

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081121\
 Data File : VW021764.D
 Acq On : 11 Aug 2021 09:41
 Operator : SY/MD
 Sample : VSTD0.518
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 12 02:43:11 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	5.616	114	199449	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	187687	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	90719	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	3887	0.484	ug/L	0.00
7) Chloroethane-d5	1.561	69	4767	0.602	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.102	63	8329	0.538	ug/L	0.00
20) 2-Butanone-d5	3.966	46	5091	1.735	ug/L	0.04
24) Chloroform-d	4.352	84	11632	0.513	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.044	65	5445	0.524	ug/L	0.00
32) Benzene-d6	5.053	84	22410	0.512	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	7568	0.533	ug/L	0.00
41) Toluene-d8	7.323	98	20461	0.509	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.638	79	2091	0.372	ug/L	0.01
46) 2-Hexanone-d5	8.104	63	8175	3.050	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	4299	0.384	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.632	152	7963	0.528	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	6551	0.498	ug/L	98
3) Chloromethane	1.237	50	5999	0.522	ug/L	96
5) Vinyl chloride	1.304	62	5931	0.497	ug/L	99
6) Bromomethane	1.516	94	3829	0.492	ug/L	87
8) Chloroethane	1.581	64	4212	0.581	ug/L	88
9) Trichlorofluoromethane	1.748	101	8764	0.478	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	4801	0.480	ug/L	92
12) 1,1-Dichloroethene	2.111	96	4014	0.428	ug/L	95
13) Acetone	2.198	43	2810	1.628	ug/L	93
14) Carbon disulfide	2.285	76	12556	0.404	ug/L #	92
15) Methyl Acetate	2.442	43	1686	0.410	ug/L #	88
16) Methylene chloride	2.503	84	11798	0.746	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	12617	0.453	ug/L #	87
18) trans-1,2-Dichloroethene	2.757	96	5217	0.439	ug/L	97
19) 1,1-Dichloroethane	3.188	63	10359	0.489	ug/L	95
21) 2-Butanone	4.037	43	4353	1.520	ug/L #	71
22) cis-1,2-Dichloroethene	3.918	96	5932	0.457	ug/L	92
23) Bromochloromethane	4.256	128	2739	0.468	ug/L	87
25) Chloroform	4.378	83	11902	0.545	ug/L	98
27) 1,2-Dichloroethane	5.140	62	5515	0.467	ug/L	95
29) 1,1,1-Trichloroethane	4.606	97	8911	0.441	ug/L	98
30) Cyclohexane	4.674	56	8329	0.424	ug/L	96
31) Carbon tetrachloride	4.828	117	7842	0.430	ug/L	99
33) Benzene	5.101	78	21748	0.459	ug/L	100
34) Trichloroethene	5.918	95	6314	0.484	ug/L	92
35) Methylcyclohexane	6.130	83	8788	0.418	ug/L	97
37) 1,2-Dichloropropane	6.182	63	5822	0.491	ug/L	99
38) Bromodichloromethane	6.516	83	6694	0.418	ug/L #	95
39) cis-1,3-Dichloropropene	7.040	75	7132	0.382	ug/L	97
40) 4-Methyl-2-pentanone	7.236	43	30458	4.158	ug/L	98
42) Toluene	7.394	91	23354	0.448	ug/L	93
44) trans-1,3-Dichloropropene	7.664	75	6106	0.399	ug/L	98

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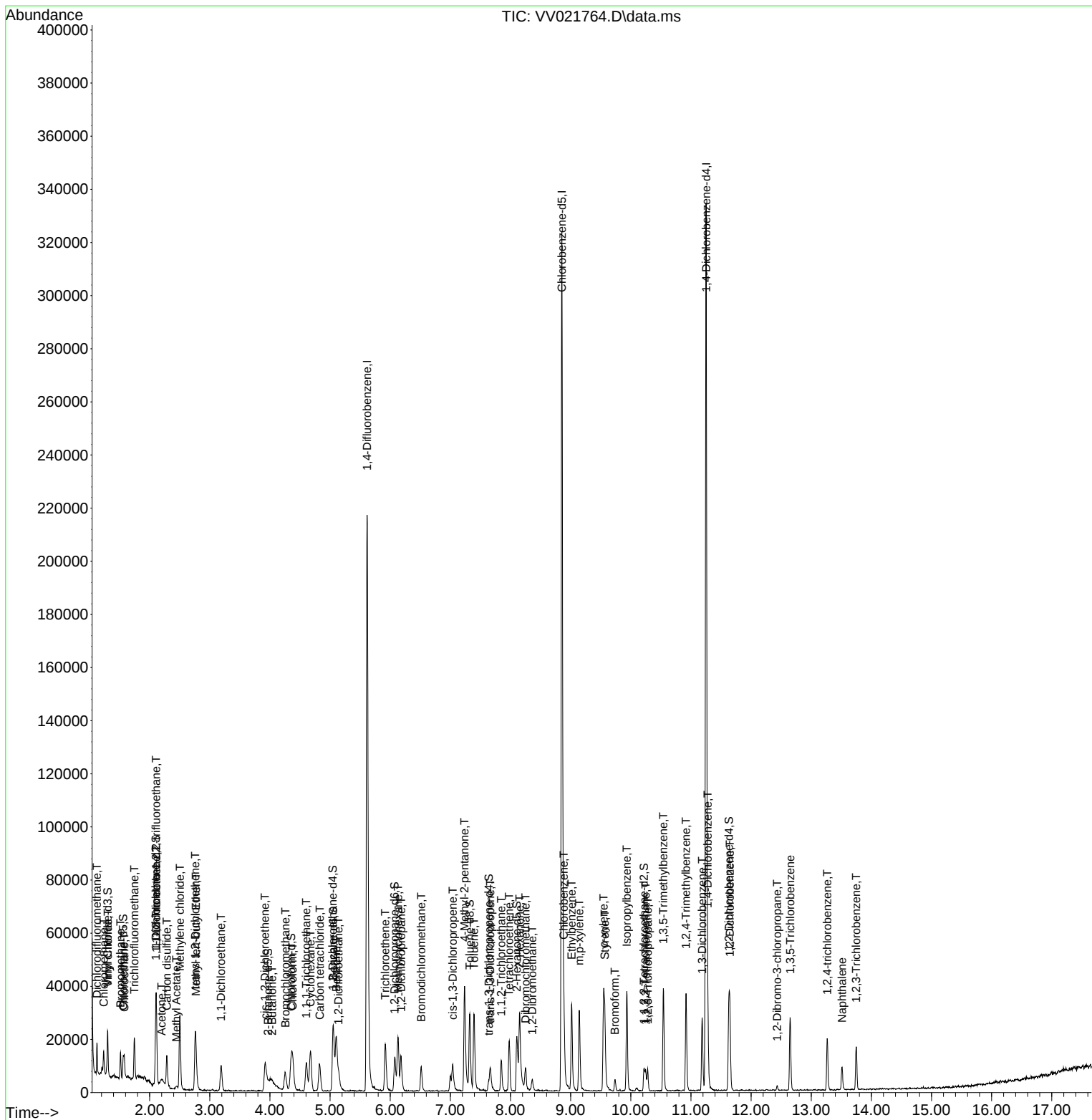
Quant Time: Aug 12 02:43:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 12 02:40:45 2021
 Response via : Initial Calibration

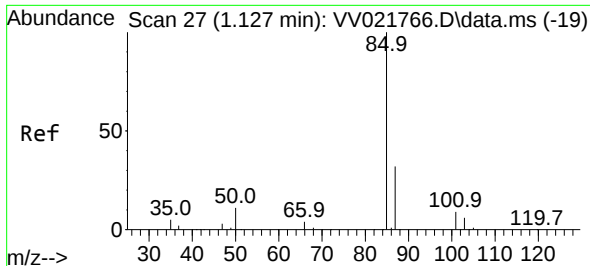
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.847	97	3888	0.440	ug/L	94
47) Tetrachloroethene	7.979	164	4663	0.401	ug/L	94
48) 2-Hexanone	8.153	43	20057	4.033	ug/L	98
49) Dibromochloromethane	8.249	129	4310	0.370	ug/L	89
50) 1,2-Dibromoethane	8.362	107	3736	0.443	ug/L #	78
51) Chlorobenzene	8.886	112	15828	0.459	ug/L	98
52) Ethylbenzene	9.018	91	23860	0.412	ug/L	100
53) m,p-xylene	9.143	106	9631	0.430	ug/L	85
54) o-xylene	9.548	106	9405	0.429	ug/L	97
55) Styrene	9.567	104	14400	0.391	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	3665	0.362	ug/L	90
59) Bromoform	9.738	173	2176	0.350	ug/L #	97
60) Isopropylbenzene	9.934	105	24834	0.477	ug/L	99
61) 1,2,3-Trichloropropane	10.281	75	3227	0.502	ug/L	95
62) 1,3,5-Trimethylbenzene	10.542	105	20590	0.468	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	20618	0.457	ug/L	100
64) 1,3-Dichlorobenzene	11.188	146	11921	0.467	ug/L	97
65) 1,4-Dichlorobenzene	11.278	146	12043	0.471	ug/L	96
67) 1,2-Dichlorobenzene	11.648	146	11073	0.466	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.432	75	544	0.365	ug/L #	70
69) 1,3,5-Trichlorobenzene	12.651	180	9260	0.412	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	6587	0.355	ug/L	98
71) Naphthalene	13.513	128	7930	0.274	ug/L	96
72) 1,2,3-Trichlorobenzene	13.747	180	5065	0.307	ug/L	94

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

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QLast Update : Thu Aug 12 02:40:45 2021
Response via : Initial Calibration

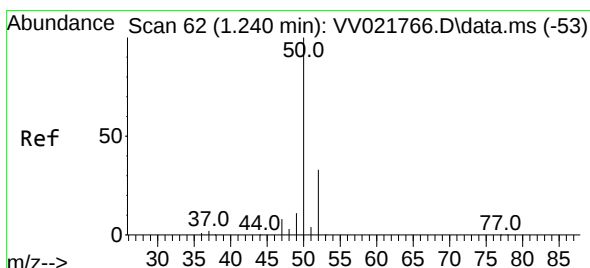
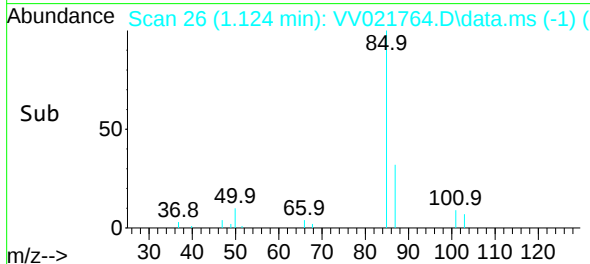
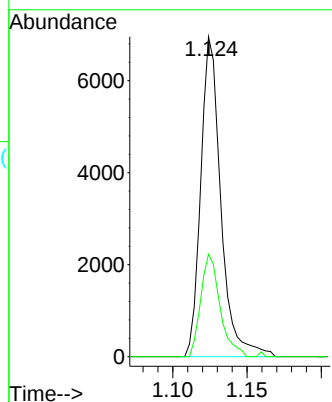
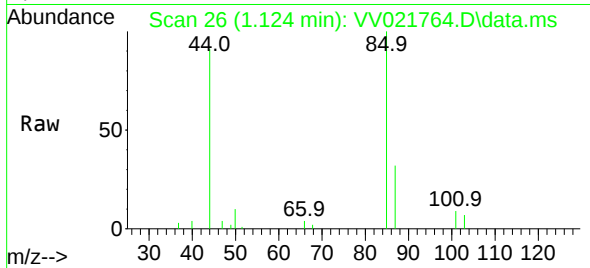




#2
Dichlorodifluoromethane
Concen: 0.498 ug/L
RT: 1.124 min Scan# 26
Delta R.T. -0.003 min
Lab File: VV021764.D
Acq: 11 Aug 2021 09:41

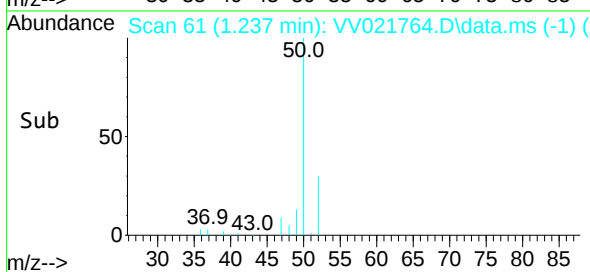
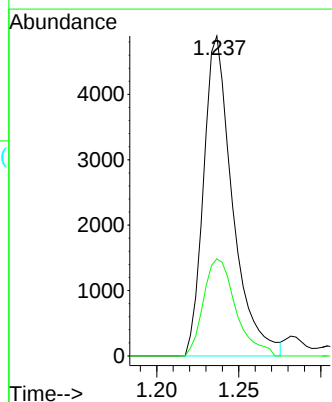
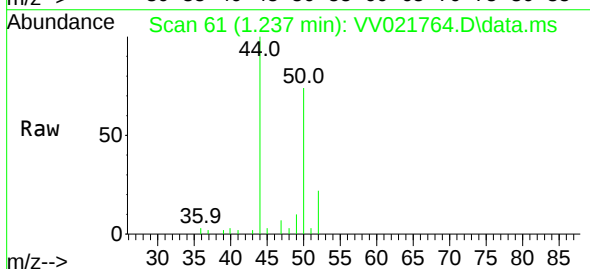
Instrument :
MSVOA_V
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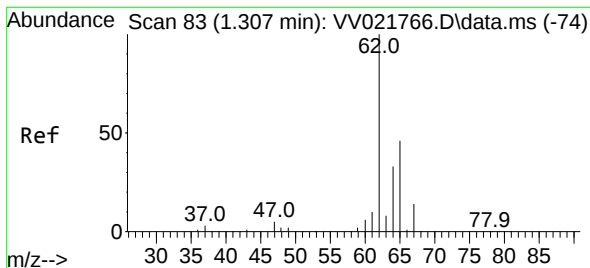
Tgt Ion: 85 Resp: 6551
Ion Ratio Lower Upper
85 100
87 30.7 25.5 38.3



#3
Chloromethane
Concen: 0.522 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV021764.D
Acq: 11 Aug 2021 09:41

Tgt Ion: 50 Resp: 5999
Ion Ratio Lower Upper
50 100
52 30.3 22.7 42.3

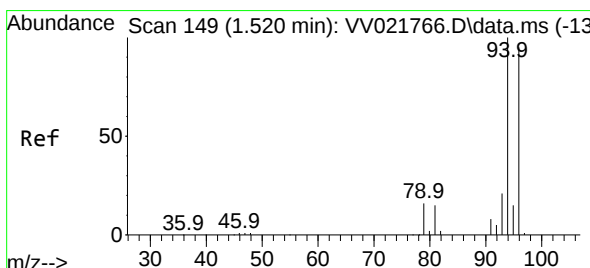
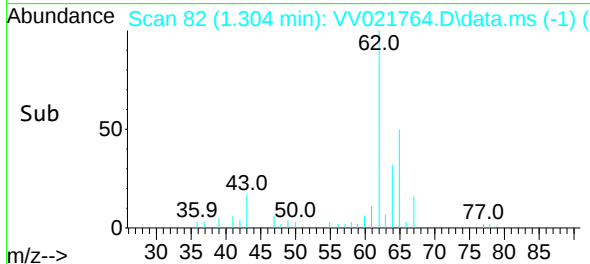
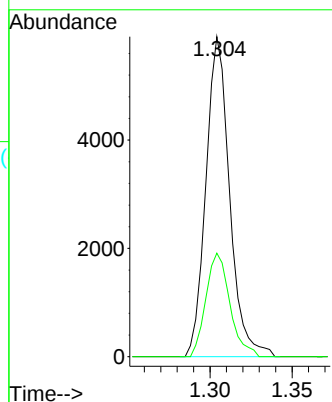
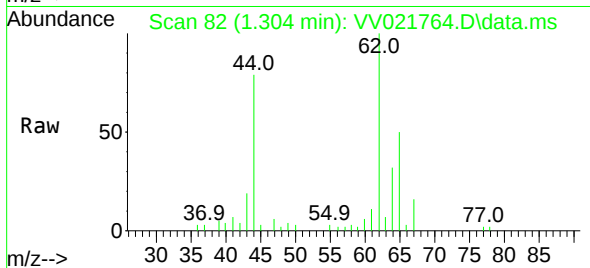




#5
 Vinyl chloride
 Concen: 0.497 ug/L
 RT: 1.304 min Scan# 82
 Delta R.T. -0.003 min
 Lab File: VV021764.D
 Acq: 11 Aug 2021 09:41

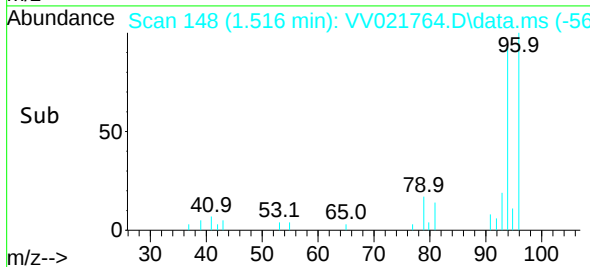
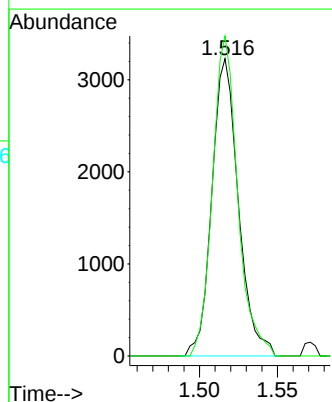
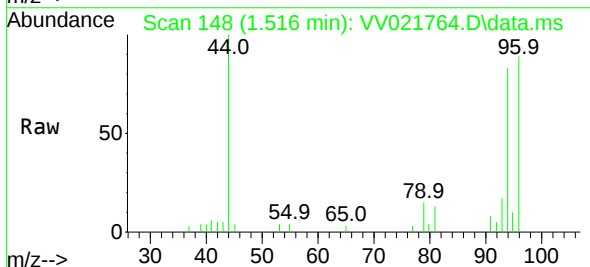
Instrument :
 MSVOA_V
 ClientSampled :

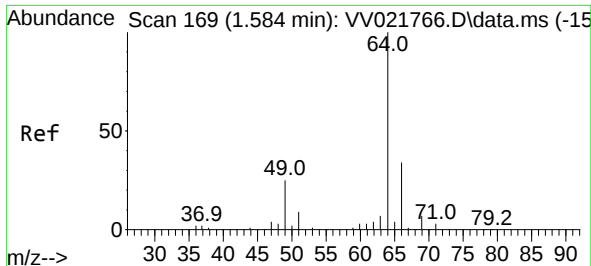
Tgt Ion: 62 Resp: 5931
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.0 42.8



#6
 Bromomethane
 Concen: 0.492 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.003 min
 Lab File: VV021764.D
 Acq: 11 Aug 2021 09:41

Tgt Ion: 94 Resp: 3829
 Ion Ratio Lower Upper
 94 100
 96 107.6 66.2 123.0

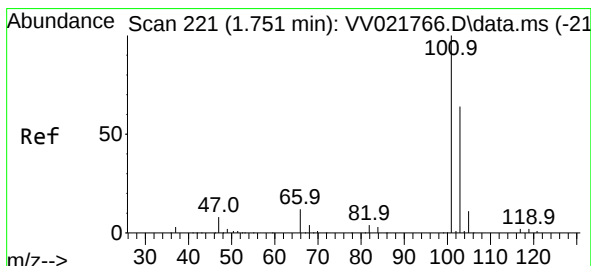
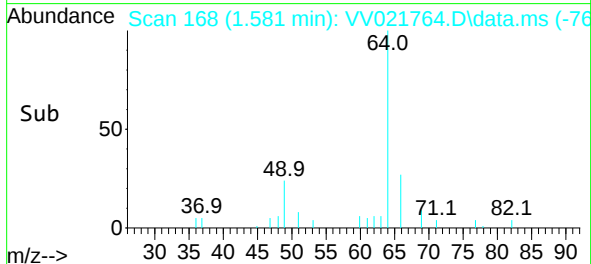
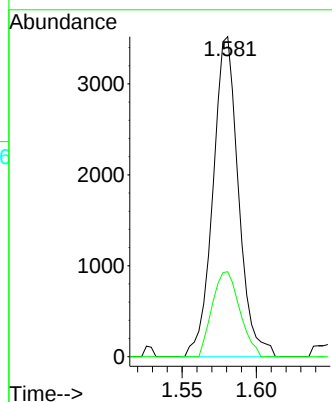
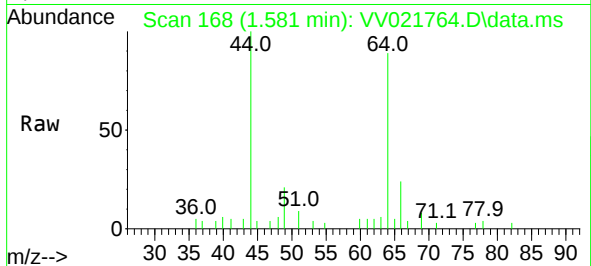




#8
Chloroethane
Concen: 0.581 ug/L
RT: 1.581 min Scan# 168
Delta R.T. -0.003 min
Lab File: VV021764.D
Acq: 11 Aug 2021 09:41

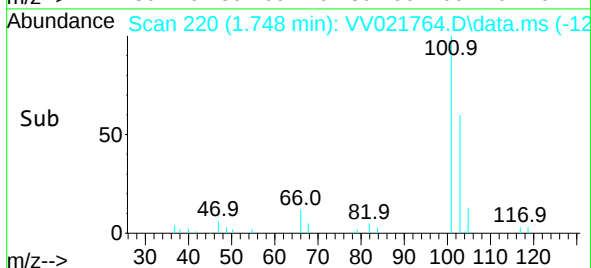
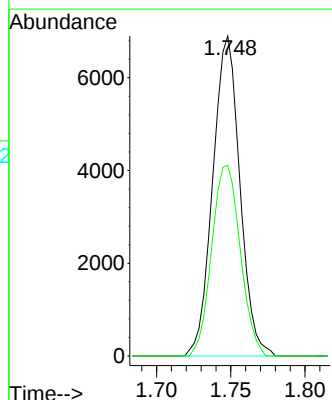
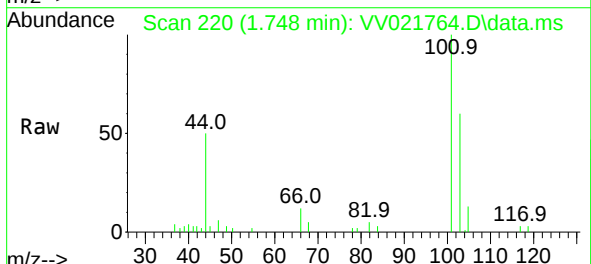
Instrument :
MSVOA_V
ClientSampleId :

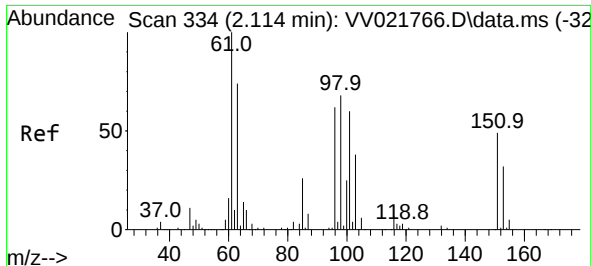
Tgt Ion: 64 Resp: 4212
Ion Ratio Lower Upper
64 100
66 26.5 23.5 43.7



#9
Trichlorofluoromethane
Concen: 0.478 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV021764.D
Acq: 11 Aug 2021 09:41

Tgt Ion:101 Resp: 8764
Ion Ratio Lower Upper
101 100
103 62.6 51.0 76.6





#10

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

Concen: 0.480 ug/L

RT: 2.108 min Scan# 332

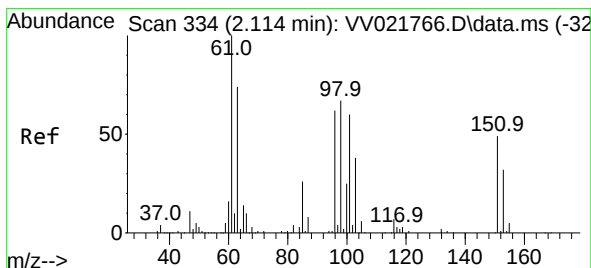
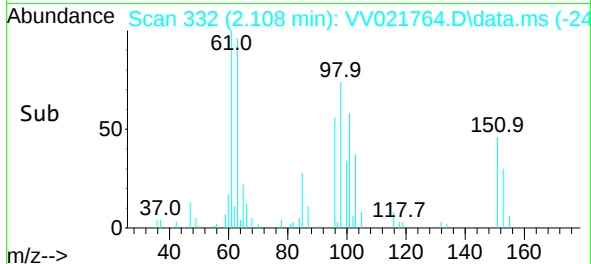
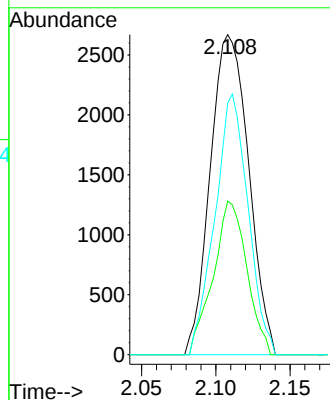
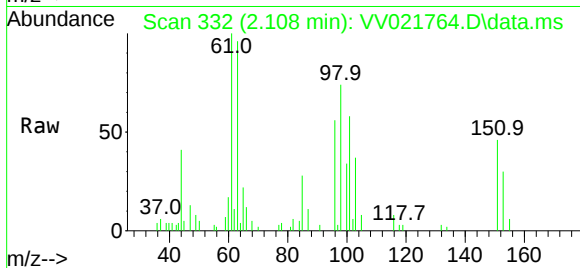
Delta R.T. -0.006 min

Lab File: VV021764.D

Acq: 11 Aug 2021 09:41

Tgt Ion:	101	Resp:	4801
Ion	Ratio	Lower	Upper
101	100		
85	42.1	34.3	51.5
151	70.6	64.5	96.7

Instrument :
MSVOA_V
ClientSampled :



#12

1,1-Dichloroethene

Concen: 0.428 ug/L

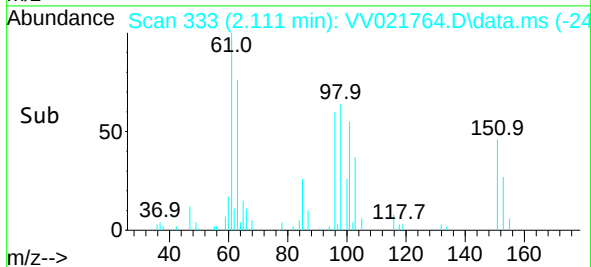
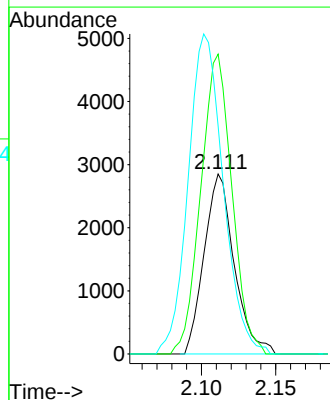
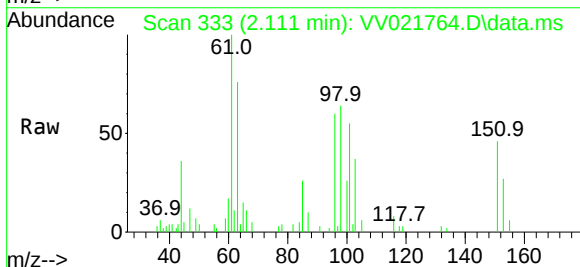
RT: 2.111 min Scan# 333

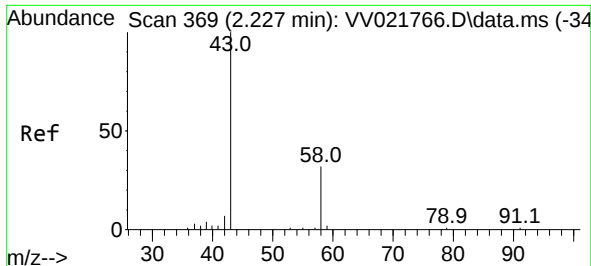
Delta R.T. -0.003 min

Lab File: VV021764.D

Acq: 11 Aug 2021 09:41

Tgt Ion:	96	Resp:	4014
Ion	Ratio	Lower	Upper
96	100		
61	166.5	113.3	210.3
63	126.6	84.1	156.1

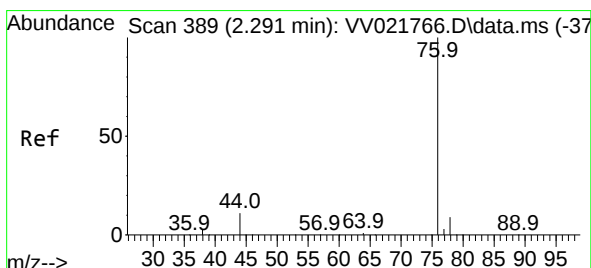
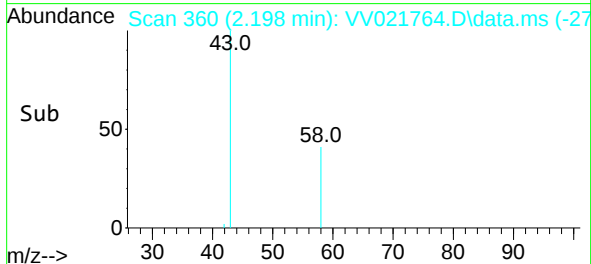
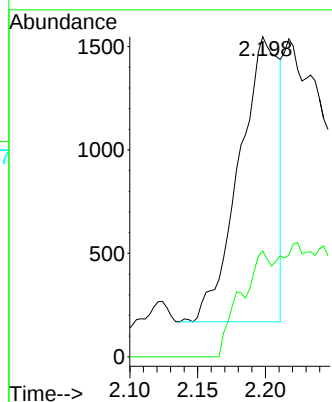
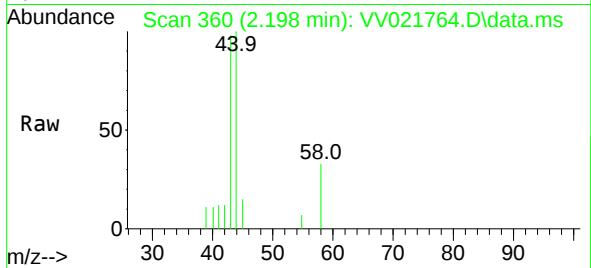




#13
Acetone
Concen: 1.628 ug/L
RT: 2.198 min Scan# 360
Delta R.T. -0.029 min
Lab File: VV021764.D
Acq: 11 Aug 2021 09:41

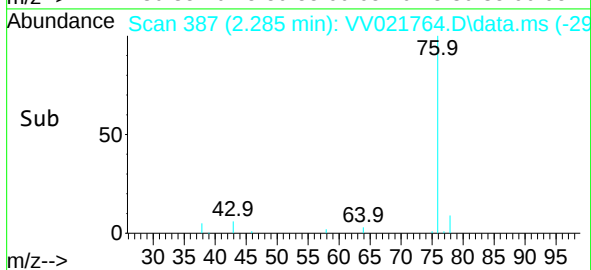
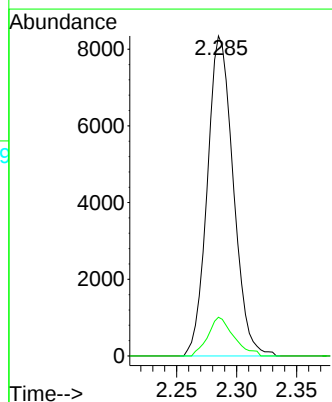
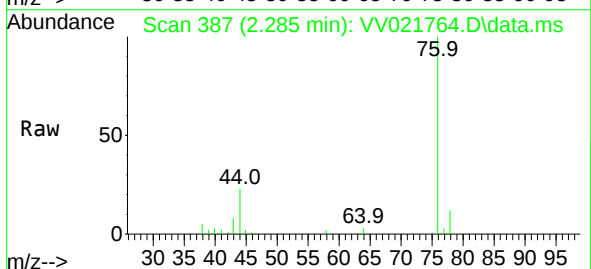
Instrument :
MSVOA_V
ClientSampled :

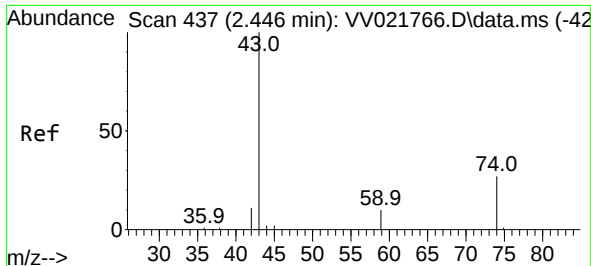
Tgt Ion: 43 Resp: 2810
Ion Ratio Lower Upper
43 100
58 28.0 0.0 64.2



#14
Carbon disulfide
Concen: 0.404 ug/L
RT: 2.285 min Scan# 387
Delta R.T. -0.006 min
Lab File: VV021764.D
Acq: 11 Aug 2021 09:41

Tgt Ion: 76 Resp: 12556
Ion Ratio Lower Upper
76 100
78 12.1 7.4 11.2#

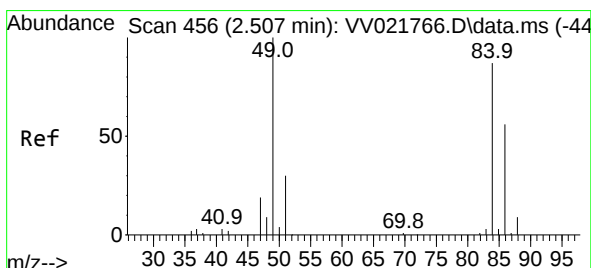
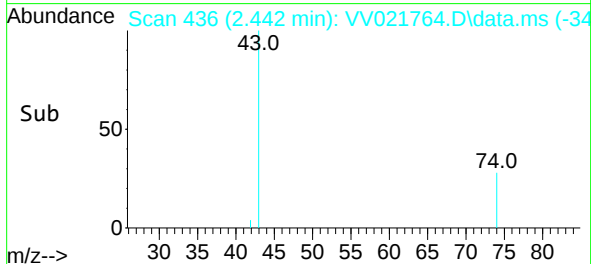
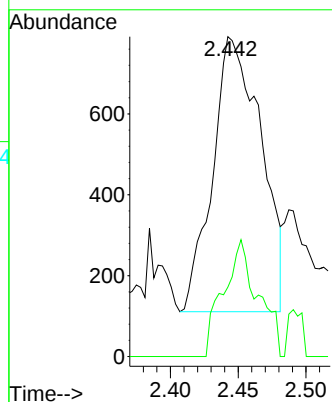
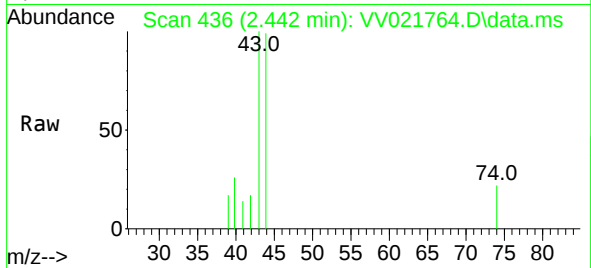




#15
Methyl Acetate
Concen: 0.410 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.003 min
Lab File: VV021764.D
Acq: 11 Aug 2021 09:41

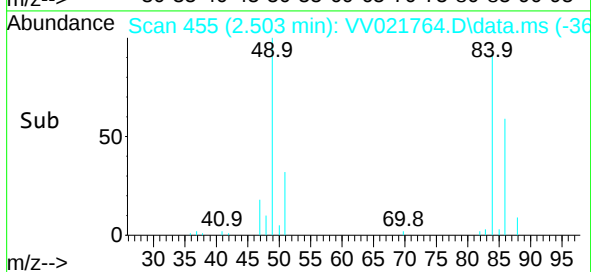
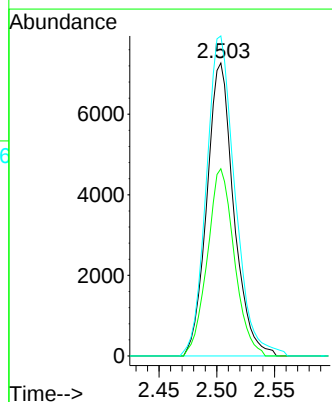
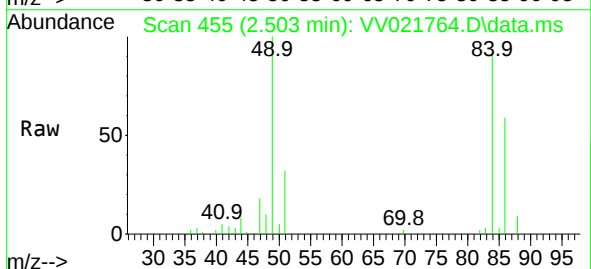
Instrument :
MSVOA_V
ClientSampled :

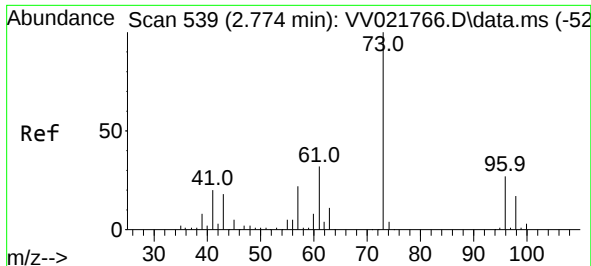
Tgt Ion: 43 Resp: 1686
Ion Ratio Lower Upper
43 100
74 30.5 19.4 29.2#



#16
Methylene chloride
Concen: 0.746 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV021764.D
Acq: 11 Aug 2021 09:41

Tgt Ion: 84 Resp: 11798
Ion Ratio Lower Upper
84 100
86 63.9 44.7 83.1
49 109.3 80.2 149.0



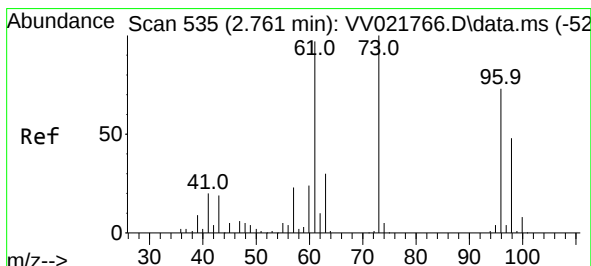
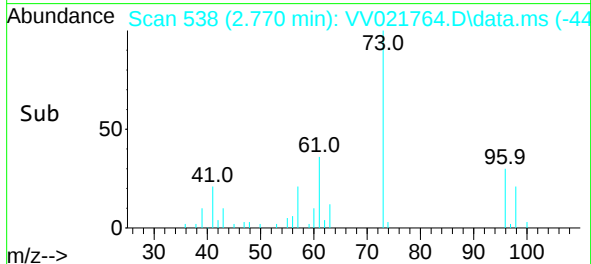
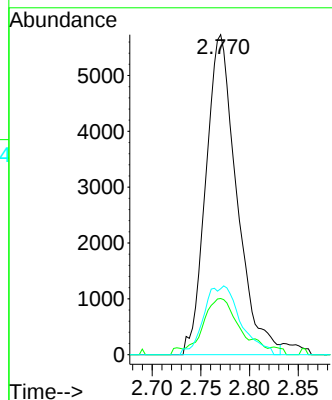
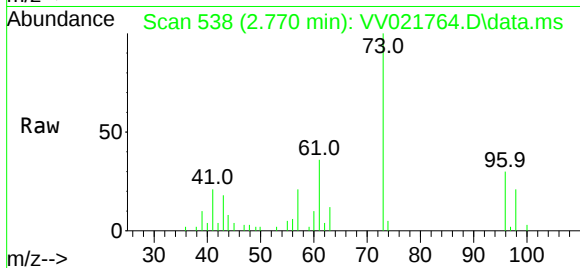


#17

Methyl tert-butyl Ether
 Concen: 0.453 ug/L
 RT: 2.770 min Scan# 538
 Delta R.T. -0.003 min
 Lab File: VV021764.D
 Acq: 11 Aug 2021 09:41

Instrument :
 MSVOA_V
 ClientSampleId :

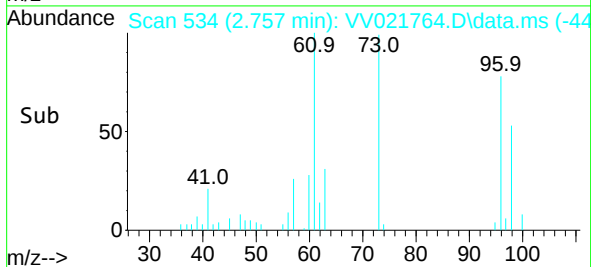
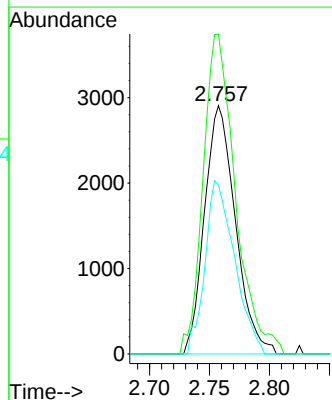
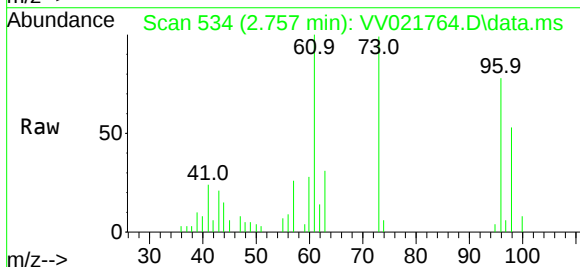
Tgt Ion: 73	Resp: 12617
Ion Ratio	Lower Upper
73 100	
43 18.2	14.6 22.0
57 10.7	17.8 26.8#

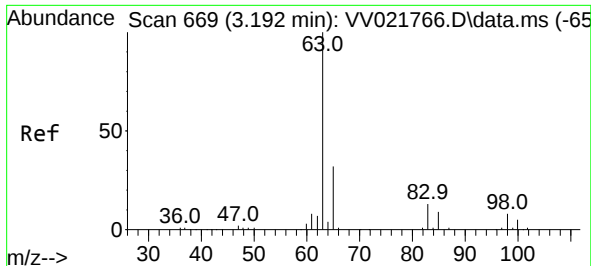


#18

trans-1,2-Dichloroethene
 Concen: 0.439 ug/L
 RT: 2.757 min Scan# 534
 Delta R.T. -0.003 min
 Lab File: VV021764.D
 Acq: 11 Aug 2021 09:41

Tgt Ion: 96	Resp: 5217
Ion Ratio	Lower Upper
96 100	
61 128.8	92.9 172.5
98 68.0	46.2 85.8





#19

1,1-Dichloroethane

Concen: 0.489 ug/L

RT: 3.188 min Scan# 668

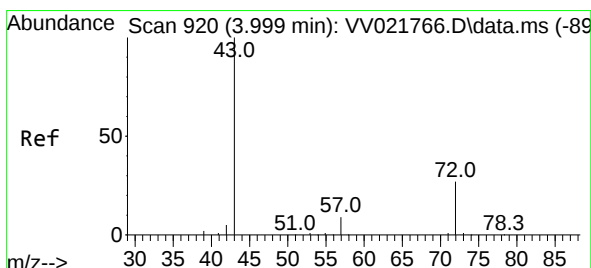
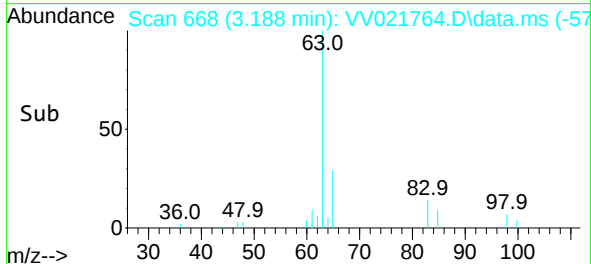
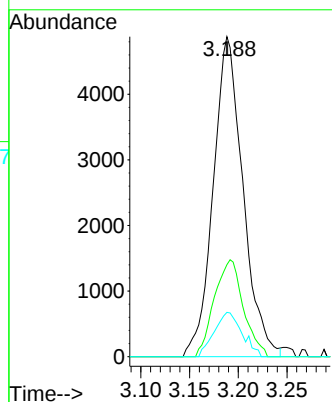
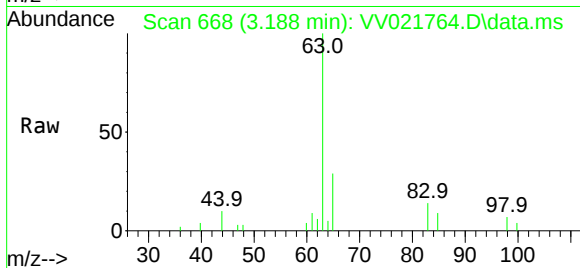
Delta R.T. -0.003 min

Lab File: VV021764.D

Acq: 11 Aug 2021 09:41

Tgt Ion: 63 Resp: 10359

Ion	Ratio	Lower	Upper
63	100		
65	28.8	22.5	41.7
83	13.9	9.2	17.0



#21

2-Butanone

Concen: 1.520 ug/L

RT: 4.037 min Scan# 932

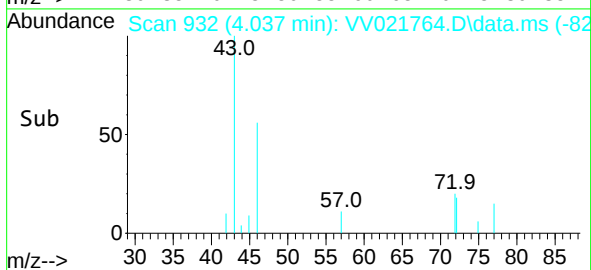
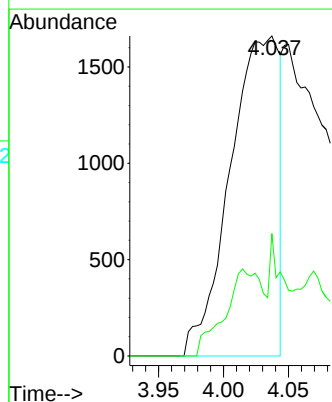
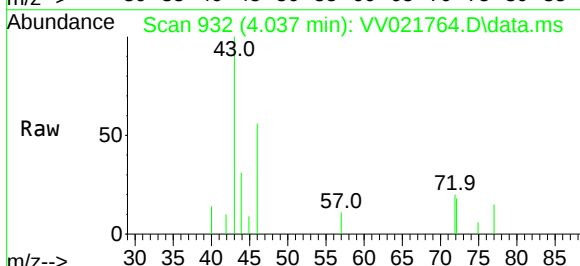
Delta R.T. 0.039 min

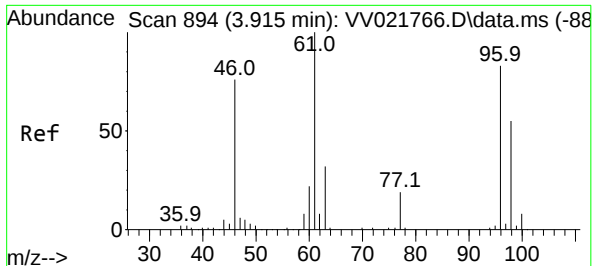
Lab File: VV021764.D

Acq: 11 Aug 2021 09:41

Tgt Ion: 43 Resp: 4353

Ion	Ratio	Lower	Upper
43	100		
72	11.3	13.1	39.1#





#22

cis-1,2-Dichloroethene

Concen: 0.457 ug/L

RT: 3.918 min Scan# 895

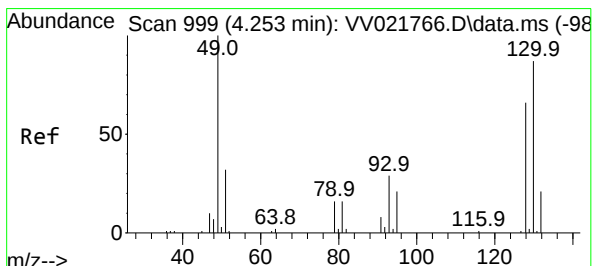
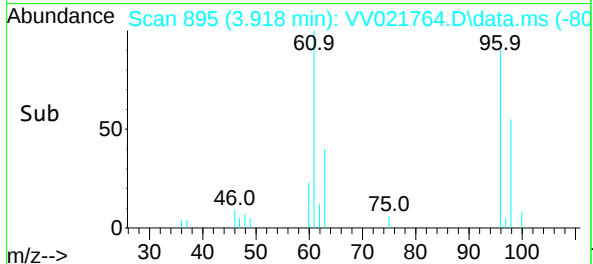
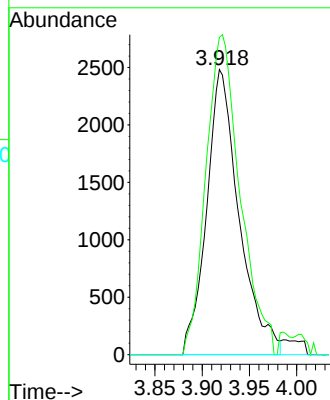
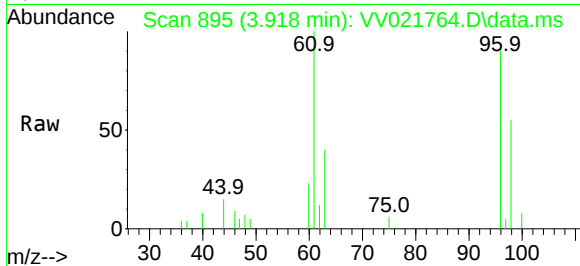
Delta R.T. 0.003 min

Lab File: VV021764.D

Acq: 11 Aug 2021 09:41

Tgt Ion: 96 Resp: 5932

Ion	Ratio	Lower	Upper
96	100		
61	111.3	84.5	156.9
68	0.0	0.0	0.0



#23

Bromochloromethane

Concen: 0.468 ug/L

RT: 4.256 min Scan# 1000

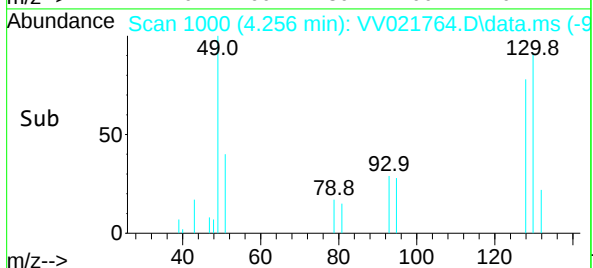
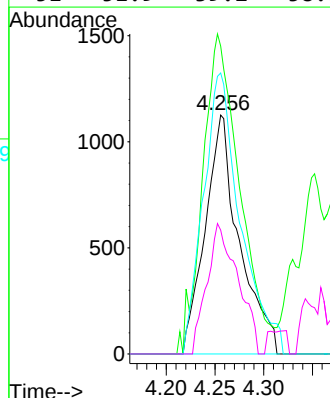
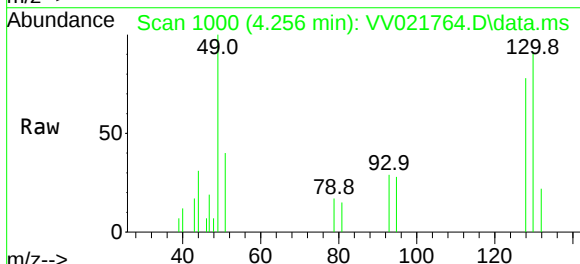
Delta R.T. 0.003 min

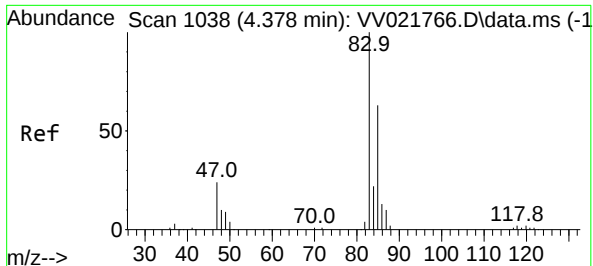
Lab File: VV021764.D

Acq: 11 Aug 2021 09:41

Tgt Ion: 128 Resp: 2739

Ion	Ratio	Lower	Upper
128	100		
49	128.9	106.0	196.9
130	117.6	92.0	170.8
51	51.9	39.2	58.8





#25

Chloroform

Concen: 0.545 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VV021764.D

Acq: 11 Aug 2021 09:41

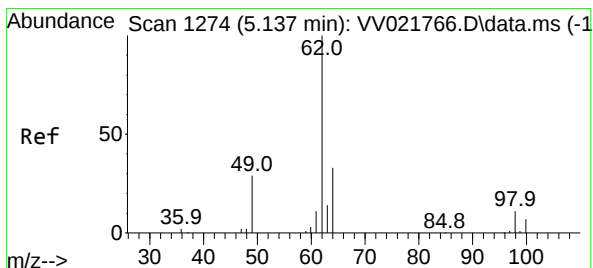
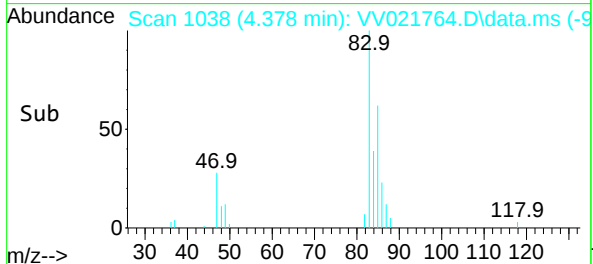
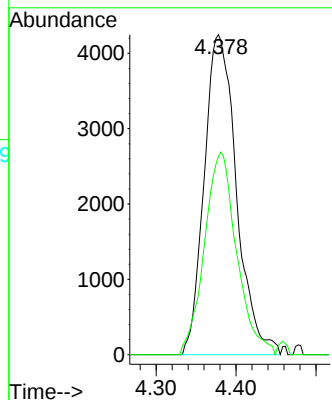
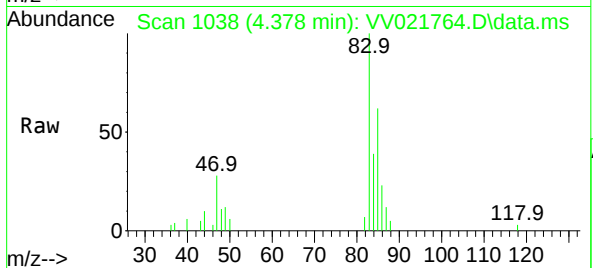
Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 83 Resp: 11902

Ion Ratio Lower Upper

83 100

85 62.0 44.2 82.2



#27

1,2-Dichloroethane

Concen: 0.467 ug/L

RT: 5.140 min Scan# 1275

Delta R.T. 0.003 min

Lab File: VV021764.D

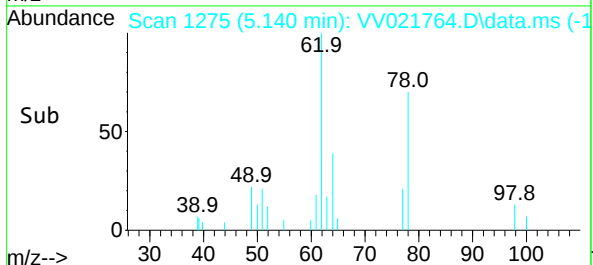
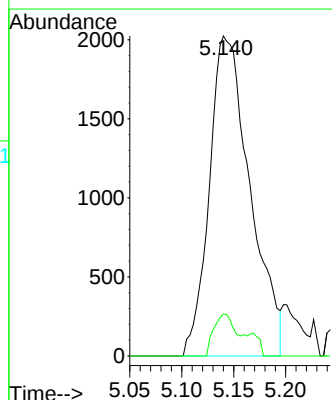
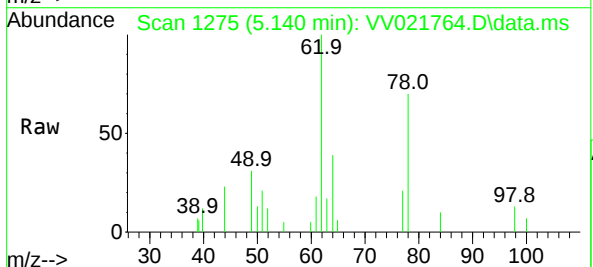
Acq: 11 Aug 2021 09:41

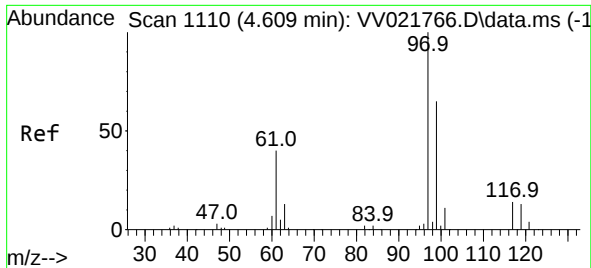
Tgt Ion: 62 Resp: 5515

Ion Ratio Lower Upper

62 100

98 13.1 9.0 13.6

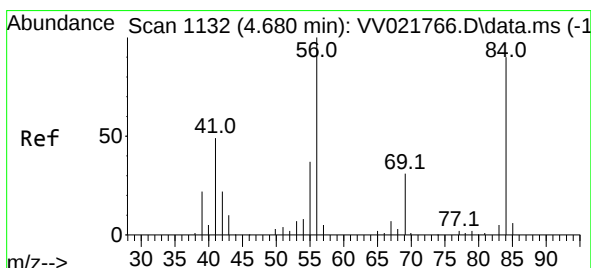
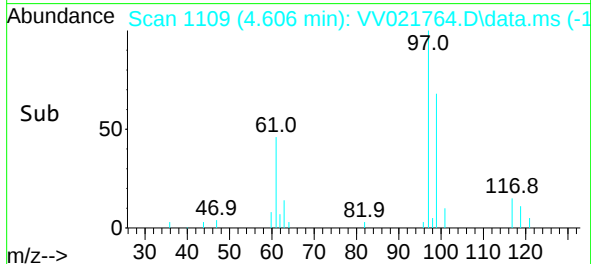
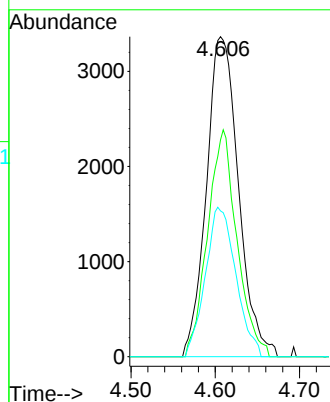
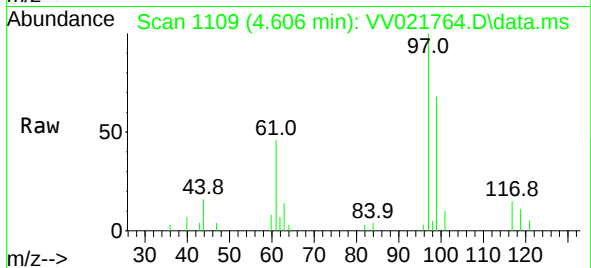




#29
1,1,1-Trichloroethane
Concen: 0.441 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.003 min
Lab File: VV021764.D
Acq: 11 Aug 2021 09:41

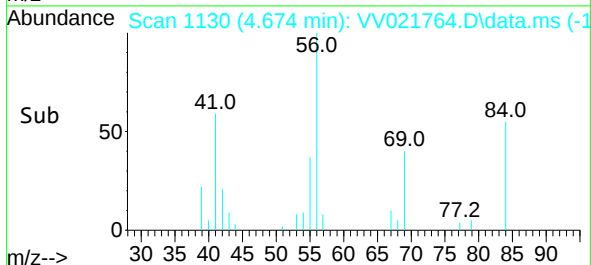
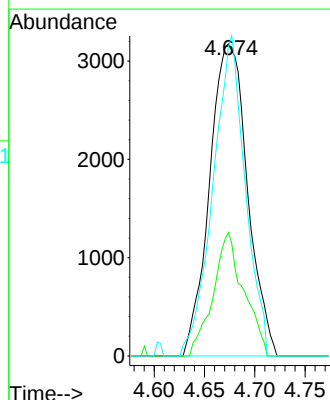
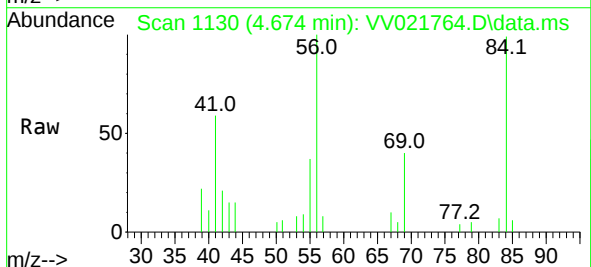
Instrument :
MSVOA_V
ClientSampled :

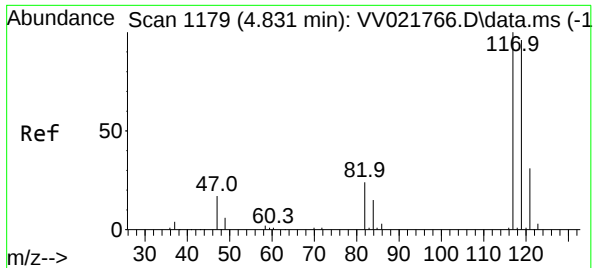
Tgt Ion:	97	Resp:	8911
Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.0	78.0
61	44.4	32.6	48.8



#30
Cyclohexane
Concen: 0.424 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VV021764.D
Acq: 11 Aug 2021 09:41

Tgt Ion:	56	Resp:	8329
Ion	Ratio	Lower	Upper
56	100		
69	32.0	24.2	36.2
84	86.9	72.7	109.1

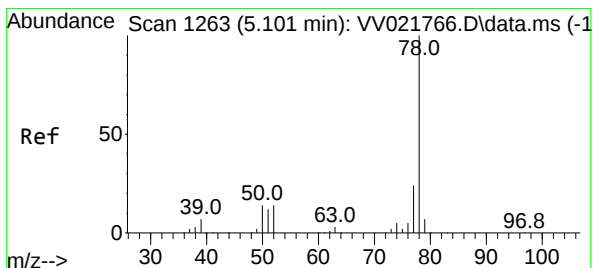
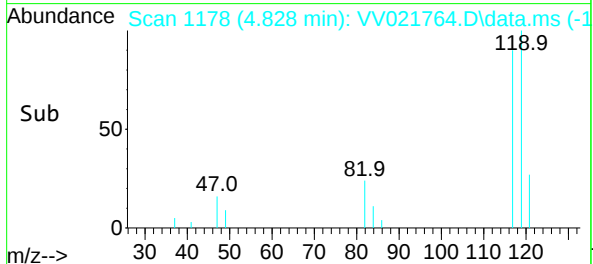
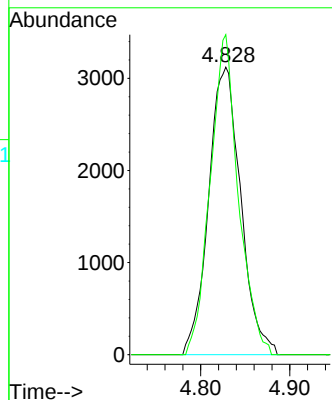
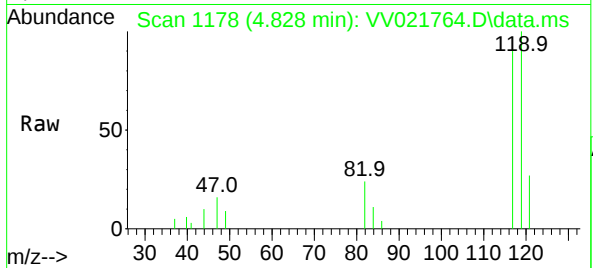




#31
Carbon tetrachloride
Concen: 0.430 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VV021764.D
Acq: 11 Aug 2021 09:41

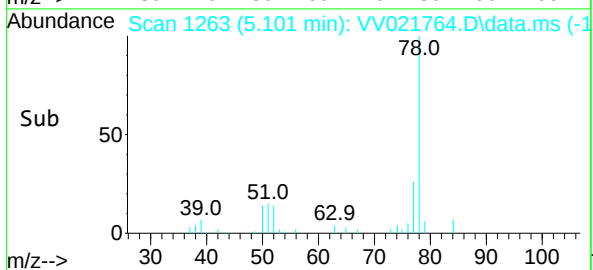
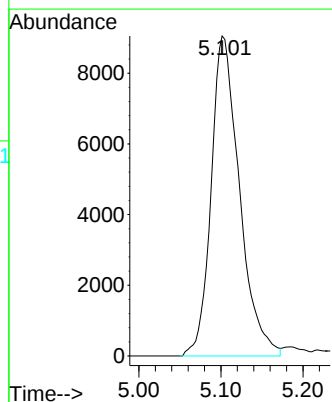
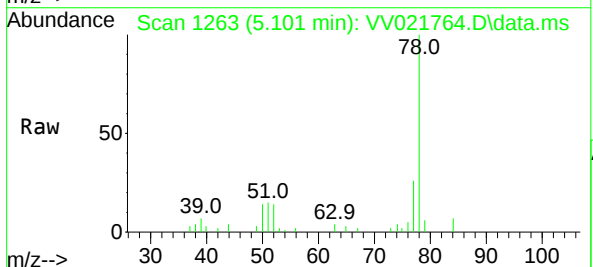
Instrument :
MSVOA_V
ClientSampled :

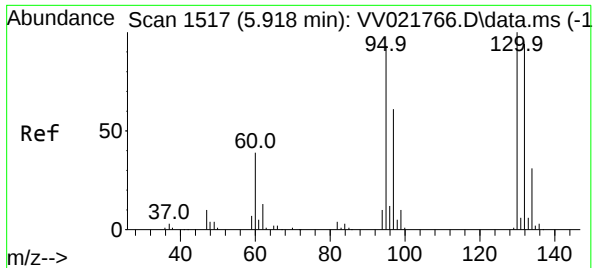
Tgt Ion:117 Resp: 7842
Ion Ratio Lower Upper
117 100
119 97.3 77.3 115.9



#33
Benzene
Concen: 0.459 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV021764.D
Acq: 11 Aug 2021 09:41

Tgt Ion: 78 Resp: 21748



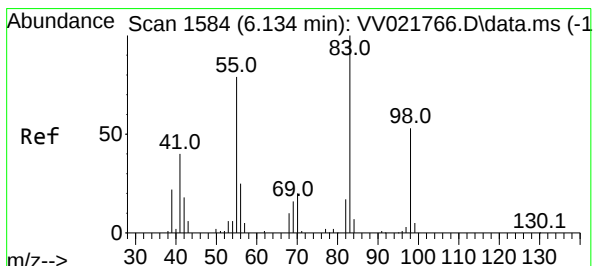
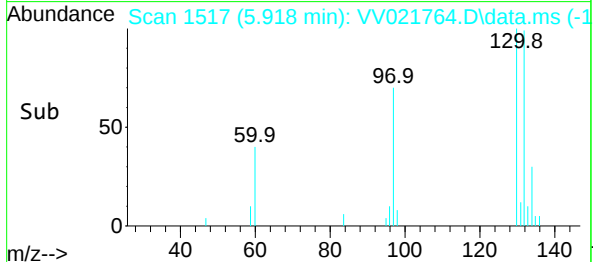
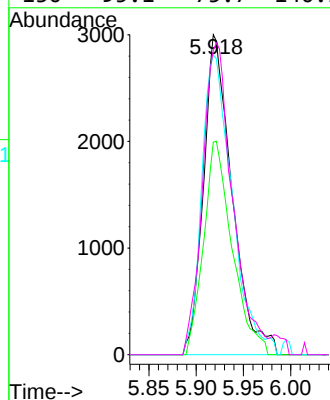
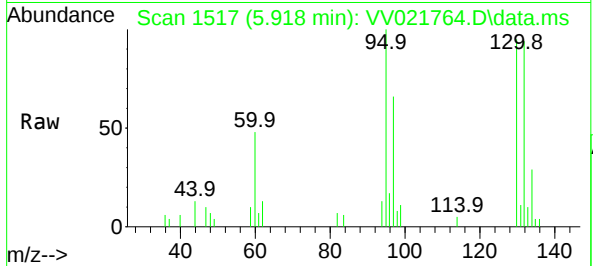


#34
Trichloroethene
Concen: 0.484 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV021764.D
Acq: 11 Aug 2021 09:41

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 95 Resp: 6314

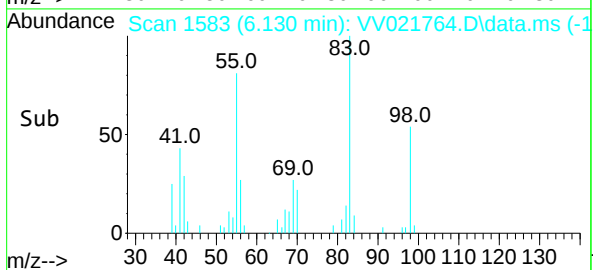
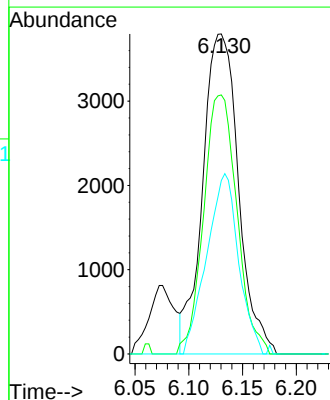
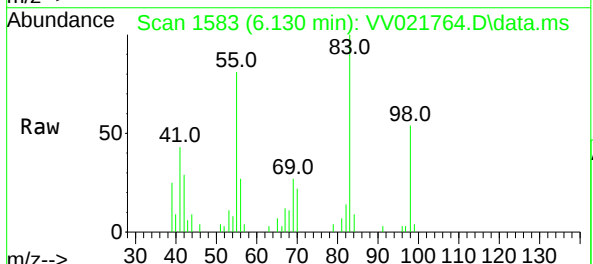
Ion	Ratio	Lower	Upper
95	100		
97	66.4	46.1	85.5
132	93.7	71.4	132.6
130	95.1	75.7	140.5

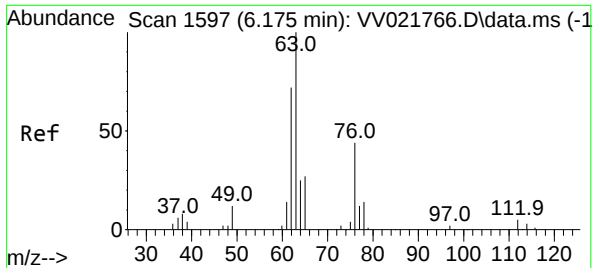


#35
Methylcyclohexane
Concen: 0.418 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.003 min
Lab File: VV021764.D
Acq: 11 Aug 2021 09:41

Tgt Ion: 83 Resp: 8788

Ion	Ratio	Lower	Upper
83	100		
55	75.4	57.8	86.6
98	50.0	38.5	57.7

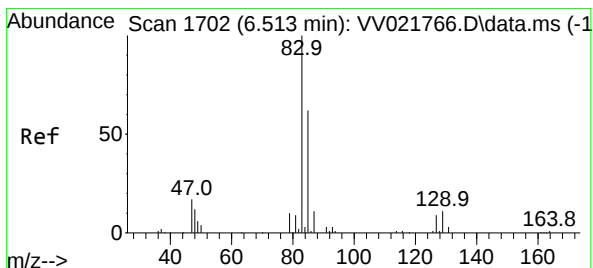
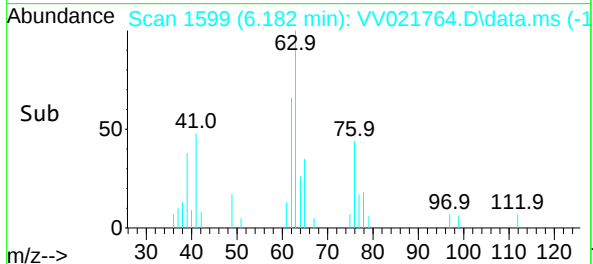
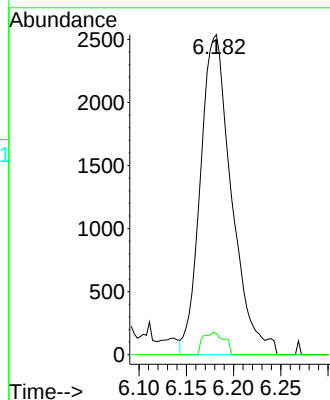
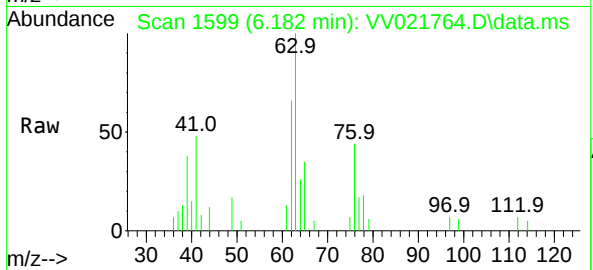




#37
1,2-Dichloropropane
Concen: 0.491 ug/L
RT: 6.182 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VV021764.D
Acq: 11 Aug 2021 09:41

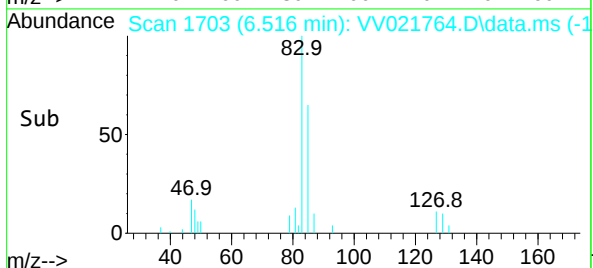
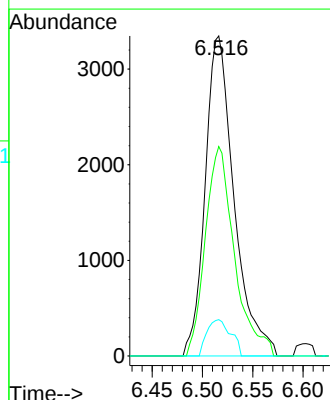
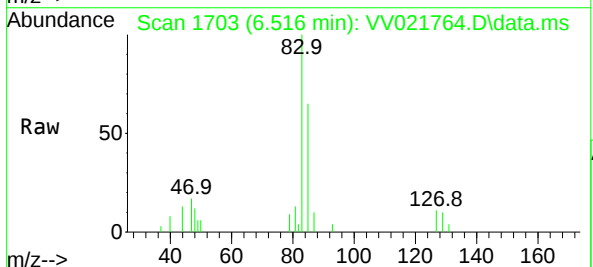
Instrument :
MSVOA_V
ClientSampled :

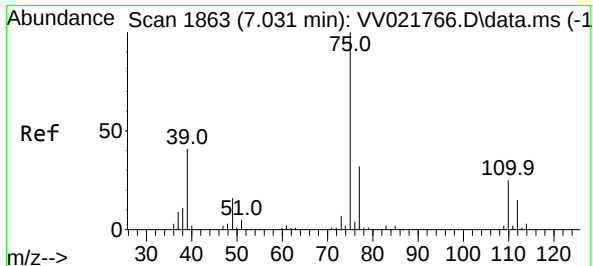
Tgt Ion: 63 Resp: 5822
Ion Ratio Lower Upper
63 100
112 4.8 4.0 6.0



#38
Bromodichloromethane
Concen: 0.418 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.003 min
Lab File: VV021764.D
Acq: 11 Aug 2021 09:41

Tgt Ion: 83 Resp: 6694
Ion Ratio Lower Upper
83 100
85 65.4 43.5 80.7
127 11.4 6.9 10.3#

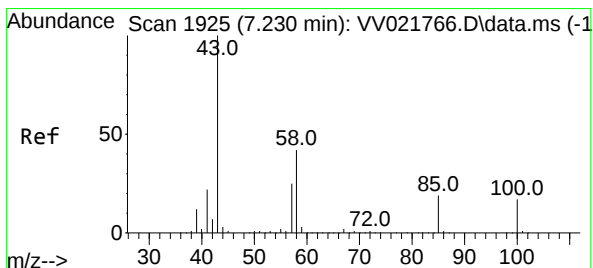
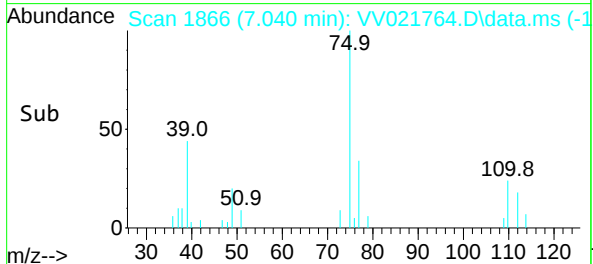
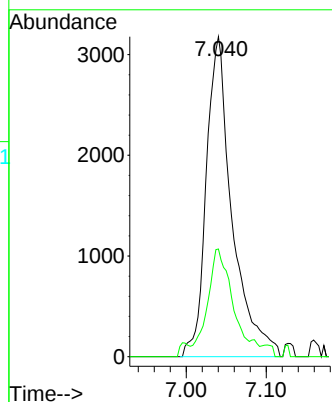
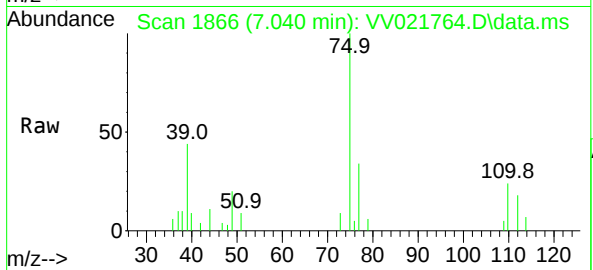




#39
 cis-1,3-Dichloropropene
 Concen: 0.382 ug/L
 RT: 7.040 min Scan# 1866
 Delta R.T. 0.010 min
 Lab File: VV021764.D
 Acq: 11 Aug 2021 09:41

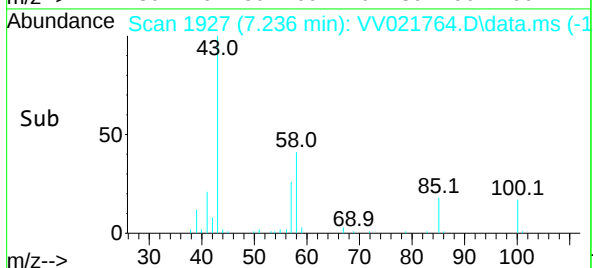
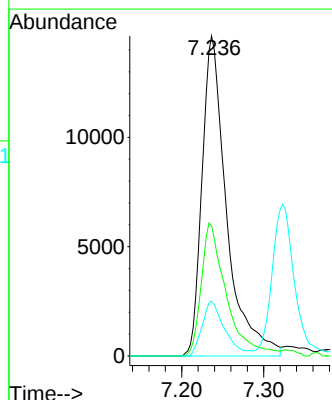
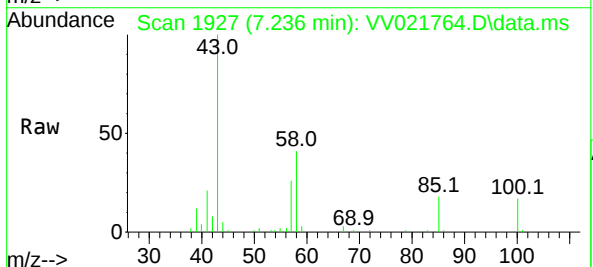
Instrument :
 MSVOA_V
 ClientSampled :

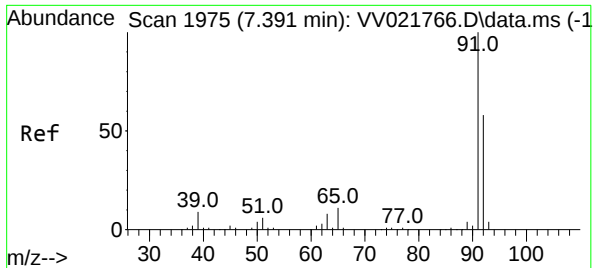
Tgt Ion: 75 Resp: 7132
 Ion Ratio Lower Upper
 75 100
 77 33.6 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 4.158 ug/L
 RT: 7.236 min Scan# 1927
 Delta R.T. 0.006 min
 Lab File: VV021764.D
 Acq: 11 Aug 2021 09:41

Tgt Ion: 43 Resp: 30458
 Ion Ratio Lower Upper
 43 100
 58 42.4 32.9 49.3
 100 15.7 13.5 20.3

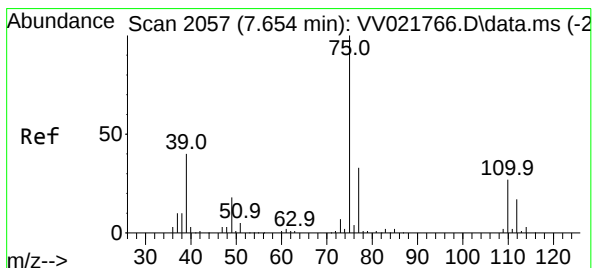
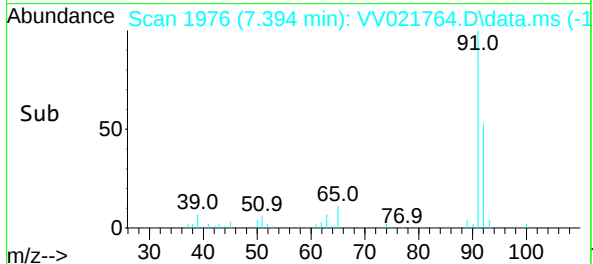
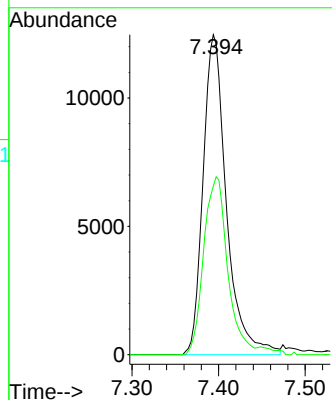
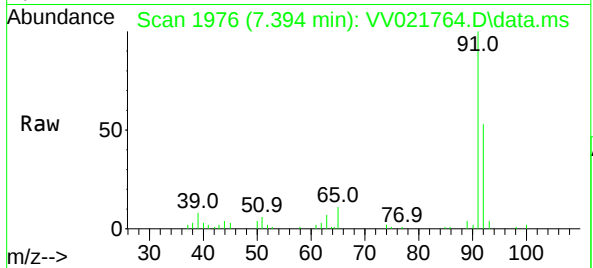




#42
Toluene
Concen: 0.448 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.003 min
Lab File: VV021764.D
Acq: 11 Aug 2021 09:41

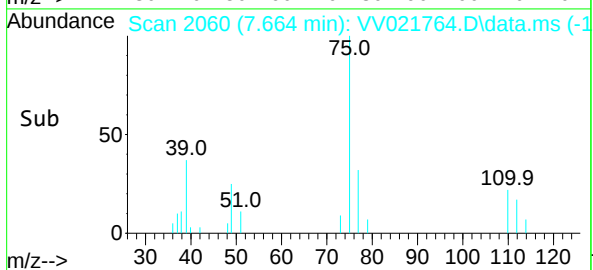
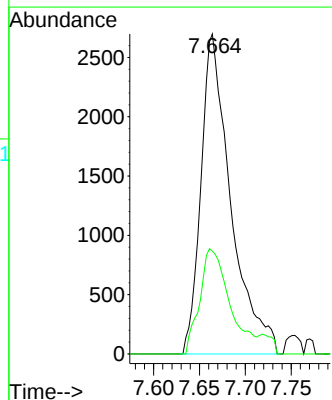
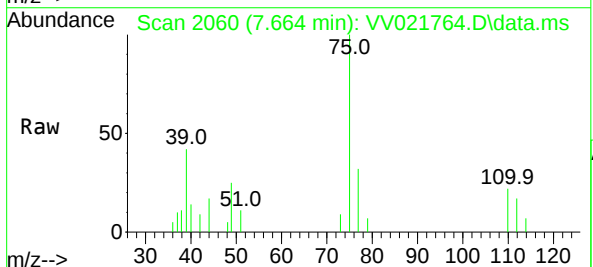
Instrument :
MSVOA_V
ClientSampled :

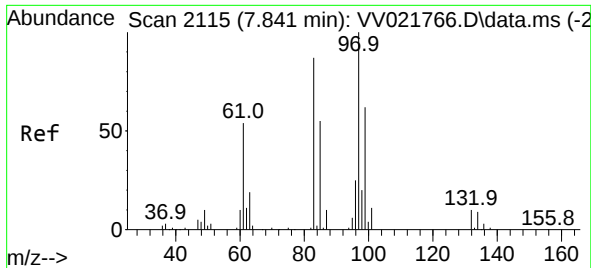
Tgt Ion: 91 Resp: 23354
Ion Ratio Lower Upper
91 100
92 52.7 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 0.399 ug/L
RT: 7.664 min Scan# 2060
Delta R.T. 0.010 min
Lab File: VV021764.D
Acq: 11 Aug 2021 09:41

Tgt Ion: 75 Resp: 6106
Ion Ratio Lower Upper
75 100
77 32.1 23.3 43.3





#45

1,1,2-Trichloroethane

Concen: 0.440 ug/L

RT: 7.847 min Scan# 2117

Delta R.T. 0.006 min

Lab File: VV021764.D

Acq: 11 Aug 2021 09:41

Tgt Ion: 97 Resp: 3888

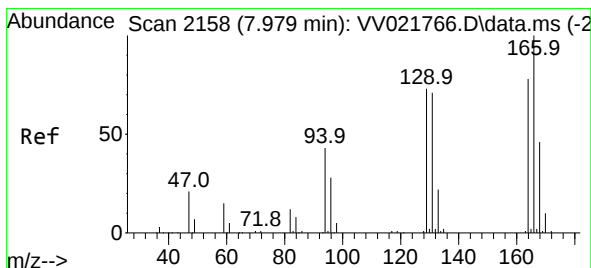
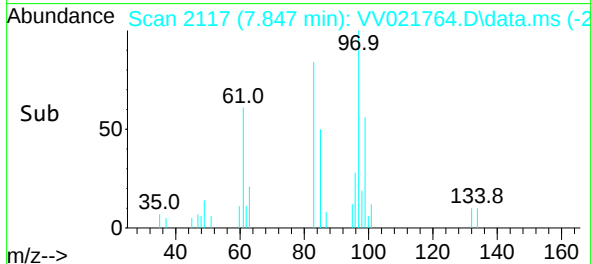
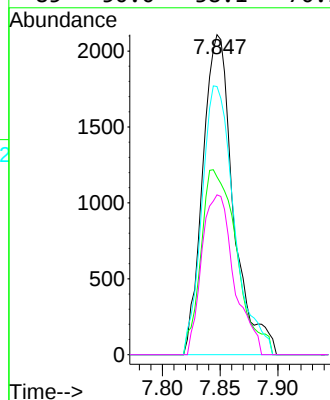
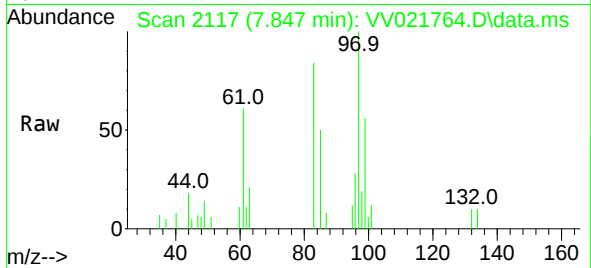
Ion Ratio Lower Upper

97 100

99 55.6 43.8 81.3

83 83.8 60.8 113.0

85 50.0 38.1 70.9



#47

Tetrachloroethene

Concen: 0.401 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.000 min

Lab File: VV021764.D

Acq: 11 Aug 2021 09:41

Tgt Ion: 164 Resp: 4663

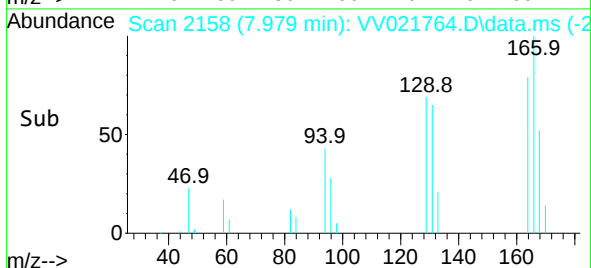
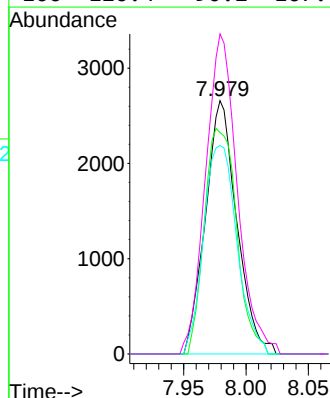
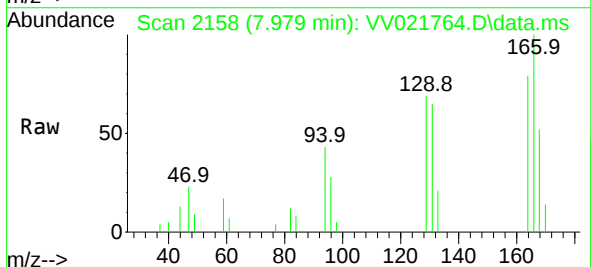
Ion Ratio Lower Upper

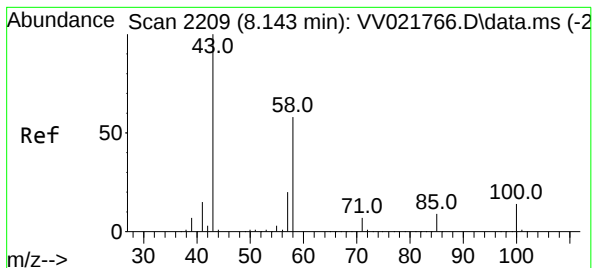
164 100

129 87.5 65.4 121.4

131 82.4 64.3 119.3

166 126.4 90.2 167.4





#48

2-Hexanone

Concen: 4.033 ug/L

RT: 8.153 min Scan# 2212

Delta R.T. 0.010 min

Lab File: VV021764.D

Acq: 11 Aug 2021 09:41

Tgt Ion: 43 Resp: 20057

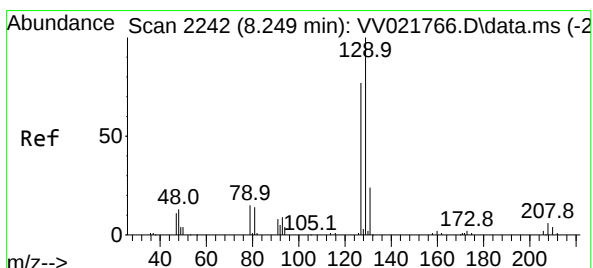
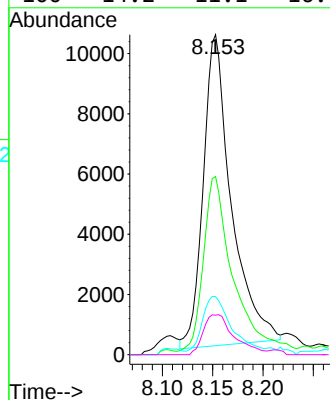
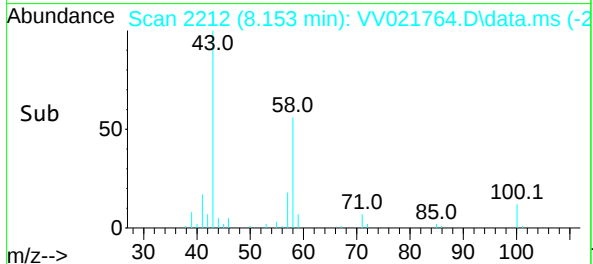
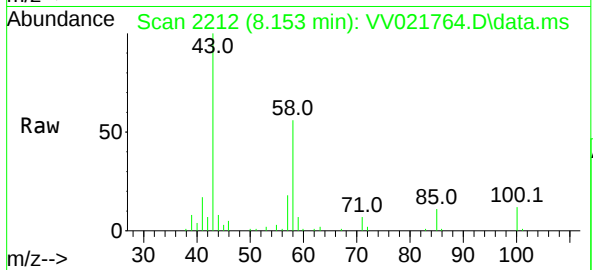
Ion Ratio Lower Upper

43 100

58 58.3 48.3 72.5

57 20.0 15.4 23.2

100 14.2 11.1 16.7



#49

Dibromochloromethane

Concen: 0.370 ug/L

RT: 8.249 min Scan# 2242

Delta R.T. 0.000 min

Lab File: VV021764.D

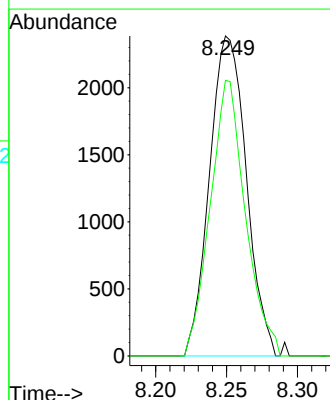
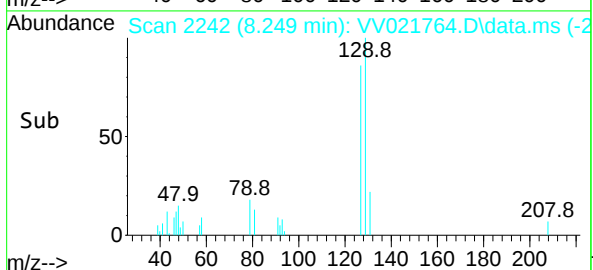
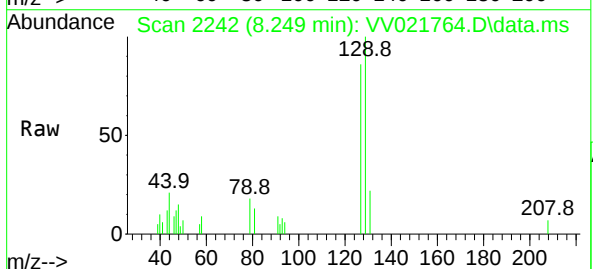
Acq: 11 Aug 2021 09:41

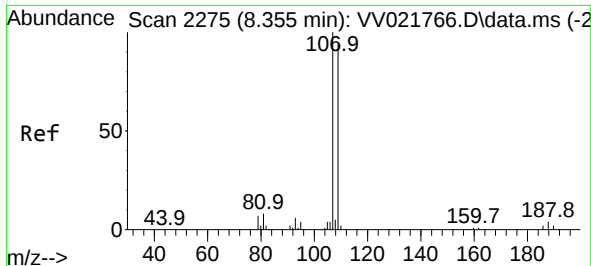
Tgt Ion: 129 Resp: 4310

Ion Ratio Lower Upper

129 100

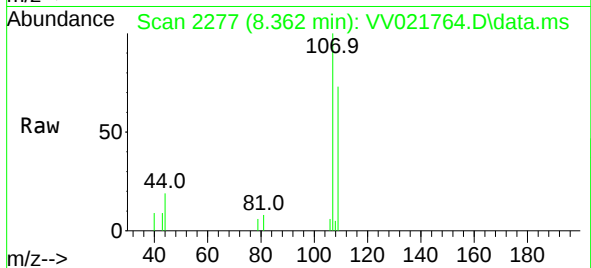
127 86.2 53.9 100.1



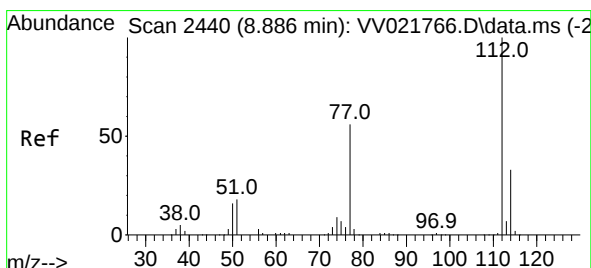
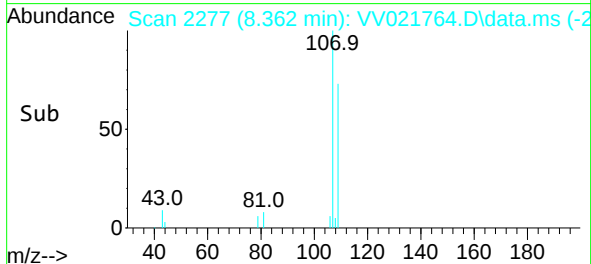
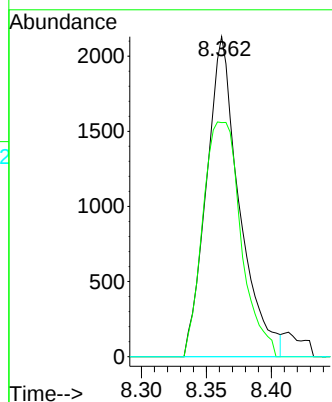


#50
1,2-Dibromoethane
Concen: 0.443 ug/L
RT: 8.362 min Scan# 2277
Delta R.T. 0.006 min
Lab File: VV021764.D
Acq: 11 Aug 2021 09:41

Instrument :
MSVOA_V
ClientSampled :

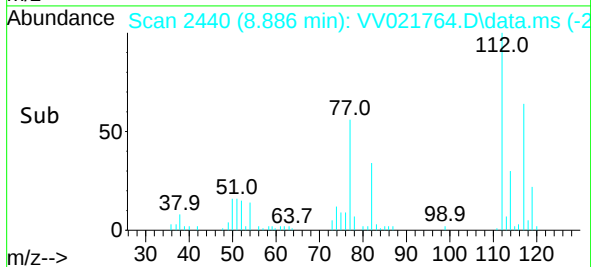
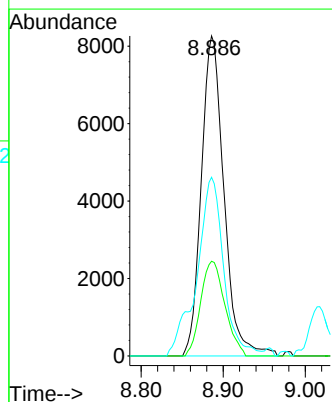
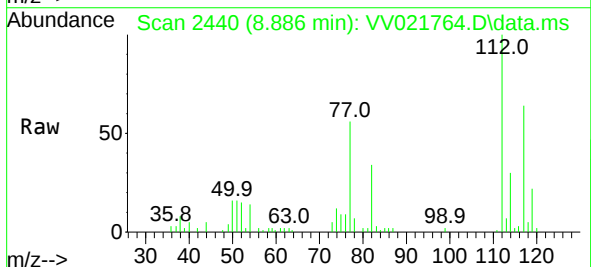


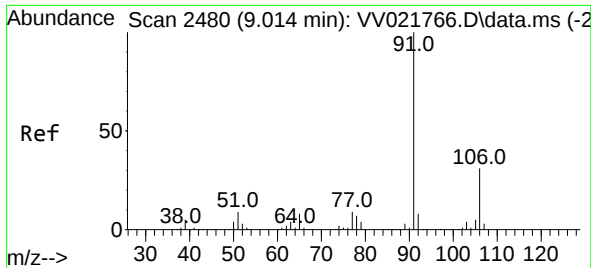
Tgt Ion:107 Resp: 3736
Ion Ratio Lower Upper
107 100
109 73.1 66.1 122.7
188 0.0 2.9 4.3#



#51
Chlorobenzene
Concen: 0.459 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VV021764.D
Acq: 11 Aug 2021 09:41

Tgt Ion:112 Resp: 15828
Ion Ratio Lower Upper
112 100
114 29.6 23.2 43.0
77 55.8 44.6 67.0





#52

Ethylbenzene

Concen: 0.412 ug/L

RT: 9.018 min Scan# 2481

Delta R.T. 0.003 min

Lab File: VV021764.D

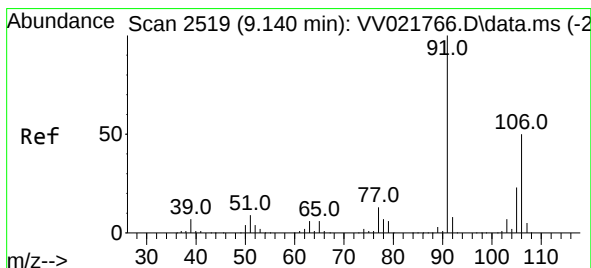
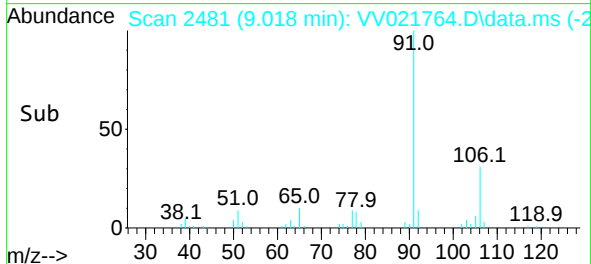
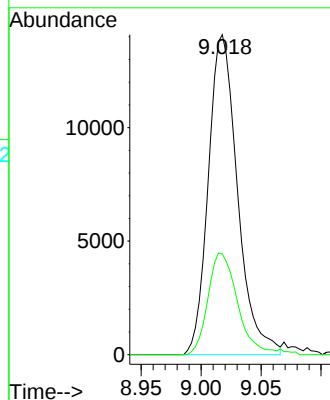
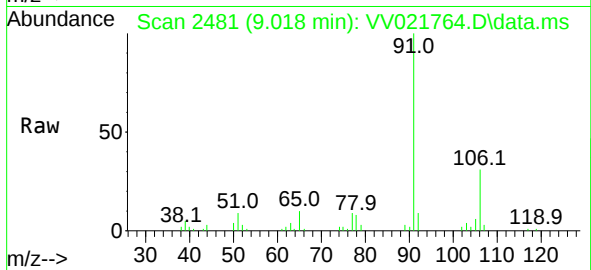
Acq: 11 Aug 2021 09:41

Tgt Ion: 91 Resp: 23860

Ion Ratio Lower Upper

91 100

106 31.5 22.0 41.0



#53

m,p-xylene

Concen: 0.430 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. 0.003 min

Lab File: VV021764.D

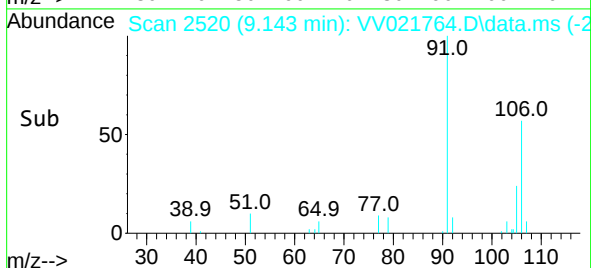
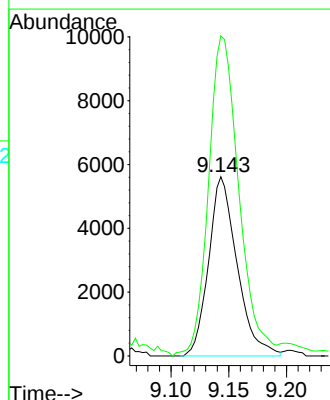
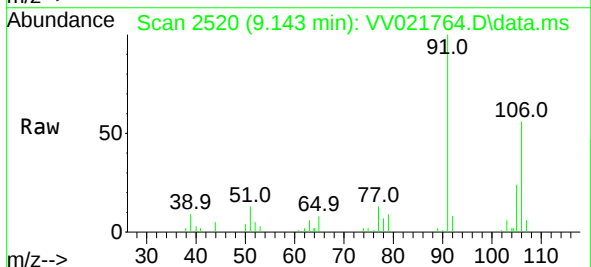
Acq: 11 Aug 2021 09:41

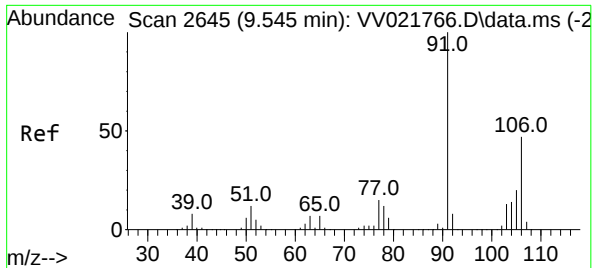
Tgt Ion: 106 Resp: 9631

Ion Ratio Lower Upper

106 100

91 178.5 140.4 260.8

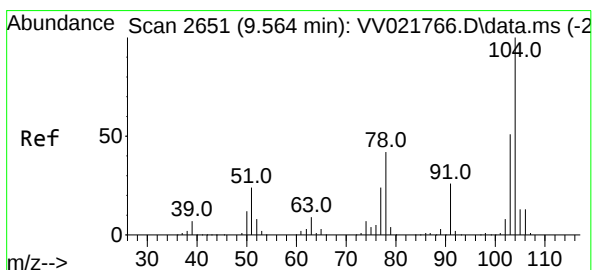
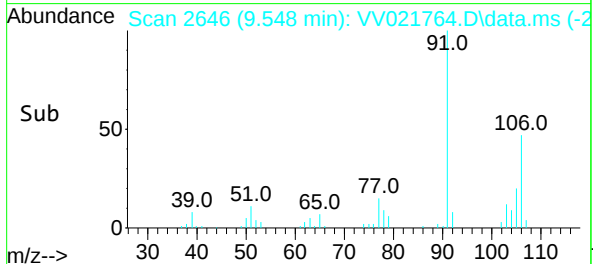
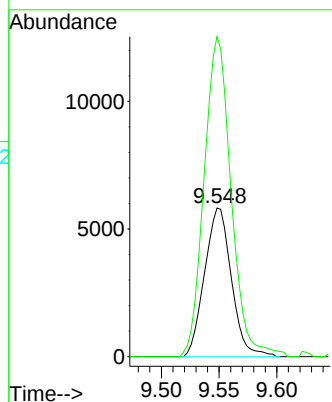
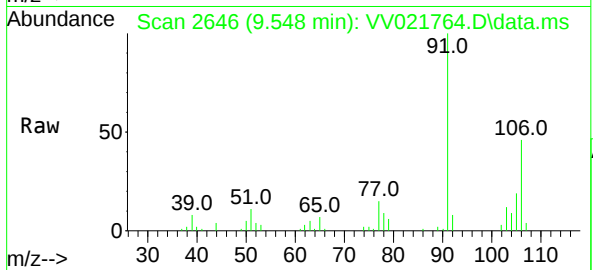




#54
o-xylene
Concen: 0.429 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV021764.D
Acq: 11 Aug 2021 09:41

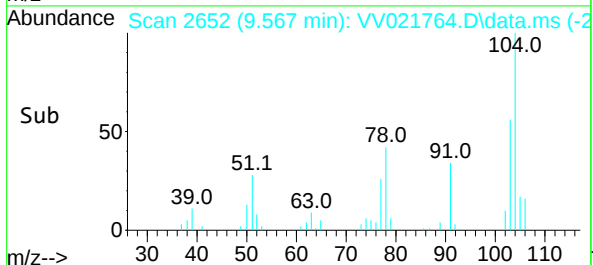
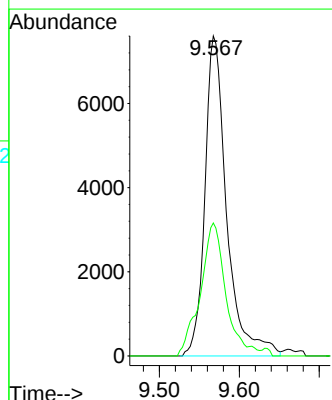
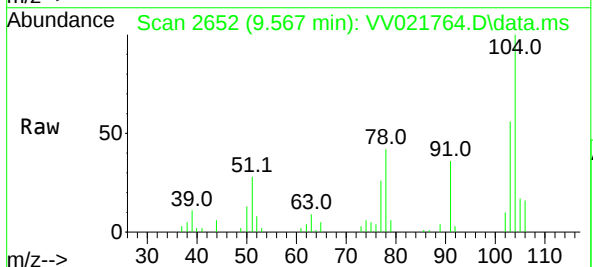
Instrument :
MSVOA_V
ClientSampled :

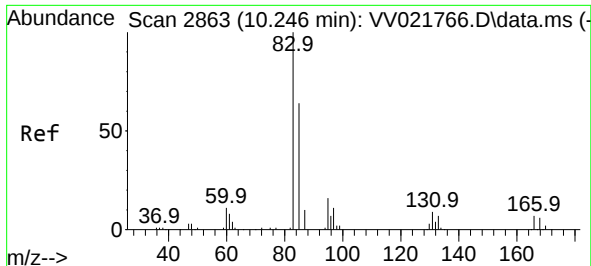
Tgt Ion:106 Resp: 9405
Ion Ratio Lower Upper
106 100
91 215.2 147.7 274.3



#55
Styrene
Concen: 0.391 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.003 min
Lab File: VV021764.D
Acq: 11 Aug 2021 09:41

Tgt Ion:104 Resp: 14400
Ion Ratio Lower Upper
104 100
78 41.6 29.8 55.3

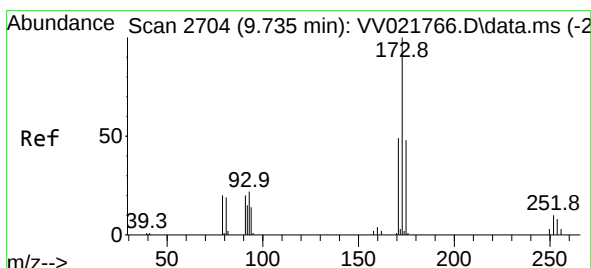
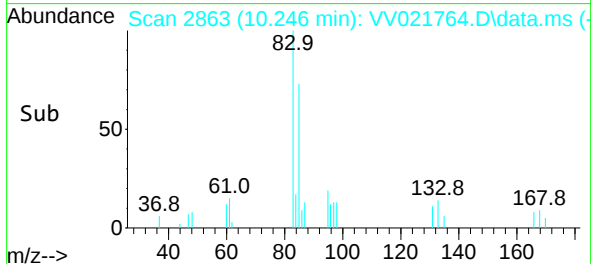
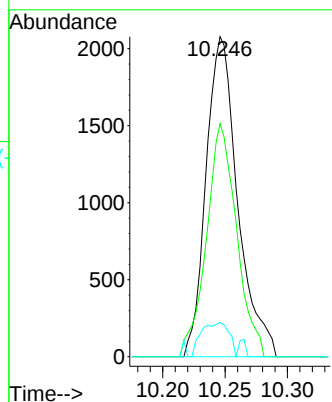
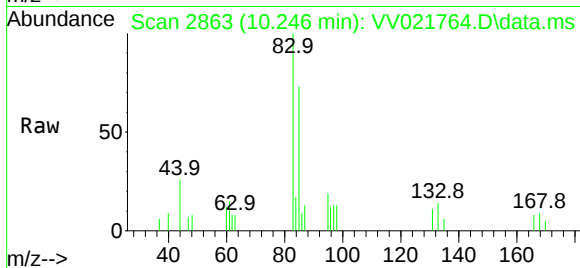




#57
1,1,2,2-Tetrachloroethane
Concen: 0.362 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV021764.D
Acq: 11 Aug 2021 09:41

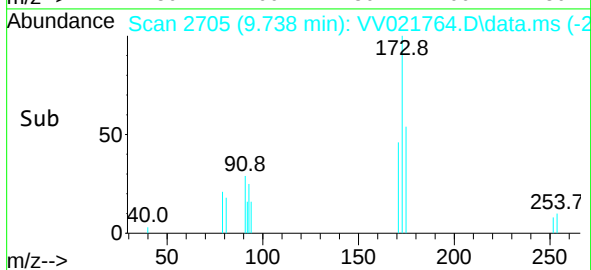
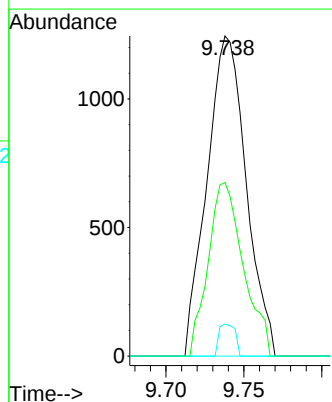
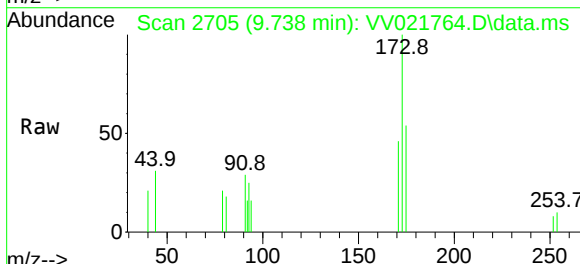
Instrument :
MSVOA_V
ClientSampled :

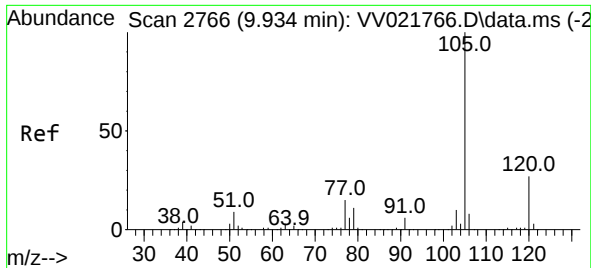
Tgt Ion:	83	Resp:	3665
Ion	Ratio	Lower	Upper
83	100		
85	72.8	44.9	83.5
131	10.7	7.7	11.5



#59
Bromoform
Concen: 0.350 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.003 min
Lab File: VV021764.D
Acq: 11 Aug 2021 09:41

Tgt Ion:	173	Resp:	2176
Ion	Ratio	Lower	Upper
173	100		
175	48.9	38.3	57.5
254	4.1	6.6	9.8#

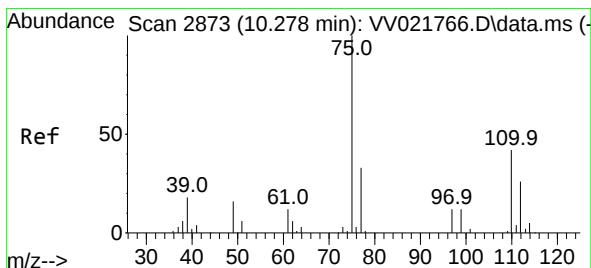
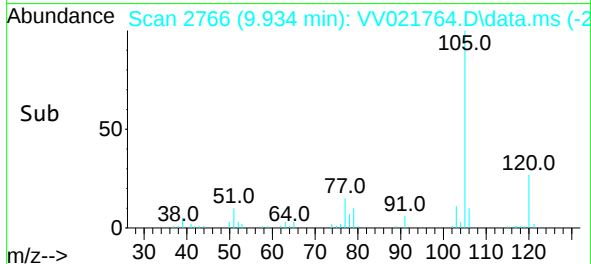
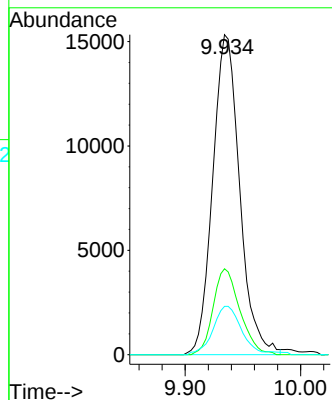
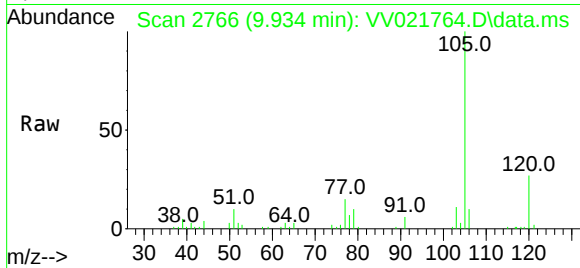




#60
Isopropylbenzene
Concen: 0.477 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV021764.D
Acq: 11 Aug 2021 09:41

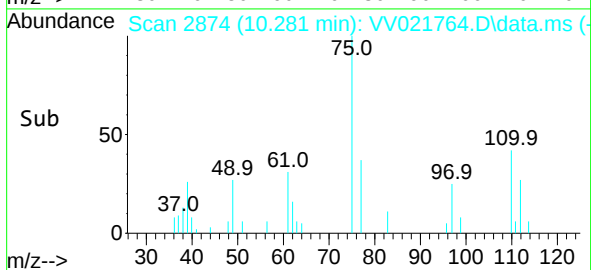
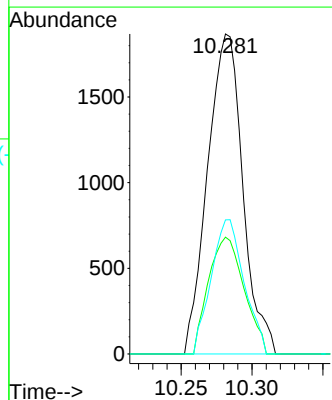
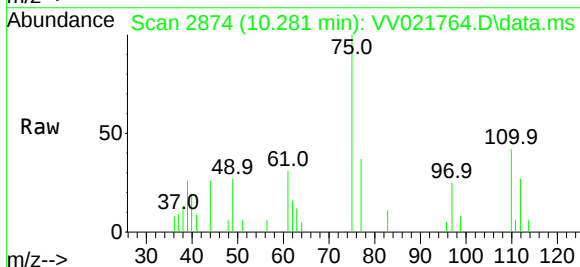
Instrument :
MSVOA_V
ClientSampled :

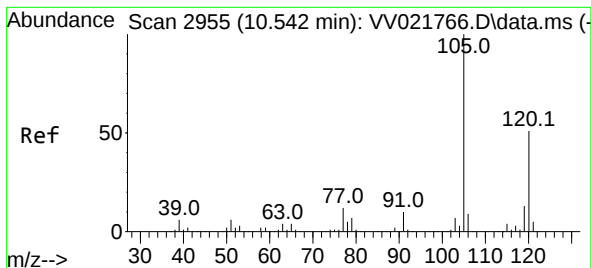
Tgt Ion:105	Resp:	24834
Ion Ratio	Lower	Upper
105	100	
120	26.6	21.3 31.9
77	15.8	11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 0.502 ug/L
RT: 10.281 min Scan# 2874
Delta R.T. 0.003 min
Lab File: VV021764.D
Acq: 11 Aug 2021 09:41

Tgt Ion: 75	Resp:	3227
Ion Ratio	Lower	Upper
75	100	
77	36.9	26.5 39.7
110	39.3	33.4 50.2





#62

1,3,5-Trimethylbenzene

Concen: 0.468 ug/L

RT: 10.542 min Scan# 2955

Delta R.T. 0.000 min

Lab File: VV021764.D

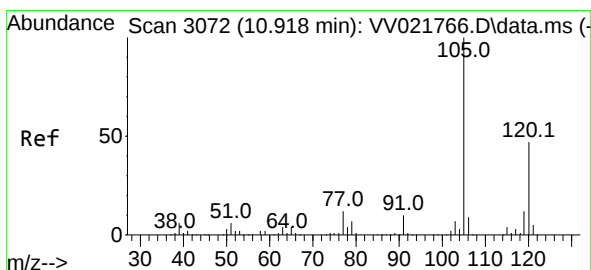
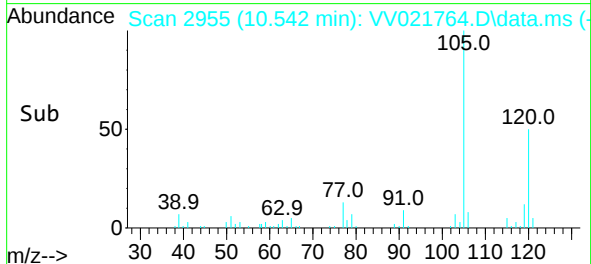
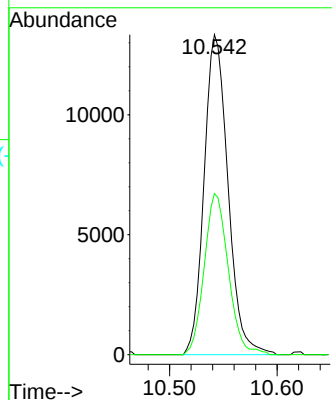
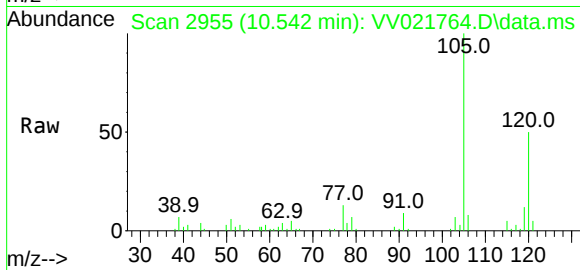
Acq: 11 Aug 2021 09:41

Tgt Ion:105 Resp: 20590

Ion Ratio Lower Upper

105 100

120 50.8 40.5 60.7



#63

1,2,4-Trimethylbenzene

Concen: 0.457 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.000 min

Lab File: VV021764.D

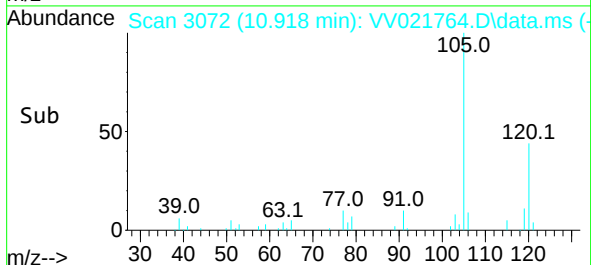
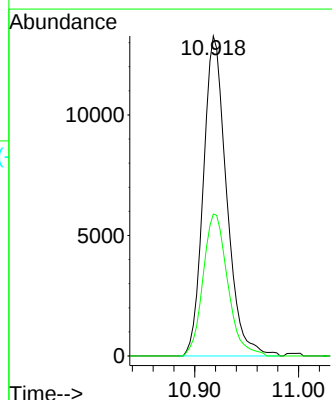
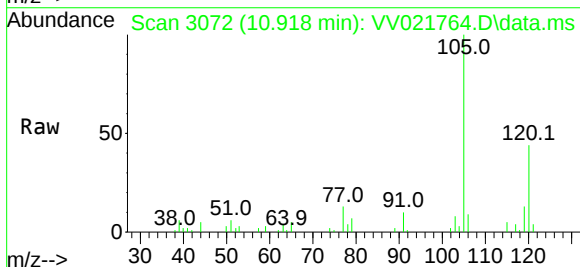
Acq: 11 Aug 2021 09:41

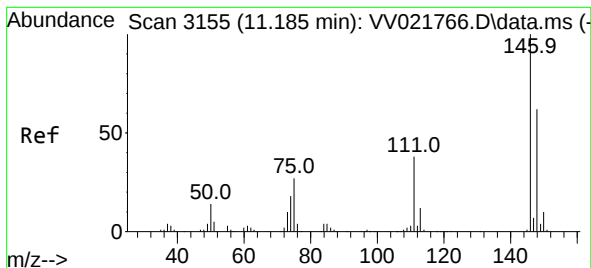
Tgt Ion:105 Resp: 20618

Ion Ratio Lower Upper

105 100

120 47.1 37.5 56.3

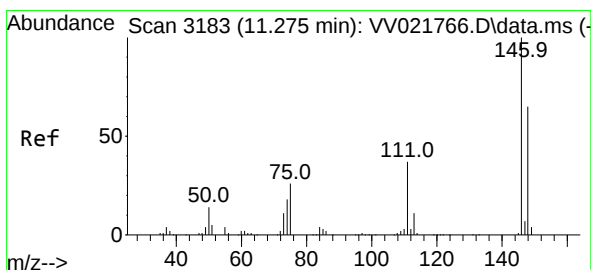
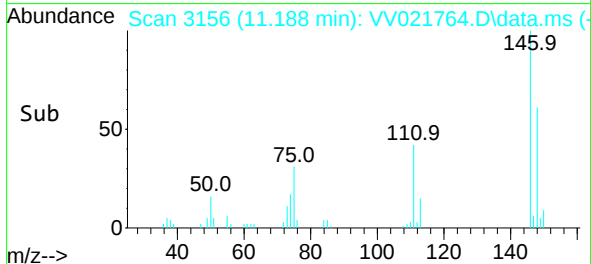
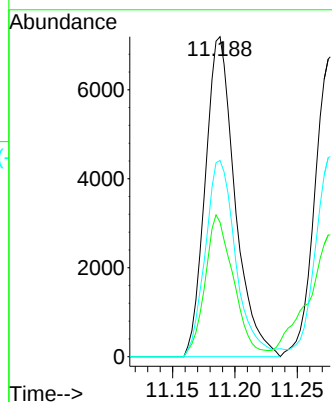
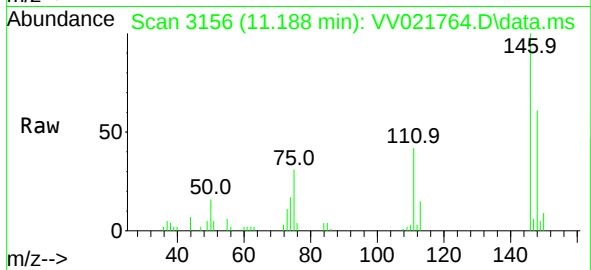




#64
1,3-Dichlorobenzene
Concen: 0.467 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.003 min
Lab File: VV021764.D
Acq: 11 Aug 2021 09:41

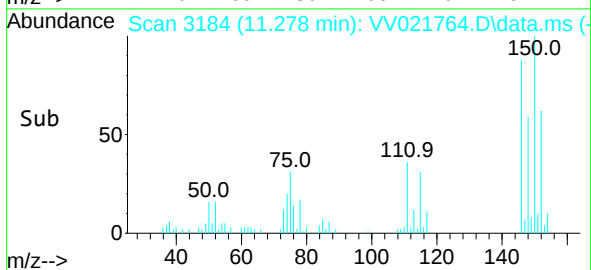
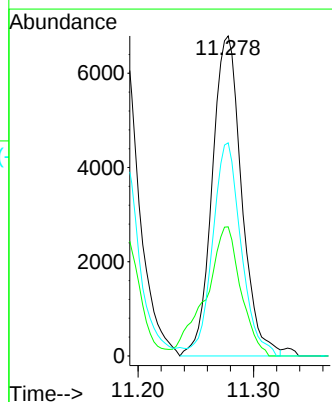
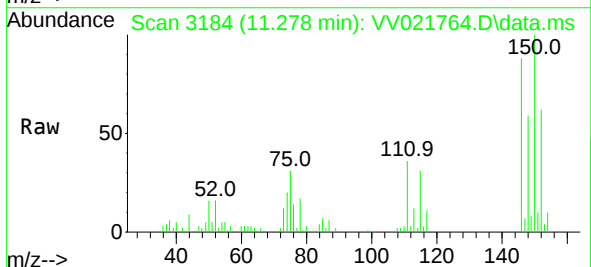
Instrument :
MSVOA_V
ClientSampleId :

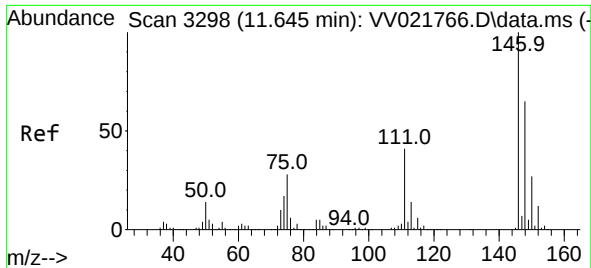
Tgt Ion:146 Resp: 11921
Ion Ratio Lower Upper
146 100
111 42.0 26.7 49.7
148 61.3 43.2 80.2



#65
1,4-Dichlorobenzene
Concen: 0.471 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.003 min
Lab File: VV021764.D
Acq: 11 Aug 2021 09:41

Tgt Ion:146 Resp: 12043
Ion Ratio Lower Upper
146 100
111 40.4 25.9 48.1
148 66.6 45.4 84.2

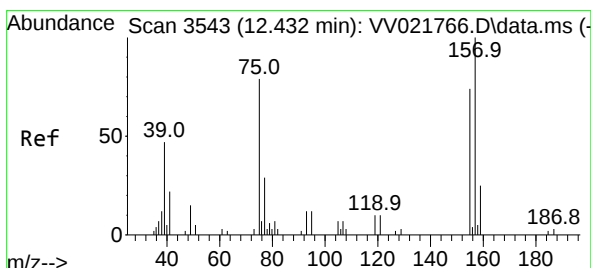
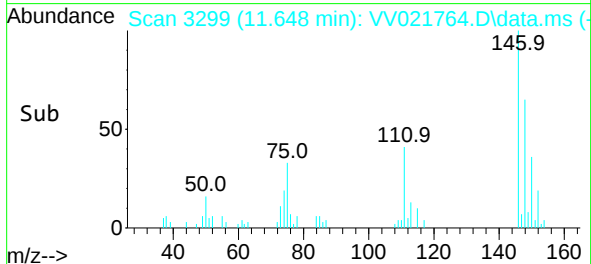
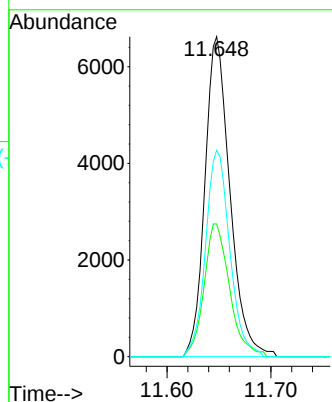
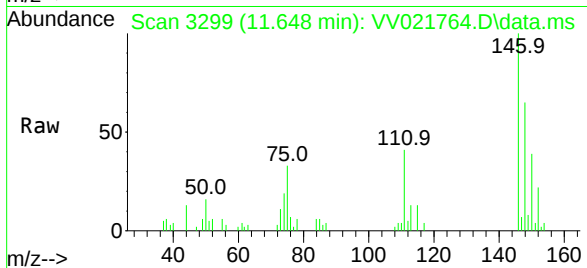




#67
1,2-Dichlorobenzene
Concen: 0.466 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.003 min
Lab File: VV021764.D
Acq: 11 Aug 2021 09:41

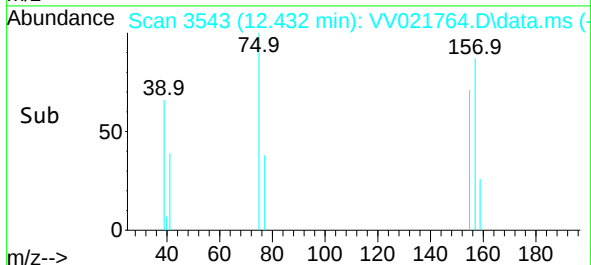
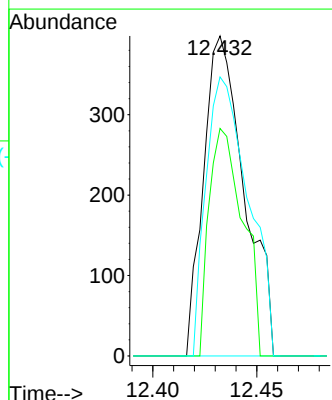
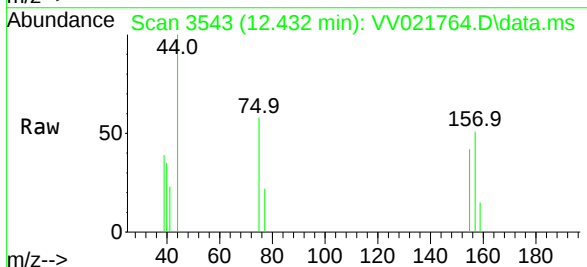
Instrument :
MSVOA_V
ClientSampleId :

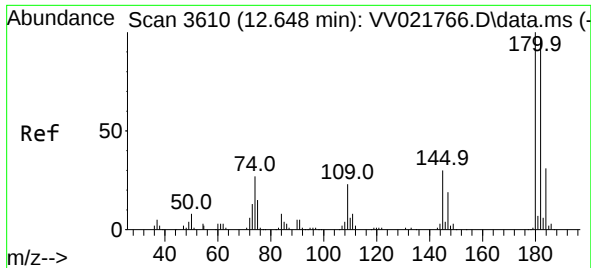
Tgt Ion:146 Resp: 11073
Ion Ratio Lower Upper
146 100
111 41.4 33.0 49.4
148 64.5 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 0.365 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.000 min
Lab File: VV021764.D
Acq: 11 Aug 2021 09:41

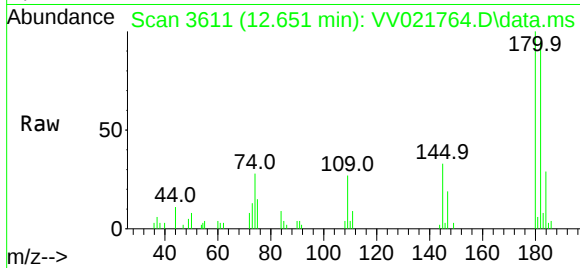
Tgt Ion: 75 Resp: 544
Ion Ratio Lower Upper
75 100
155 71.1 75.0 112.6#
157 87.2 101.8 152.8#



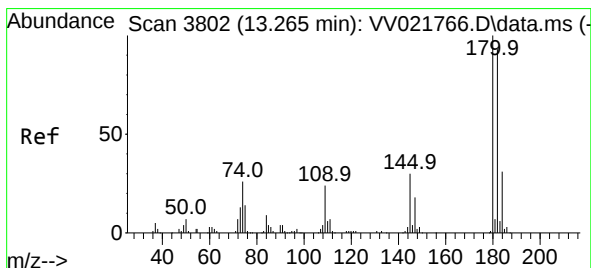
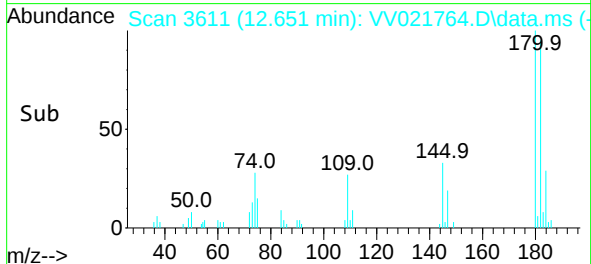
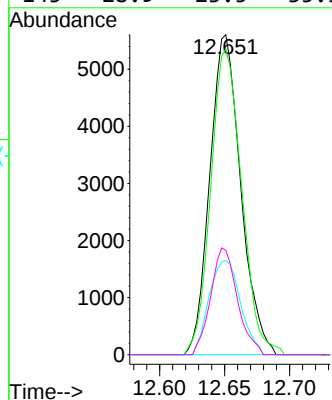


#69
 1,3,5-Trichlorobenzene
 Concen: 0.412 ug/L
 RT: 12.651 min Scan# 3611
 Delta R.T. 0.003 min
 Lab File: VV021764.D
 Acq: 11 Aug 2021 09:41

Instrument :
 MSVOA_V
 ClientSampled :

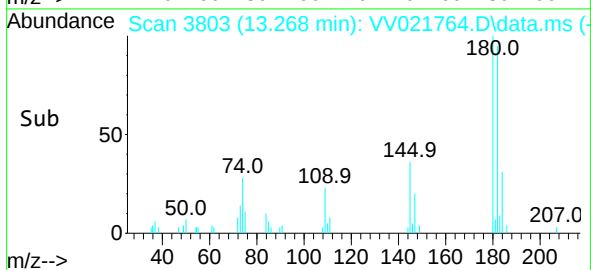
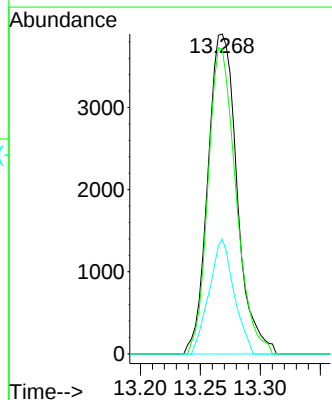
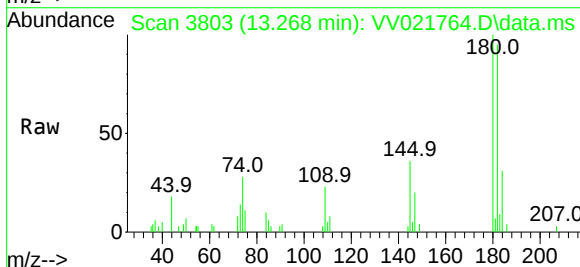


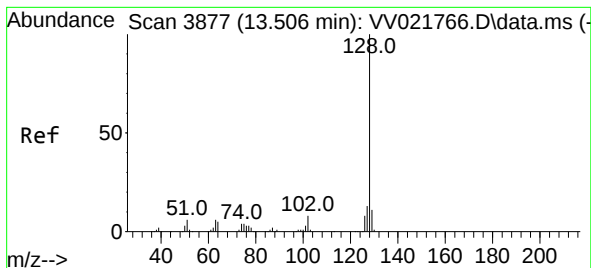
Tgt Ion:180 Resp: 9260
 Ion Ratio Lower Upper
 180 100
 182 95.6 75.5 113.3
 184 29.9 24.0 36.0
 145 28.9 23.5 35.3



#70
 1,2,4-trichlorobenzene
 Concen: 0.355 ug/L
 RT: 13.268 min Scan# 3803
 Delta R.T. 0.003 min
 Lab File: VV021764.D
 Acq: 11 Aug 2021 09:41

Tgt Ion:180 Resp: 6587
 Ion Ratio Lower Upper
 180 100
 182 91.4 74.9 112.3
 145 30.5 23.8 35.8

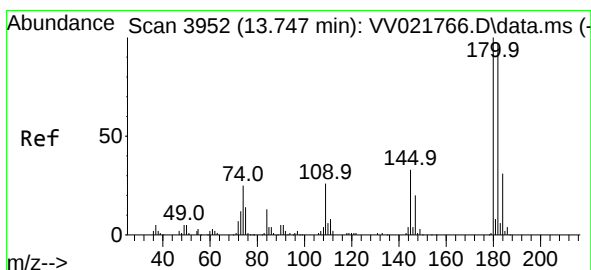
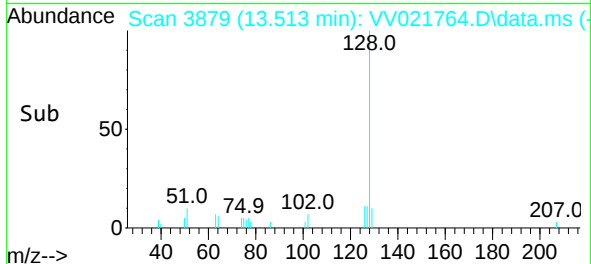
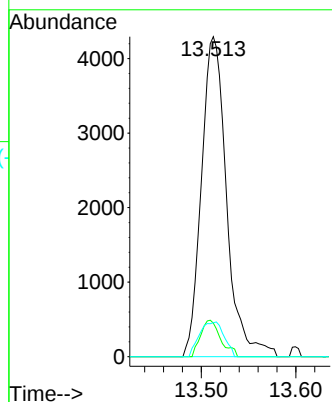
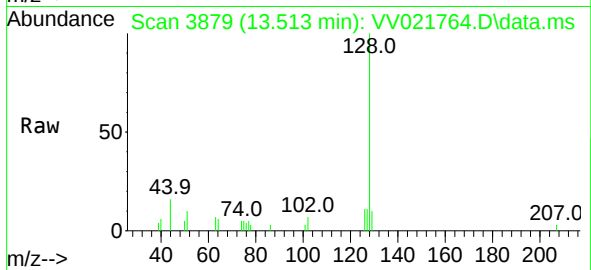




#71
Naphthalene
Concen: 0.274 ug/L
RT: 13.513 min Scan# 3879
Delta R.T. 0.006 min
Lab File: VV021764.D
Acq: 11 Aug 2021 09:41

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 7930
Ion Ratio Lower Upper
128 100
129 9.1 8.6 12.8
127 10.6 9.9 14.9



#72
1,2,3-Trichlorobenzene
Concen: 0.307 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.000 min
Lab File: VV021764.D
Acq: 11 Aug 2021 09:41

Tgt Ion:180 Resp: 5065
Ion Ratio Lower Upper
180 100
182 103.3 77.0 115.4
145 34.1 25.6 38.4

