

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW113021\
 Data File : VW023748.D
 Acq On : 30 Nov 2021 15:49
 Operator : SY/MD
 Sample : MDL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 01 01:21:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 01 01:21:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	135791	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	131691	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63893	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	47199	4.234	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.568	69	39085	4.461	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.108	63	70354	3.581	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	3.889	46	83873	62.588	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.180%
24) Chloroform-d	4.346	84	88911	4.580	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.027	65	45501	5.018	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.047	84	179808	5.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.066	67	51887	5.159	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.314	98	164625	4.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
43) trans-1,3-Dichloroprop...	7.622	79	19840	4.894	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.088	63	64808	48.117	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.240%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33434	4.620	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	63543	5.625	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	2129	0.165	ug/L	97
3) Chloromethane	1.243	50	2454	0.219	ug/L	97
5) Vinyl chloride	1.311	62	1986	0.169	ug/L #	43
6) Bromomethane	1.523	94	1243	0.186	ug/L	99
8) Chloroethane	1.587	64	1435	0.193	ug/L	92
9) Trichlorofluoromethane	1.751	101	3198	0.167	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	2180	0.227	ug/L #	85
12) 1,1-Dichloroethene	2.121	96	2018	0.222	ug/L #	1
13) Acetone	2.195	43	2838	2.354	ug/L	87
14) Carbon disulfide	2.298	76	4930	0.161	ug/L #	93
17) Methyl tert-butyl Ether	2.767	73	2948	0.158	ug/L #	92
18) trans-1,2-Dichloroethene	2.764	96	1824	0.176	ug/L	90
19) 1,1-Dichloroethane	3.188	63	2965	0.170	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	1767	0.178	ug/L	78
23) Bromochloromethane	4.246	128	386	0.083	ug/L #	61
25) Chloroform	4.365	83	7968	0.410	ug/L	89
27) 1,2-Dichloroethane	5.127	62	633	0.061	ug/L #	73
29) 1,1,1-Trichloroethane	4.606	97	2879	0.167	ug/L	96
30) Cyclohexane	4.677	56	2246	0.156	ug/L #	69

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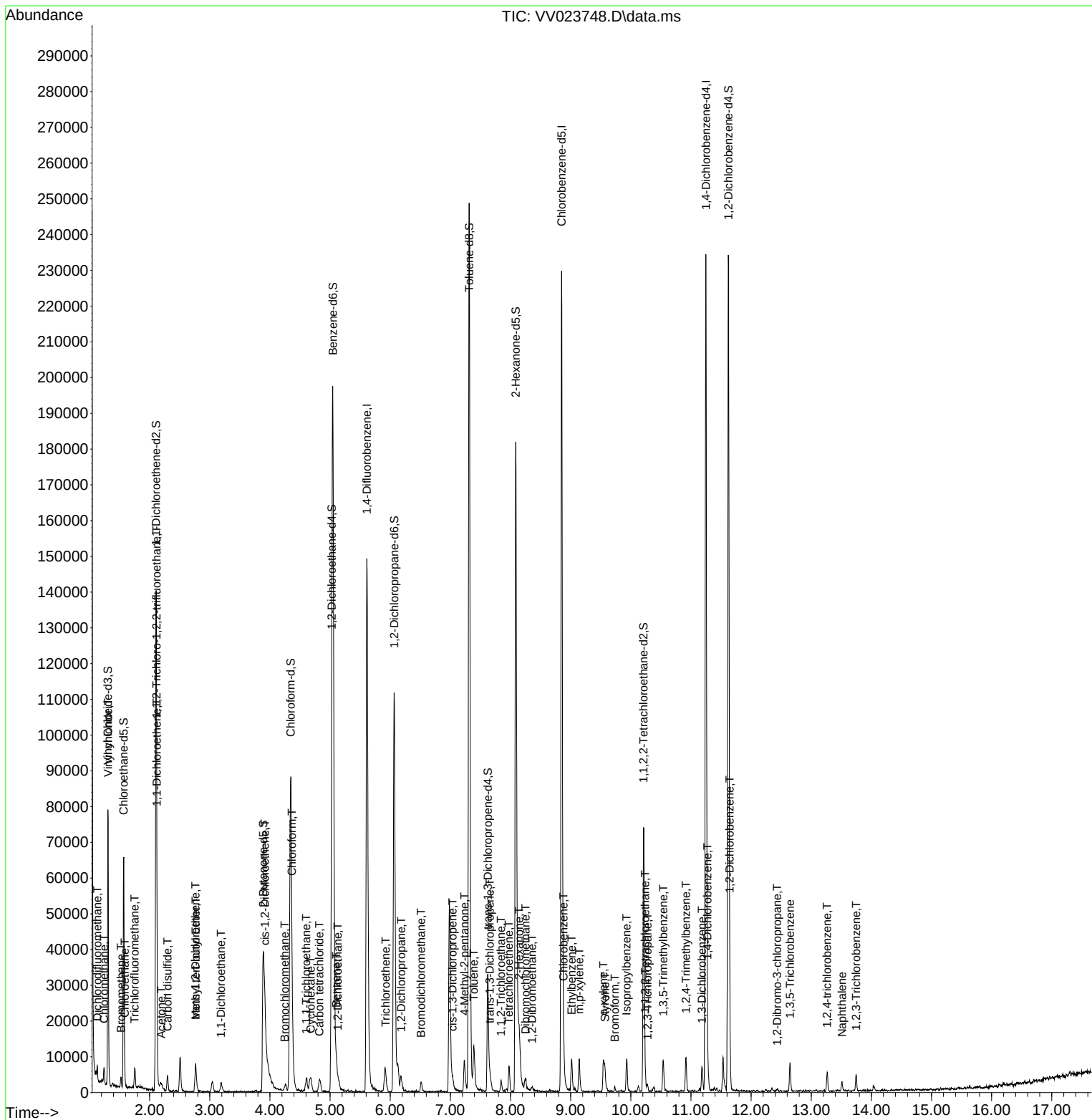
Quant Time: Dec 01 01:21:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 01 01:21:06 2021
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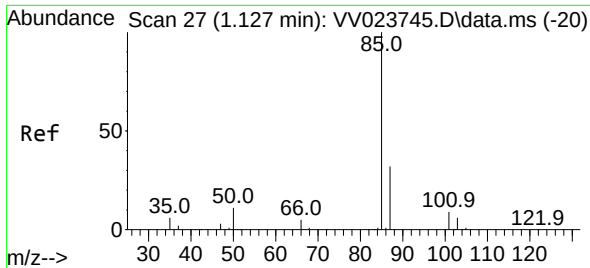
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

31) Carbon tetrachloride	4.822	117	2759	0.175	ug/L	98
33) Benzene	5.101	78	6370	0.170	ug/L	100
34) Trichloroethene	5.925	95	1807	0.180	ug/L	90
37) 1,2-Dichloropropane	6.182	63	1619	0.181	ug/L #	84
38) Bromodichloromethane	6.513	83	2081	0.172	ug/L #	80
39) cis-1,3-Dichloropropene	7.037	75	2124	0.167	ug/L	94
40) 4-Methyl-2-pentanone	7.233	43	6038	1.417	ug/L #	87
42) Toluene	7.391	91	9402	0.231	ug/L	95
44) trans-1,3-Dichloropropene	7.654	75	1991	0.187	ug/L	100
45) 1,1,2-Trichloroethane	7.844	97	1199	0.194	ug/L	84
47) Tetrachloroethene	7.973	164	1677	0.183	ug/L	91
48) 2-Hexanone	8.143	43	10898	3.461	ug/L	94
49) Dibromochloromethane	8.249	129	1456	0.172	ug/L	95
50) 1,2-Dibromoethane	8.358	107	861	0.143	ug/L #	76
51) Chlorobenzene	8.883	112	4596	0.170	ug/L	94
52) Ethylbenzene	9.018	91	6533	0.153	ug/L	99
53) m,p-xylene	9.143	106	2719	0.161	ug/L	91
54) o-xylene	9.545	106	2334	0.145	ug/L	93
55) Styrene	9.571	104	3986	0.147	ug/L #	79
57) 1,1,2,2-Tetrachloroethane	10.239	83	1344	0.195	ug/L #	96
59) Bromoform	9.735	173	644	0.153	ug/L #	66
60) Isopropylbenzene	9.931	105	5895	0.155	ug/L	94
61) 1,2,3-Trichloropropane	10.278	75	787	0.174	ug/L #	87
62) 1,3,5-Trimethylbenzene	10.538	105	4842	0.153	ug/L	97
63) 1,2,4-Trimethylbenzene	10.918	105	5291	0.169	ug/L	96
64) 1,3-Dichlorobenzene	11.185	146	3321	0.170	ug/L	85
65) 1,4-Dichlorobenzene	11.275	146	3524	0.180	ug/L #	87
67) 1,2-Dichlorobenzene	11.645	146	3243	0.182	ug/L #	87
68) 1,2-Dibromo-3-chloropr...	12.432	75	68	0.076	ug/L #	55
69) 1,3,5-Trichlorobenzene	12.648	180	2640	0.173	ug/L	96
70) 1,2,4-trichlorobenzene	13.265	180	2007	0.170	ug/L	95
71) Naphthalene	13.513	128	2379	0.150	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.747	180	1698	0.166	ug/L	97

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

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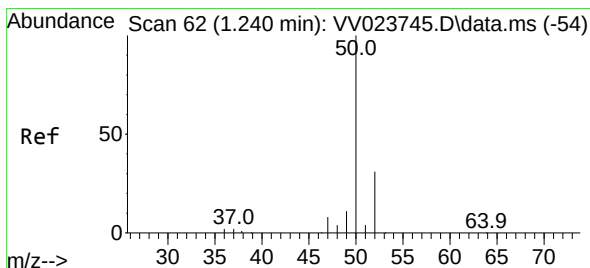
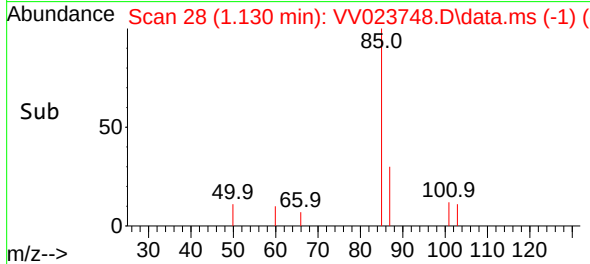
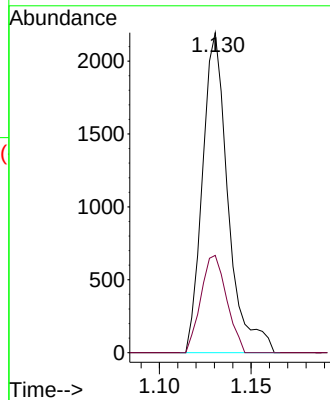
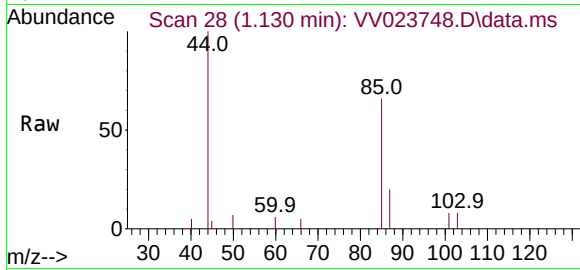




#2
 Dichlorodifluoromethane
 Concen: 0.165 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV023748.D
 Acq: 30 Nov 2021 15:49

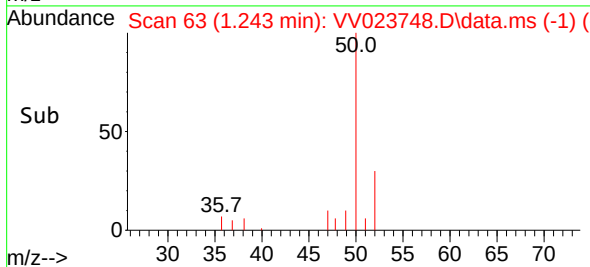
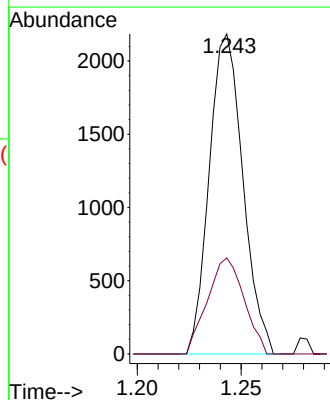
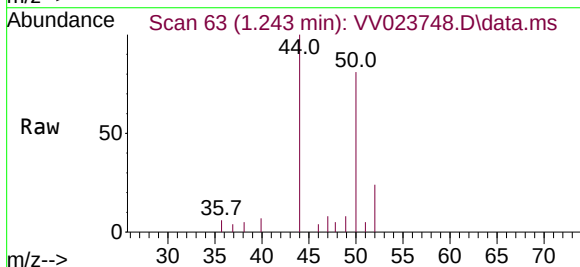
Instrument :
 MSVOA_V
 ClientSampleId :

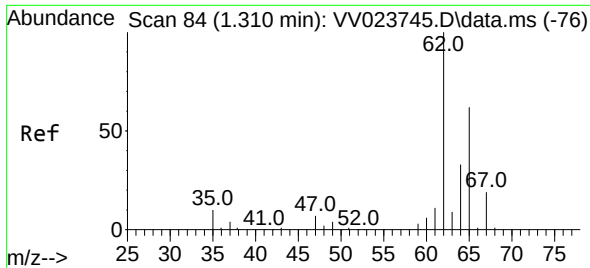
Tgt Ion: 85 Resp: 2129
 Ion Ratio Lower Upper
 85 100
 87 30.6 26.0 39.0



#3
 Chloromethane
 Concen: 0.219 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV023748.D
 Acq: 30 Nov 2021 15:49

Tgt Ion: 50 Resp: 2454
 Ion Ratio Lower Upper
 50 100
 52 30.0 22.0 41.0

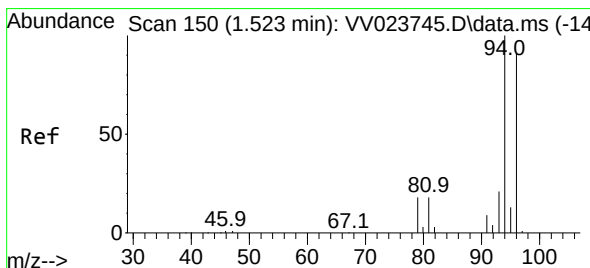
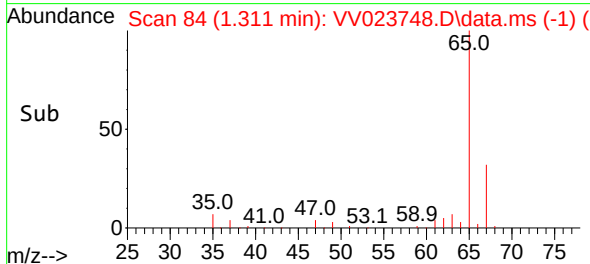
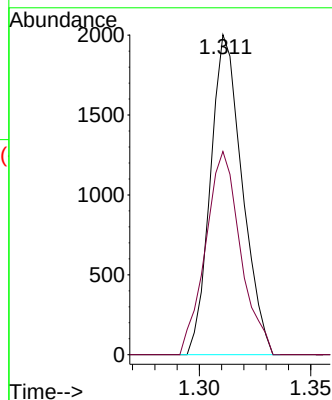
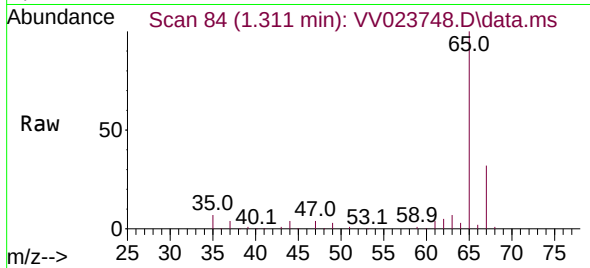




#5
 Vinyl chloride
 Concen: 0.169 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023748.D
 Acq: 30 Nov 2021 15:49

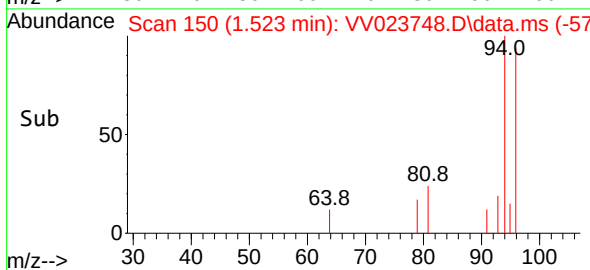
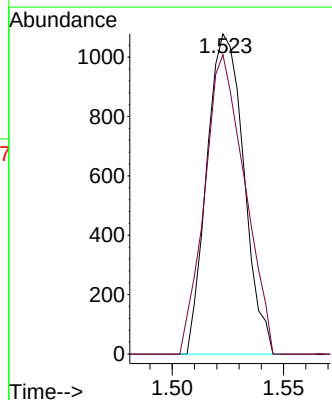
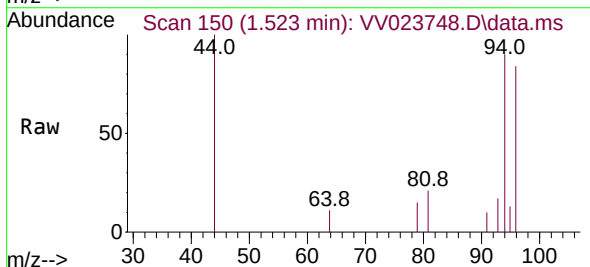
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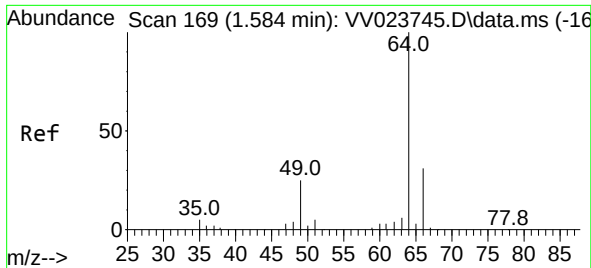
Tgt Ion: 62 Resp: 1986
 Ion Ratio Lower Upper
 62 100
 64 63.5 22.4 41.6#



#6
 Bromomethane
 Concen: 0.186 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV023748.D
 Acq: 30 Nov 2021 15:49

Tgt Ion: 94 Resp: 1243
 Ion Ratio Lower Upper
 94 100
 96 93.5 66.2 123.0

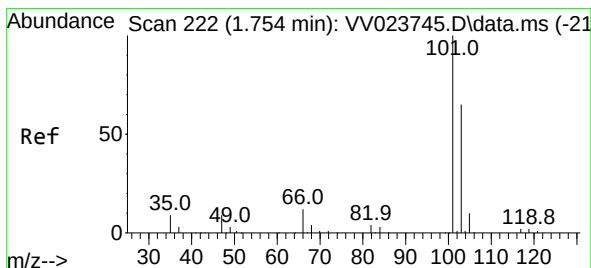
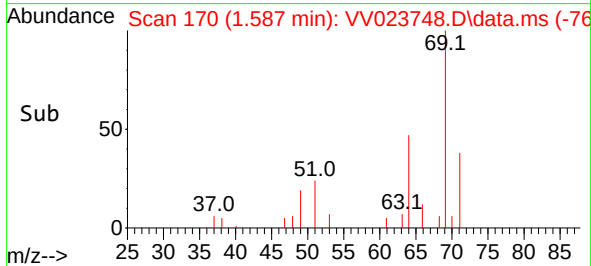
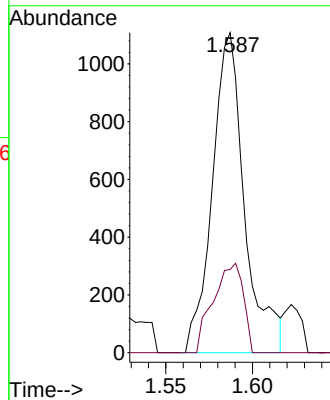
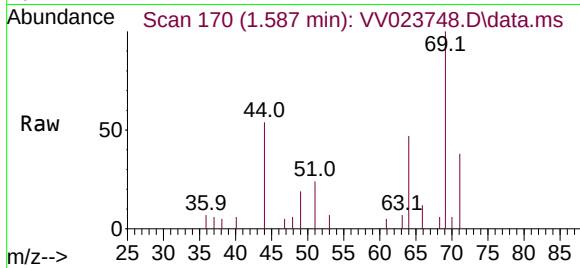




#8
Chloroethane
Concen: 0.193 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

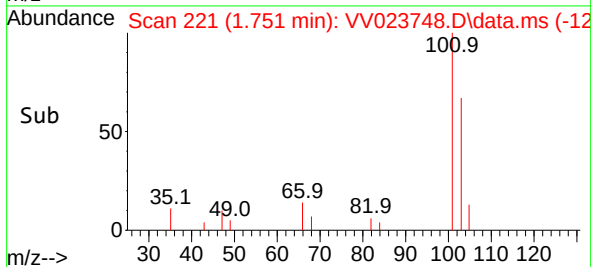
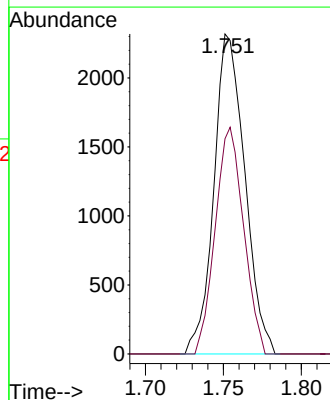
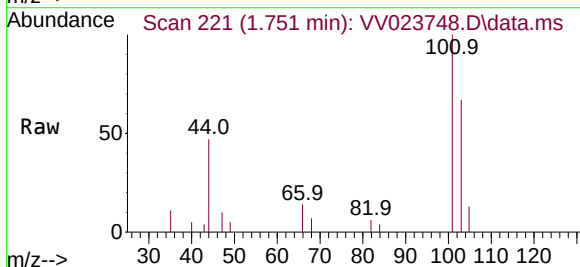
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MSVOA_V
ClientSampleId :

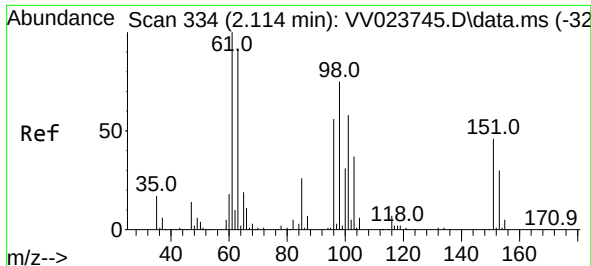
Tgt Ion: 64 Resp: 1435
Ion Ratio Lower Upper
64 100
66 26.0 21.4 39.8



#9
Trichlorofluoromethane
Concen: 0.167 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

Tgt Ion:101 Resp: 3198
Ion Ratio Lower Upper
101 100
103 64.9 51.6 77.4





#10

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

Concen: 0.227 ug/L

RT: 2.118 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV023748.D

Acq: 30 Nov 2021 15:49

Instrument :

MSVOA_V

ClientSampleId :

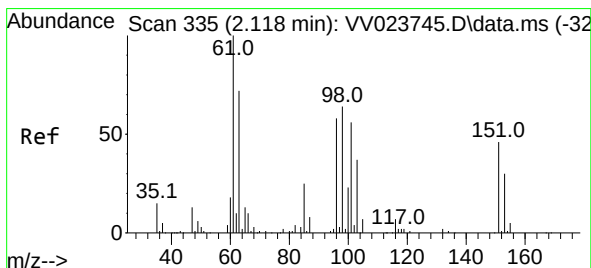
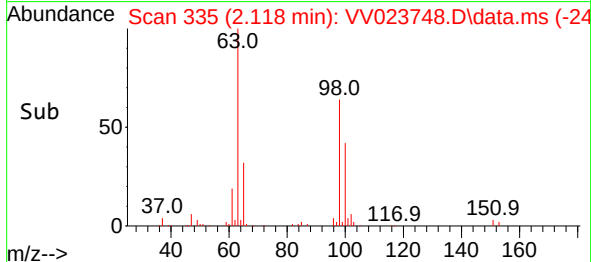
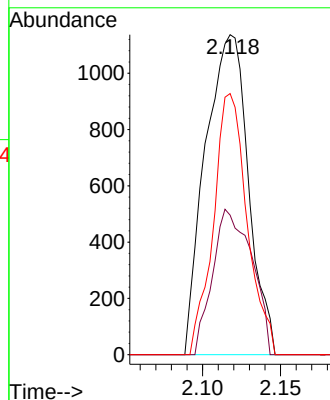
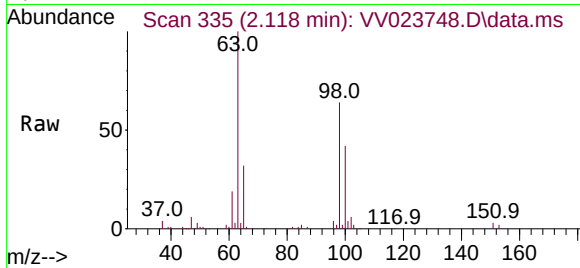
Tgt Ion:101 Resp: 2180

Ion Ratio Lower Upper

101 100

85 41.6 36.0 54.0

151 64.1 66.4 99.6#



#12

1,1-Dichloroethene

Concen: 0.222 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.003 min

Lab File: VV023748.D

Acq: 30 Nov 2021 15:49

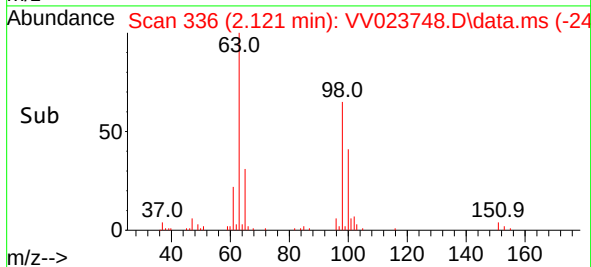
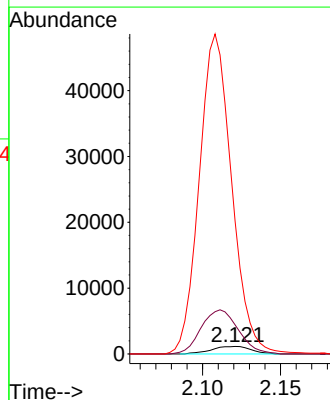
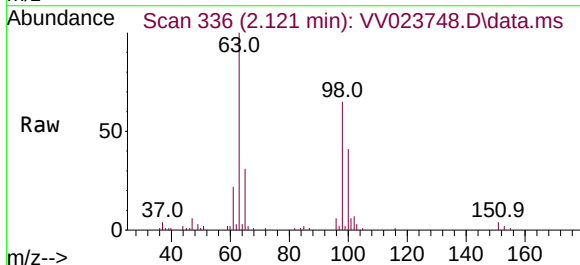
Tgt Ion: 96 Resp: 2018

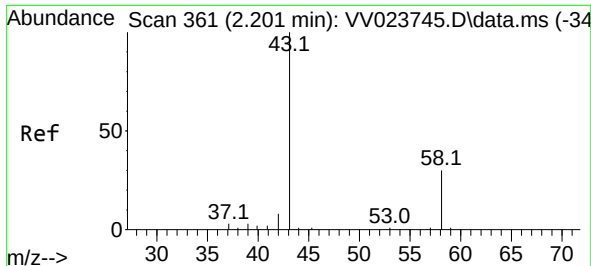
Ion Ratio Lower Upper

96 100

61 388.2 116.1 215.5#

63 1775.9 79.4 147.4#

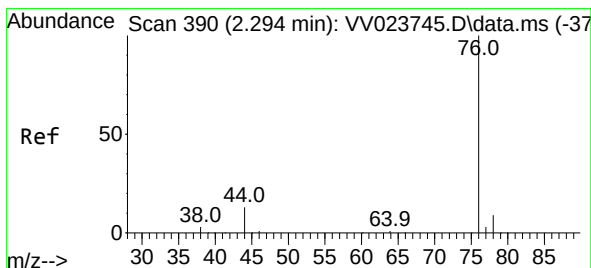
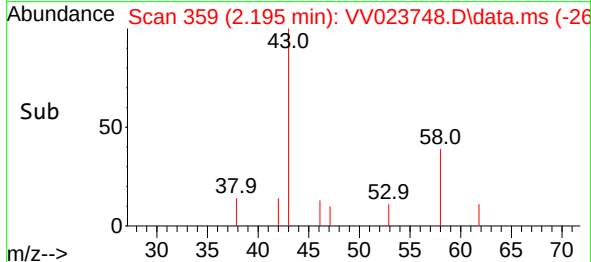
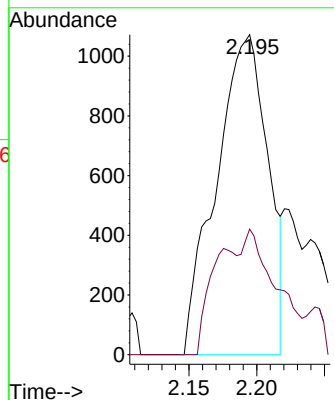
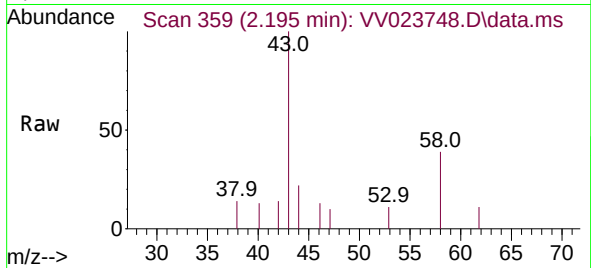




#13
Acetone
Concen: 2.354 ug/L
RT: 2.195 min Scan# 311
Delta R.T. -0.006 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

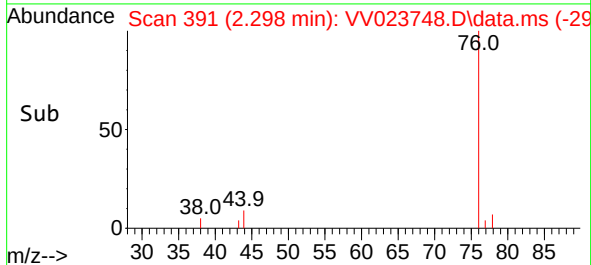
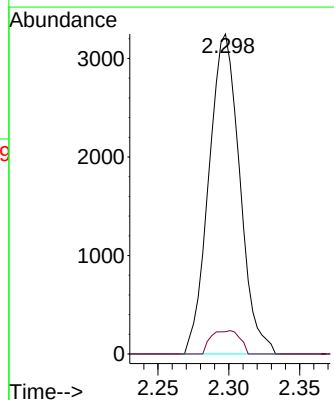
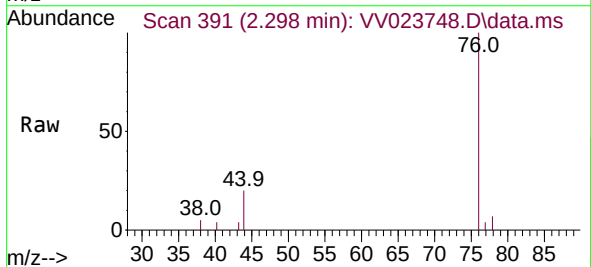
Instrument :
MSVOA_V
ClientSampleId :

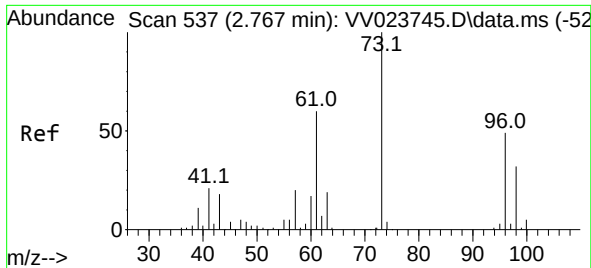
Tgt Ion: 43 Resp: 2838
Ion Ratio Lower Upper
43 100
58 27.0 0.0 41.4



#14
Carbon disulfide
Concen: 0.161 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

Tgt Ion: 76 Resp: 4930
Ion Ratio Lower Upper
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78 7.0 7.5 11.3#

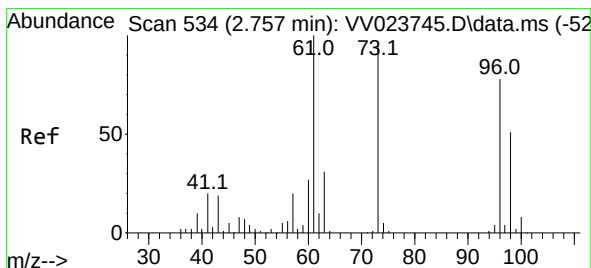
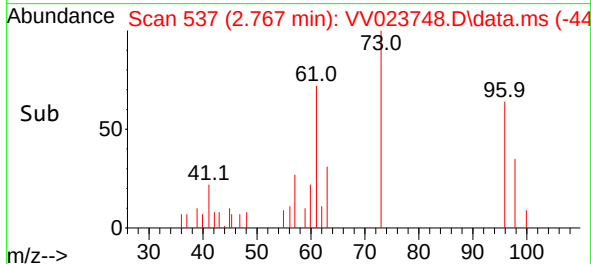
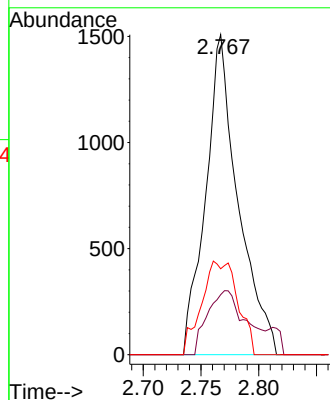
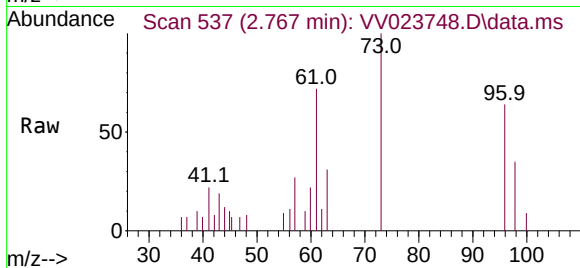




#17
Methyl tert-butyl Ether
Concen: 0.158 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

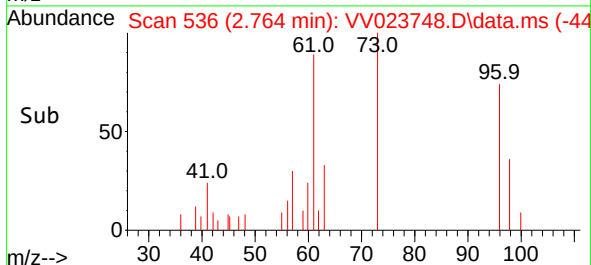
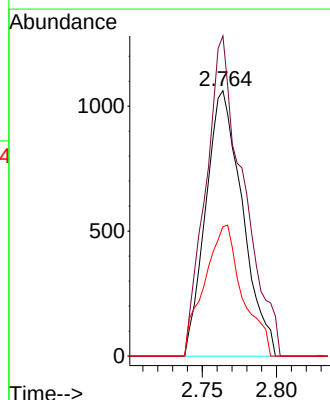
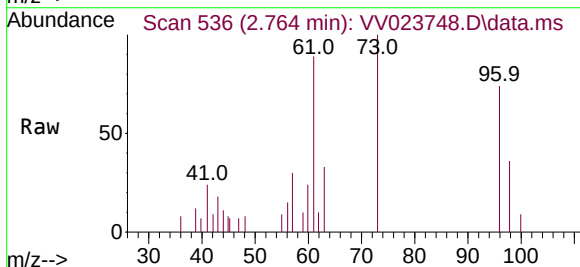
Instrument :
MSVOA_V
ClientSampleId :

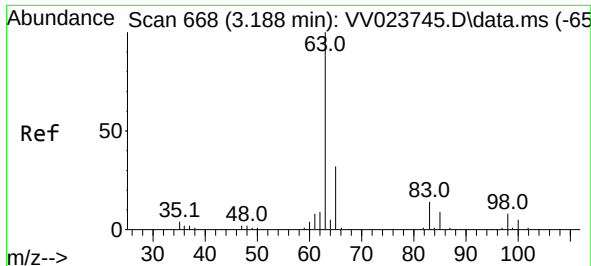
Tgt Ion: 73 Resp: 2948
Ion Ratio Lower Upper
73 100
43 23.9 15.5 23.3#
57 18.2 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 0.176 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.006 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

Tgt Ion: 96 Resp: 1824
Ion Ratio Lower Upper
96 100
61 120.6 88.2 163.8
98 48.8 44.9 83.5





#19

1,1-Dichloroethane

Concen: 0.170 ug/L

RT: 3.188 min Scan# 668

Delta R.T. 0.000 min

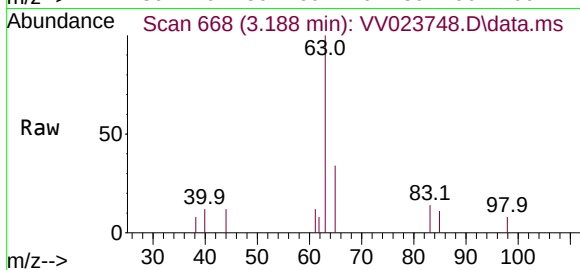
Lab File: VV023748.D

Acq: 30 Nov 2021 15:49

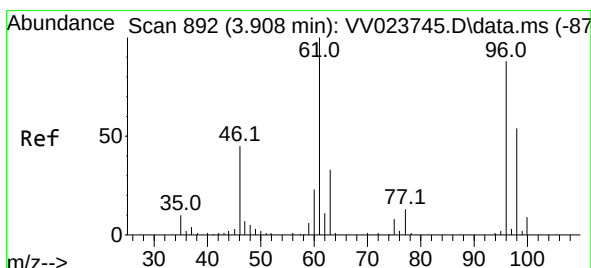
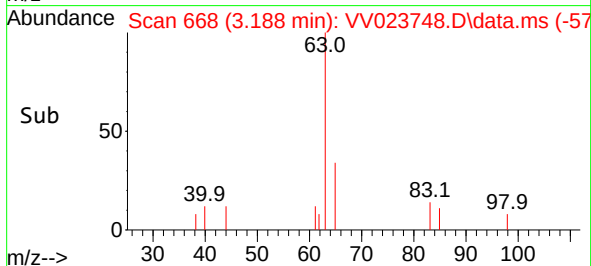
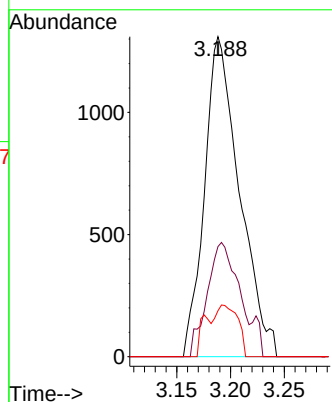
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	63	Resp:	2965
Ion	Ratio	Lower	Upper
63	100		
65	34.4	22.3	41.3
83	14.4	10.7	19.9



#22

cis-1,2-Dichloroethene

Concen: 0.178 ug/L

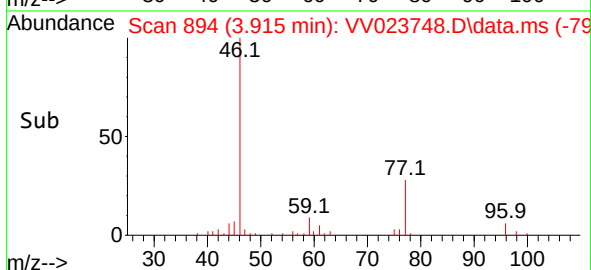
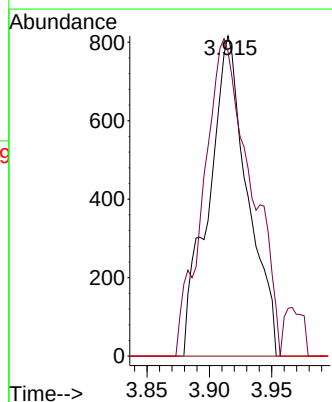
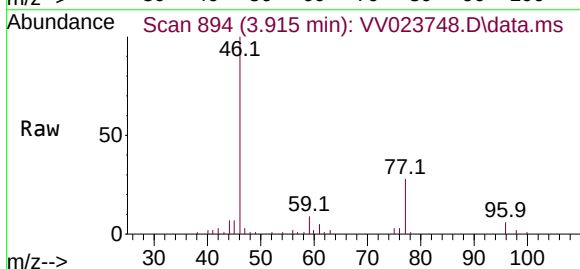
RT: 3.915 min Scan# 894

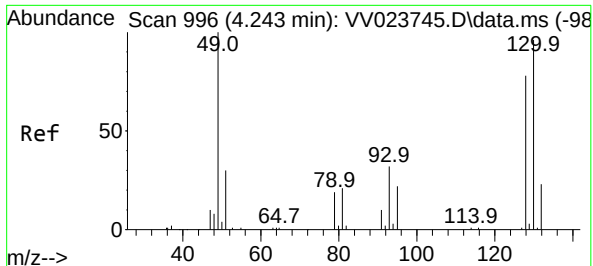
Delta R.T. 0.006 min

Lab File: VV023748.D

Acq: 30 Nov 2021 15:49

Tgt Ion:	96	Resp:	1767
Ion	Ratio	Lower	Upper
96	100		
61	95.1	83.4	154.8
68	0.0	0.0	0.0





#23

Bromochloromethane

Concen: 0.083 ug/L

RT: 4.246 min Scan# 996

Delta R.T. 0.003 min

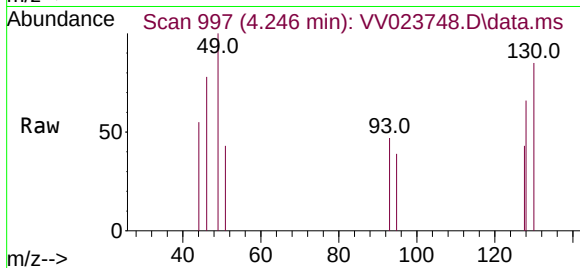
Lab File: VV023748.D

Acq: 30 Nov 2021 15:49

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 386

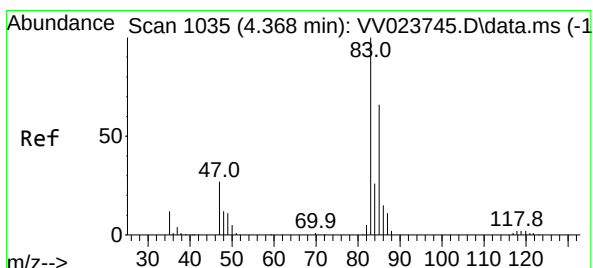
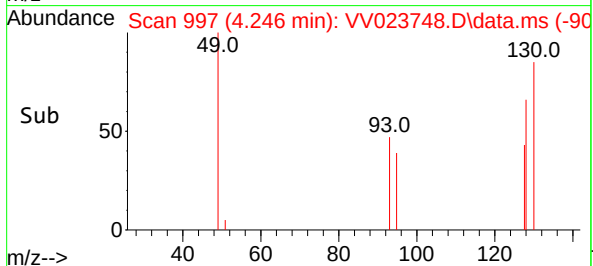
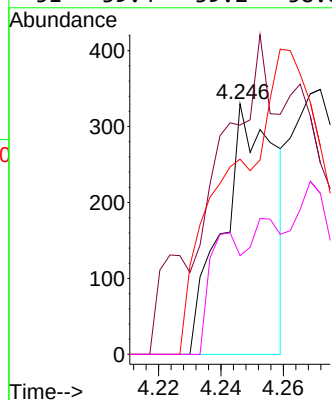
Ion Ratio Lower Upper

128 100

49 91.5 100.2 186.2#

130 77.9 92.5 171.7#

51 39.4 39.2 58.8



#25

Chloroform

Concen: 0.410 ug/L

RT: 4.365 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VV023748.D

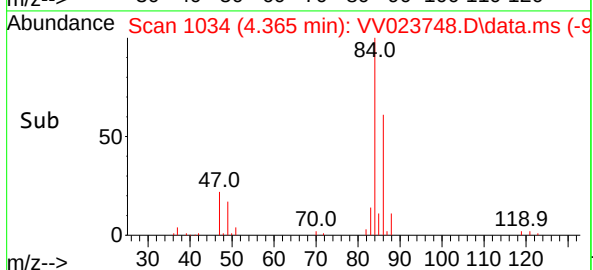
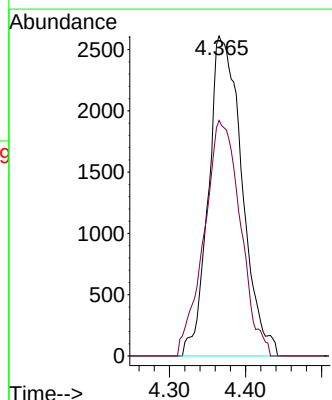
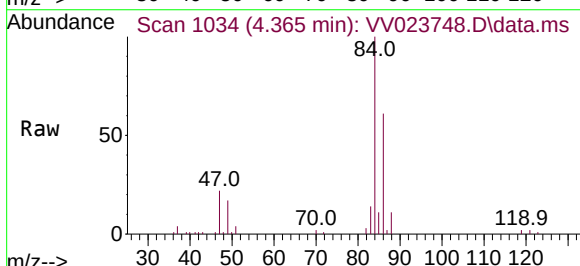
Acq: 30 Nov 2021 15:49

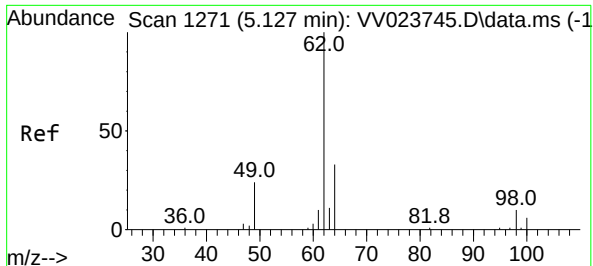
Tgt Ion: 83 Resp: 7968

Ion Ratio Lower Upper

83 100

85 73.6 45.2 84.0





#27

1,2-Dichloroethane

Concen: 0.061 ug/L

RT: 5.127 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VV023748.D

Acq: 30 Nov 2021 15:49

Instrument :

MSVOA_V

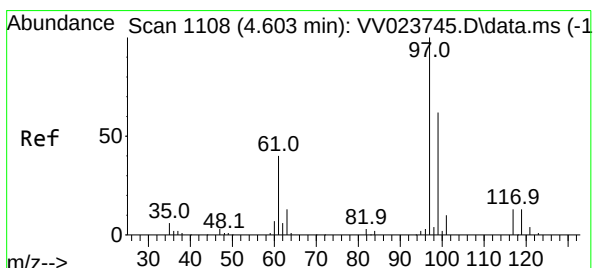
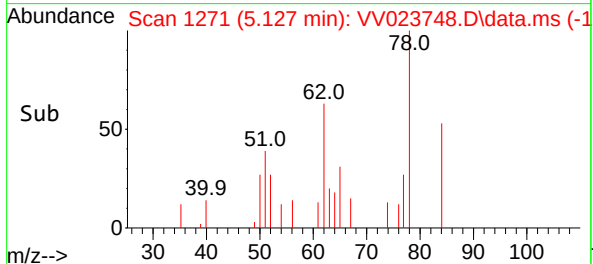
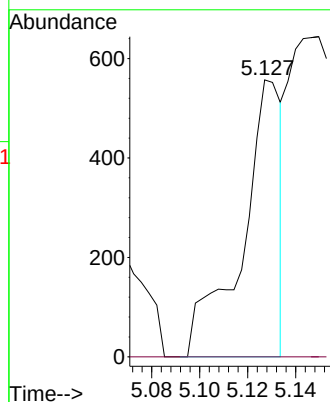
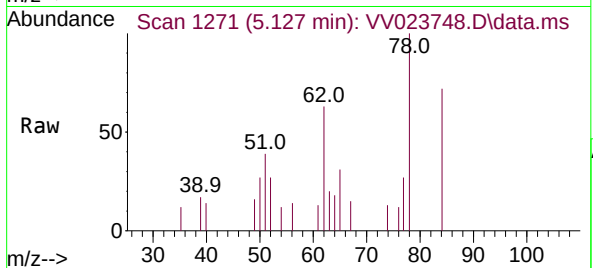
ClientSampleId :

Tgt Ion: 62 Resp: 633

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#



#29

1,1,1-Trichloroethane

Concen: 0.167 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV023748.D

Acq: 30 Nov 2021 15:49

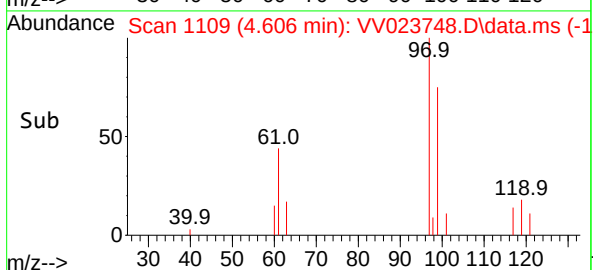
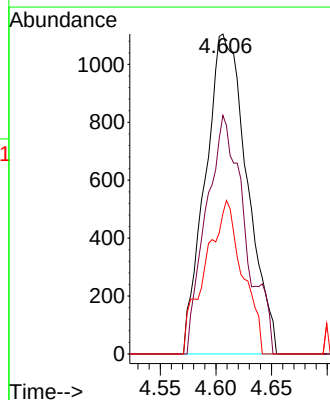
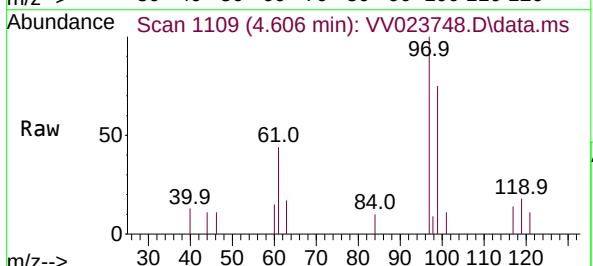
Tgt Ion: 97 Resp: 2879

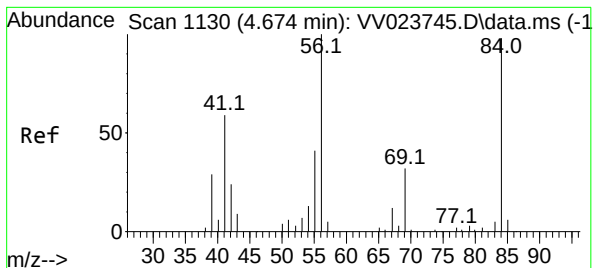
Ion Ratio Lower Upper

97 100

99 69.3 51.9 77.9

61 42.8 33.2 49.8





#30

Cyclohexane

Concen: 0.156 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV023748.D

Acq: 30 Nov 2021 15:49

Instrument :

MSVOA_V

ClientSampleId :

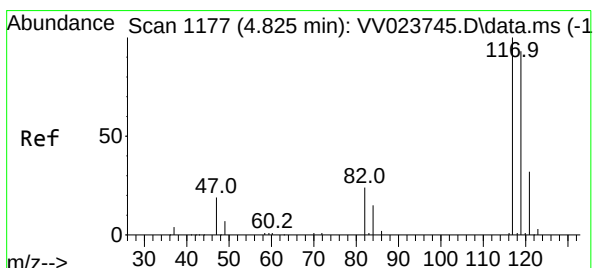
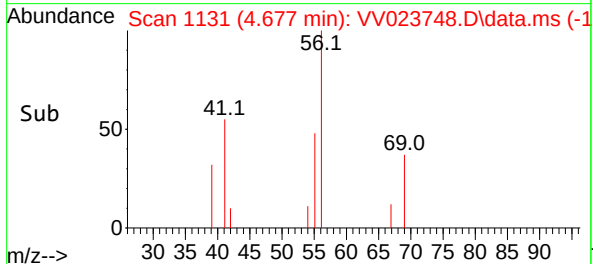
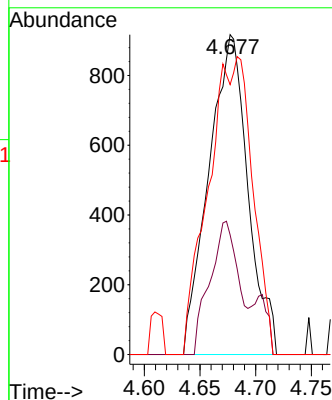
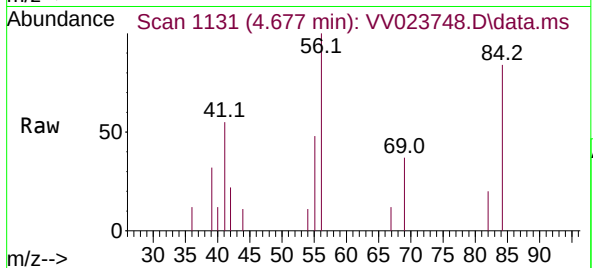
Tgt Ion: 56 Resp: 2246

Ion Ratio Lower Upper

56 100

69 30.5 24.8 37.2

84 55.7 75.9 113.9#



#31

Carbon tetrachloride

Concen: 0.175 ug/L

RT: 4.822 min Scan# 1176

Delta R.T. -0.003 min

Lab File: VV023748.D

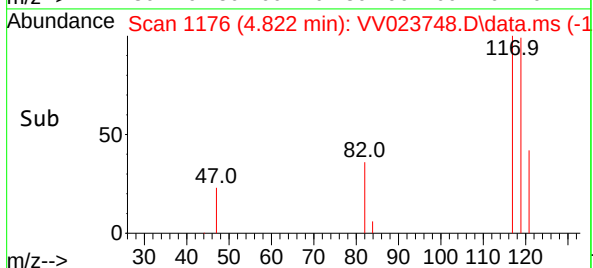
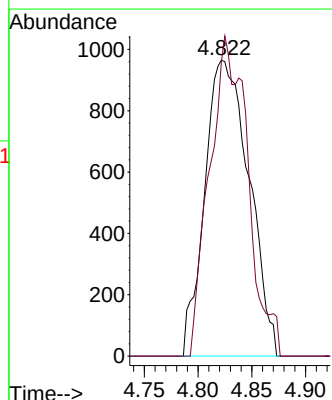
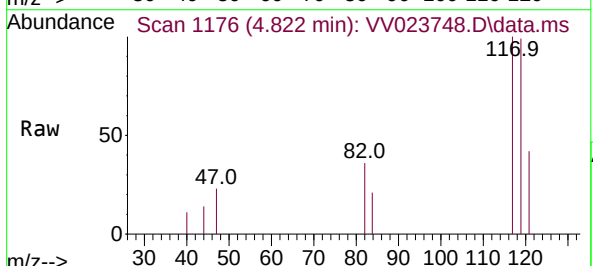
Acq: 30 Nov 2021 15:49

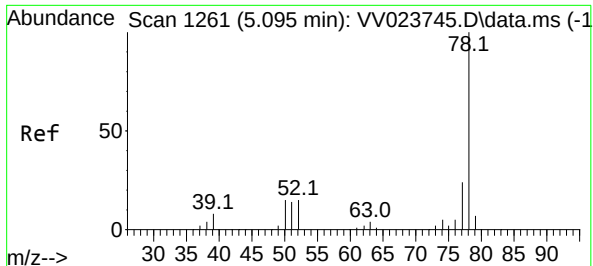
Tgt Ion: 117 Resp: 2759

Ion Ratio Lower Upper

117 100

119 93.7 76.6 114.8

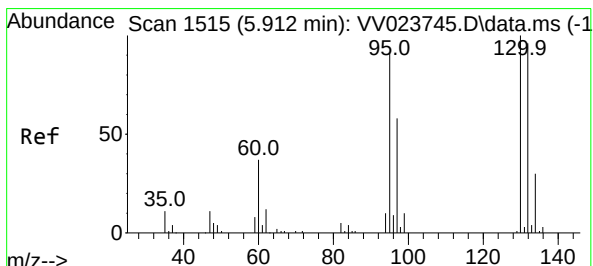
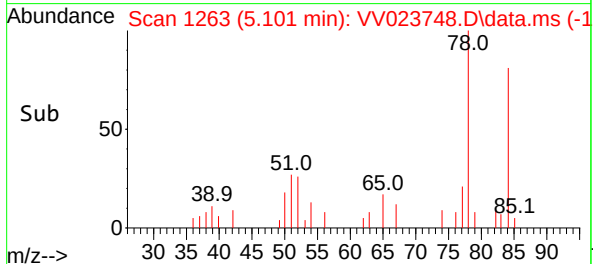
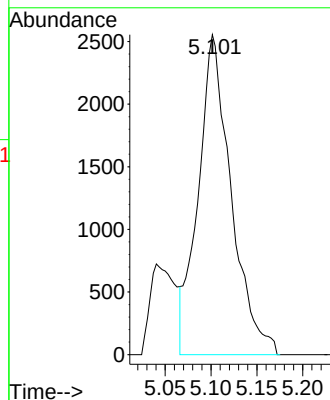
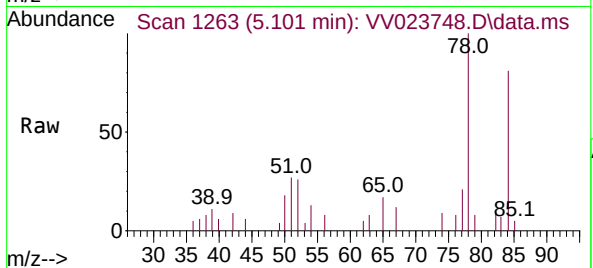




#33
Benzene
Concen: 0.170 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

Instrument :
MSVOA_V
ClientSampleId :

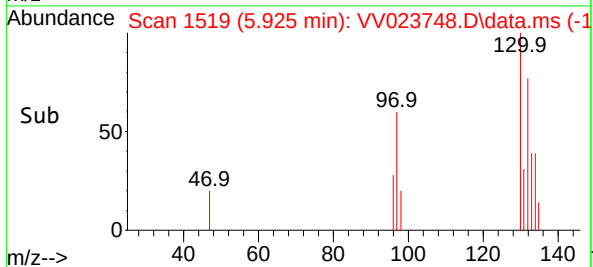
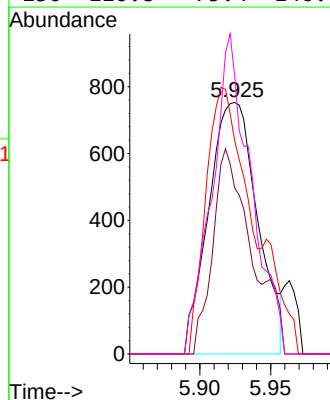
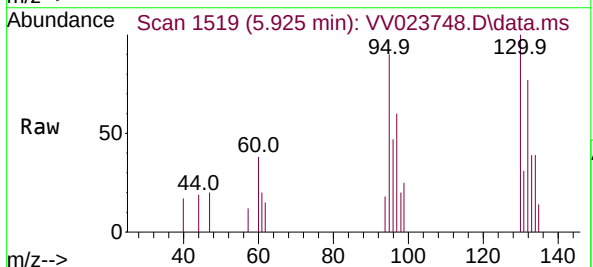
Tgt Ion: 78 Resp: 6370

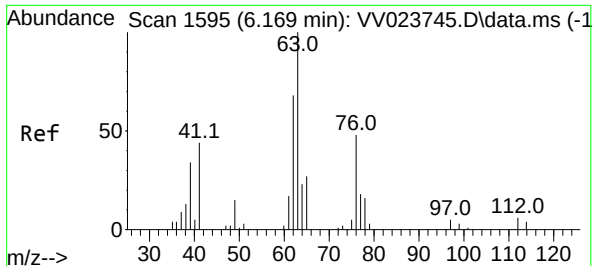


#34
Trichloroethene
Concen: 0.180 ug/L
RT: 5.925 min Scan# 1519
Delta R.T. 0.013 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

Tgt Ion: 95 Resp: 1807

Ion	Ratio	Lower	Upper
95	100		
97	66.1	45.2	84.0
132	85.0	76.1	141.3
130	110.8	75.4	140.0





#37

1,2-Dichloropropane

Concen: 0.181 ug/L

RT: 6.182 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV023748.D

Acq: 30 Nov 2021 15:49

Instrument :

MSVOA_V

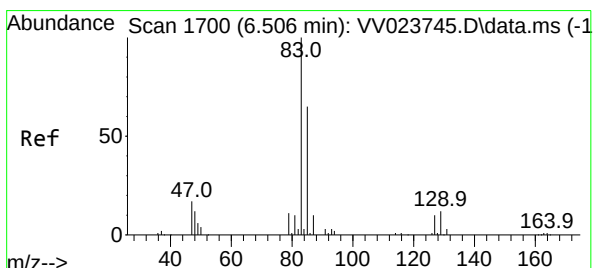
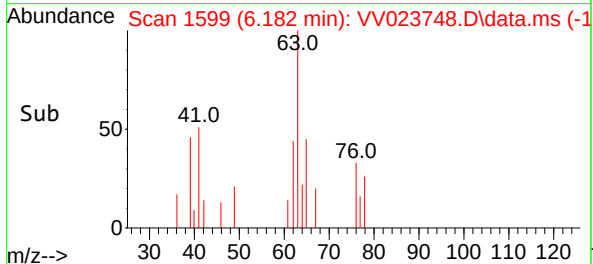
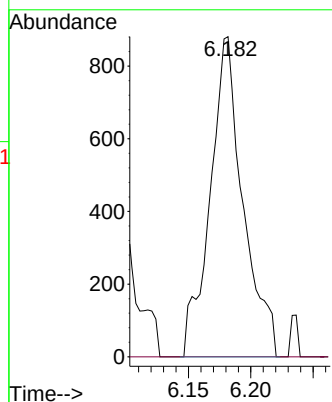
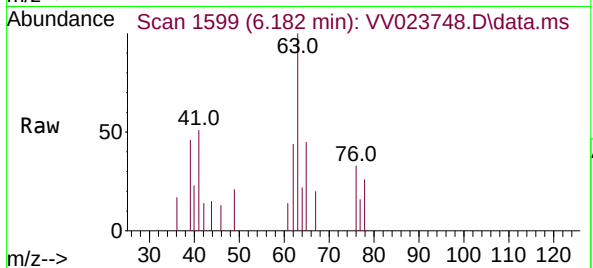
ClientSampleId :

Tgt Ion: 63 Resp: 1619

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#38

Bromodichloromethane

Concen: 0.172 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VV023748.D

Acq: 30 Nov 2021 15:49

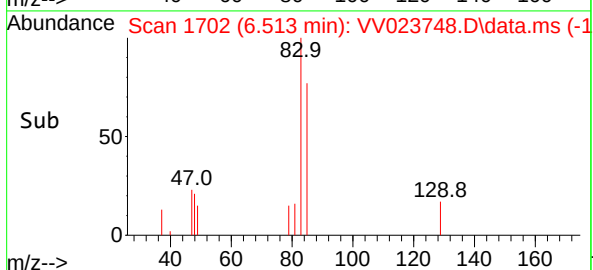
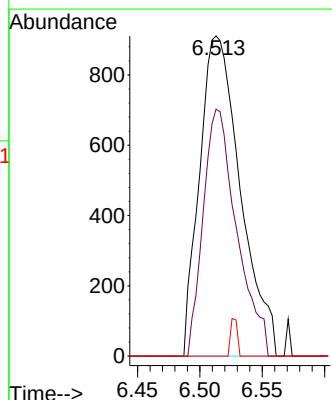
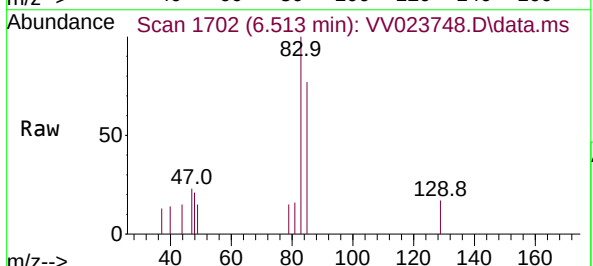
Tgt Ion: 83 Resp: 2081

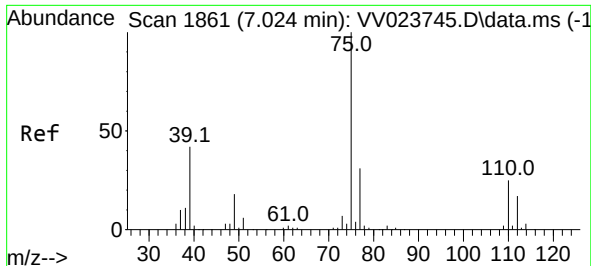
Ion Ratio Lower Upper

83 100

85 77.2 44.0 81.8

127 0.0 8.6 12.8#





#39

cis-1,3-Dichloropropene

Concen: 0.167 ug/L

RT: 7.037 min Scan# 1865

Delta R.T. 0.013 min

Lab File: VV023748.D

Acq: 30 Nov 2021 15:49

Instrument :

MSVOA_V

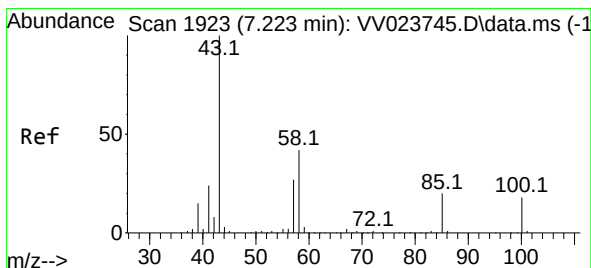
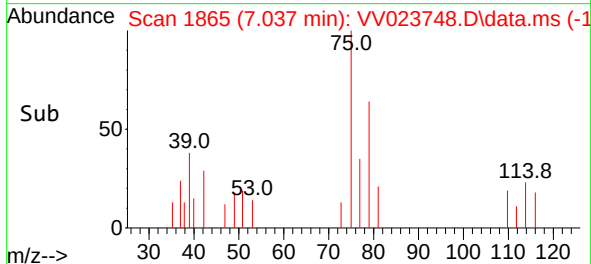
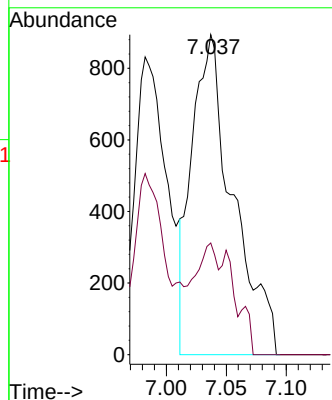
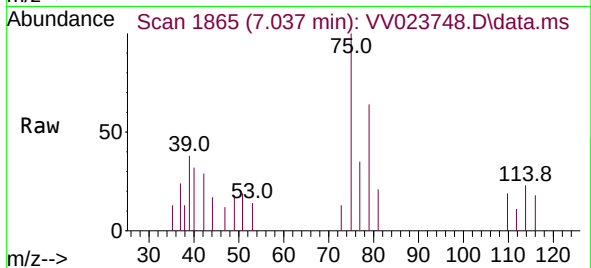
ClientSampleId :

Tgt Ion: 75 Resp: 2124

Ion Ratio Lower Upper

75 100

77 34.9 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 1.417 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.010 min

Lab File: VV023748.D

Acq: 30 Nov 2021 15:49

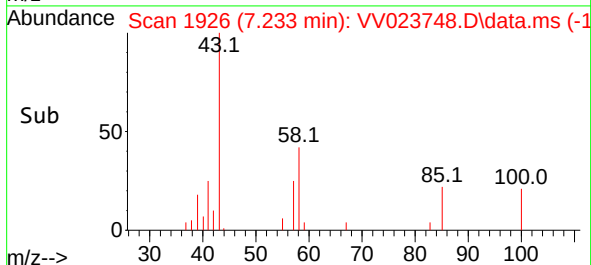
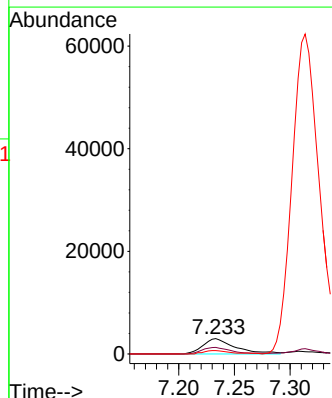
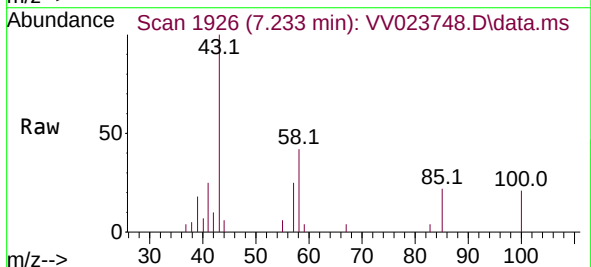
Tgt Ion: 43 Resp: 6038

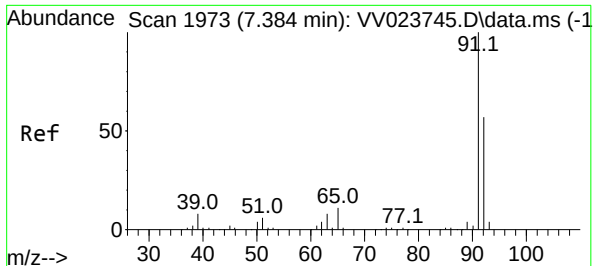
Ion Ratio Lower Upper

43 100

58 39.0 32.3 48.5

100 0.0 13.0 19.6#





#42

Toluene

Concen: 0.231 ug/L

RT: 7.391 min Scan# 1973

Delta R.T. 0.006 min

Lab File: VV023748.D

Acq: 30 Nov 2021 15:49

Instrument :

MSVOA_V

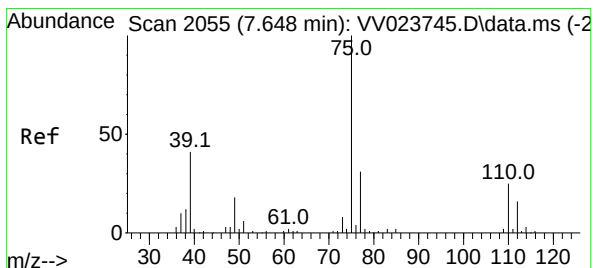
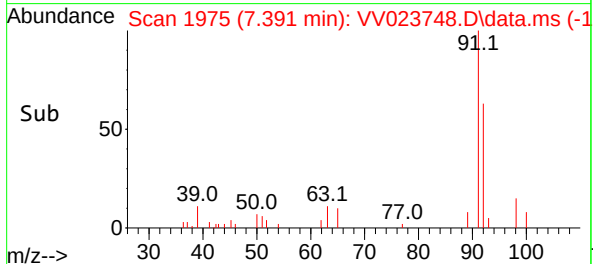
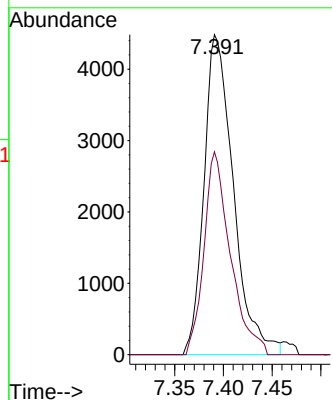
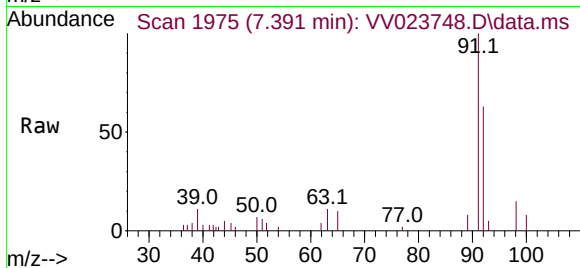
ClientSampleId :

Tgt Ion: 91 Resp: 9402

Ion Ratio Lower Upper

91 100

92 63.4 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 0.187 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VV023748.D

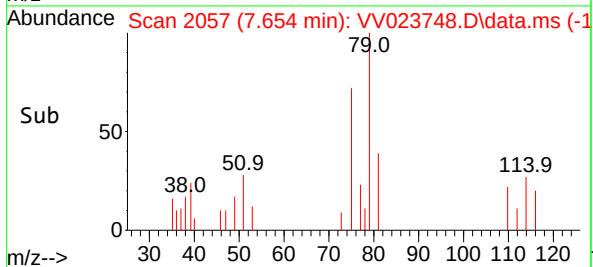
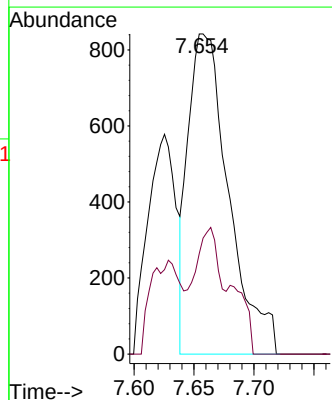
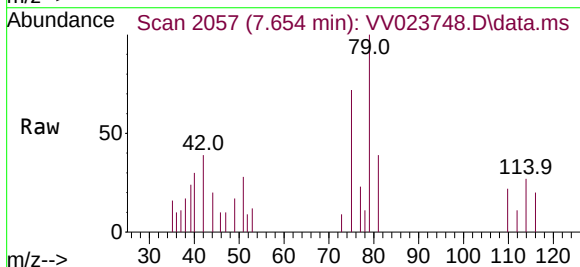
Acq: 30 Nov 2021 15:49

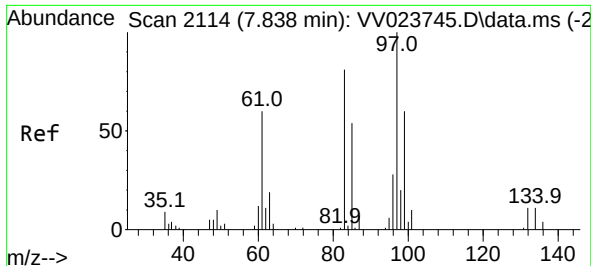
Tgt Ion: 75 Resp: 1991

Ion Ratio Lower Upper

75 100

77 31.4 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 0.194 ug/L

RT: 7.844 min Scan# 2114

Delta R.T. 0.006 min

Lab File: VV023748.D

Acq: 30 Nov 2021 15:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 1199

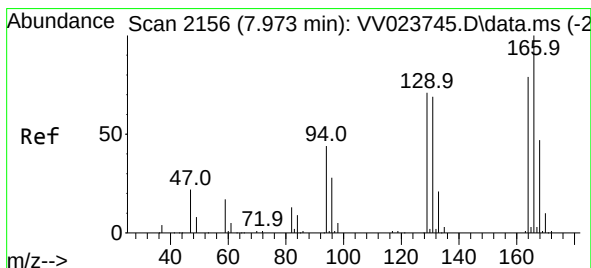
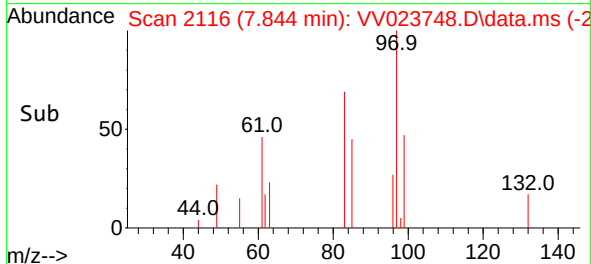
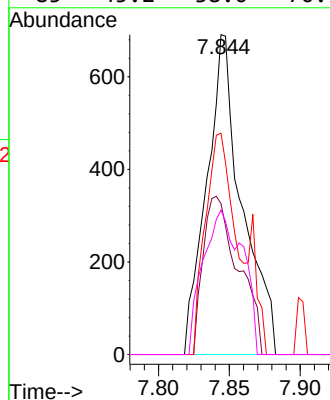
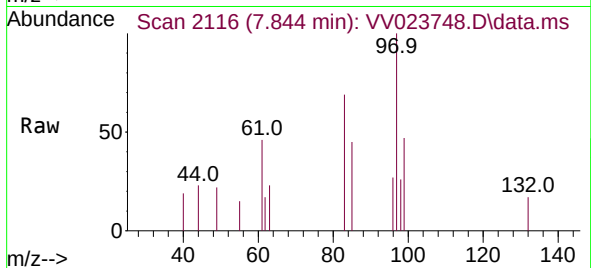
Ion Ratio Lower Upper

97 100

99 47.2 43.1 80.1

83 69.2 57.9 107.5

85 45.2 38.0 70.6



#47

Tetrachloroethene

Concen: 0.183 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV023748.D

Acq: 30 Nov 2021 15:49

Tgt Ion:164 Resp: 1677

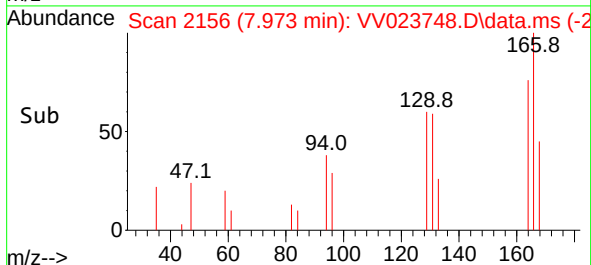
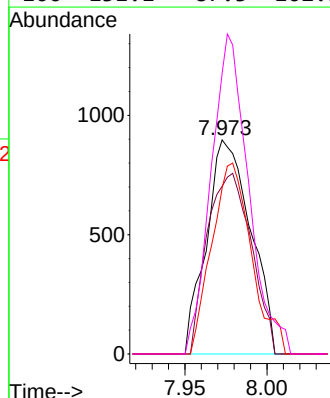
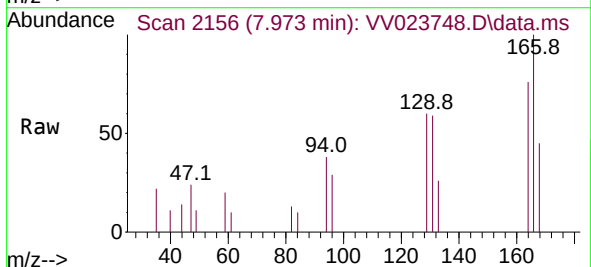
Ion Ratio Lower Upper

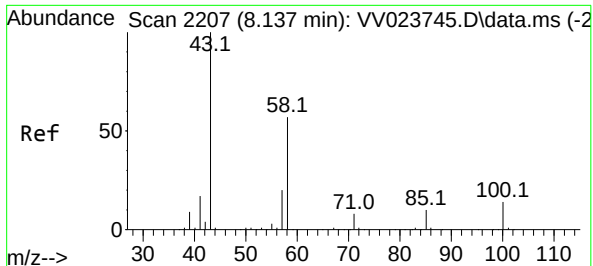
164 100

129 78.4 62.6 116.2

131 77.5 61.0 113.4

166 131.1 87.3 162.1

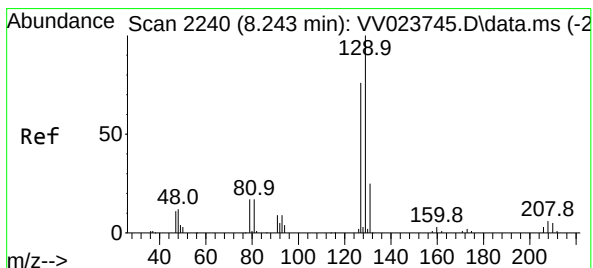
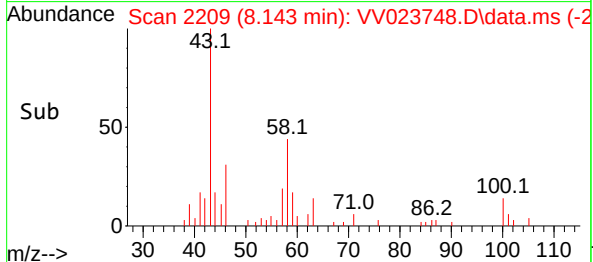
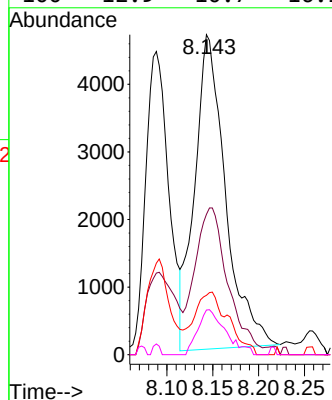
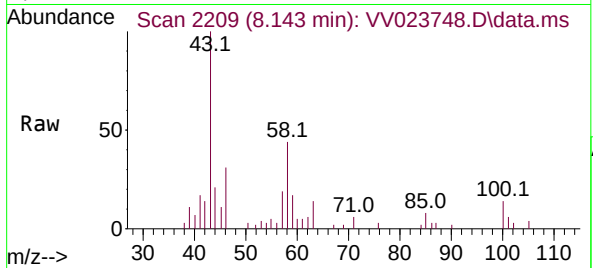




#48
2-Hexanone
Concen: 3.461 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

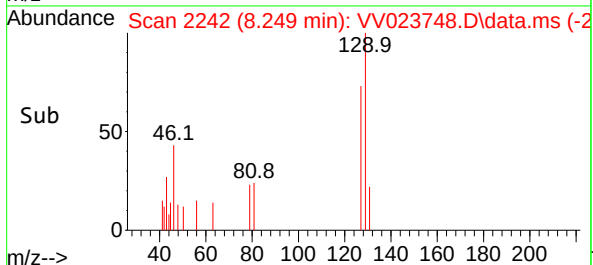
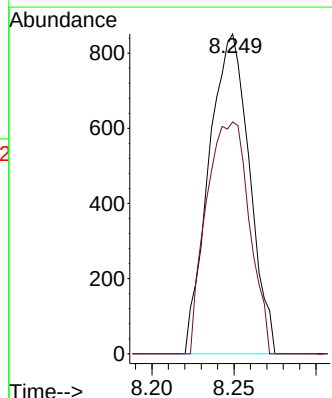
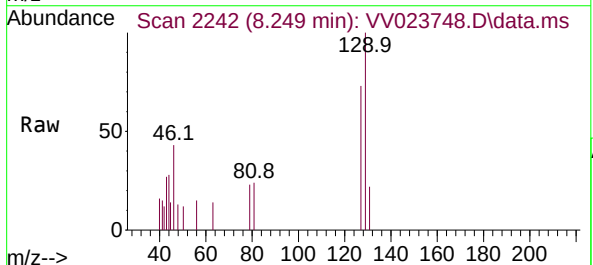
Instrument :
MSVOA_V
ClientSampleId :

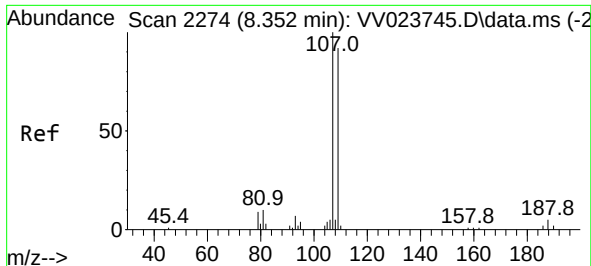
Tgt Ion: 43	Resp: 10898
Ion Ratio	Lower Upper
43 100	
58 50.4	44.5 66.7
57 22.1	15.1 22.7
100 12.9	10.7 16.1



#49
Dibromochloromethane
Concen: 0.172 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.006 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

Tgt Ion: 129	Resp: 1456
Ion Ratio	Lower Upper
129 100	
127 72.5	53.5 99.3





#50

1,2-Dibromoethane

Concen: 0.143 ug/L

RT: 8.358 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV023748.D

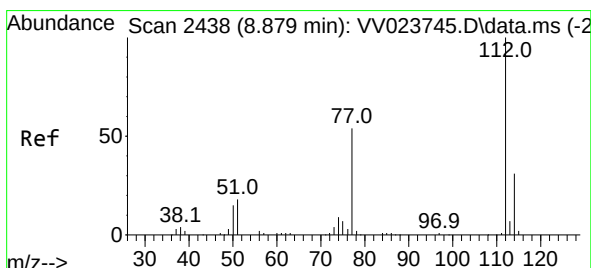
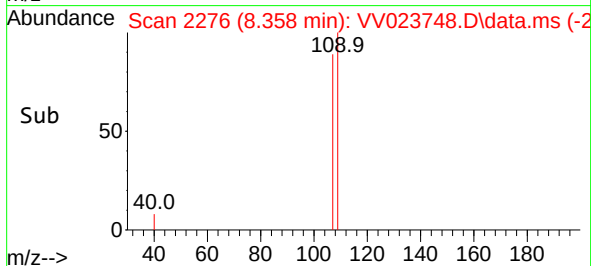
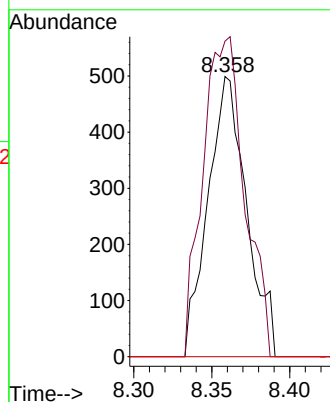
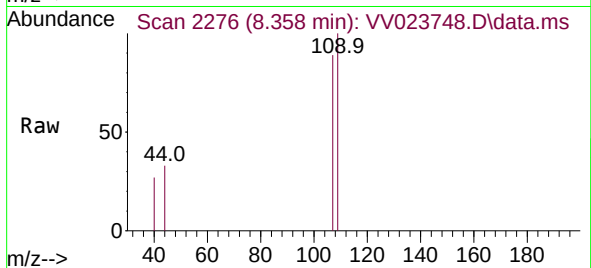
Acq: 30 Nov 2021 15:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	861
Ion Ratio	Lower	Upper
107	100	
109	112.6	62.5 116.1
188	0.0	3.4 5.2#



#51

Chlorobenzene

Concen: 0.170 ug/L

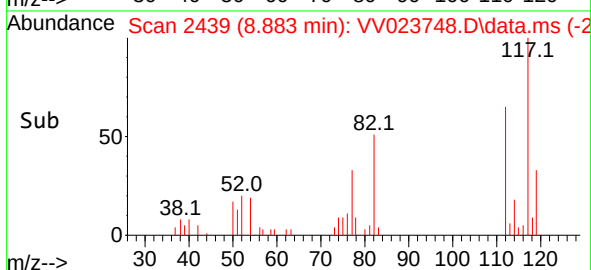
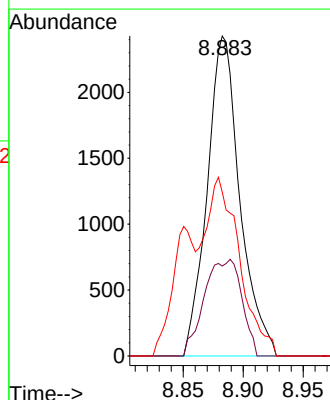
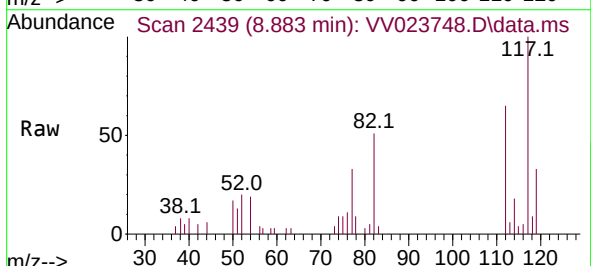
RT: 8.883 min Scan# 2439

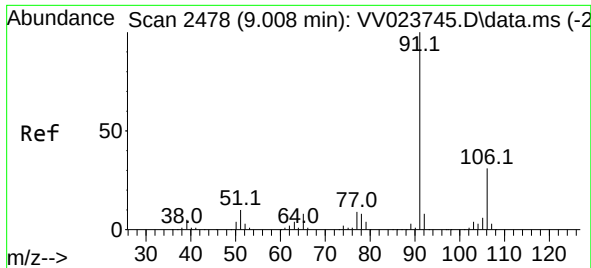
Delta R.T. 0.003 min

Lab File: VV023748.D

Acq: 30 Nov 2021 15:49

Tgt Ion:112	Resp:	4596
Ion Ratio	Lower	Upper
112	100	
114	28.1	23.3 43.3
77	51.2	43.3 64.9

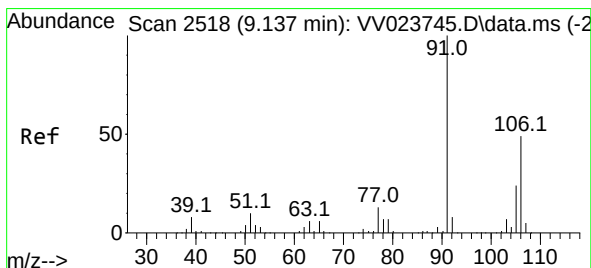
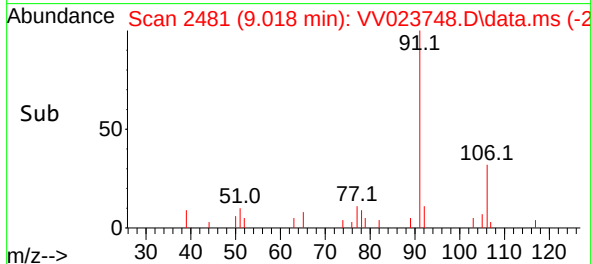
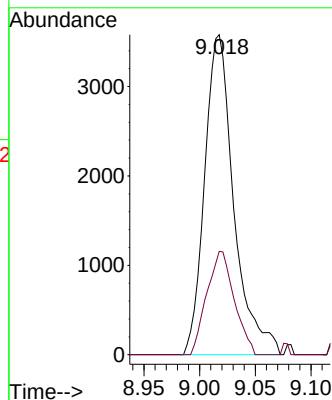
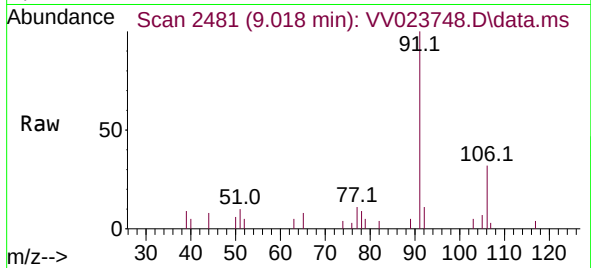




#52
Ethylbenzene
Concen: 0.153 ug/L
RT: 9.018 min Scan# 2478
Delta R.T. 0.010 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

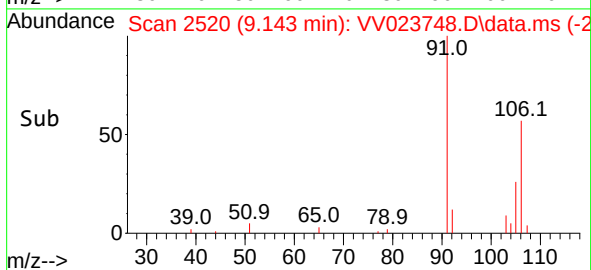
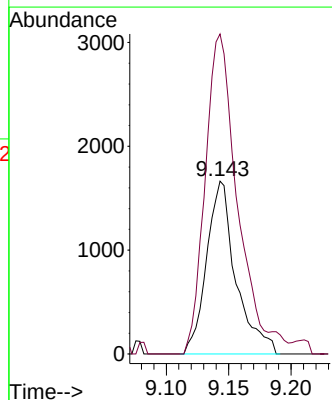
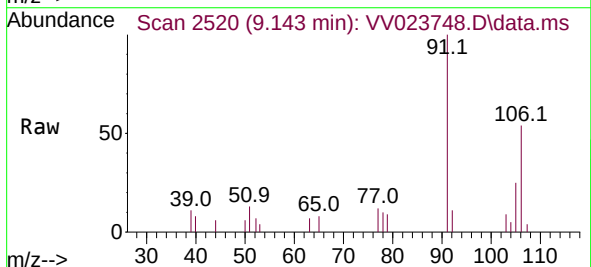
Instrument :
MSVOA_V
ClientSampleId :

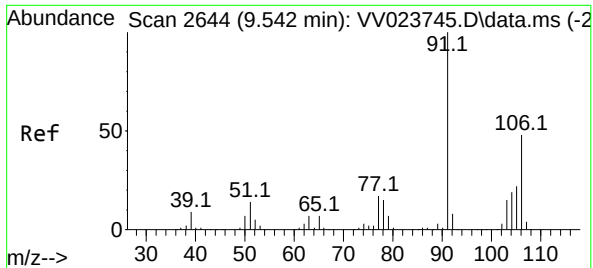
Tgt Ion: 91 Resp: 6533
Ion Ratio Lower Upper
91 100
106 32.3 22.0 41.0



#53
m,p-xylene
Concen: 0.161 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

Tgt Ion: 106 Resp: 2719
Ion Ratio Lower Upper
106 100
91 185.2 139.5 259.1

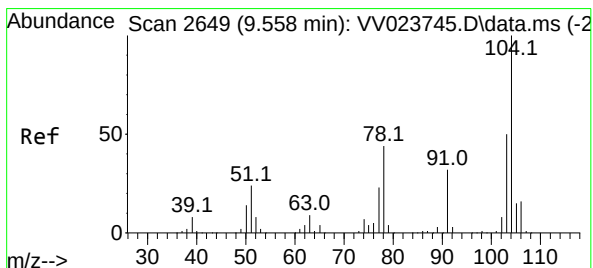
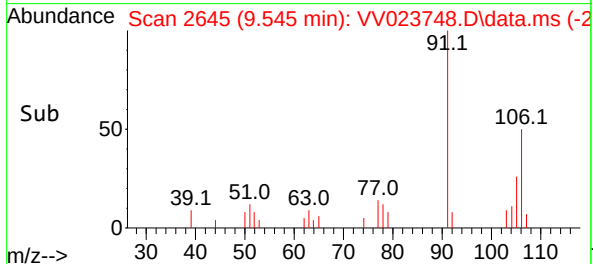
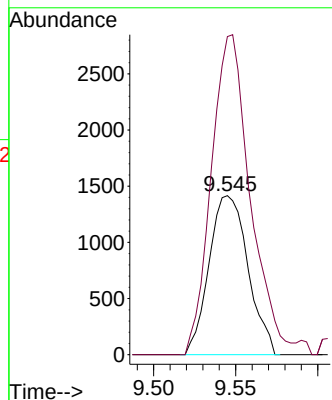
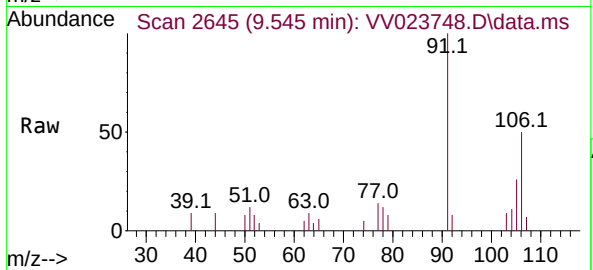




#54
o-xylene
Concen: 0.145 ug/L
RT: 9.545 min Scan# 2653
Delta R.T. 0.003 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

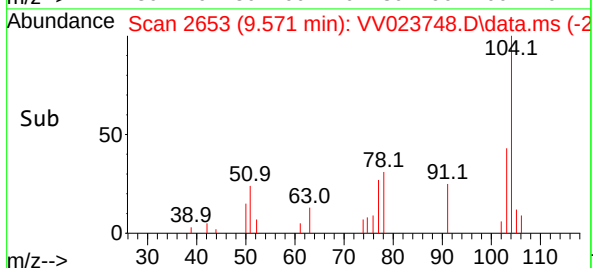
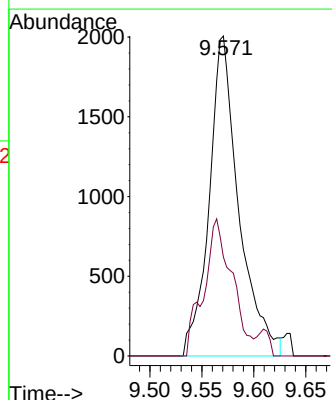
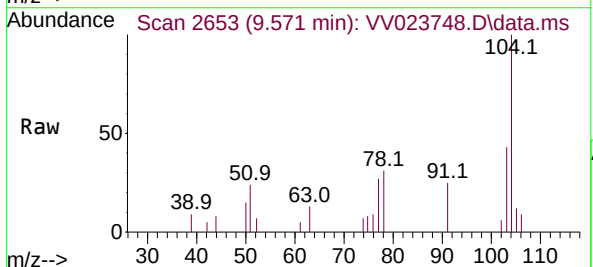
Instrument :
MSVOA_V
ClientSampleId :

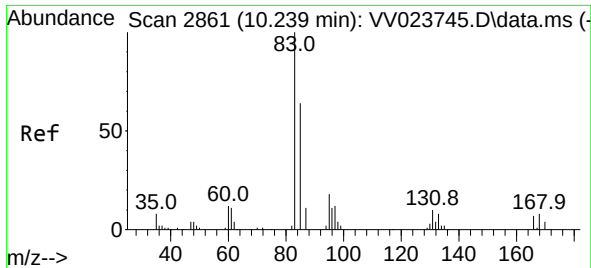
Tgt Ion:106 Resp: 2334
Ion Ratio Lower Upper
106 100
91 200.0 147.9 274.7



#55
Styrene
Concen: 0.147 ug/L
RT: 9.571 min Scan# 2653
Delta R.T. 0.013 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

Tgt Ion:104 Resp: 3986
Ion Ratio Lower Upper
104 100
78 30.9 31.0 57.6#

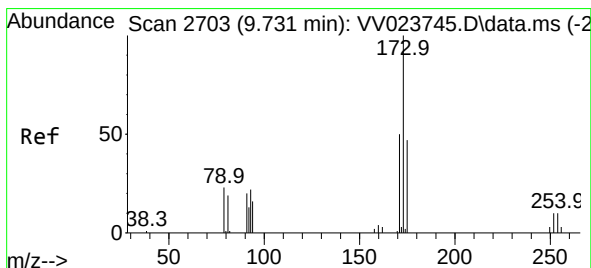
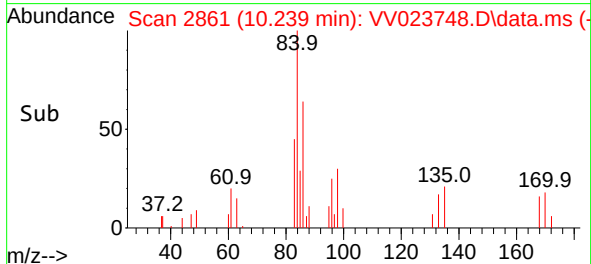
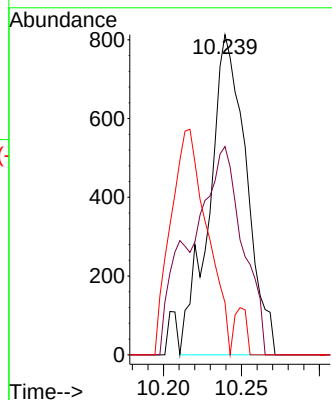
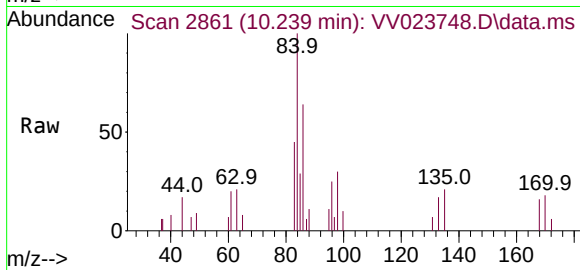




#57
1,1,2,2-Tetrachloroethane
Concen: 0.195 ug/L
RT: 10.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

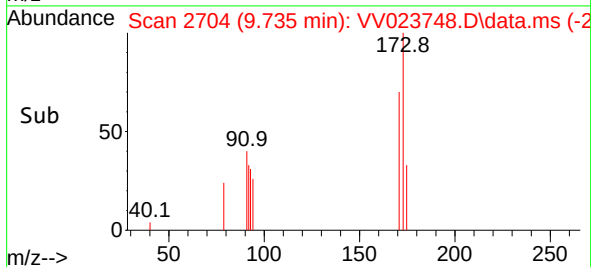
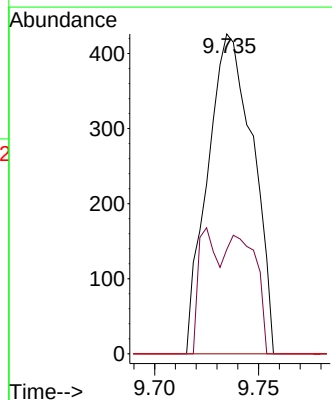
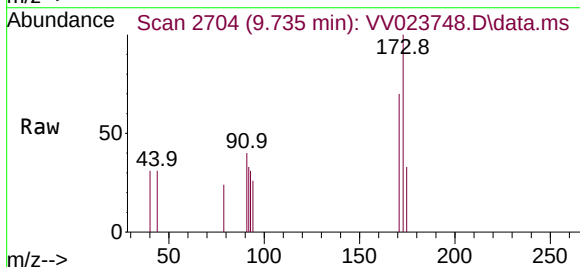
Instrument :
MSVOA_V
ClientSampleId :

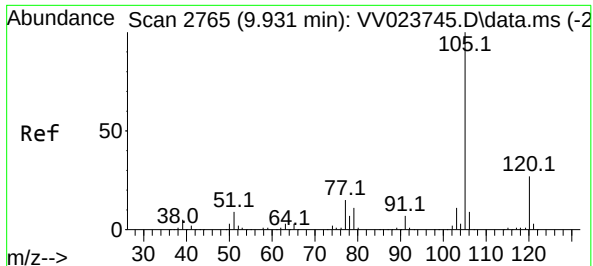
Tgt Ion: 83 Resp: 1344
Ion Ratio Lower Upper
83 100
85 65.1 44.6 82.8
131 16.4 8.3 12.5#



#59
Bromoform
Concen: 0.153 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

Tgt Ion: 173 Resp: 644
Ion Ratio Lower Upper
173 100
175 25.2 39.4 59.2#
254 0.0 7.4 11.0#





#60

Isopropylbenzene

Concen: 0.155 ug/L

RT: 9.931 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV023748.D

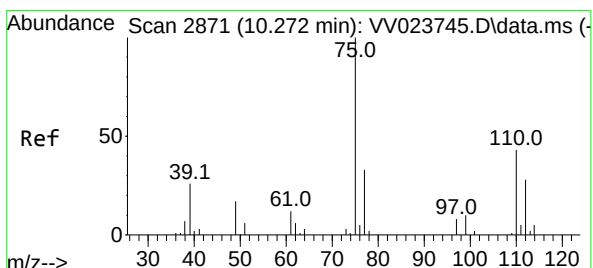
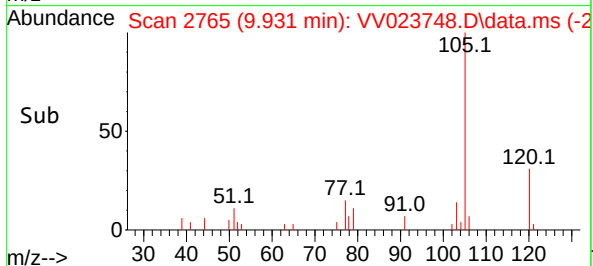
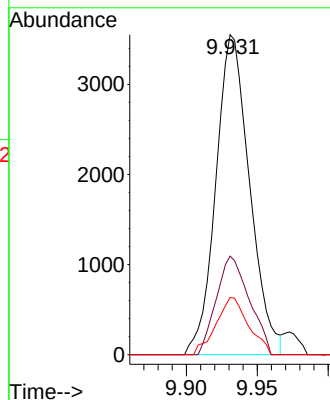
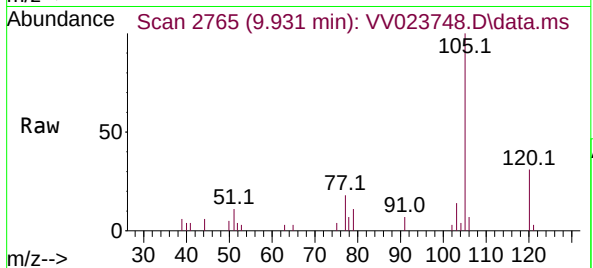
Acq: 30 Nov 2021 15:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	105	Resp:	5895
Ion Ratio	Lower	Upper	
105	100		
120	30.0	21.4	32.0
77	17.1	12.2	18.4



#61

1,2,3-Trichloropropane

Concen: 0.174 ug/L

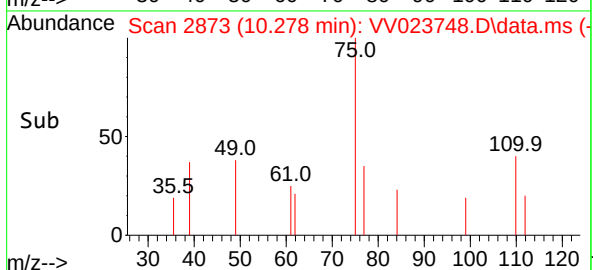
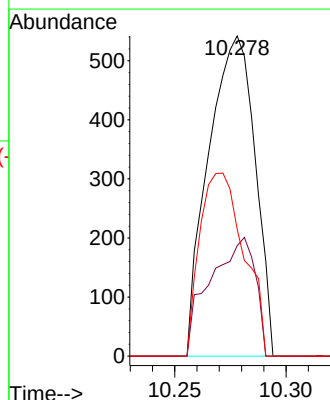
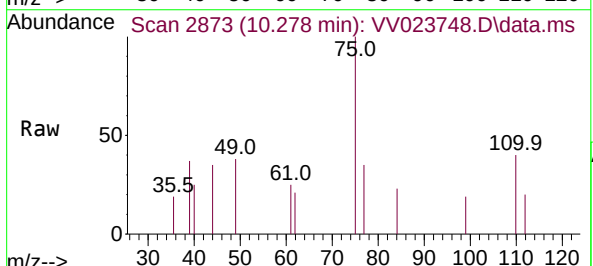
RT: 10.278 min Scan# 2873

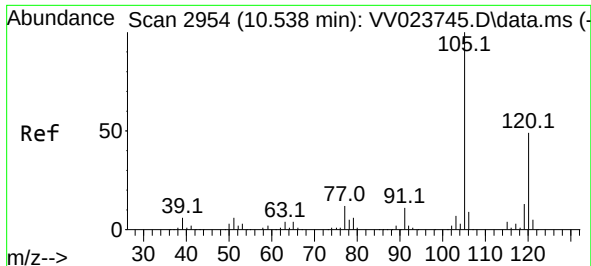
Delta R.T. 0.006 min

Lab File: VV023748.D

Acq: 30 Nov 2021 15:49

Tgt Ion:	75	Resp:	787
Ion Ratio	Lower	Upper	
75	100		
77	36.0	26.4	39.6
110	54.3	34.2	51.2





#62

1,3,5-Trimethylbenzene

Concen: 0.153 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV023748.D

Acq: 30 Nov 2021 15:49

Instrument :

MSVOA_V

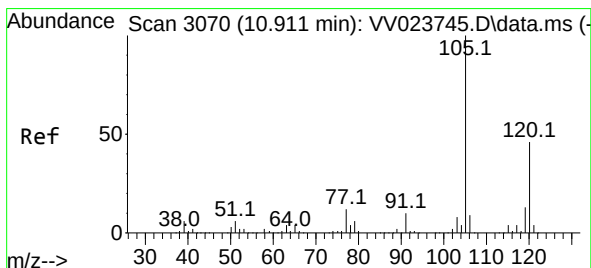
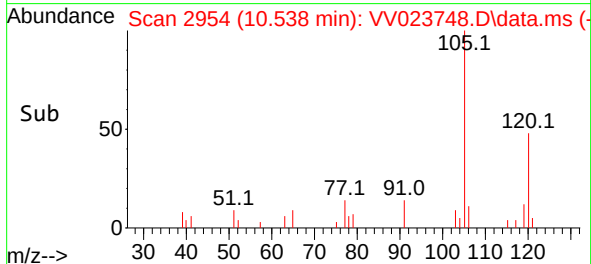
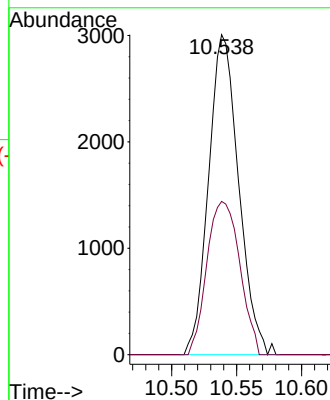
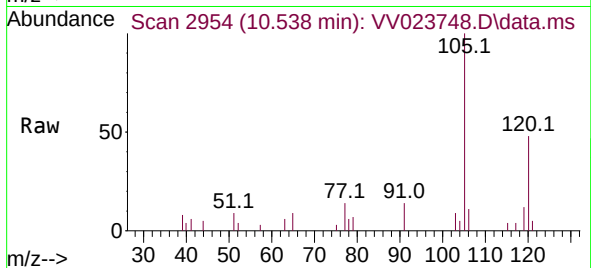
ClientSampleId :

Tgt Ion:105 Resp: 4842

Ion Ratio Lower Upper

105 100

120 52.3 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 0.169 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.006 min

Lab File: VV023748.D

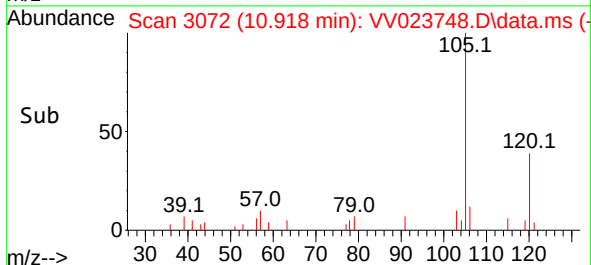
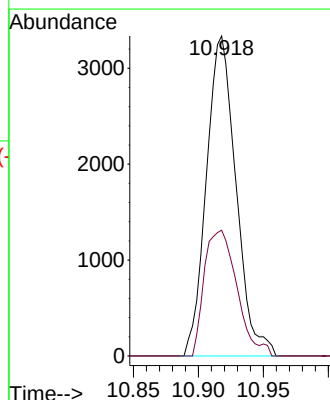
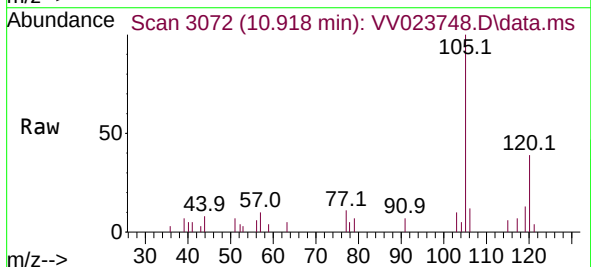
Acq: 30 Nov 2021 15:49

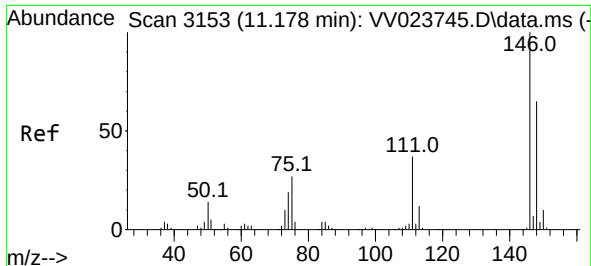
Tgt Ion:105 Resp: 5291

Ion Ratio Lower Upper

105 100

120 43.2 36.7 55.1

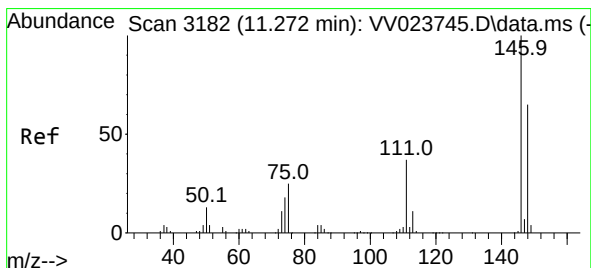
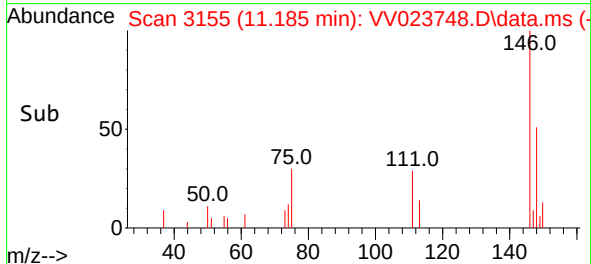
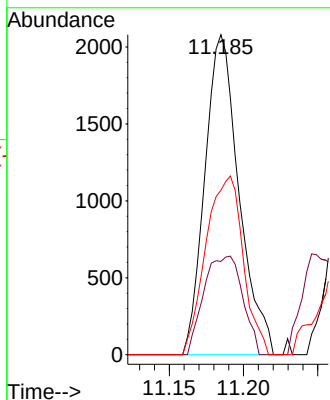
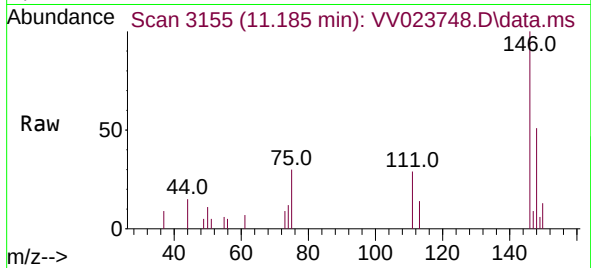




#64
1,3-Dichlorobenzene
Concen: 0.170 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.006 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

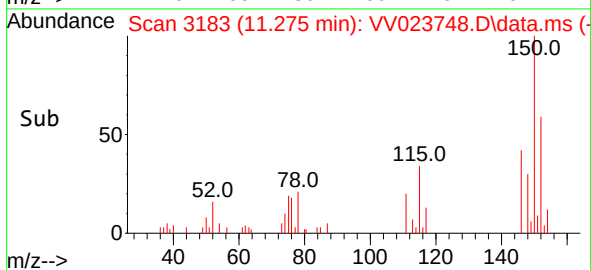
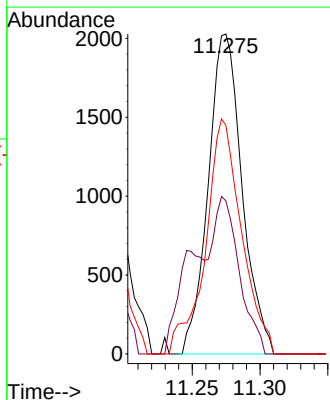
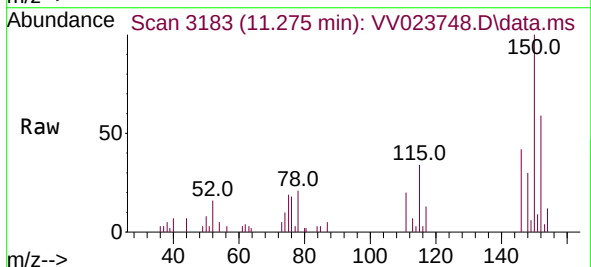
Instrument :
MSVOA_V
ClientSampleId :

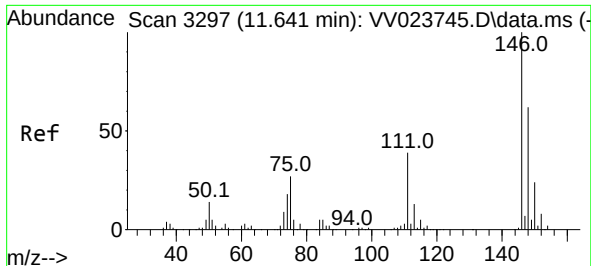
Tgt Ion:146 Resp: 3321
Ion Ratio Lower Upper
146 100
111 29.2 26.3 48.9
148 51.4 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 0.180 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

Tgt Ion:146 Resp: 3524
Ion Ratio Lower Upper
146 100
111 47.8 25.6 47.6#
148 71.4 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 0.182 ug/L

RT: 11.645 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV023748.D

Acq: 30 Nov 2021 15:49

Instrument :

MSVOA_V

ClientSampleId :

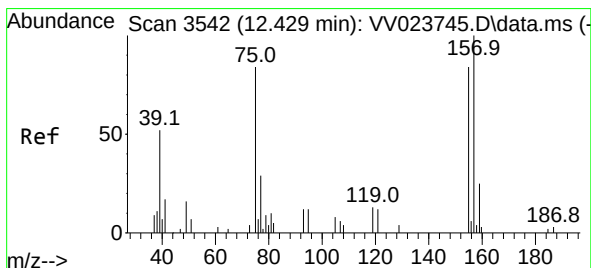
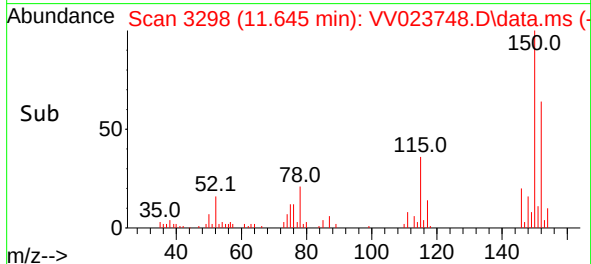
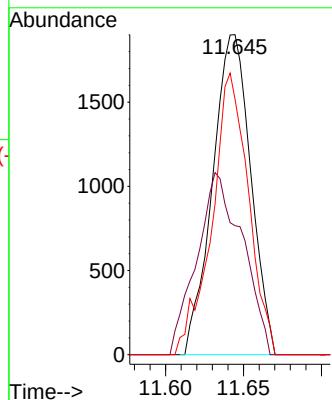
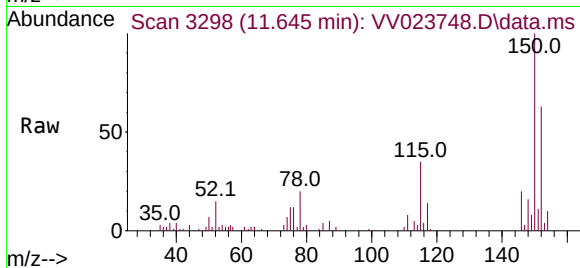
Tgt Ion:146 Resp: 3243

Ion Ratio Lower Upper

146 100

111 40.3 31.9 47.9

148 79.7 50.5 75.7#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.076 ug/L

RT: 12.432 min Scan# 3543

Delta R.T. 0.003 min

Lab File: VV023748.D

Acq: 30 Nov 2021 15:49

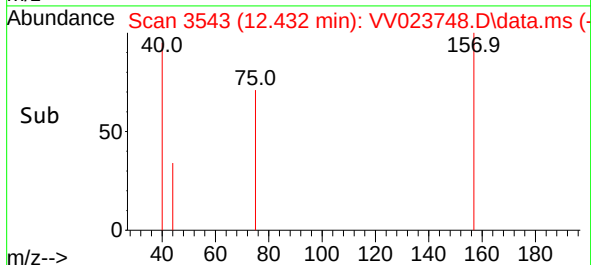
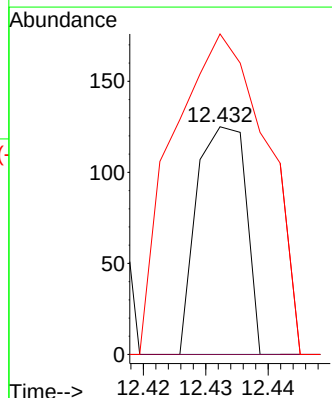
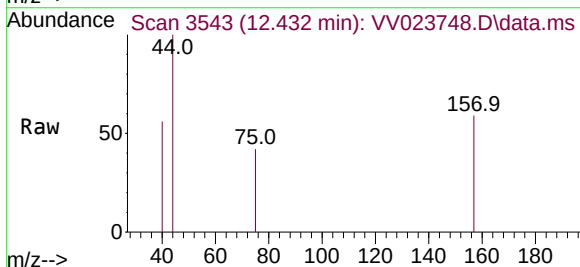
Tgt Ion: 75 Resp: 68

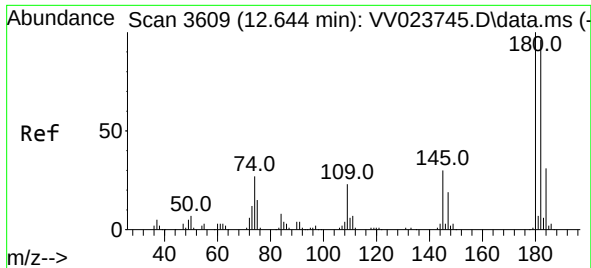
Ion Ratio Lower Upper

75 100

155 0.0 71.7 107.5#

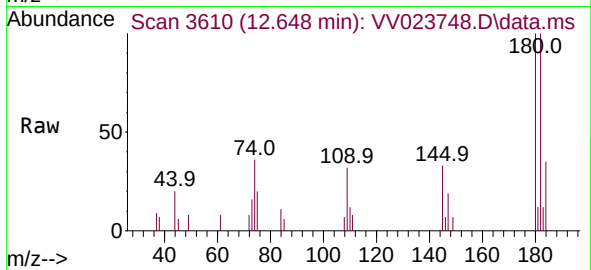
157 140.8 103.3 154.9



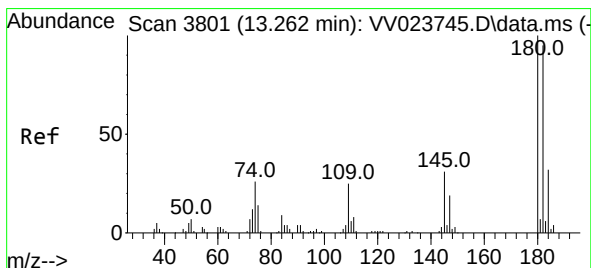
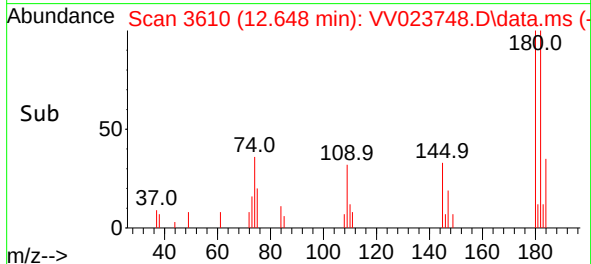
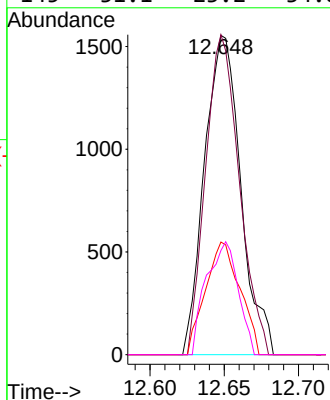


#69
 1,3,5-Trichlorobenzene
 Concen: 0.173 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. 0.003 min
 Lab File: VV023748.D
 Acq: 30 Nov 2021 15:49

Instrument :
 MSVOA_V
 ClientSampleId :

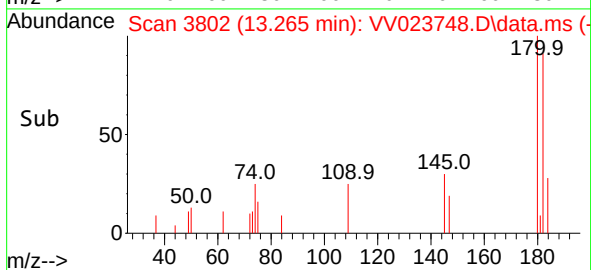
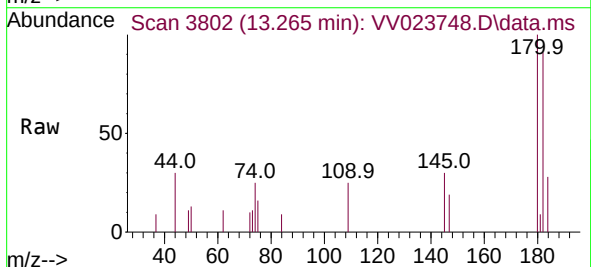
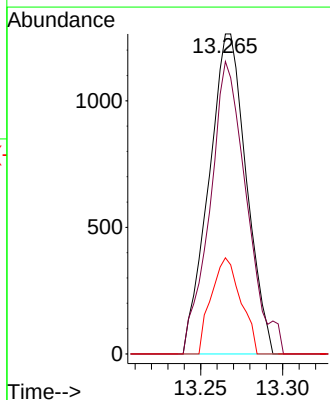


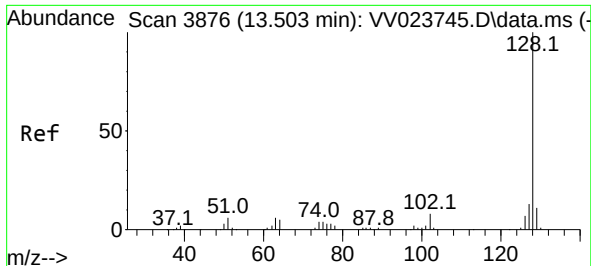
Tgt Ion:180 Resp: 2640
 Ion Ratio Lower Upper
 180 100
 182 92.7 76.4 114.6
 184 33.5 24.2 36.4
 145 31.1 23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 0.170 ug/L
 RT: 13.265 min Scan# 3802
 Delta R.T. 0.003 min
 Lab File: VV023748.D
 Acq: 30 Nov 2021 15:49

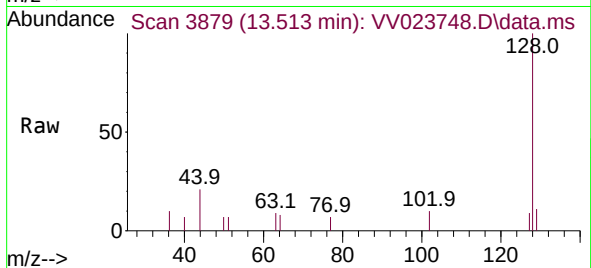
Tgt Ion:180 Resp: 2007
 Ion Ratio Lower Upper
 180 100
 182 89.2 74.4 111.6
 145 23.7 23.3 34.9



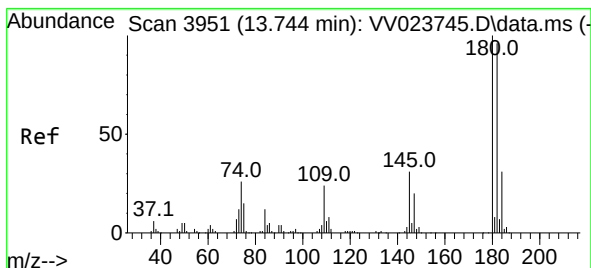
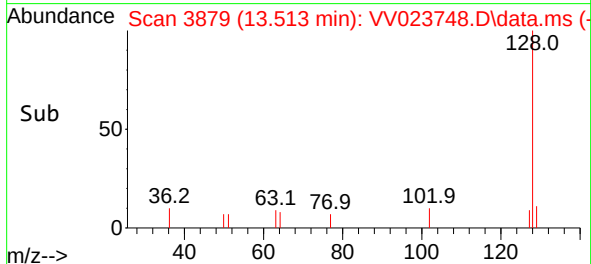
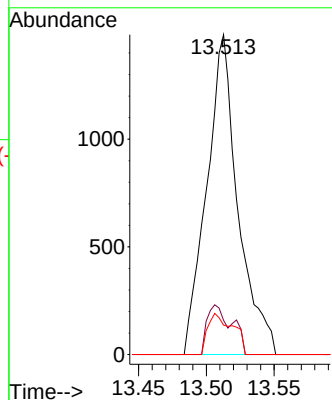


#71
Naphthalene
Concen: 0.150 ug/L
RT: 13.513 min Scan# 3879
Delta R.T. 0.010 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 2379
Ion Ratio Lower Upper
128 100
129 8.8 9.0 13.4#
127 10.3 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 0.166 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

Tgt Ion:180 Resp: 1698
Ion Ratio Lower Upper
180 100
182 93.9 76.8 115.2
145 28.6 25.8 38.6

