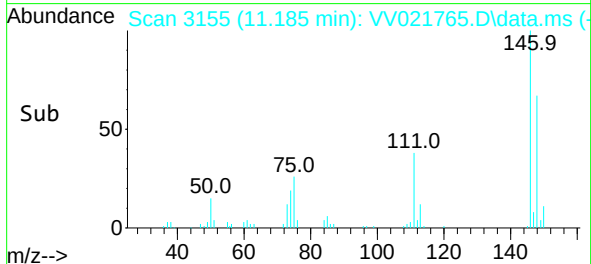
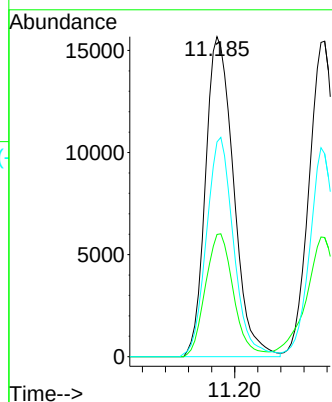
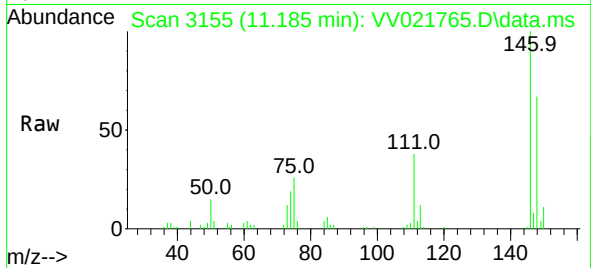




#64
1,3-Dichlorobenzene
Concen: 0.962 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. -0.000 min
Lab File: VV021765.D
Acq: 11 Aug 2021 10:08

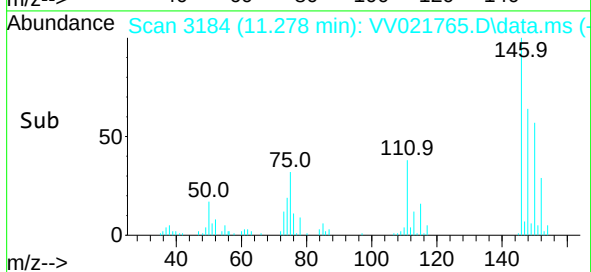
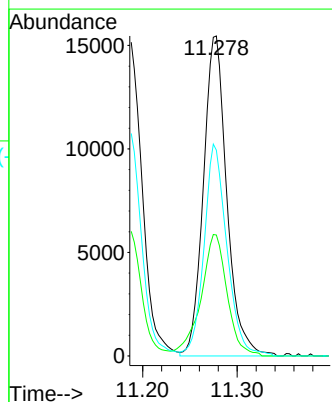
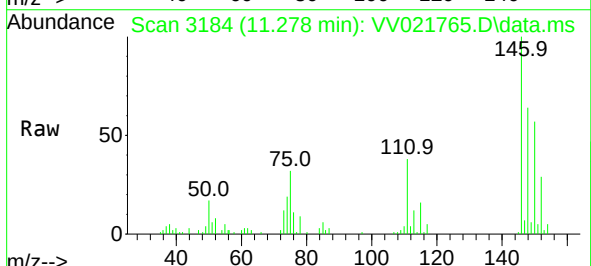
Instrument :
MSVOA_V
ClientSampled :

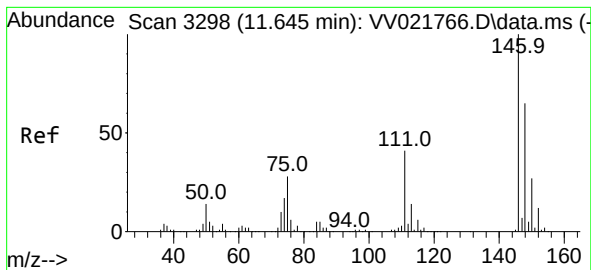
Tgt Ion:146 Resp: 26457
Ion Ratio Lower Upper
146 100
111 38.2 26.7 49.7
148 67.1 43.2 80.2



#65
1,4-Dichlorobenzene
Concen: 0.966 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.003 min
Lab File: VV021765.D
Acq: 11 Aug 2021 10:08

Tgt Ion:146 Resp: 26592
Ion Ratio Lower Upper
146 100
111 37.8 25.9 48.1
148 64.3 45.4 84.2

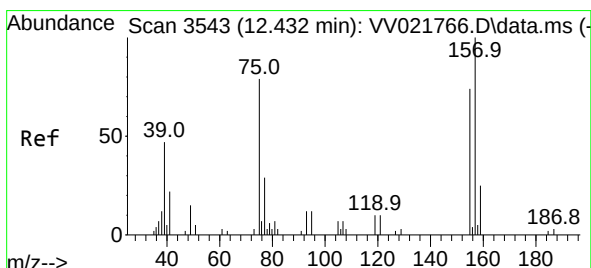
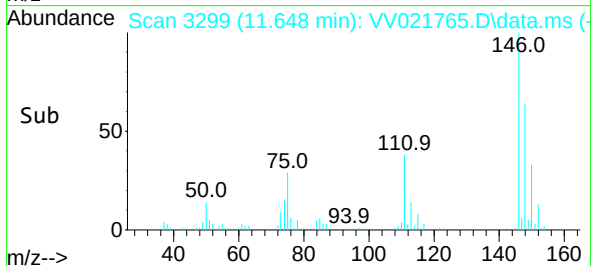
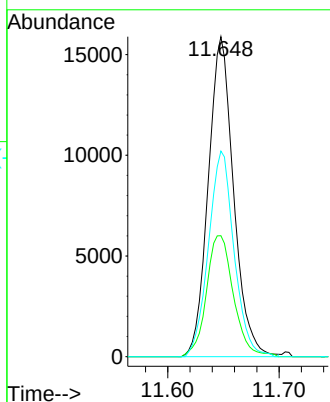
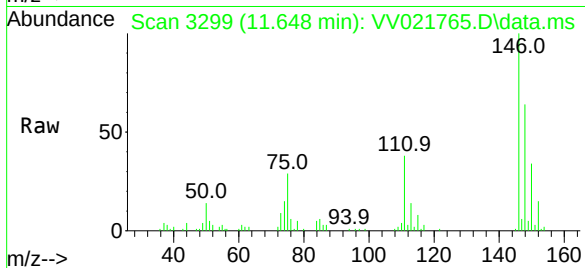




#67
1,2-Dichlorobenzene
Concen: 0.980 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.003 min
Lab File: VV021765.D
Acq: 11 Aug 2021 10:08

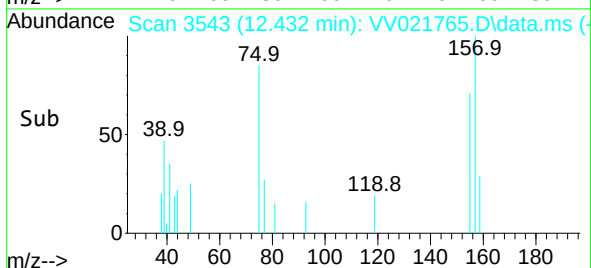
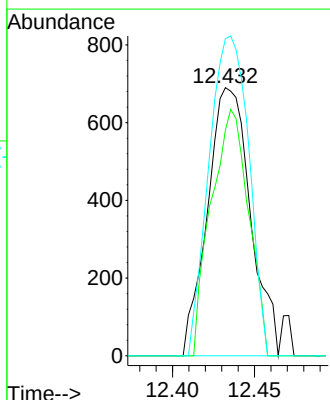
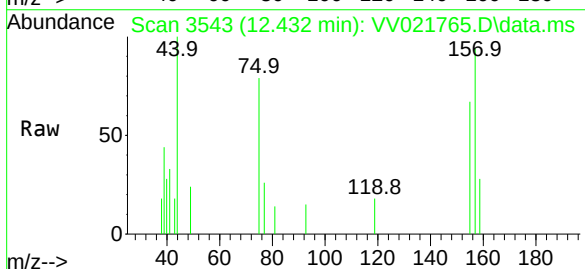
Instrument :
MSVOA_V
ClientSampled :

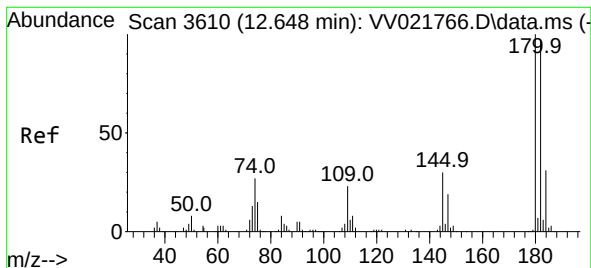
Tgt Ion:146 Resp: 25113
Ion Ratio Lower Upper
146 100
111 37.8 33.0 49.4
148 64.2 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 0.783 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. -0.000 min
Lab File: VV021765.D
Acq: 11 Aug 2021 10:08

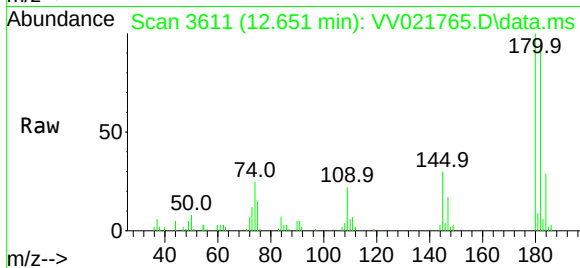
Tgt Ion: 75 Resp: 1256
Ion Ratio Lower Upper
75 100
155 84.2 75.0 112.6
157 118.3 101.8 152.8



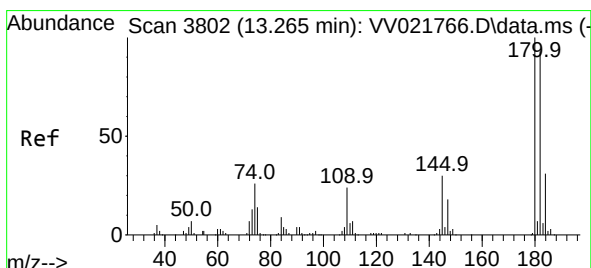
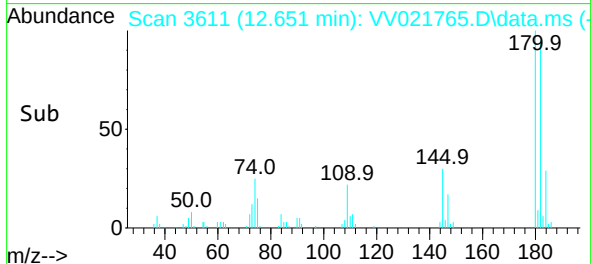
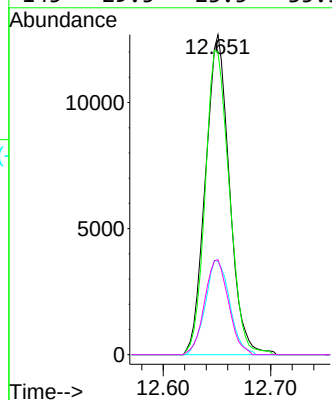


#69
 1,3,5-Trichlorobenzene
 Concen: 0.814 ug/L
 RT: 12.651 min Scan# 3611
 Delta R.T. 0.003 min
 Lab File: VV021765.D
 Acq: 11 Aug 2021 10:08

Instrument :
 MSVOA_V
 ClientSampled :

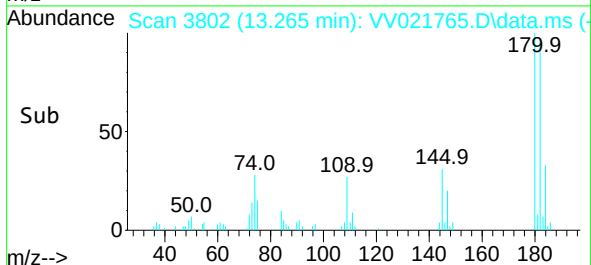
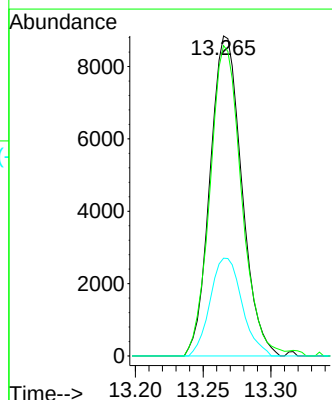
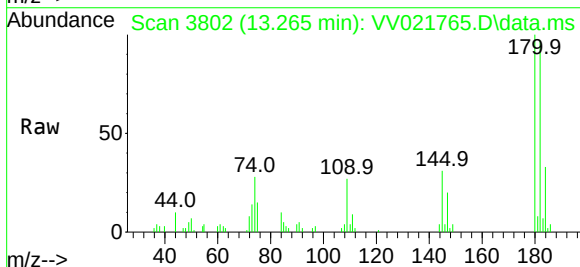


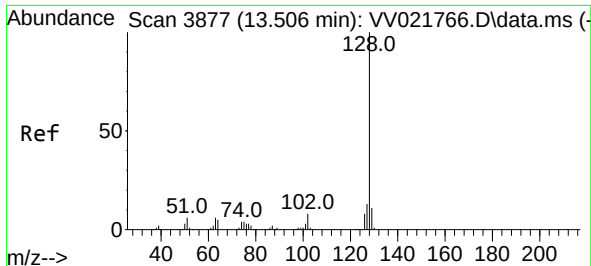
Tgt Ion:180 Resp: 19698
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.5 113.3
 184 29.9 24.0 36.0
 145 29.5 23.5 35.3



#70
 1,2,4-trichlorobenzene
 Concen: 0.719 ug/L
 RT: 13.265 min Scan# 3802
 Delta R.T. -0.000 min
 Lab File: VV021765.D
 Acq: 11 Aug 2021 10:08

Tgt Ion:180 Resp: 14351
 Ion Ratio Lower Upper
 180 100
 182 96.7 74.9 112.3
 145 30.8 23.8 35.8

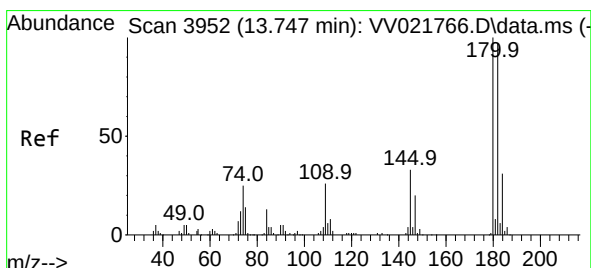
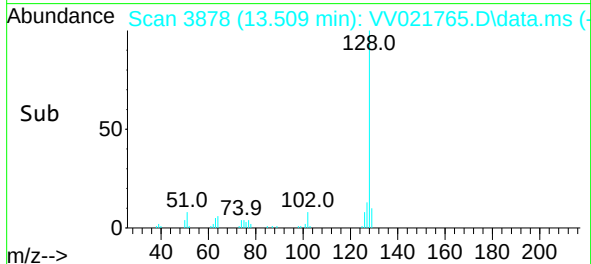
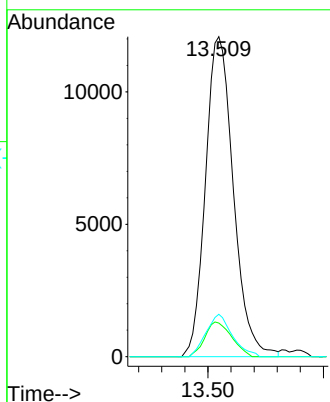
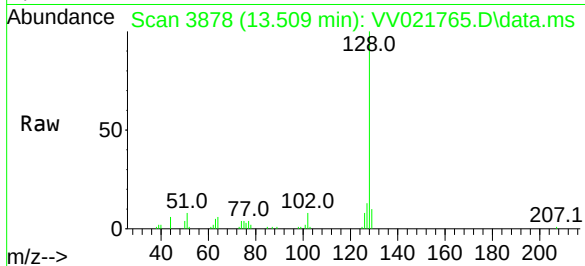




#71
Naphthalene
Concen: 0.652 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.003 min
Lab File: VV021765.D
Acq: 11 Aug 2021 10:08

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:	128	Resp:	20288
Ion Ratio	Lower	Upper	
128	100		
129	10.4	8.6	12.8
127	12.4	9.9	14.9



#72
1,2,3-Trichlorobenzene
Concen: 0.750 ug/L
RT: 13.751 min Scan# 3953
Delta R.T. 0.003 min
Lab File: VV021765.D
Acq: 11 Aug 2021 10:08

Tgt Ion:	180	Resp:	13341
Ion Ratio	Lower	Upper	
180	100		
182	94.0	77.0	115.4
145	30.7	25.6	38.4

