

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092321\
 Data File : VV022273.D
 Acq On : 23 Sep 2021 10:15
 Operator : SY/MD
 Sample : VSTD0.519
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 24 02:38:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 24 02:37:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	126947	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	123030	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57849	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	3227	0.597	ug/L	0.00
7) Chloroethane-d5	1.561	69	3627	0.570	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	7457	0.599	ug/L	0.00
20) 2-Butanone-d5	3.950	46	4039	1.875	ug/L	0.04
24) Chloroform-d	4.355	84	8881	0.536	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	3998	0.521	ug/L	0.00
32) Benzene-d6	5.056	84	16067	0.491	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.075	67	4949	0.470	ug/L	0.00
41) Toluene-d8	7.320	98	13373	0.443	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.635	79	1435	0.450	ug/L	0.00
46) 2-Hexanone-d5	8.101	63	7357	4.429	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	4173	0.572	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.628	152	5167	0.489	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	4740	0.494	ug/L	96
3) Chloromethane	1.240	50	5217	0.613	ug/L	96
5) Vinyl chloride	1.307	62	4713	0.537	ug/L	96
6) Bromomethane	1.516	94	3023	0.546	ug/L	92
8) Chloroethane	1.581	64	3079	0.561	ug/L	97
9) Trichlorofluoromethane	1.748	101	6502	0.514	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	3875	0.547	ug/L	98
12) 1,1-Dichloroethene	2.111	96	3278	0.516	ug/L	92
13) Acetone	2.195	43	3352	2.532	ug/L	86
14) Carbon disulfide	2.285	76	11791	0.618	ug/L	100
15) Methyl Acetate	2.445	43	1007	0.267	ug/L #	51
16) Methylene chloride	2.503	84	9252	0.846	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	8820	0.465	ug/L #	94
18) trans-1,2-Dichloroethene	2.761	96	4268	0.536	ug/L	90
19) 1,1-Dichloroethane	3.188	63	7415	0.503	ug/L #	89
22) cis-1,2-Dichloroethene	3.915	96	1876	0.214	ug/L	96
23) Bromochloromethane	4.256	128	1367	0.343	ug/L	87
25) Chloroform	4.378	83	7865	0.505	ug/L	96
27) 1,2-Dichloroethane	5.143	62	3842	0.449	ug/L #	87
29) 1,1,1-Trichloroethane	4.609	97	6440	0.480	ug/L	99
30) Cyclohexane	4.667	56	6213	0.502	ug/L	95
31) Carbon tetrachloride	4.822	117	5059	0.437	ug/L	100
33) Benzene	5.101	78	15175	0.466	ug/L	100
34) Trichloroethene	5.915	95	4077	0.452	ug/L	93
35) Methylcyclohexane	6.124	83	5894	0.445	ug/L	91
37) 1,2-Dichloropropane	6.178	63	4124	0.502	ug/L	97
38) Bromodichloromethane	6.516	83	4987	0.480	ug/L	92
39) cis-1,3-Dichloropropene	7.037	75	4658	0.401	ug/L	94
40) 4-Methyl-2-pentanone	7.236	43	21765	4.264	ug/L	95
42) Toluene	7.394	91	14547	0.411	ug/L	90
44) trans-1,3-Dichloropropene	7.661	75	3802	0.381	ug/L	91
45) 1,1,2-Trichloroethane	7.844	97	2939	0.478	ug/L	91

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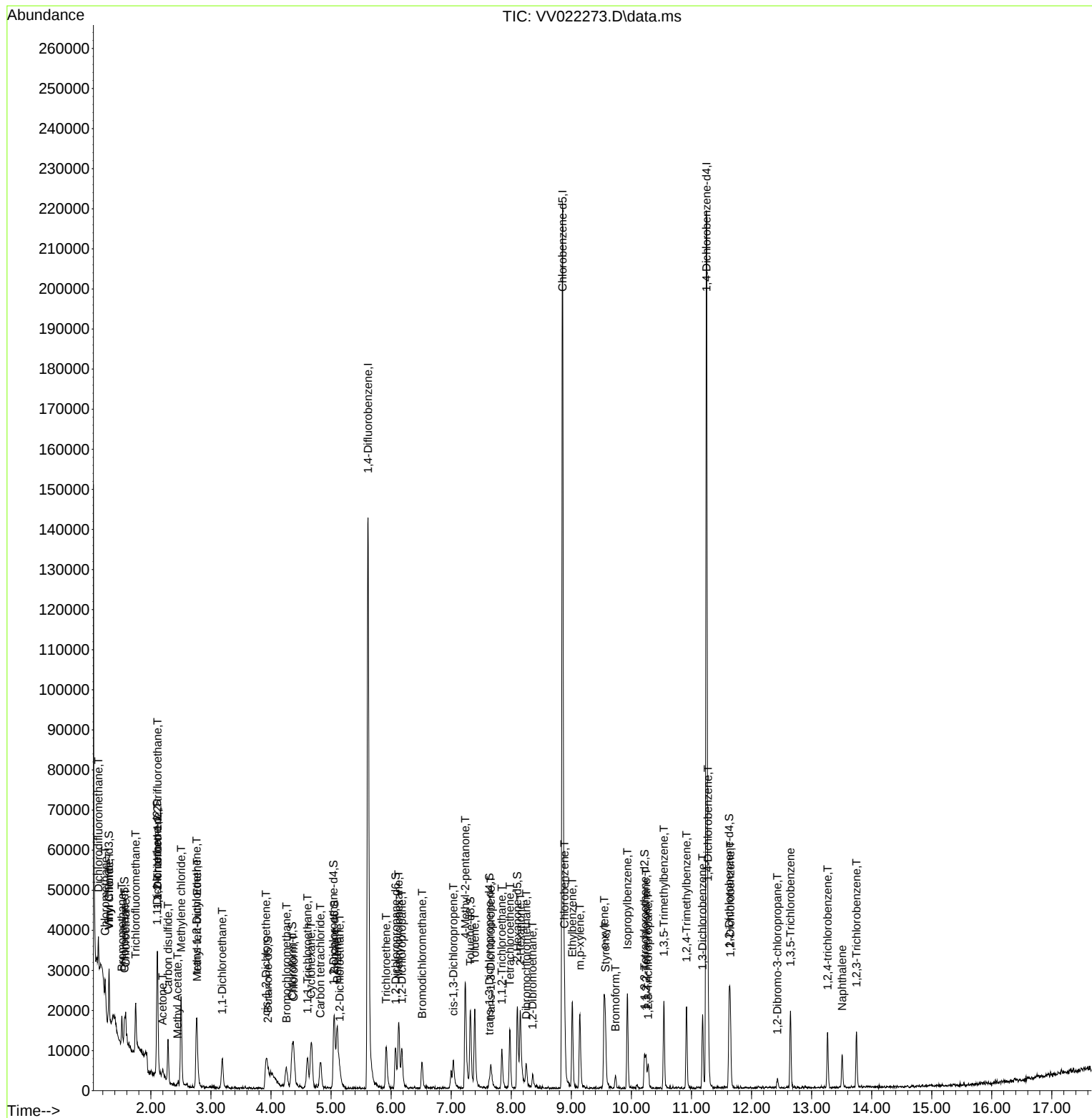
Instrument :
 MSVOA_V
 ClientSampleId :

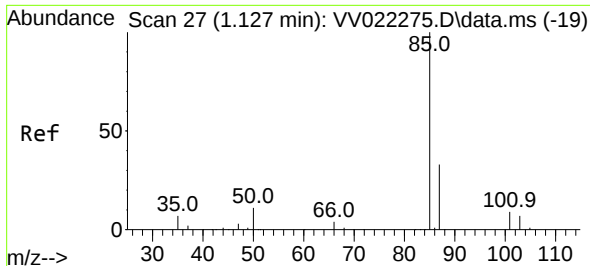
Quant Time: Sep 24 02:38:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Tetrachloroethene	7.979	164	3157	0.442	ug/L	82
48) 2-Hexanone	8.149	43	13255	3.743	ug/L	95
49) Dibromochloromethane	8.249	129	2753	0.383	ug/L	96
50) 1,2-Dibromoethane	8.355	107	2558	0.444	ug/L #	99
51) Chlorobenzene	8.886	112	10669	0.458	ug/L	96
52) Ethylbenzene	9.018	91	15042	0.400	ug/L	91
53) m,p-xylene	9.143	106	5631	0.384	ug/L	88
54) o-xylene	9.548	106	5659	0.391	ug/L	99
55) Styrene	9.567	104	8527	0.355	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.246	83	3715	0.565	ug/L	92
59) Bromoform	9.738	173	1486	0.429	ug/L #	94
60) Isopropylbenzene	9.934	105	14317	0.412	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	2562	0.549	ug/L	96
62) 1,3,5-Trimethylbenzene	10.542	105	11212	0.388	ug/L	98
63) 1,2,4-Trimethylbenzene	10.918	105	10567	0.361	ug/L	94
64) 1,3-Dichlorobenzene	11.185	146	7459	0.443	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	7710	0.458	ug/L	96
67) 1,2-Dichlorobenzene	11.648	146	6948	0.441	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.429	75	578	0.655	ug/L #	46
69) 1,3,5-Trichlorobenzene	12.648	180	5572	0.427	ug/L	96
70) 1,2,4-trichlorobenzene	13.268	180	4179	0.407	ug/L	98
71) Naphthalene	13.509	128	6952	0.442	ug/L	97
72) 1,2,3-Trichlorobenzene	13.747	180	3951	0.433	ug/L	93

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

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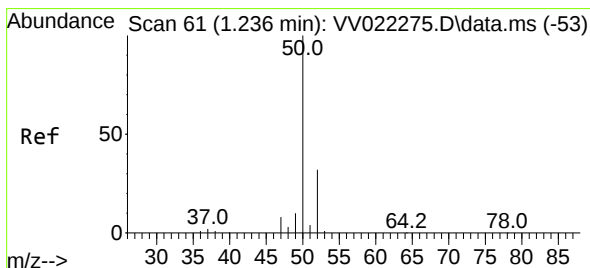
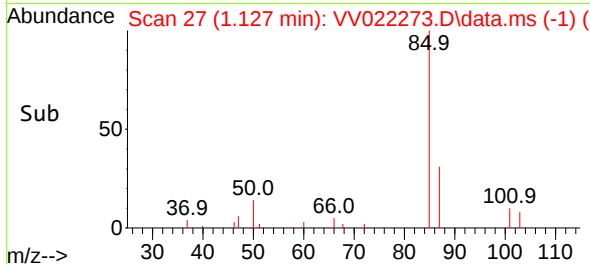
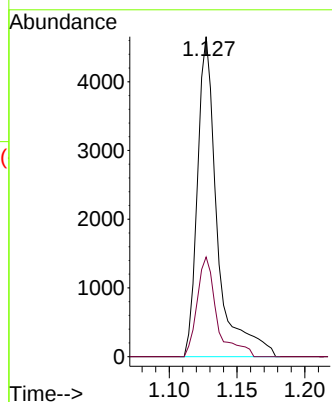
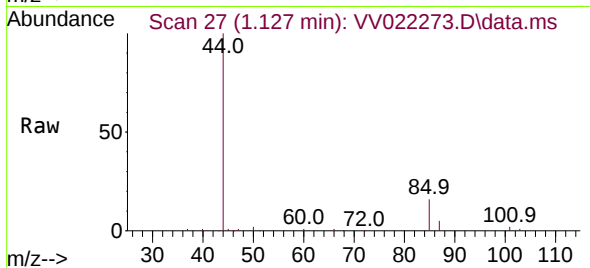




#2
 Dichlorodifluoromethane
 Concen: 0.494 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV022273.D
 Acq: 23 Sep 2021 10:15

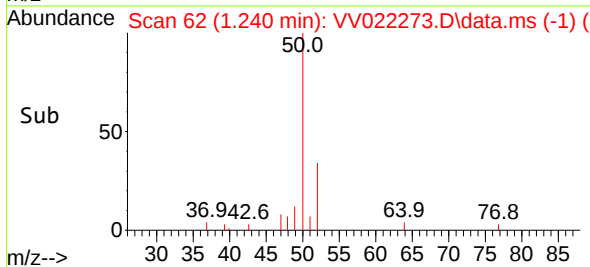
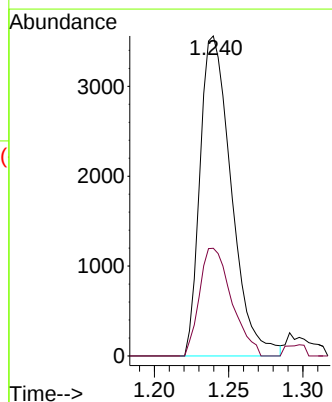
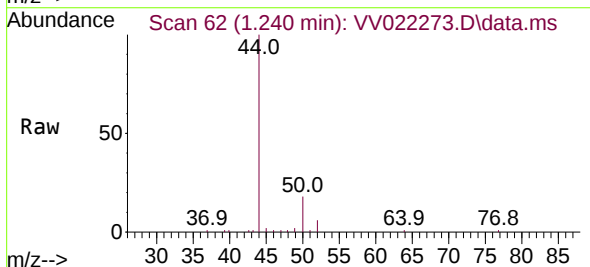
Instrument :
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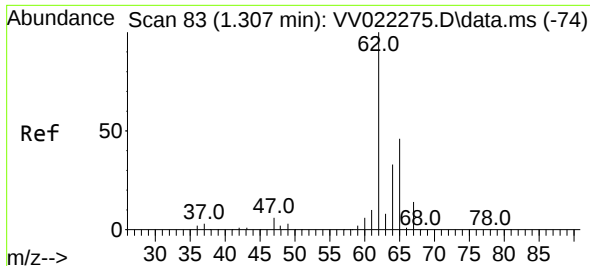
Tgt Ion: 85 Resp: 4740
 Ion Ratio Lower Upper
 85 100
 87 31.0 26.4 39.6



#3
 Chloromethane
 Concen: 0.613 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV022273.D
 Acq: 23 Sep 2021 10:15

Tgt Ion: 50 Resp: 5217
 Ion Ratio Lower Upper
 50 100
 52 33.7 22.2 41.2

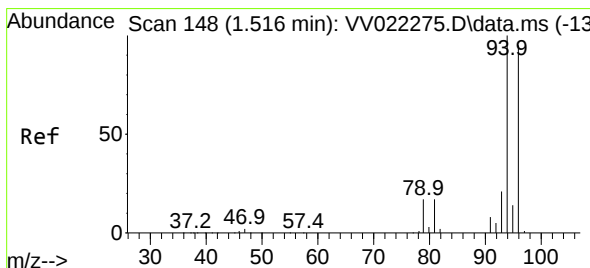
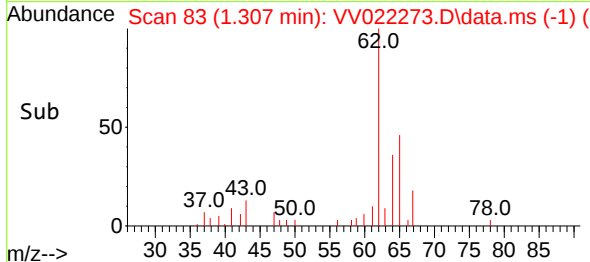
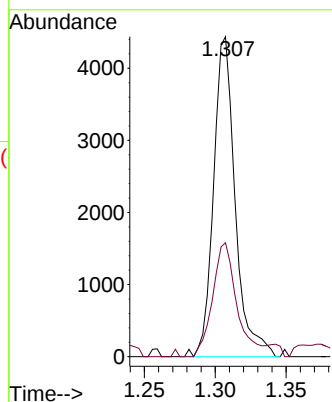
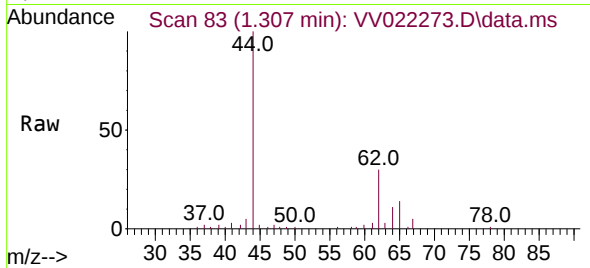




#5
 Vinyl chloride
 Concen: 0.537 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV022273.D
 Acq: 23 Sep 2021 10:15

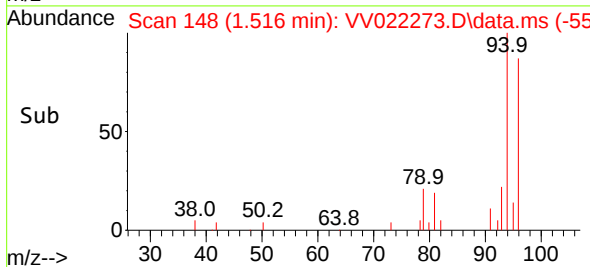
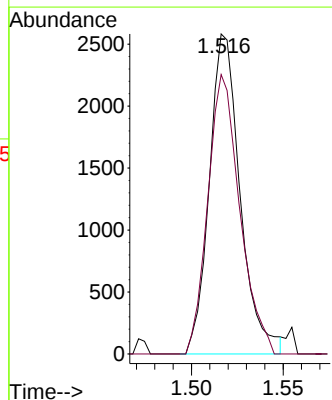
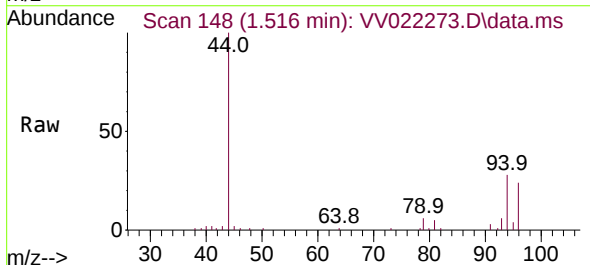
Instrument :
 MSVOA_V
 ClientSampled :

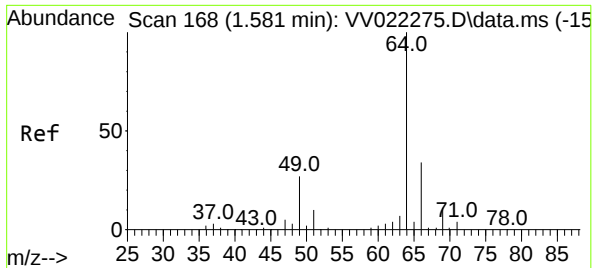
Tgt Ion: 62 Resp: 4713
 Ion Ratio Lower Upper
 62 100
 64 35.6 23.4 43.4



#6
 Bromomethane
 Concen: 0.546 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV022273.D
 Acq: 23 Sep 2021 10:15

Tgt Ion: 94 Resp: 3023
 Ion Ratio Lower Upper
 94 100
 96 87.3 66.6 123.8

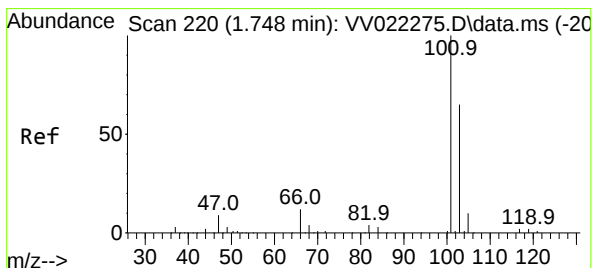
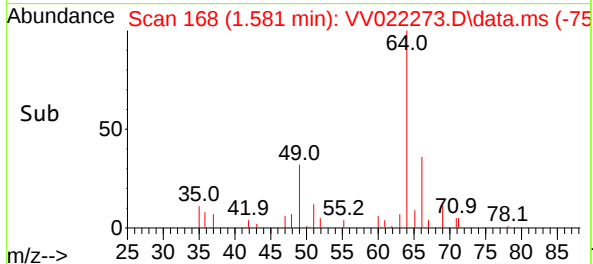
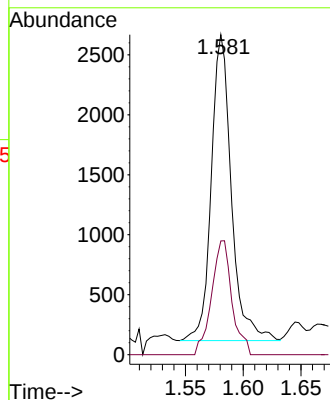
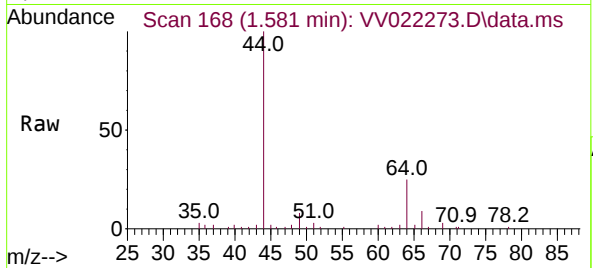




#8
Chloroethane
Concen: 0.561 ug/L
RT: 1.581 min Scan# 168
Delta R.T. -0.000 min
Lab File: VV022273.D
Acq: 23 Sep 2021 10:15

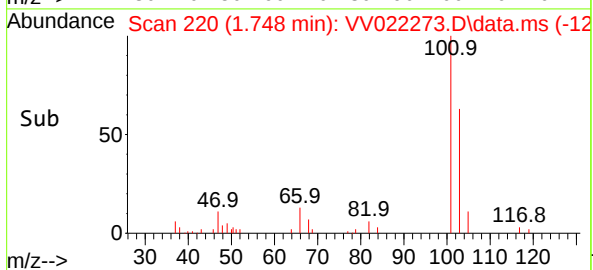
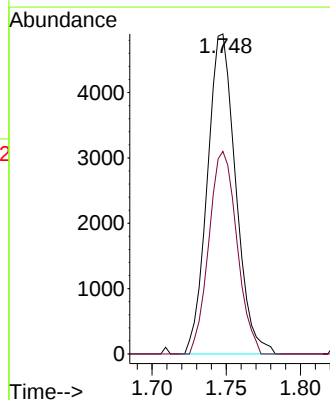
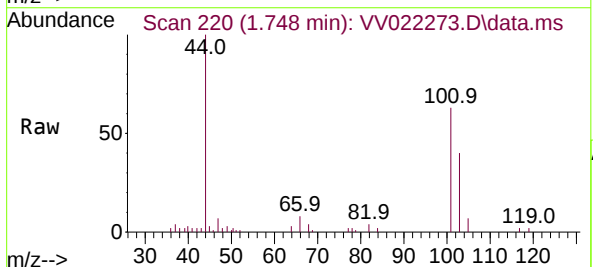
Instrument :
MSVOA_V
ClientSampled :

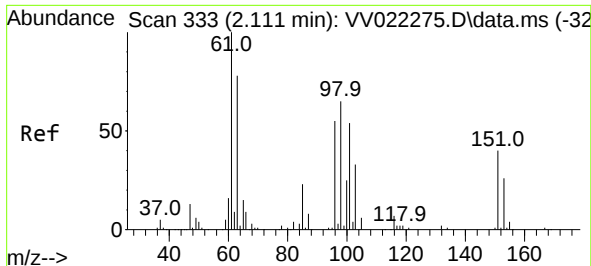
Tgt Ion: 64 Resp: 3079
Ion Ratio Lower Upper
64 100
66 35.6 23.6 43.8



#9
Trichlorofluoromethane
Concen: 0.514 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV022273.D
Acq: 23 Sep 2021 10:15

Tgt Ion: 101 Resp: 6502
Ion Ratio Lower Upper
101 100
103 62.6 51.3 76.9





#10

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

Concen: 0.547 ug/L

RT: 2.111 min Scan# 333

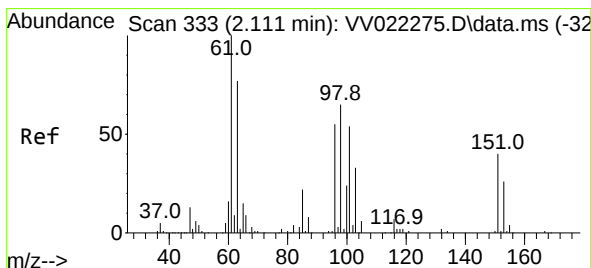
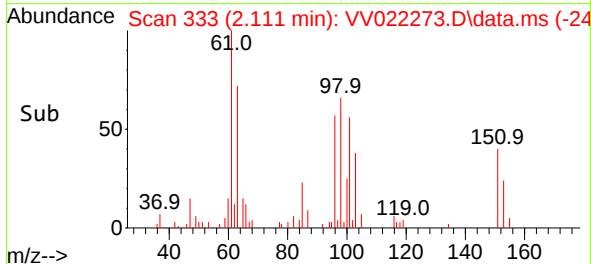
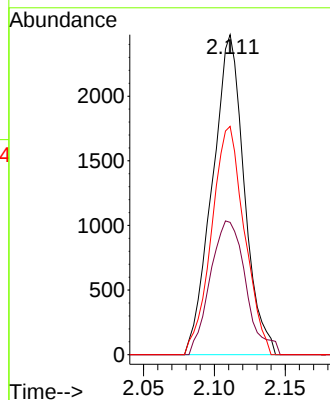
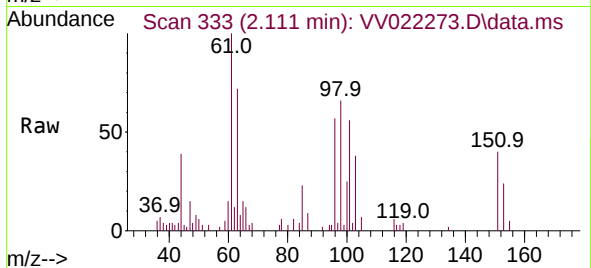
Delta R.T. -0.000 min

Lab File: VV022273.D

Acq: 23 Sep 2021 10:15

Tgt Ion:	101	Resp:	3875
Ion	Ratio	Lower	Upper
101	100		
85	46.7	35.2	52.8
151	73.5	58.8	88.2

Instrument :
MSVOA_V
ClientSampleId :



#12

1,1-Dichloroethene

Concen: 0.516 ug/L

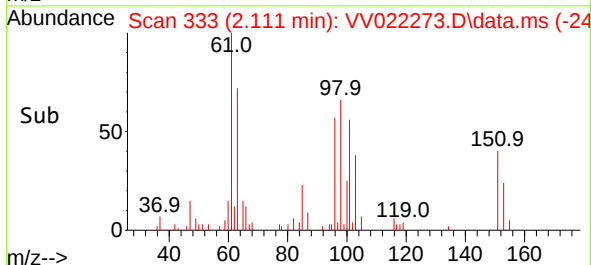
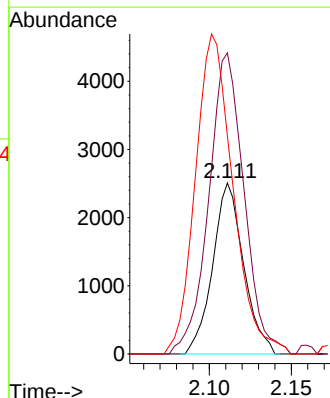
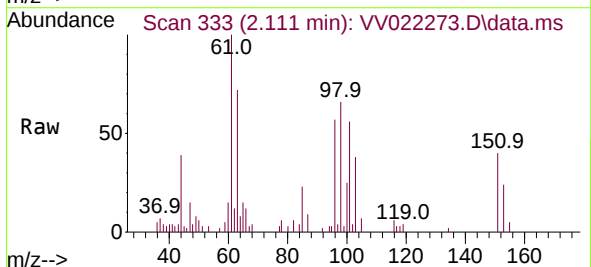
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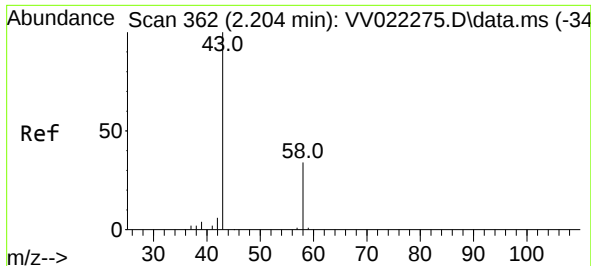
Delta R.T. -0.000 min

Lab File: VV022273.D

Acq: 23 Sep 2021 10:15

Tgt Ion:	96	Resp:	3278
Ion	Ratio	Lower	Upper
96	100		
61	176.0	127.4	236.6
63	127.4	100.0	185.6

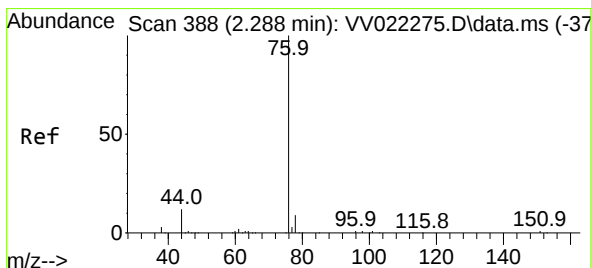
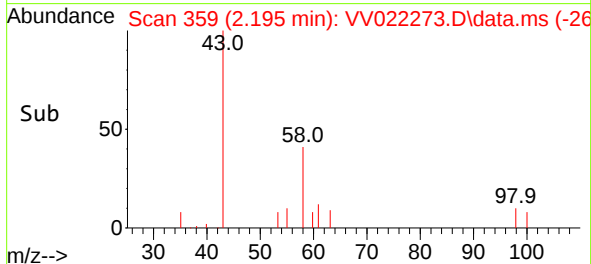
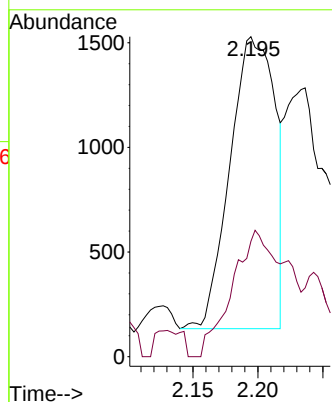
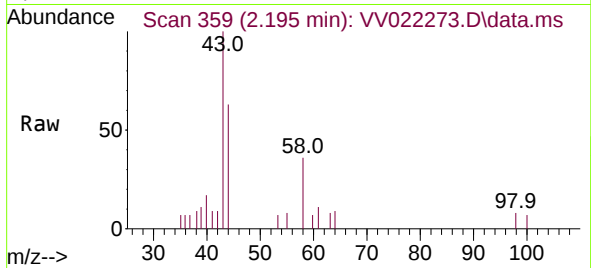




#13
Acetone
Concen: 2.532 ug/L
RT: 2.195 min Scan# 359
Delta R.T. -0.010 min
Lab File: VV022273.D
Acq: 23 Sep 2021 10:15

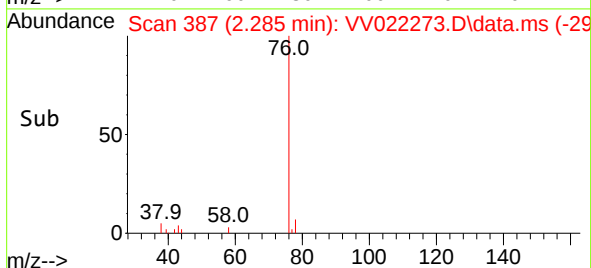
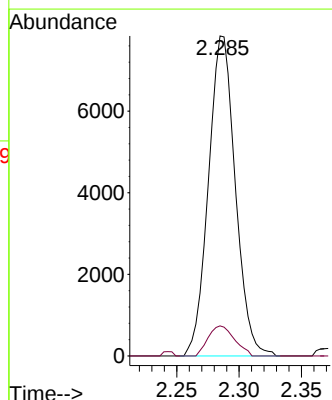
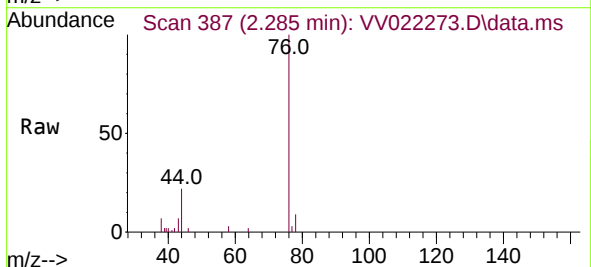
Instrument :
MSVOA_V
ClientSampled :

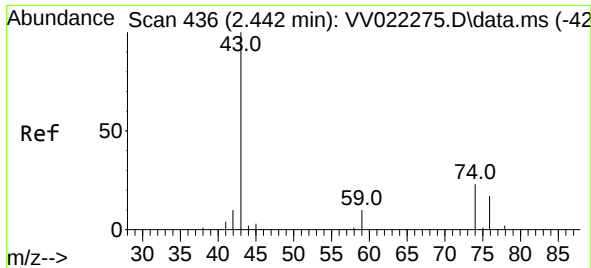
Tgt Ion: 43 Resp: 3352
Ion Ratio Lower Upper
43 100
58 41.1 0.0 66.2



#14
Carbon disulfide
Concen: 0.618 ug/L
RT: 2.285 min Scan# 387
Delta R.T. -0.003 min
Lab File: VV022273.D
Acq: 23 Sep 2021 10:15

Tgt Ion: 76 Resp: 11791
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

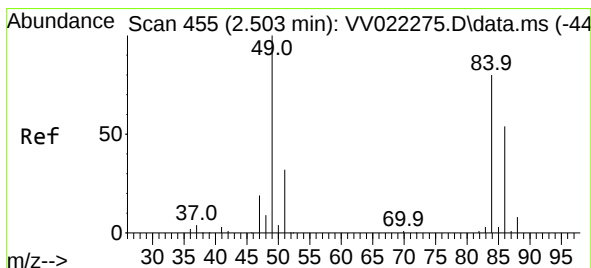
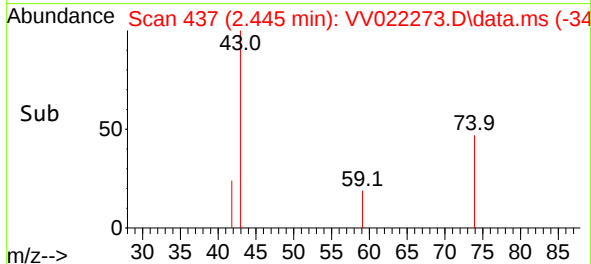
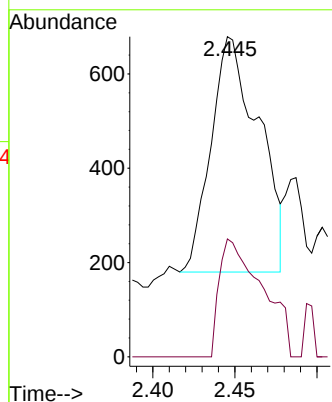
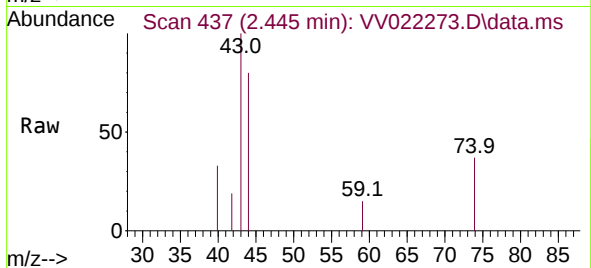




#15
Methyl Acetate
Concen: 0.267 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV022273.D
Acq: 23 Sep 2021 10:15

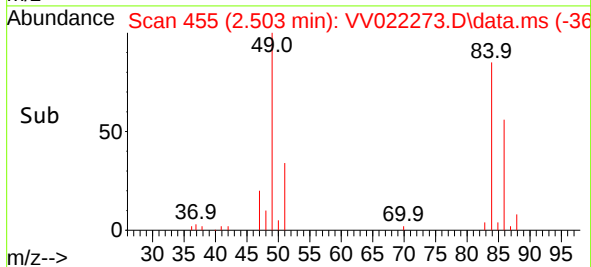
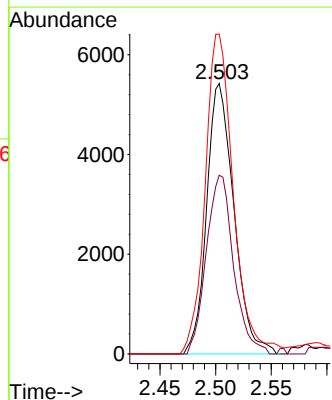
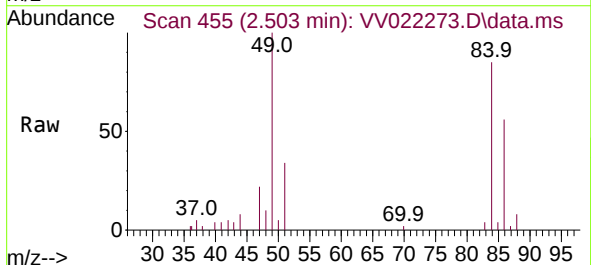
Instrument :
MSVOA_V
ClientSampled :

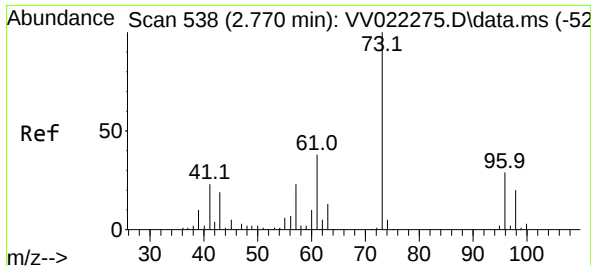
Tgt Ion: 43 Resp: 1007
Ion Ratio Lower Upper
43 100
74 45.1 17.5 26.3#



#16
Methylene chloride
Concen: 0.846 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV022273.D
Acq: 23 Sep 2021 10:15

Tgt Ion: 84 Resp: 9252
Ion Ratio Lower Upper
84 100
86 66.1 47.1 87.5
49 118.3 86.9 161.5

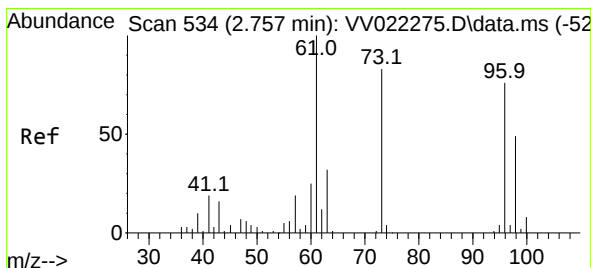
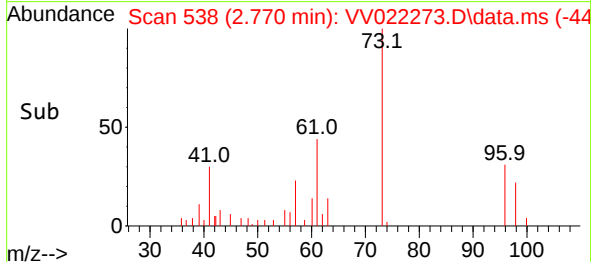
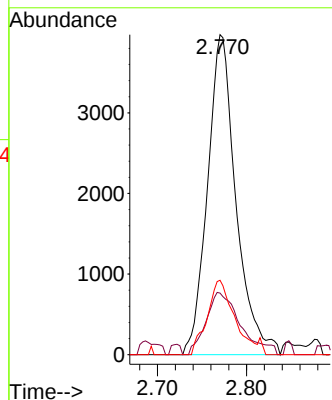
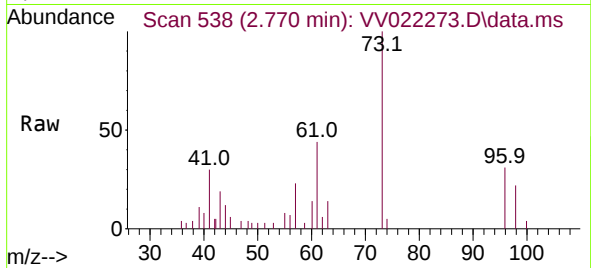




#17
Methyl tert-butyl Ether
Concen: 0.465 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV022273.D
Acq: 23 Sep 2021 10:15

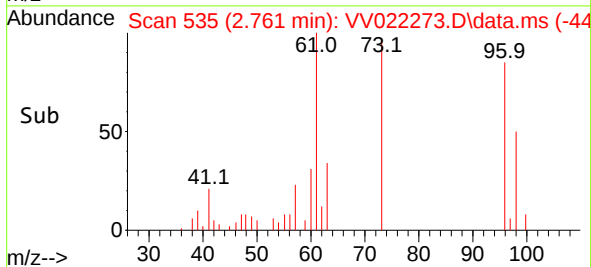
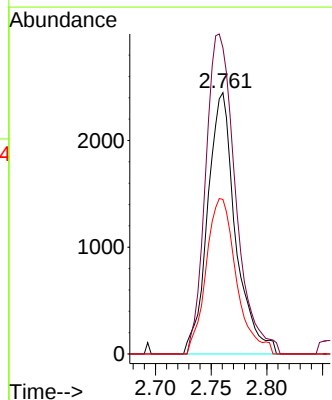
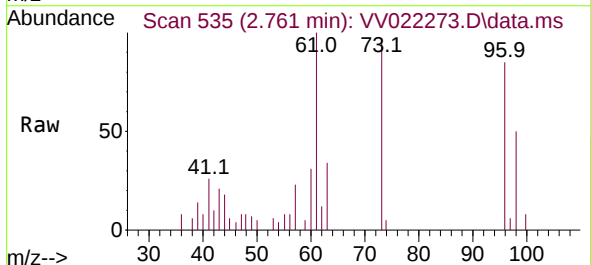
Instrument :
MSVOA_V
ClientSampleId :

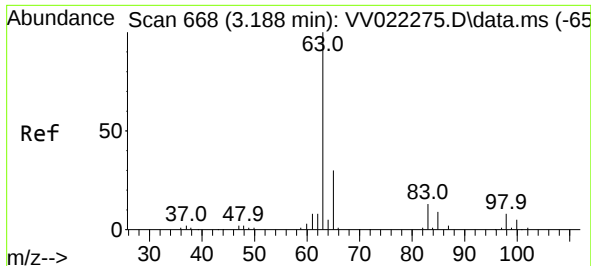
Tgt Ion: 73 Resp: 8820
Ion Ratio Lower Upper
73 100
43 23.6 15.0 22.6#
57 22.2 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 0.536 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV022273.D
Acq: 23 Sep 2021 10:15

Tgt Ion: 96 Resp: 4268
Ion Ratio Lower Upper
96 100
61 117.2 92.0 170.9
98 59.2 44.7 83.1





#19

1,1-Dichloroethane

Concen: 0.503 ug/L

RT: 3.188 min Scan# 668

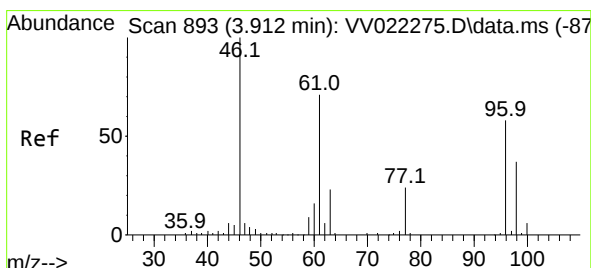
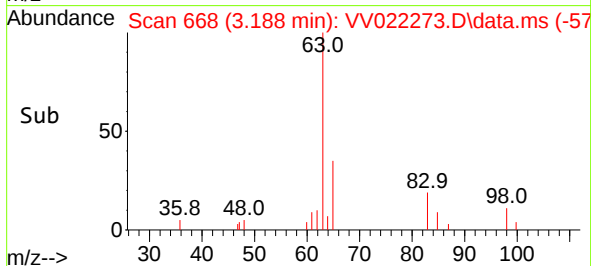
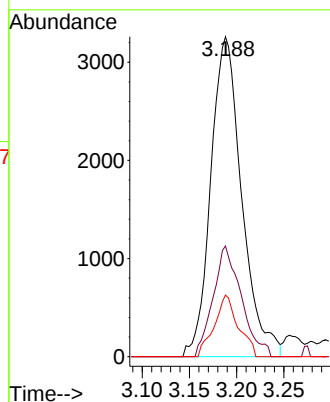
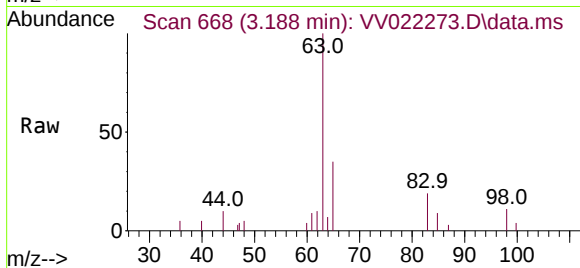
Delta R.T. -0.000 min

Lab File: VV022273.D

Acq: 23 Sep 2021 10:15

Tgt Ion:	63	Resp:	7415
Ion	Ratio	Lower	Upper
63	100		
65	34.6	20.6	38.4
83	19.2	9.4	17.4#

Instrument :
MSVOA_V
ClientSampleId :



#22

cis-1,2-Dichloroethene

Concen: 0.214 ug/L

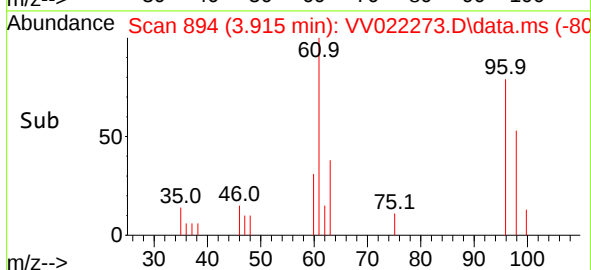
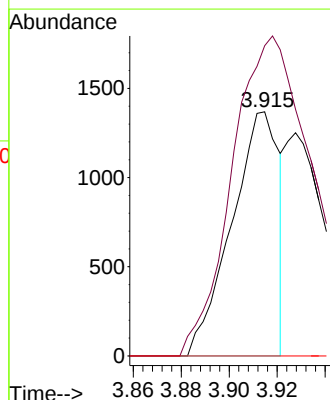
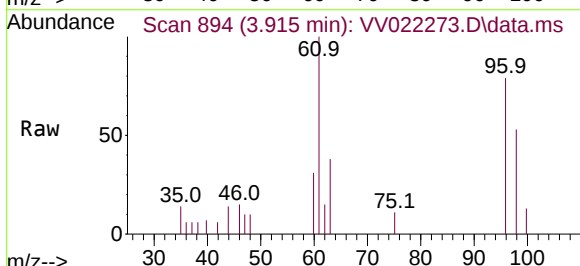
RT: 3.915 min Scan# 894

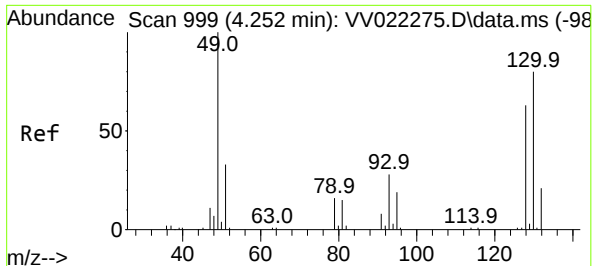
Delta R.T. 0.003 min

Lab File: VV022273.D

Acq: 23 Sep 2021 10:15

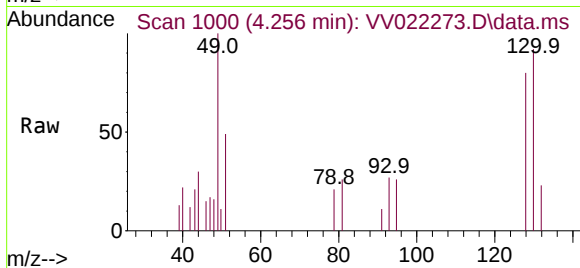
Tgt Ion:	96	Resp:	1876
Ion	Ratio	Lower	Upper
96	100		
61	127.0	85.8	159.3
68	0.0	0.0	0.0



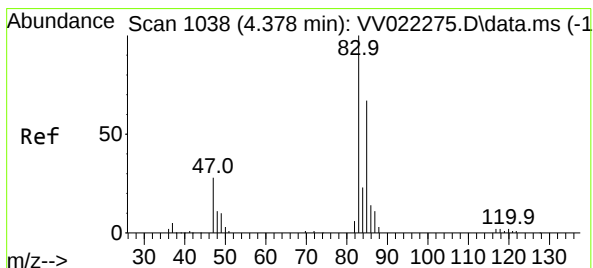
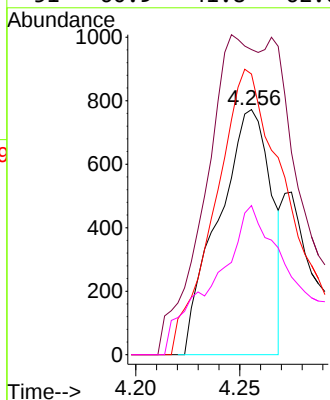
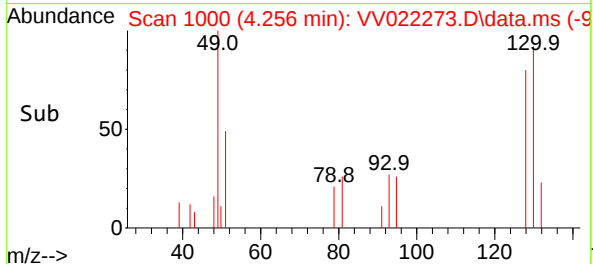


#23
Bromochloromethane
Concen: 0.343 ug/L
RT: 4.256 min Scan# 1000
Delta R.T. 0.003 min
Lab File: VV022273.D
Acq: 23 Sep 2021 10:15

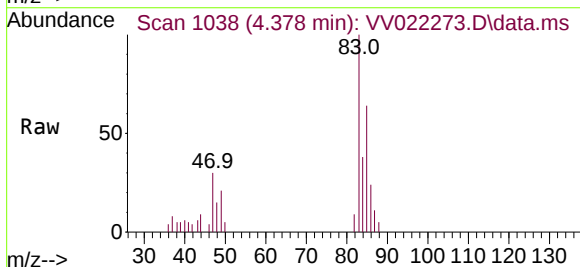
Instrument :
MSVOA_V
ClientSampled :



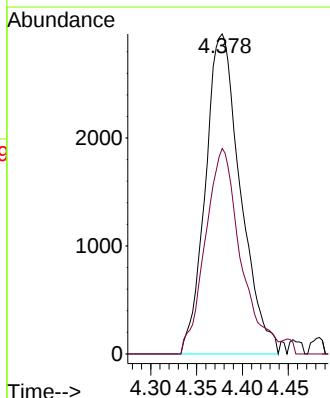
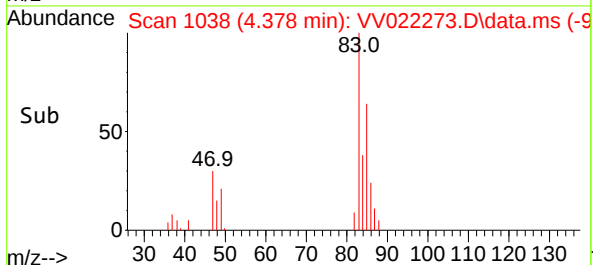
Tgt Ion:128 Resp: 1367
Ion Ratio Lower Upper
128 100
49 138.1 110.9 205.9
130 114.5 88.3 163.9
51 60.9 41.8 62.6

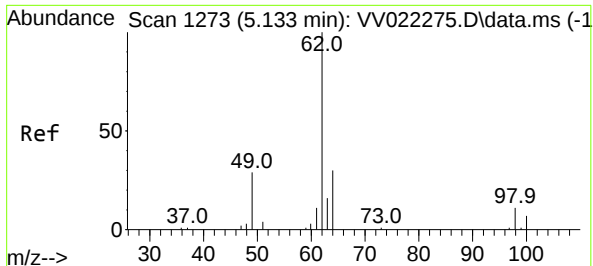


#25
Chloroform
Concen: 0.505 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VV022273.D
Acq: 23 Sep 2021 10:15



Tgt Ion: 83 Resp: 7865
Ion Ratio Lower Upper
83 100
85 64.2 47.0 87.2





#27

1,2-Dichloroethane

Concen: 0.449 ug/L

RT: 5.143 min Scan# 1276

Delta R.T. 0.010 min

Lab File: VV022273.D

Acq: 23 Sep 2021 10:15

Tgt Ion: 62 Resp: 3842

Ion Ratio Lower Upper

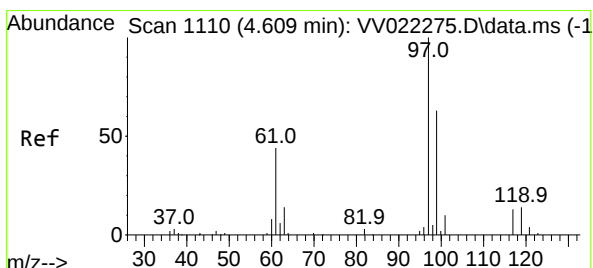
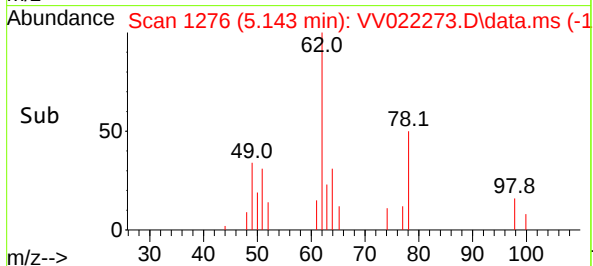
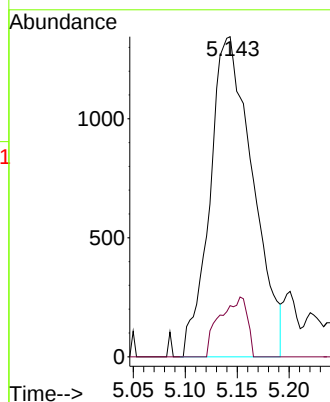
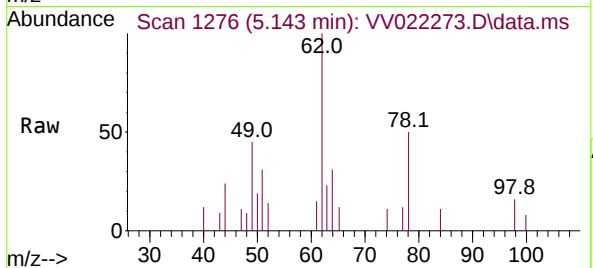
62 100

98 16.0 8.8 13.2#

Instrument :

MSVOA_V

ClientSampled :



#29

1,1,1-Trichloroethane

Concen: 0.480 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VV022273.D

Acq: 23 Sep 2021 10:15

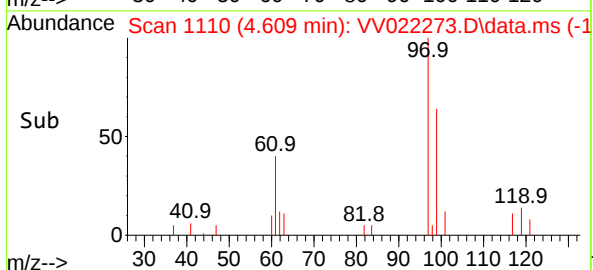
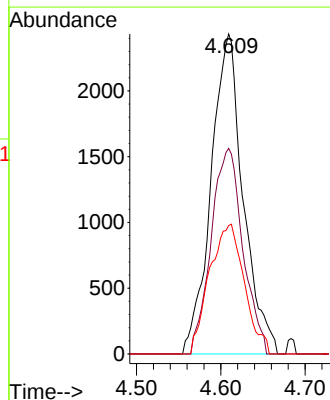
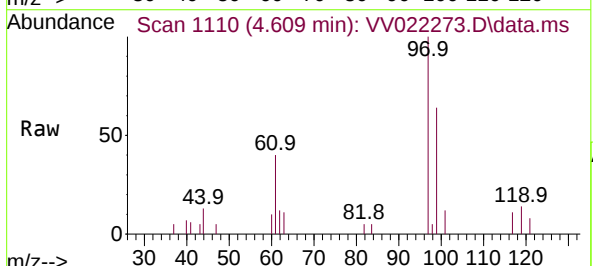
Tgt Ion: 97 Resp: 6440

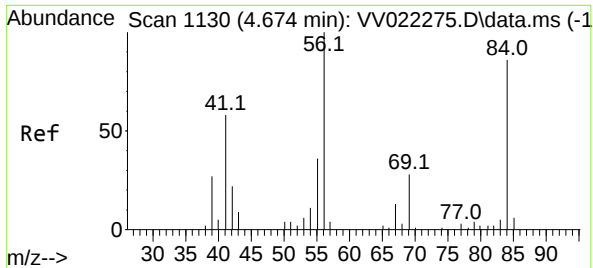
Ion Ratio Lower Upper

97 100

99 63.4 51.5 77.3

61 44.1 35.5 53.3

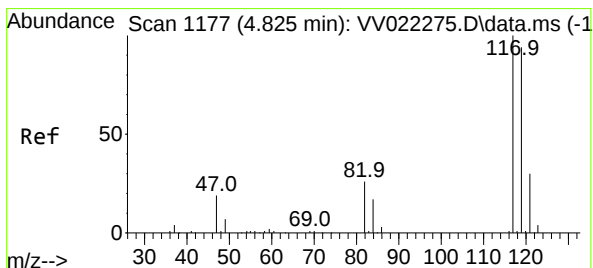
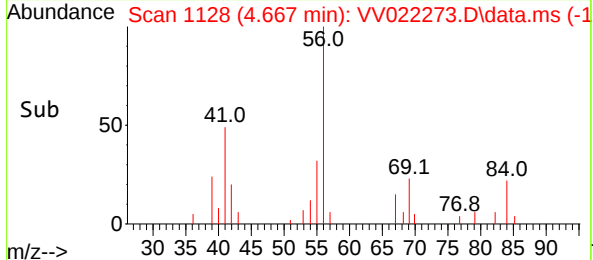
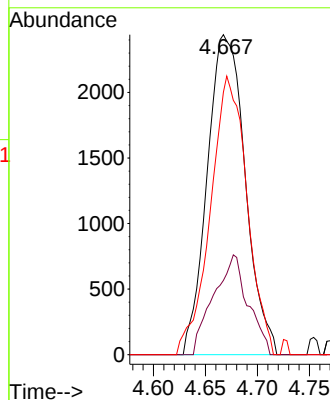
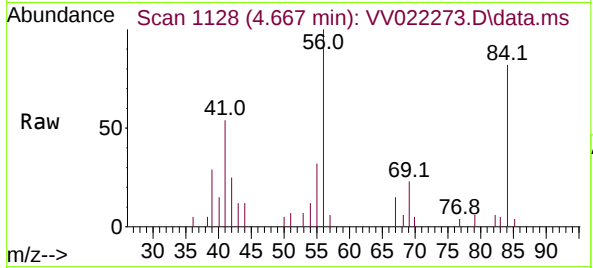




#30
Cyclohexane
Concen: 0.502 ug/L
RT: 4.667 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VV022273.D
Acq: 23 Sep 2021 10:15

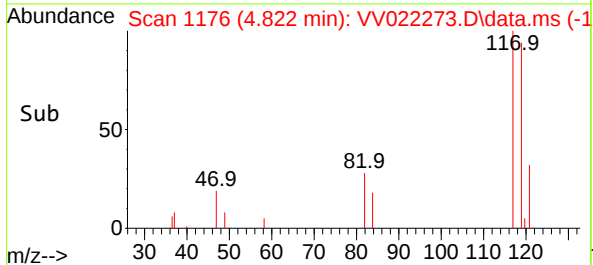
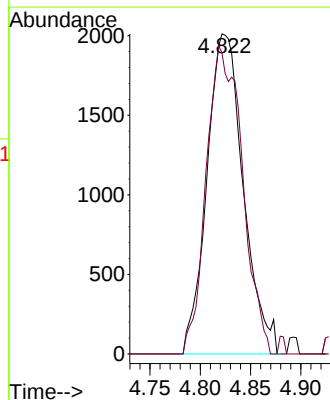
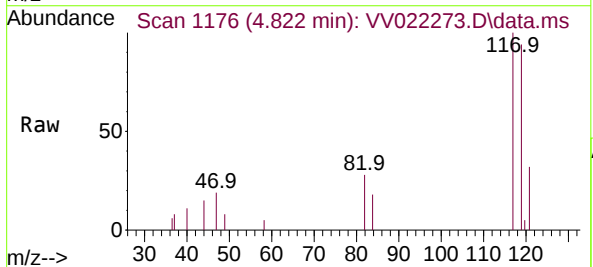
Instrument :
MSVOA_V
ClientSampled :

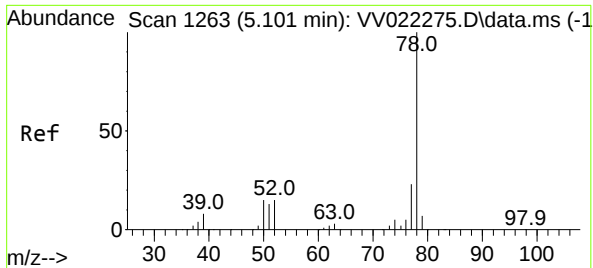
Tgt Ion: 56 Resp: 6213
Ion Ratio Lower Upper
56 100
69 28.3 24.1 36.1
84 83.5 70.8 106.2



#31
Carbon tetrachloride
Concen: 0.437 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. -0.003 min
Lab File: VV022273.D
Acq: 23 Sep 2021 10:15

Tgt Ion: 117 Resp: 5059
Ion Ratio Lower Upper
117 100
119 95.7 76.5 114.7

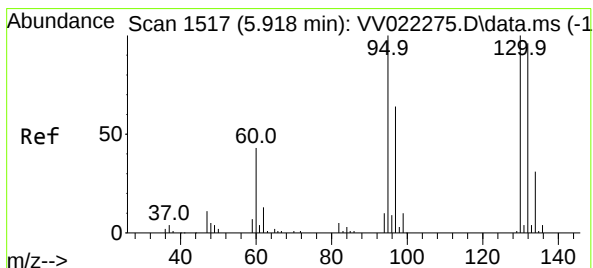
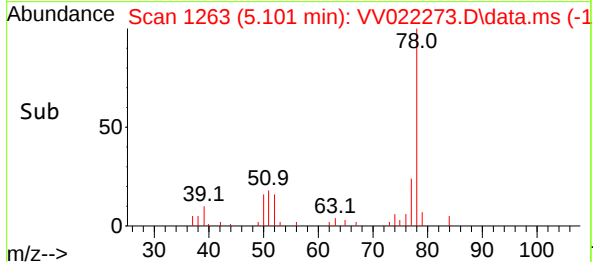
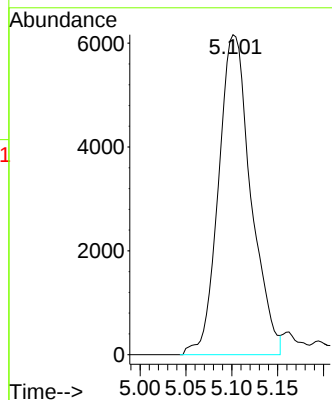
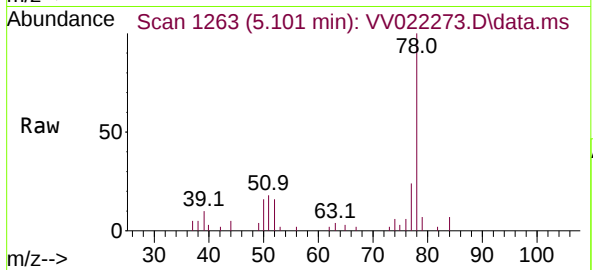




#33
Benzene
Concen: 0.466 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV022273.D
Acq: 23 Sep 2021 10:15

Instrument :
MSVOA_V
ClientSampled :

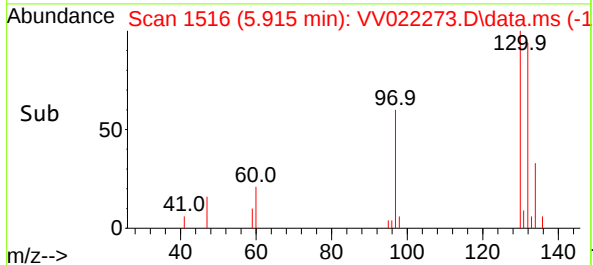
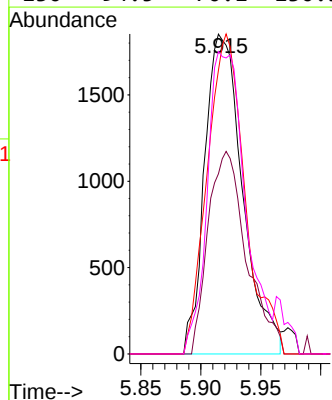
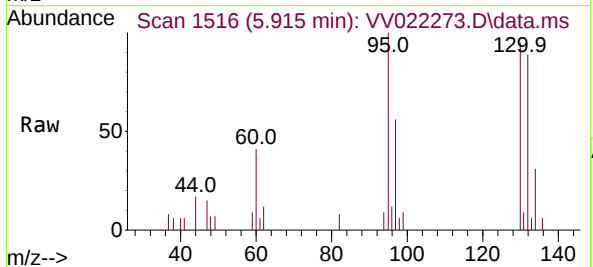
Tgt Ion: 78 Resp: 15175

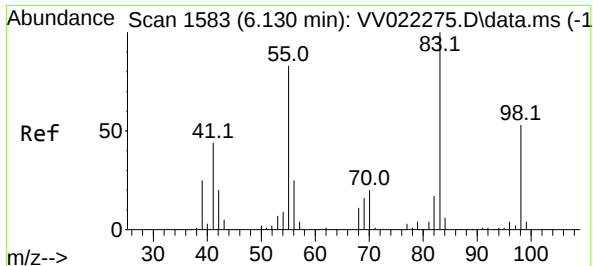


#34
Trichloroethene
Concen: 0.452 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV022273.D
Acq: 23 Sep 2021 10:15

Tgt Ion: 95 Resp: 4077

Ion	Ratio	Lower	Upper
95	100		
97	56.3	44.7	82.9
132	88.7	67.5	125.3
130	94.5	70.1	130.3





#35

Methylcyclohexane

Concen: 0.445 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. -0.006 min

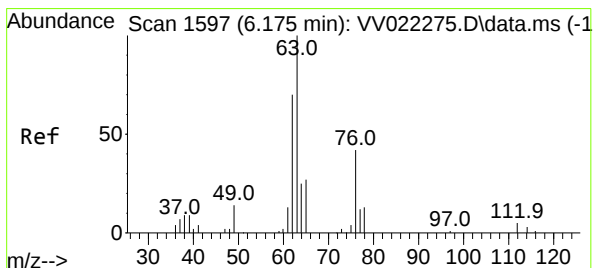
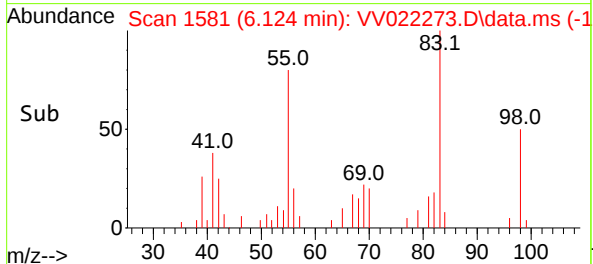
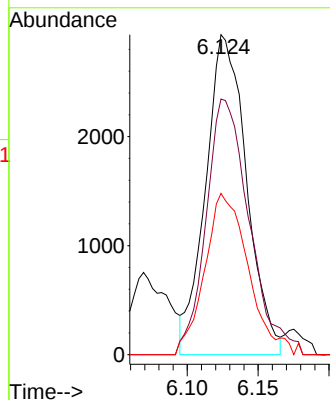
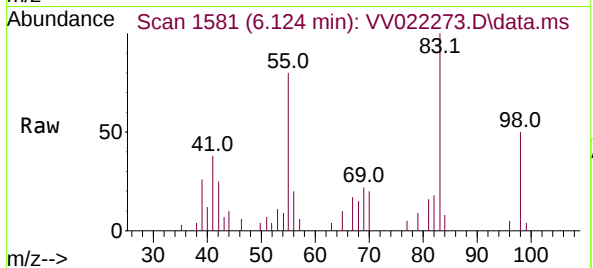
Lab File: VV022273.D

Acq: 23 Sep 2021 10:15

Tgt Ion: 83 Resp: 5894

Ion	Ratio	Lower	Upper
83	100		
55	84.1	60.2	90.2
98	53.8	39.5	59.3

Instrument :
MSVOA_V
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.502 ug/L

RT: 6.178 min Scan# 1598

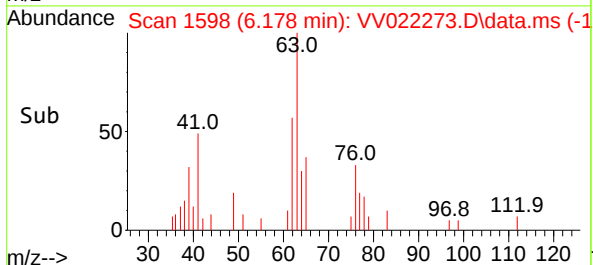
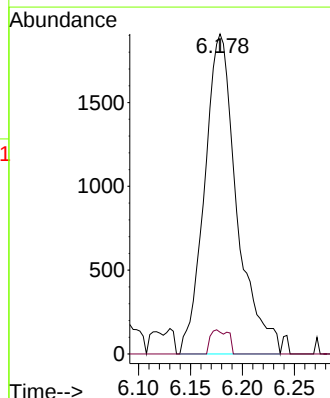
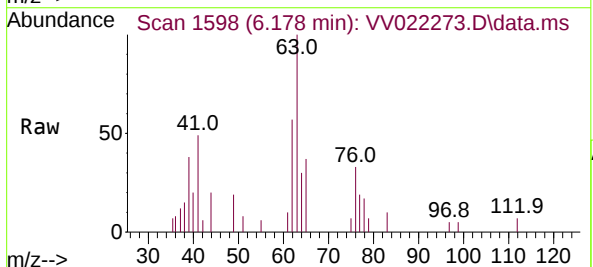
Delta R.T. 0.003 min

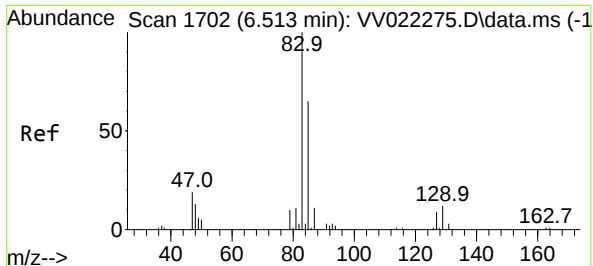
Lab File: VV022273.D

Acq: 23 Sep 2021 10:15

Tgt Ion: 63 Resp: 4124

Ion	Ratio	Lower	Upper
63	100		
112	4.2	4.2	6.2

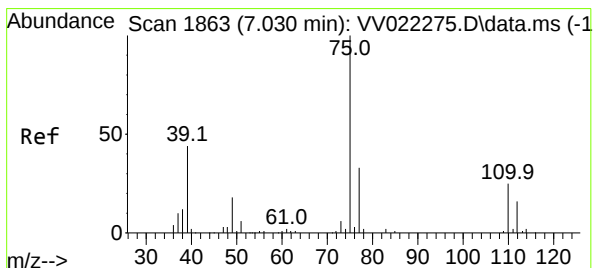
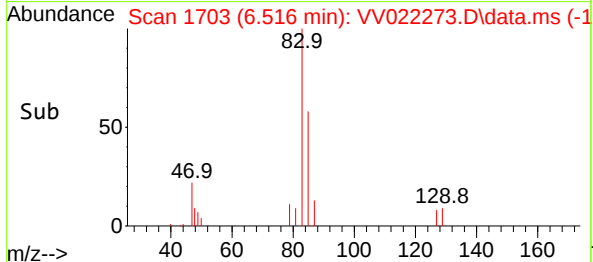
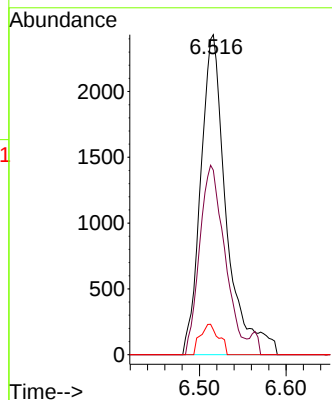
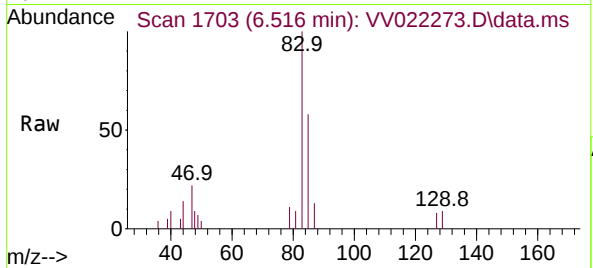




#38
Bromodichloromethane
Concen: 0.480 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.003 min
Lab File: VV022273.D
Acq: 23 Sep 2021 10:15

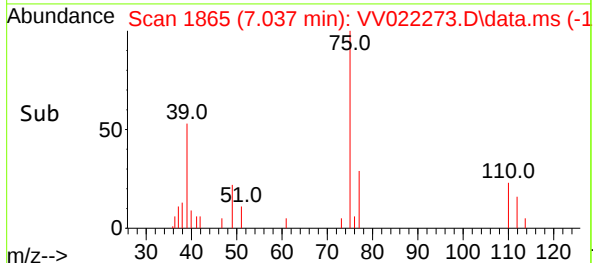
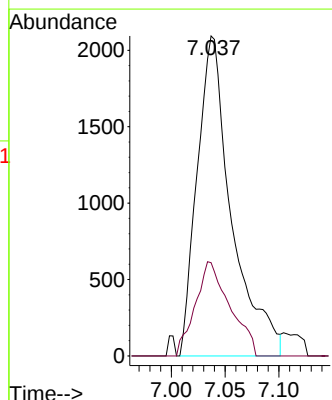
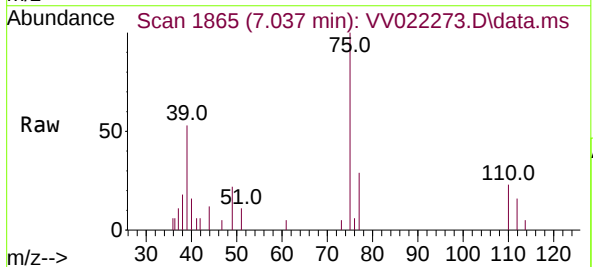
Instrument :
MSVOA_V
ClientSampled :

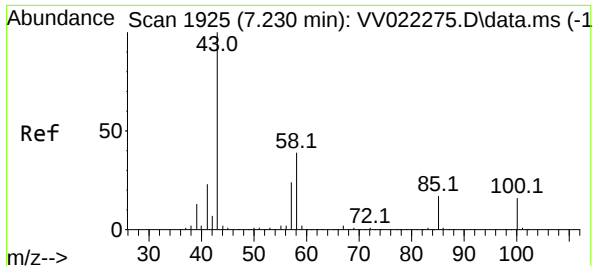
Tgt Ion: 83 Resp: 4987
Ion Ratio Lower Upper
83 100
85 57.6 45.4 84.4
127 7.8 7.0 10.4



#39
cis-1,3-Dichloropropene
Concen: 0.401 ug/L
RT: 7.037 min Scan# 1865
Delta R.T. 0.006 min
Lab File: VV022273.D
Acq: 23 Sep 2021 10:15

Tgt Ion: 75 Resp: 4658
Ion Ratio Lower Upper
75 100
77 29.1 22.8 42.4





#40

4-Methyl-2-pentanone

Concen: 4.264 ug/L

RT: 7.236 min Scan# 1927

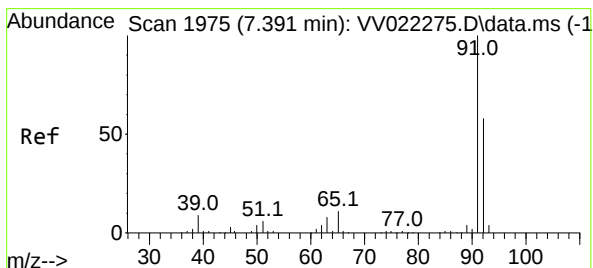
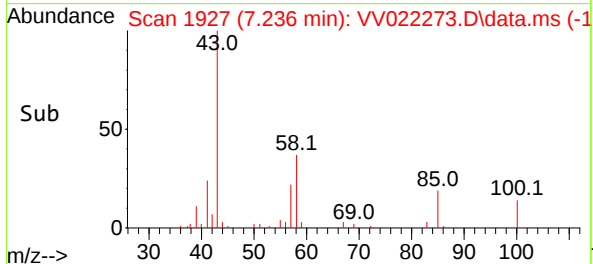
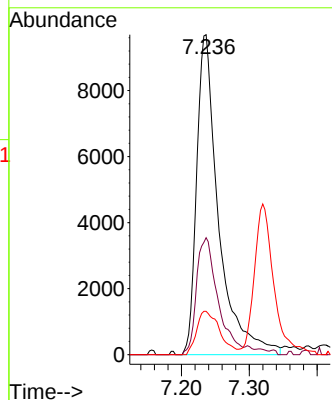
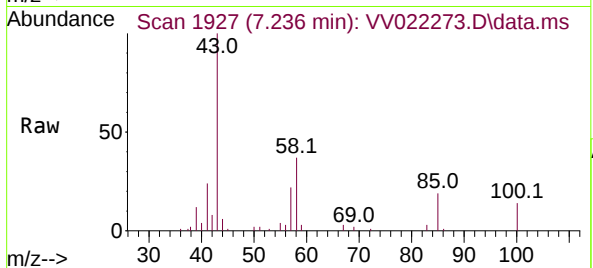
Delta R.T. 0.006 min

Lab File: VV022273.D

Acq: 23 Sep 2021 10:15

Tgt Ion:	43	Resp:	21765
Ion	Ratio	Lower	Upper
43	100		
58	35.6	31.7	47.5
100	14.4	12.2	18.4

Instrument :
MSVOA_V
ClientSampled :



#42

Toluene

Concen: 0.411 ug/L

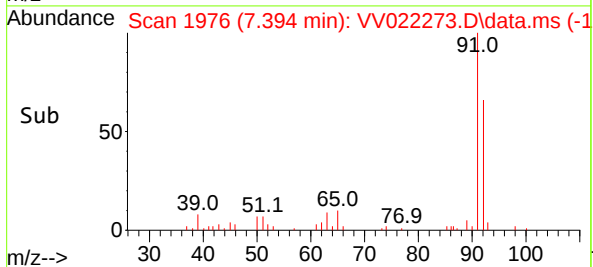
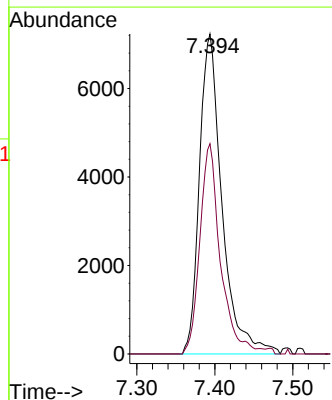
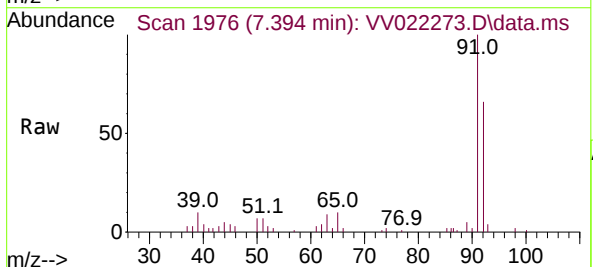
RT: 7.394 min Scan# 1976

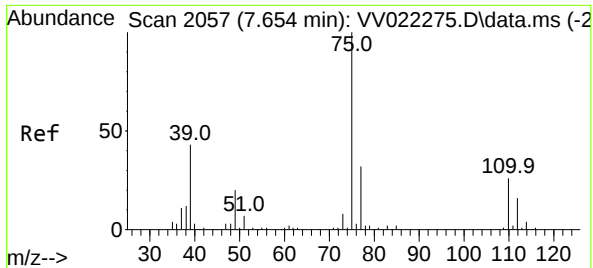
Delta R.T. 0.003 min

Lab File: VV022273.D

Acq: 23 Sep 2021 10:15

Tgt Ion:	91	Resp:	14547
Ion	Ratio	Lower	Upper
91	100		
92	65.7	40.6	75.4

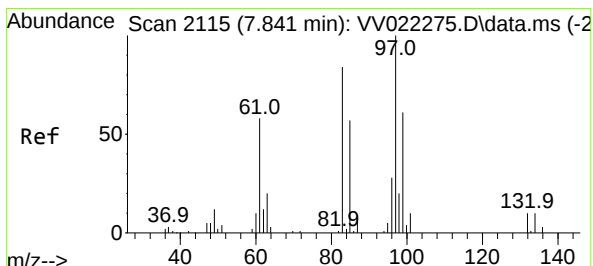
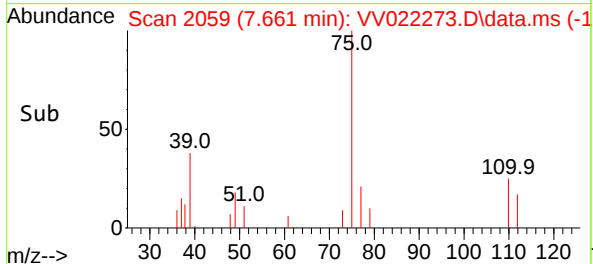
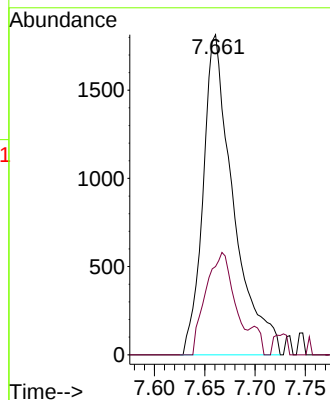
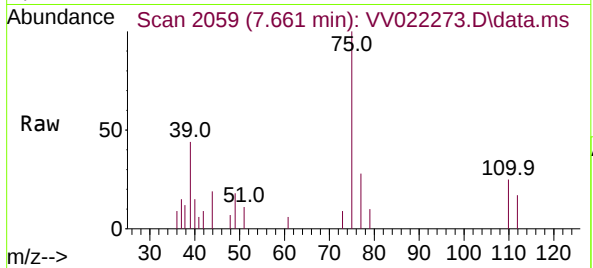




#44
trans-1,3-Dichloropropene
Concen: 0.381 ug/L
RT: 7.661 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VV022273.D
Acq: 23 Sep 2021 10:15

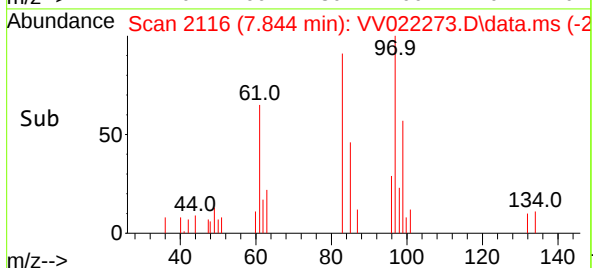
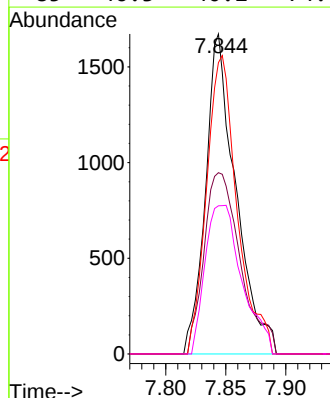
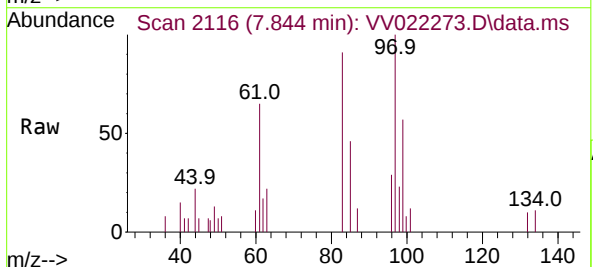
Instrument :
MSVOA_V
ClientSampled :

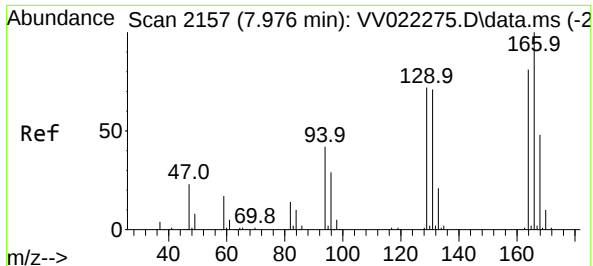
Tgt Ion: 75 Resp: 3802
Ion Ratio Lower Upper
75 100
77 27.5 22.8 42.4



#45
1,1,2-Trichloroethane
Concen: 0.478 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.003 min
Lab File: VV022273.D
Acq: 23 Sep 2021 10:15

Tgt Ion: 97 Resp: 2939
Ion Ratio Lower Upper
97 100
99 56.6 42.6 79.2
83 91.0 58.9 109.5
85 46.3 40.2 74.6





#47

Tetrachloroethene

Concen: 0.442 ug/L

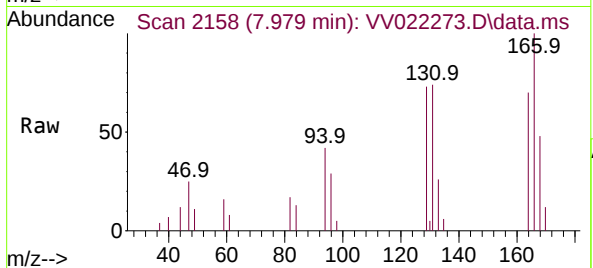
RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV022273.D

Acq: 23 Sep 2021 10:15

Instrument :
MSVOA_V
ClientSampled :



Tgt Ion:164 Resp: 3157

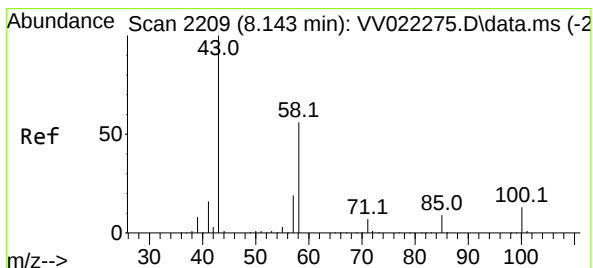
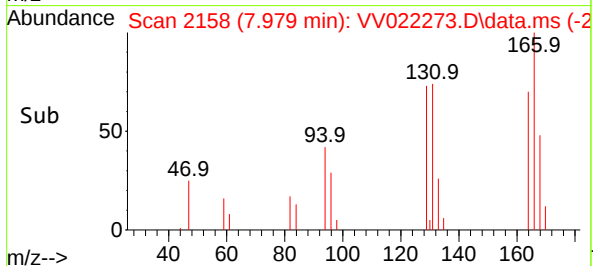
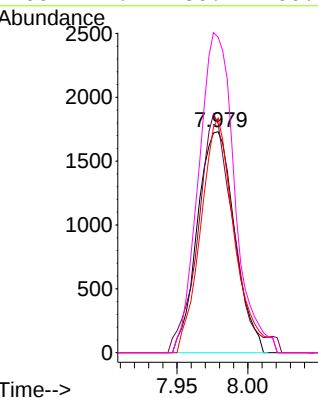
Ion Ratio Lower Upper

164 100

129 103.8 61.9 115.1

131 106.1 61.0 113.4

166 142.7 86.4 160.4



#48

2-Hexanone

Concen: 3.743 ug/L

RT: 8.149 min Scan# 2211

Delta R.T. 0.006 min

Lab File: VV022273.D

Acq: 23 Sep 2021 10:15

Tgt Ion: 43 Resp: 13255

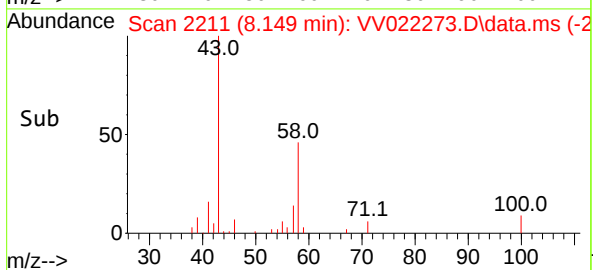
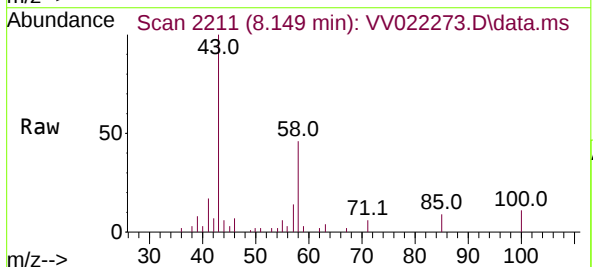
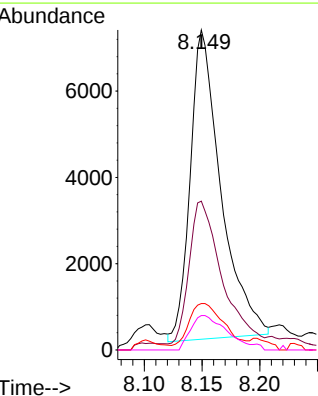
Ion Ratio Lower Upper

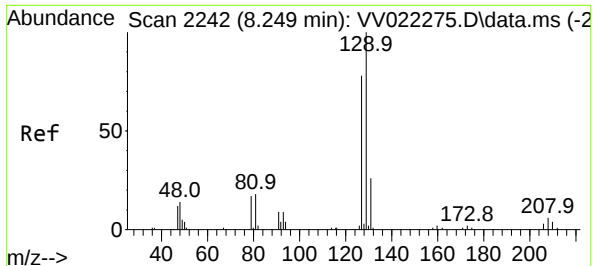
43 100

58 49.8 44.1 66.1

57 17.9 14.2 21.4

100 13.4 10.0 15.0





#49

Dibromochloromethane

Concen: 0.383 ug/L

RT: 8.249 min Scan# 2242

Delta R.T. -0.000 min

Lab File: VV022273.D

Acq: 23 Sep 2021 10:15

Tgt Ion:129 Resp: 2753

Ion Ratio Lower Upper

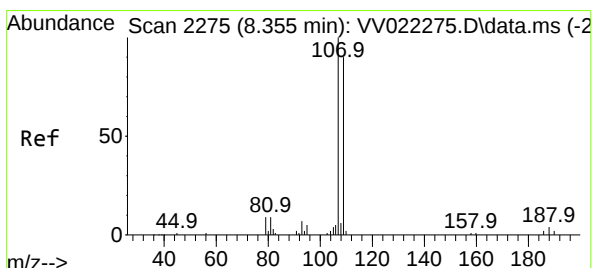
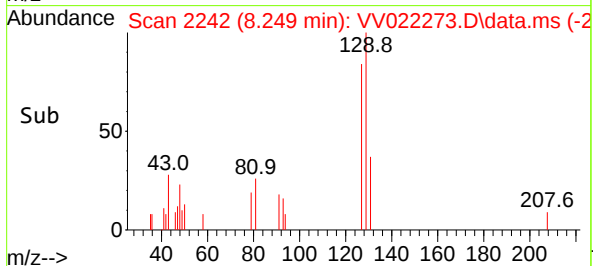
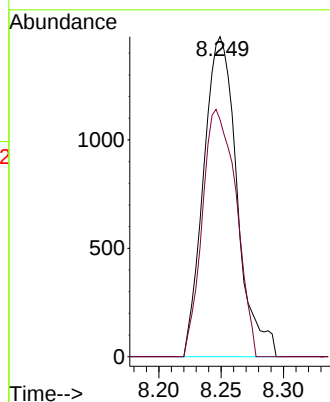
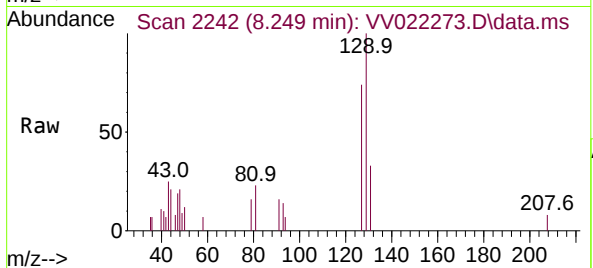
129 100

127 74.1 54.5 101.3

Instrument :

MSVOA_V

ClientSampleId :



#50

1,2-Dibromoethane

Concen: 0.444 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. -0.000 min

Lab File: VV022273.D

Acq: 23 Sep 2021 10:15

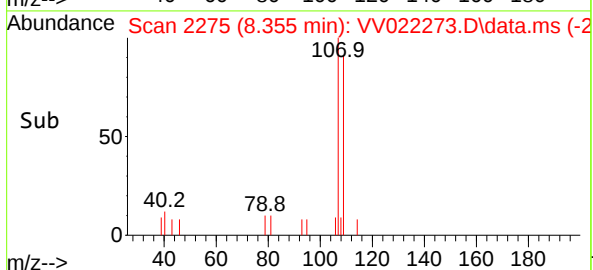
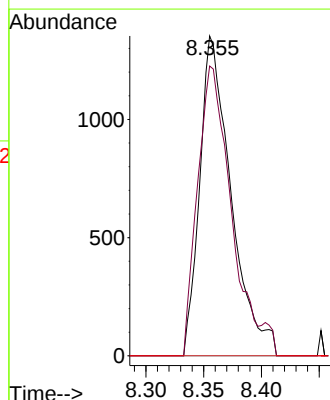
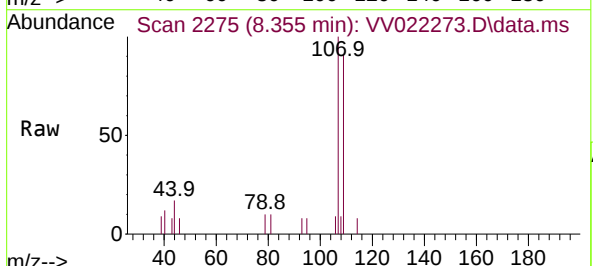
Tgt Ion:107 Resp: 2558

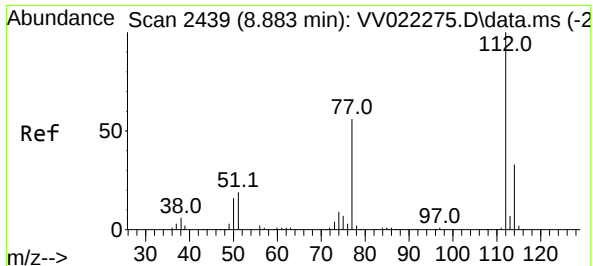
Ion Ratio Lower Upper

107 100

109 90.6 62.8 116.6

188 0.0 2.8 4.2#





#51

Chlorobenzene

Concen: 0.458 ug/L

RT: 8.886 min Scan# 2440

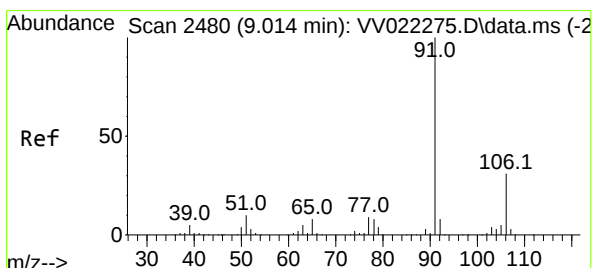
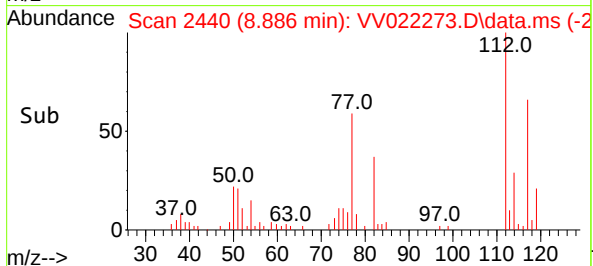
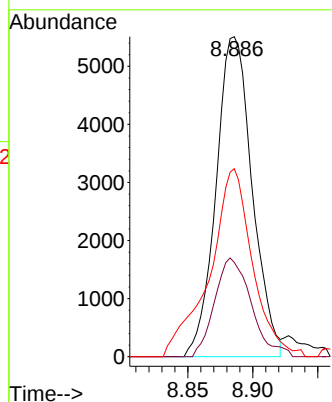
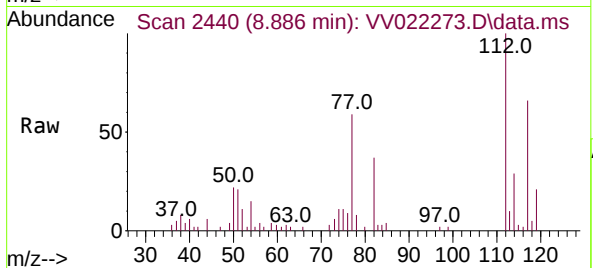
Delta R.T. 0.003 min

Lab File: VV022273.D

Acq: 23 Sep 2021 10:15

Tgt Ion:	112	Resp:	10669
Ion Ratio	Lower	Upper	
112	100		
114	29.5	23.4	43.4
77	58.7	45.2	67.8

Instrument :
MSVOA_V
ClientSampleId :



#52

Ethylbenzene

Concen: 0.400 ug/L

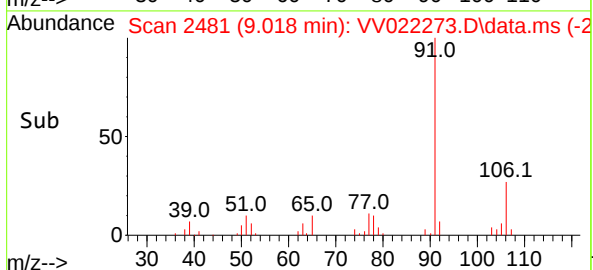
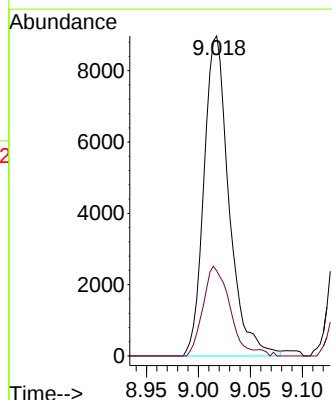
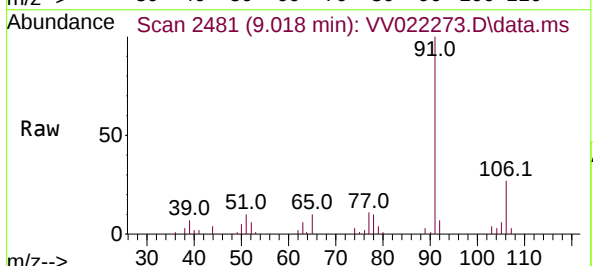
RT: 9.018 min Scan# 2481

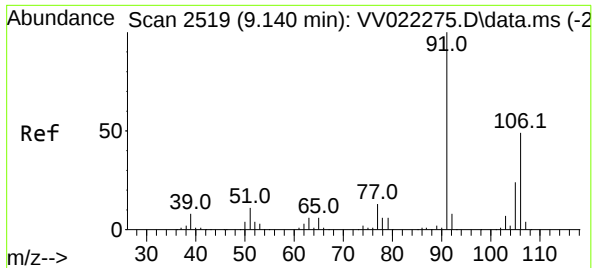
Delta R.T. 0.003 min

Lab File: VV022273.D

Acq: 23 Sep 2021 10:15

Tgt Ion:	91	Resp:	15042
Ion Ratio	Lower	Upper	
91	100		
106	26.6	22.0	40.8

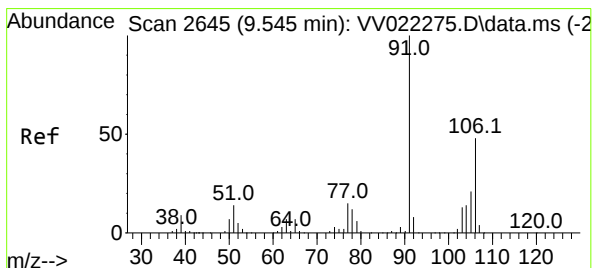
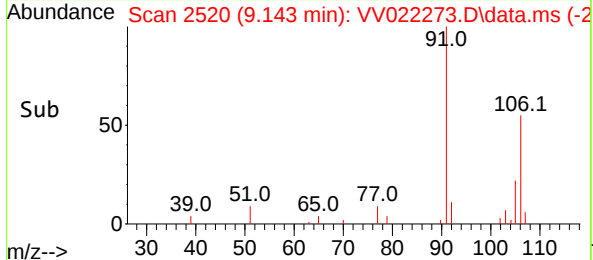
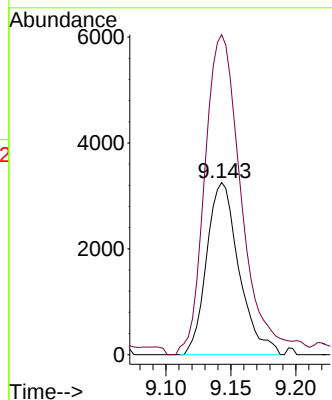
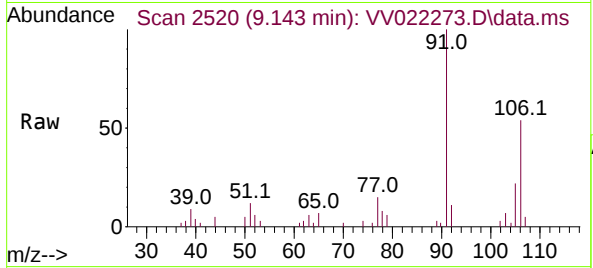




#53
m,p-xylene
Concen: 0.384 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV022273.D
Acq: 23 Sep 2021 10:15

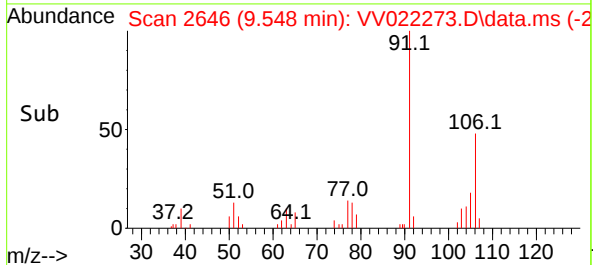
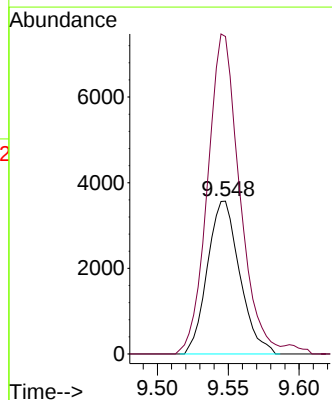
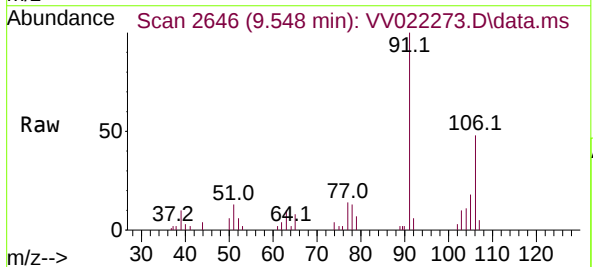
Instrument :
MSVOA_V
ClientSampled :

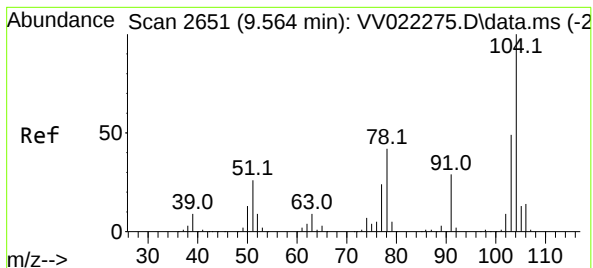
Tgt Ion:106 Resp: 5631
Ion Ratio Lower Upper
106 100
91 185.8 142.7 264.9



#54
o-xylene
Concen: 0.391 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV022273.D
Acq: 23 Sep 2021 10:15

Tgt Ion:106 Resp: 5659
Ion Ratio Lower Upper
106 100
91 207.8 144.7 268.7





#55

Styrene

Concen: 0.355 ug/L

RT: 9.567 min Scan# 2652

Delta R.T. 0.003 min

Lab File: VV022273.D

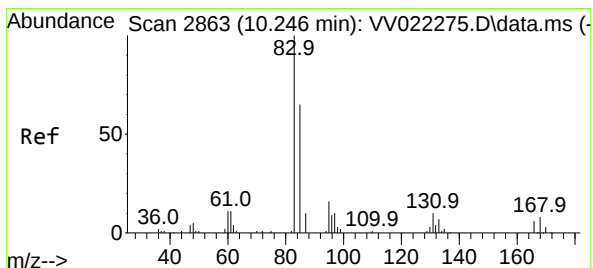
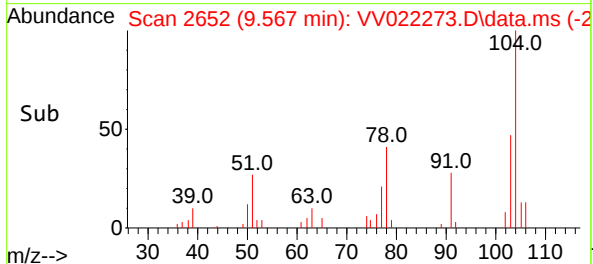
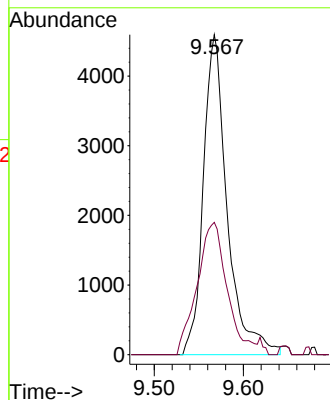
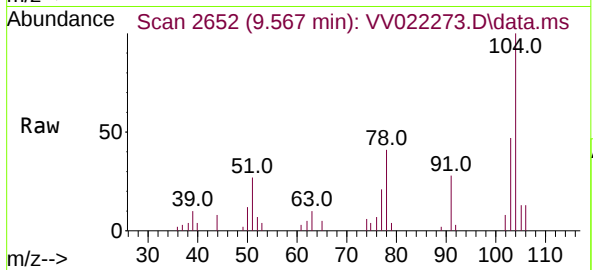
Acq: 23 Sep 2021 10:15

Tgt Ion:104 Resp: 8527

Ion Ratio Lower Upper

104 100

78 41.3 29.1 54.1



#57

1,1,2,2-Tetrachloroethane

Concen: 0.565 ug/L

RT: 10.246 min Scan# 2863

Delta R.T. -0.000 min

Lab File: VV022273.D

Acq: 23 Sep 2021 10:15

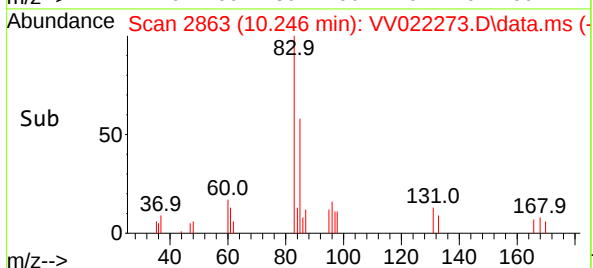
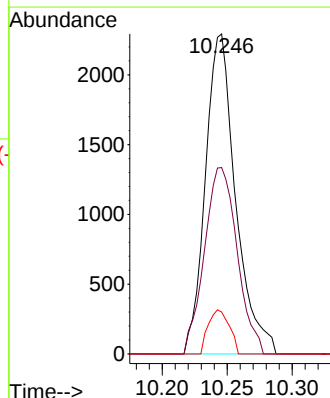
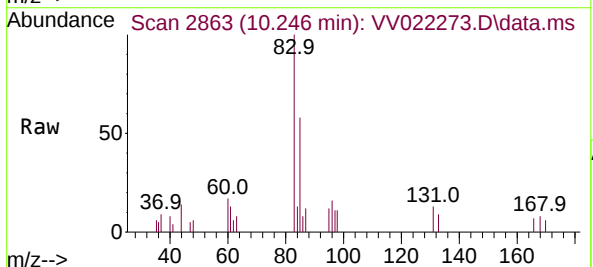
Tgt Ion: 83 Resp: 3715

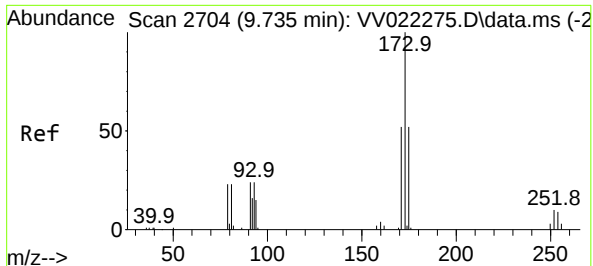
Ion Ratio Lower Upper

83 100

85 58.3 45.3 84.1

131 13.1 8.9 13.3





#59

Bromoform

Concen: 0.429 ug/L

RT: 9.738 min Scan# 2705

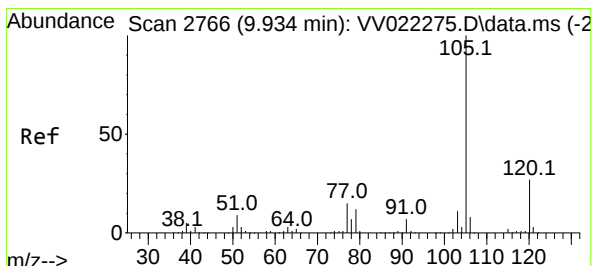
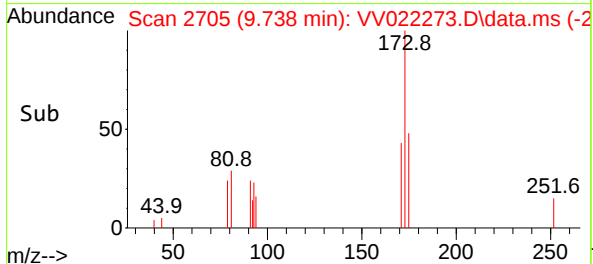
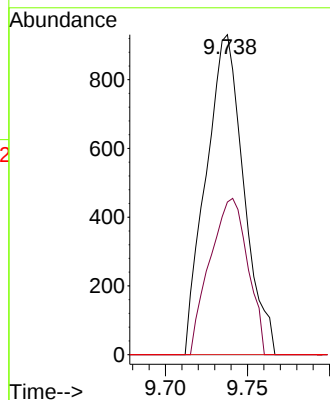
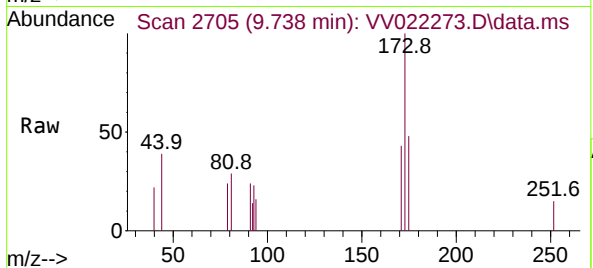
Delta R.T. 0.003 min

Lab File: VV022273.D

Acq: 23 Sep 2021 10:15

Tgt Ion:173	Resp:	1486
Ion Ratio	Lower	Upper
173	100	
175	49.1	40.9 61.3
254	0.0	7.4 11.2#

Instrument :
MSVOA_V
ClientSampled :



#60

Isopropylbenzene

Concen: 0.412 ug/L

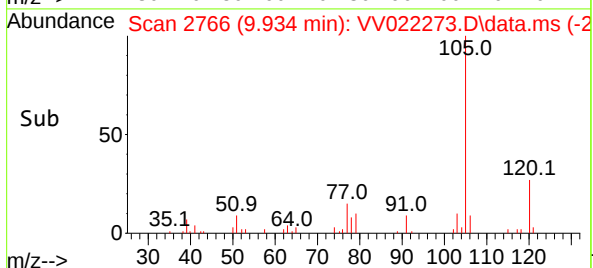
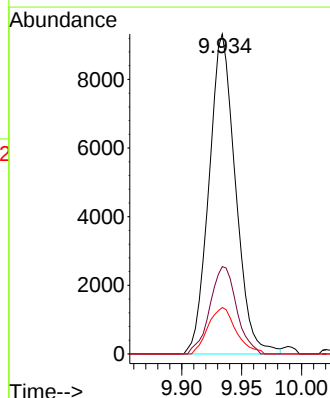
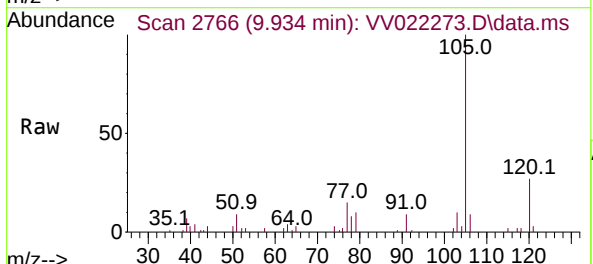
RT: 9.934 min Scan# 2766

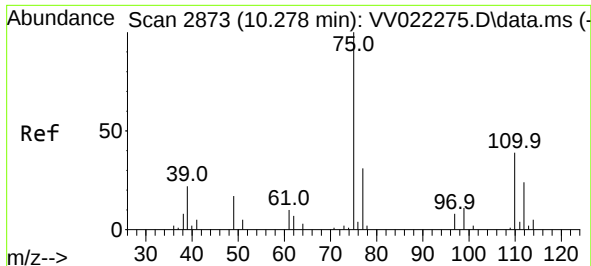
Delta R.T. -0.000 min

Lab File: VV022273.D

Acq: 23 Sep 2021 10:15

Tgt Ion:105	Resp:	14317
Ion Ratio	Lower	Upper
105	100	
120	27.4	21.3 31.9
77	15.3	12.3 18.5

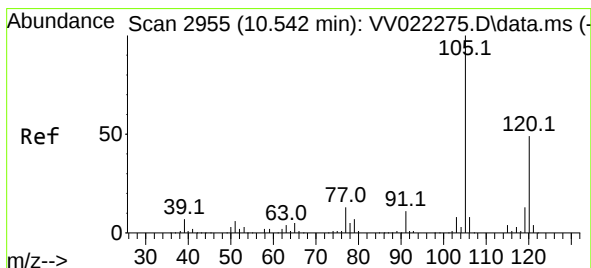
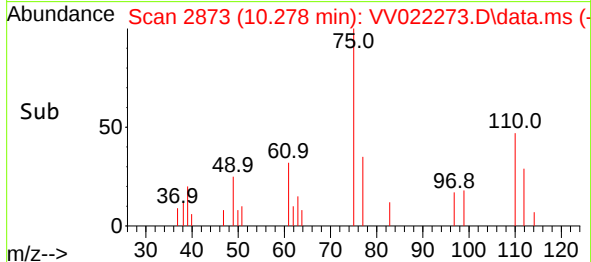
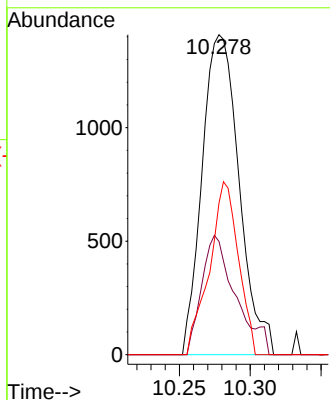
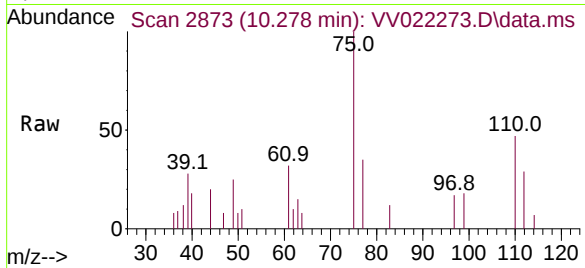




#61
1,2,3-Trichloropropane
Concen: 0.549 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV022273.D
Acq: 23 Sep 2021 10:15

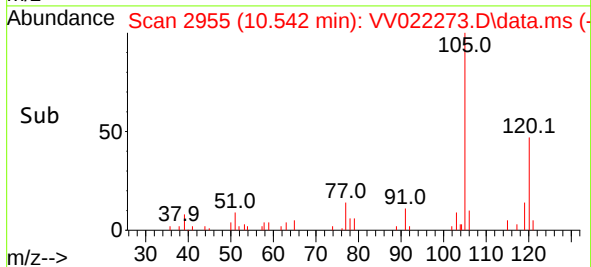
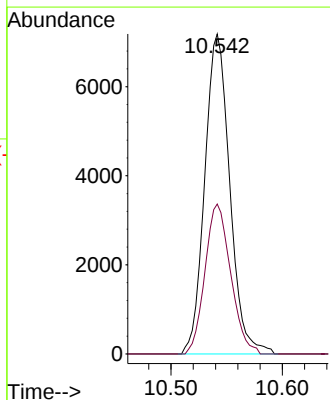
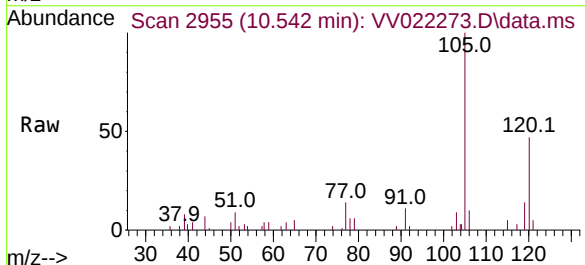
Instrument :
MSVOA_V
ClientSampleId :

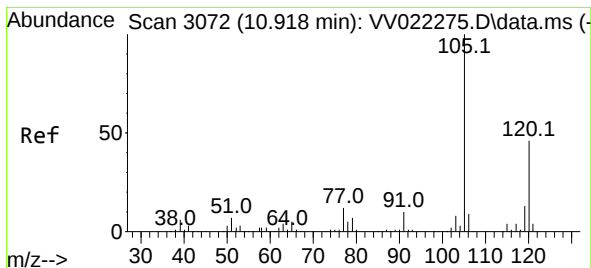
Tgt Ion:	75	Resp:	2562
Ion	Ratio	Lower	Upper
75	100		
77	34.3	25.5	38.3
110	42.3	31.7	47.5



#62
1,3,5-Trimethylbenzene
Concen: 0.388 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV022273.D
Acq: 23 Sep 2021 10:15

Tgt Ion:	105	Resp:	11212
Ion	Ratio	Lower	Upper
105	100		
120	48.0	39.6	59.4

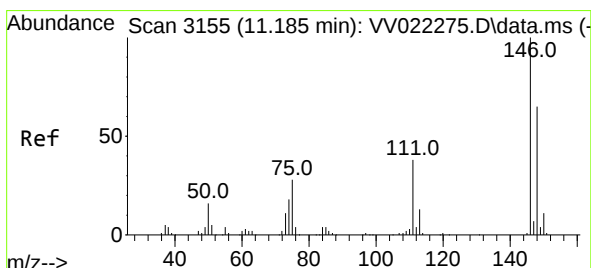
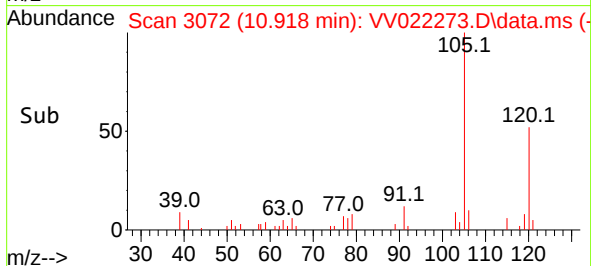
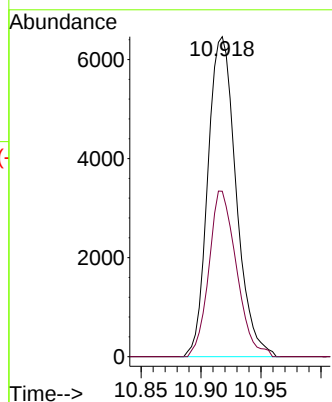
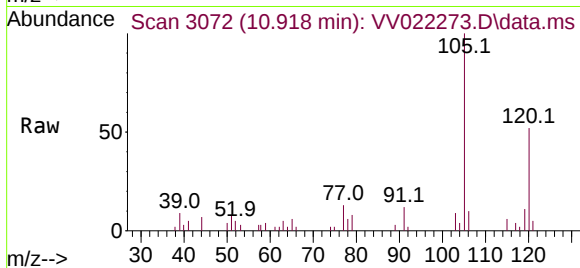




#63
1,2,4-Trimethylbenzene
Concen: 0.361 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. -0.000 min
Lab File: VV022273.D
Acq: 23 Sep 2021 10:15

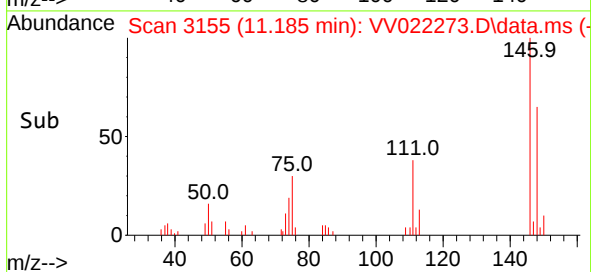
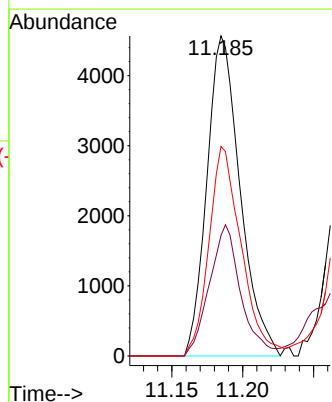
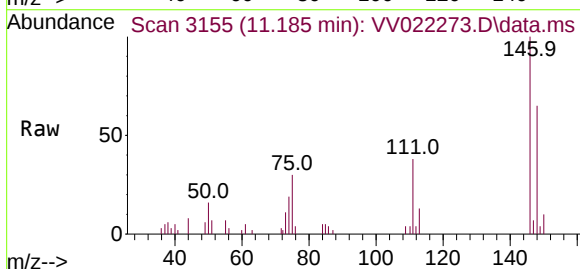
Instrument :
MSVOA_V
ClientSampleId :

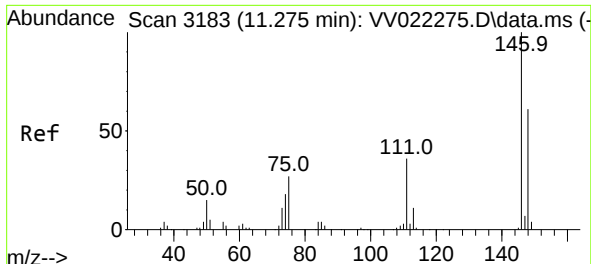
Tgt Ion:105 Resp: 10567
Ion Ratio Lower Upper
105 100
120 50.6 37.0 55.6



#64
1,3-Dichlorobenzene
Concen: 0.443 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. -0.000 min
Lab File: VV022273.D
Acq: 23 Sep 2021 10:15

Tgt Ion:146 Resp: 7459
Ion Ratio Lower Upper
146 100
111 37.6 26.7 49.5
148 65.5 45.7 84.9

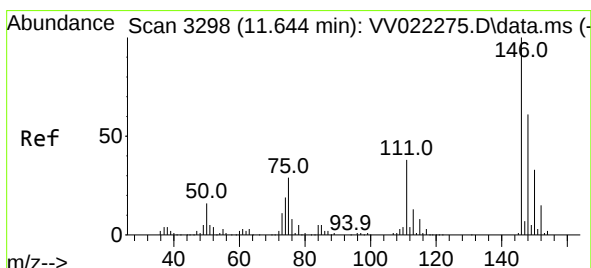
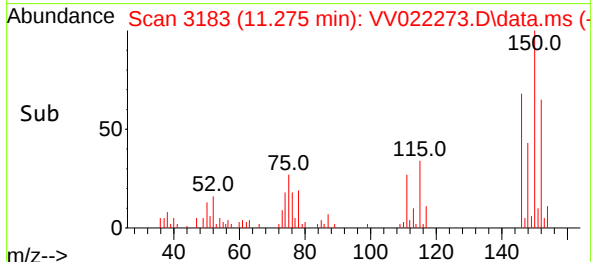
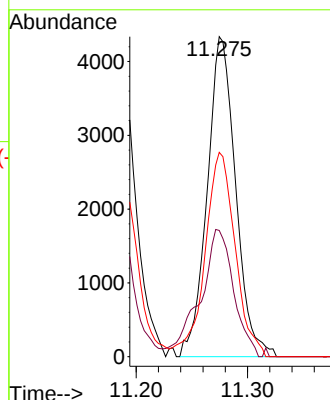
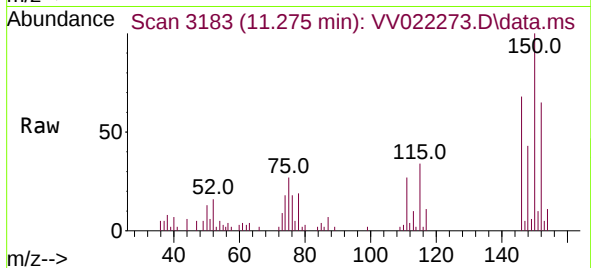




#65
1,4-Dichlorobenzene
Concen: 0.458 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV022273.D
Acq: 23 Sep 2021 10:15

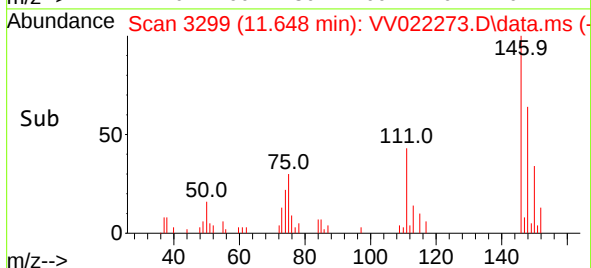
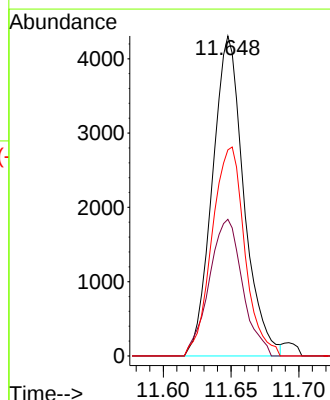
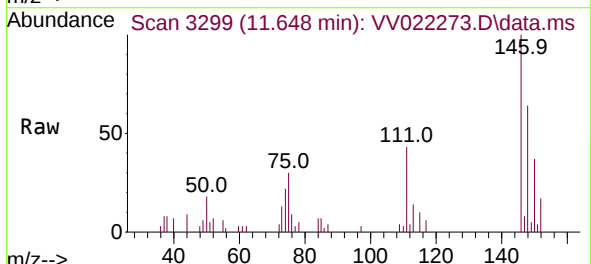
Instrument :
MSVOA_V
ClientSampleId :

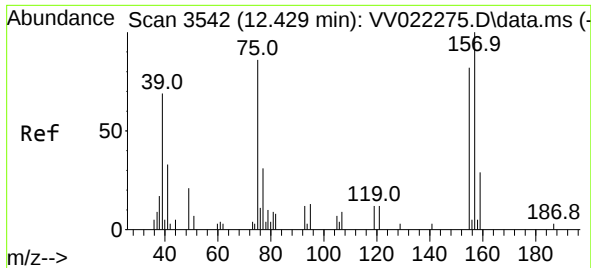
Tgt Ion:146 Resp: 7710
Ion Ratio Lower Upper
146 100
111 39.5 25.5 47.3
148 63.8 42.6 79.0



#67
1,2-Dichlorobenzene
Concen: 0.441 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.003 min
Lab File: VV022273.D
Acq: 23 Sep 2021 10:15

Tgt Ion:146 Resp: 6948
Ion Ratio Lower Upper
146 100
111 42.7 30.8 46.2
148 64.4 49.1 73.7

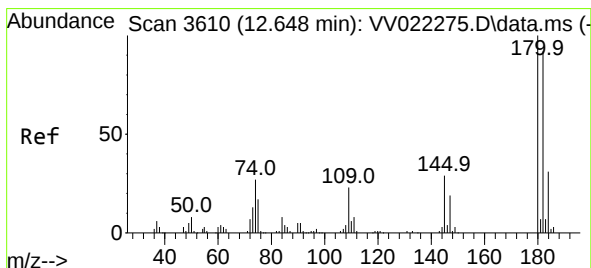
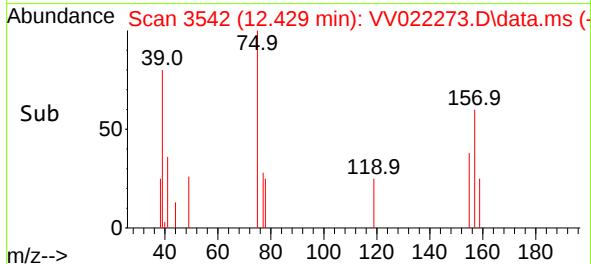
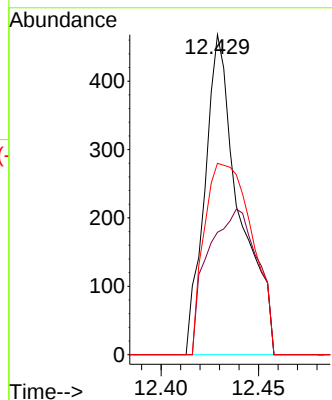
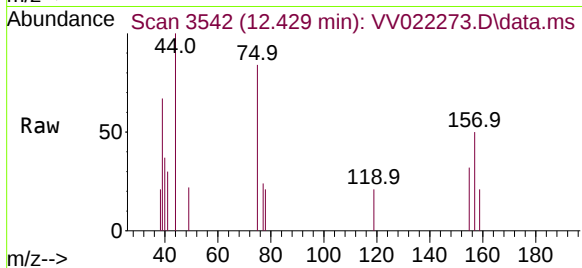




#68
1,2-Dibromo-3-chloropropane
Concen: 0.655 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV022273.D
Acq: 23 Sep 2021 10:15

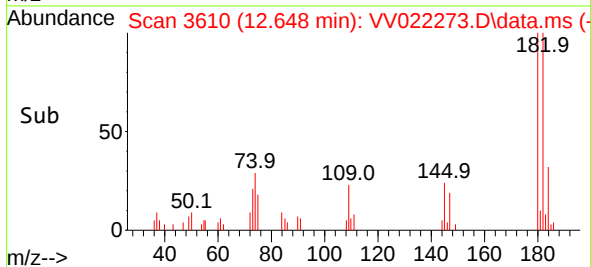
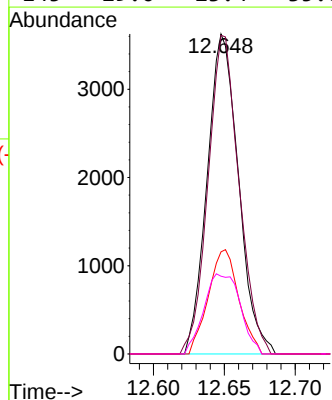
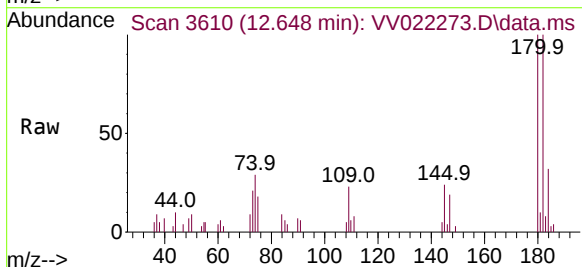
Instrument :
MSVOA_V
ClientSampleId :

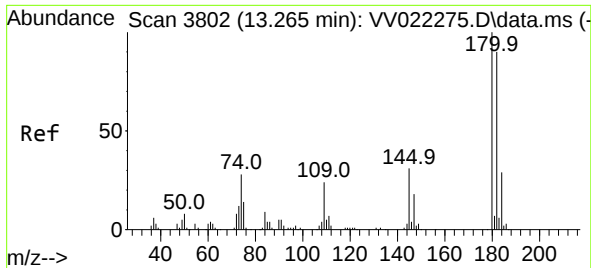
Tgt Ion: 75 Resp: 578
Ion Ratio Lower Upper
75 100
155 38.2 75.6 113.4#
157 59.8 92.6 139.0#



#69
1,3,5-Trichlorobenzene
Concen: 0.427 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV022273.D
Acq: 23 Sep 2021 10:15

Tgt Ion: 180 Resp: 5572
Ion Ratio Lower Upper
180 100
182 98.2 74.6 112.0
184 31.7 24.0 36.0
145 29.0 23.4 35.0

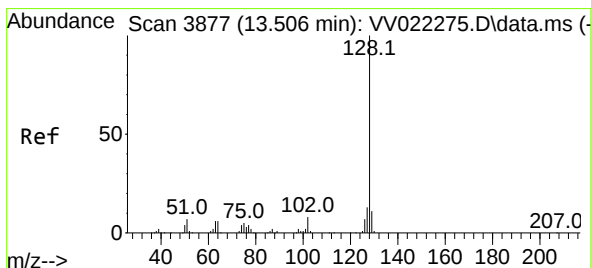
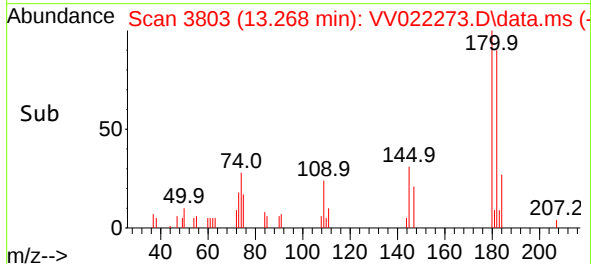
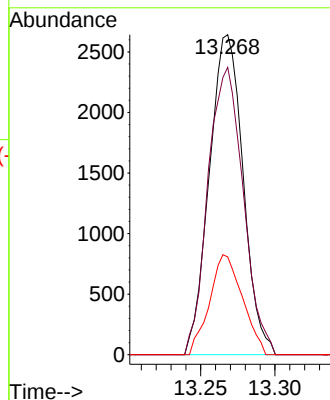
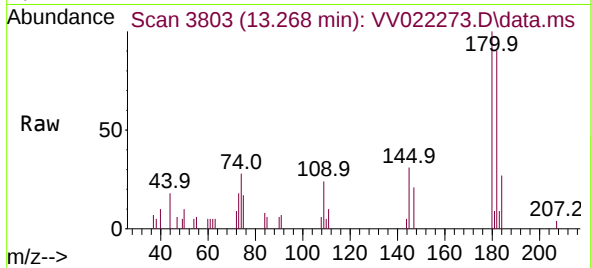




#70
1,2,4-trichlorobenzene
Concen: 0.407 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.003 min
Lab File: VV022273.D
Acq: 23 Sep 2021 10:15

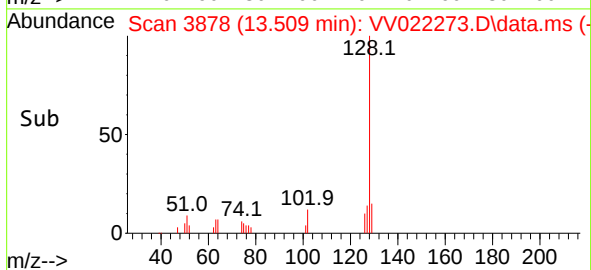
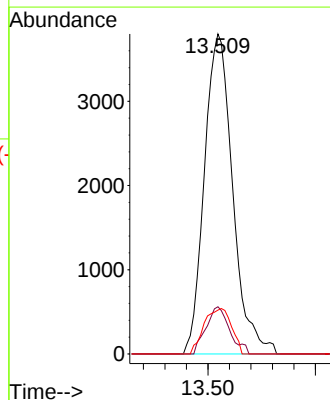
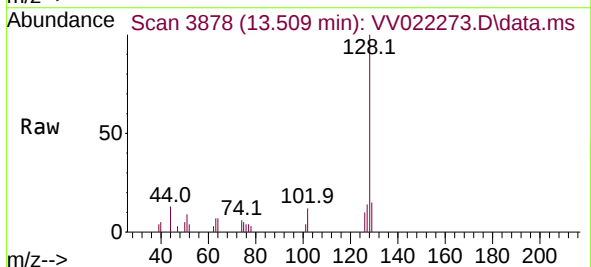
Instrument :
MSVOA_V
ClientSampled :

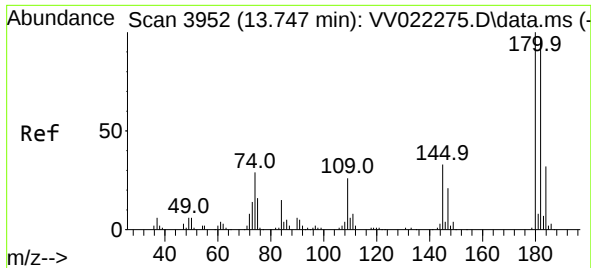
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	73.1	109.7
145	30.4	23.6	35.4



#71
Naphthalene
Concen: 0.442 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.003 min
Lab File: VV022273.D
Acq: 23 Sep 2021 10:15

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.0	13.4
127	13.8	9.9	14.9





#72
 1,2,3-Trichlorobenzene
 Concen: 0.433 ug/L
 RT: 13.747 min Scan# 3952
 Delta R.T. -0.000 min
 Lab File: VV022273.D
 Acq: 23 Sep 2021 10:15

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:180 Resp: 3951
 Ion Ratio Lower Upper
 180 100
 182 87.7 76.9 115.3
 145 33.4 26.0 39.0

