

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011023\
 Data File : VX033678.D
 Acq On : 10 Jan 2023 11:52
 Operator : JC/MD
 Sample : VX0110WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBL01

Quant Time: Jan 11 00:32:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 05 04:43:25 2023
 Response via : Initial Calibration

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

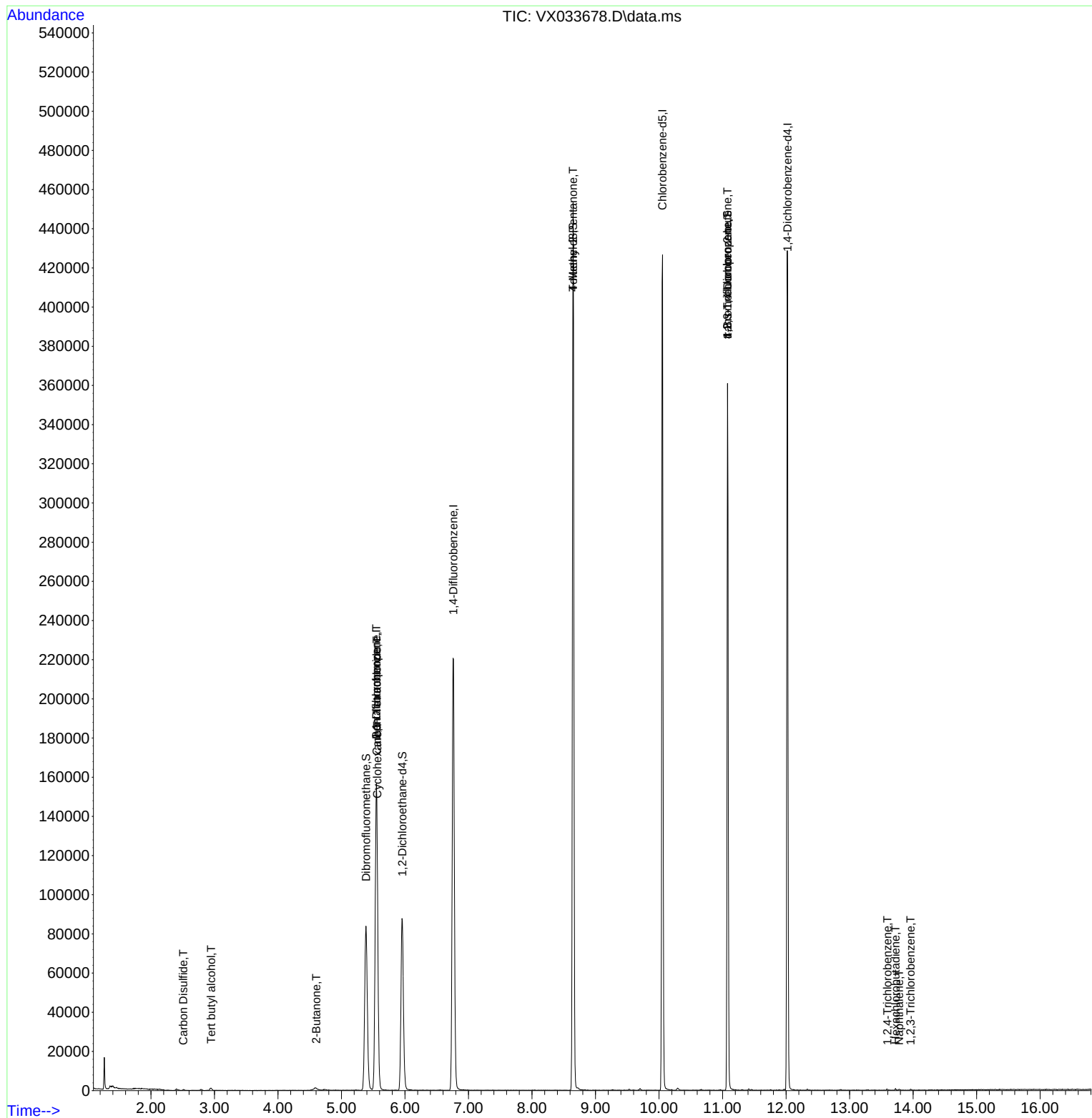
Internal Standards						
1) Pentafluorobenzene	5.550	168	161664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	235389	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86438	47.364	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.720%
35) Dibromofluoromethane	5.385	113	72956	47.154	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.300%
50) Toluene-d8	8.647	98	269094	48.660	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.320%
62) 4-Bromofluorobenzene	11.079	95	91602	46.732	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.460%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	862	2.875 ug/l	#	80
16) Acetone	2.398	43	1029	Below Cal		92
17) Carbon Disulfide	2.508	76	548	1.775 ug/l	#	74
20) Methylene Chloride	2.800	84	217	Below Cal	#	81
25) 2-Butanone	4.605	43	352	0.295 ug/l		90
31) Cyclohexane	5.562	56	2817	1.109 ug/l	#	32
36) 1,1-Dichloropropene	5.550	75	10832	5.169 ug/l	#	50
37) Ethyl Acetate	4.733	43	1071	Below Cal	#	69
38) Carbon Tetrachloride	5.556	117	14710	6.632 ug/l	#	14
51) 4-Methyl-2-Pentanone	8.647	43	1142	0.504 ug/l	#	1
76) 1,2,3-Trichloropropane	11.079	75	45202	26.236 ug/l	#	35
81) trans-1,4-Dichloro-2-b...	11.079	75	45202	79.629 ug/l	#	7
93) 1,2,4-Trichlorobenzene	13.597	180	323	1.743 ug/l		81
94) Hexachlorobutadiene	13.725	225	210	0.227 ug/l		93
95) Naphthalene	13.780	128	593	3.202 ug/l	#	73
96) 1,2,3-Trichlorobenzene	13.963	180	198	3.833 ug/l	#	62

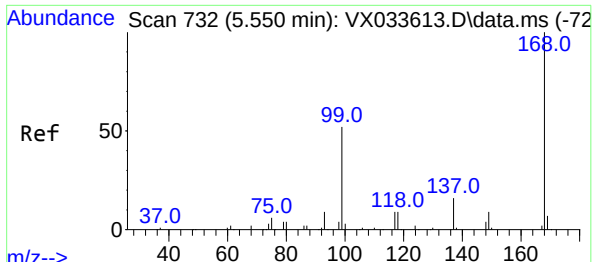
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
VX0110WBL01

Quant Time: Jan 11 00:32:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 05 04:43:25 2023
Response via : Initial Calibration

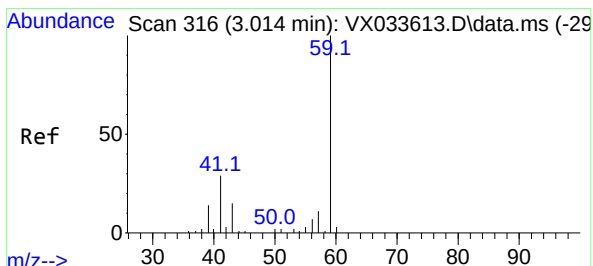
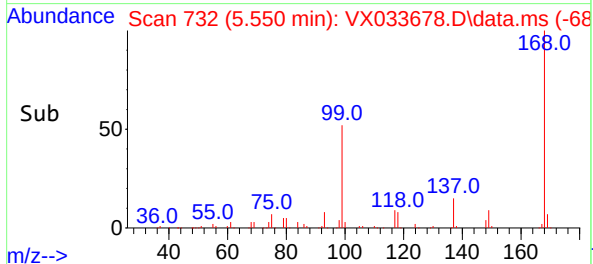
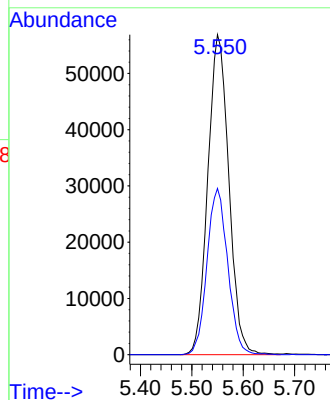
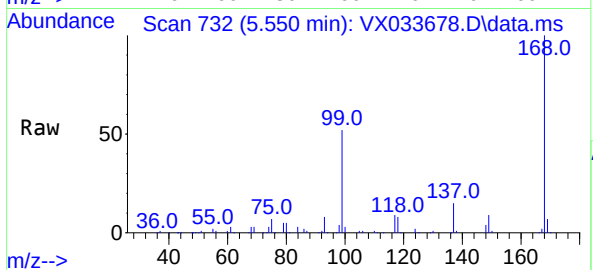




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033678.D
Acq: 10 Jan 2023 11:52

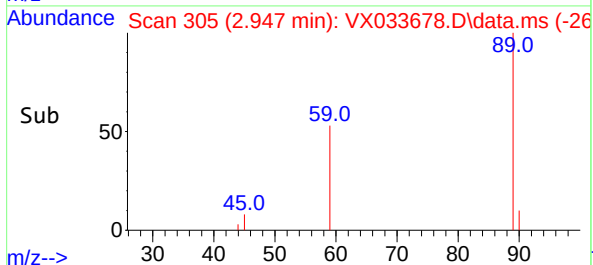
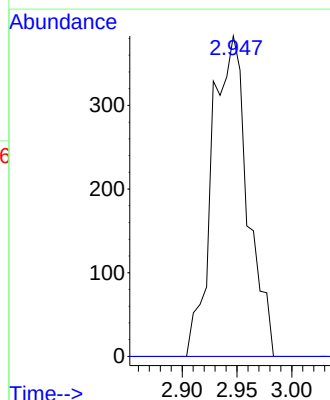
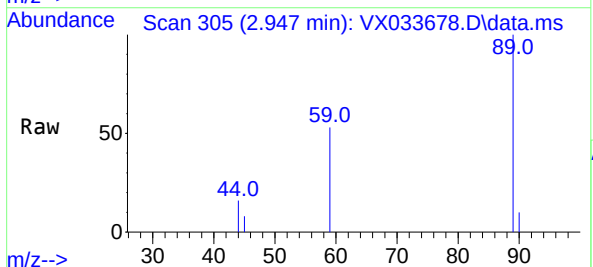
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBL01

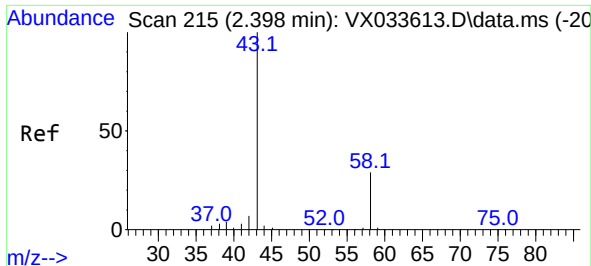
Tgt Ion:168 Resp: 161664
Ion Ratio Lower Upper
168 100
99 51.9 41.4 62.2



#11
Tert butyl alcohol
Concen: 2.875 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.067 min
Lab File: VX033678.D
Acq: 10 Jan 2023 11:52

Tgt Ion: 59 Resp: 862
Ion Ratio Lower Upper
59 100
57 0.0 5.5 8.3#

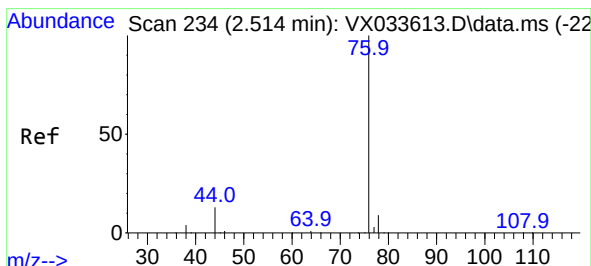
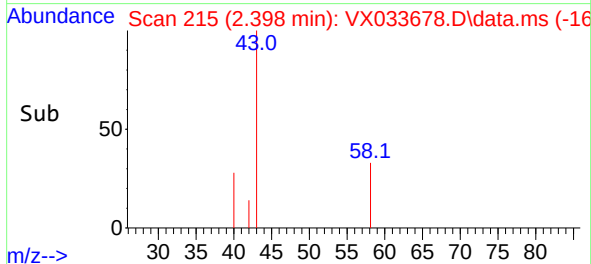
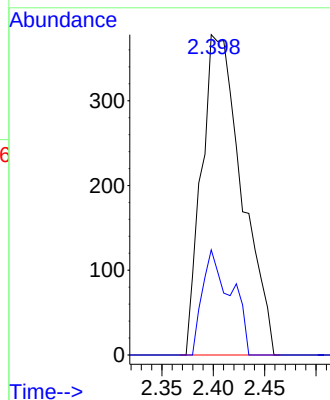
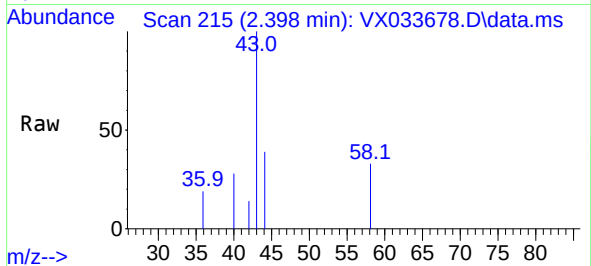




#16
Acetone
Concen: Below Cal
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX033678.D
Acq: 10 Jan 2023 11:52

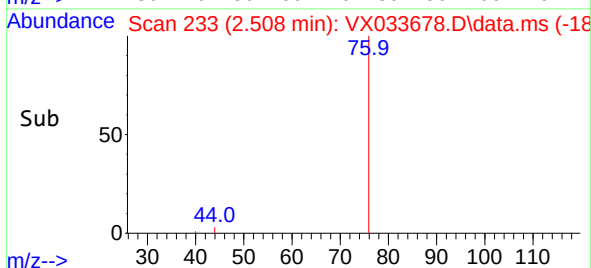
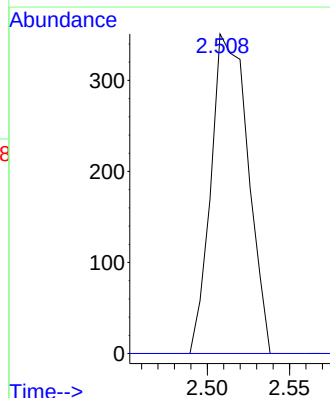
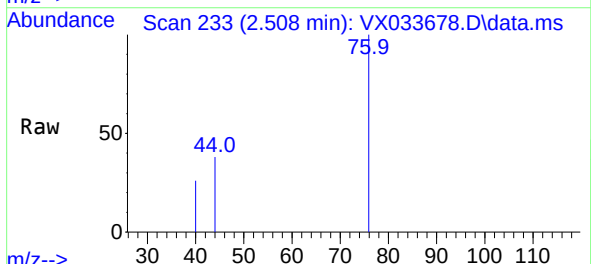
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBL01

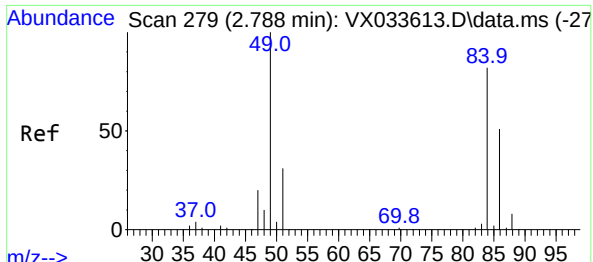
Tgt Ion: 43 Resp: 1029
Ion Ratio Lower Upper
43 100
58 32.8 22.9 34.3



#17
Carbon Disulfide
Concen: 1.775 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX033678.D
Acq: 10 Jan 2023 11:52

Tgt Ion: 76 Resp: 548
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#

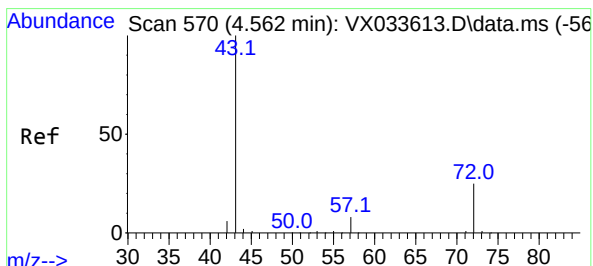
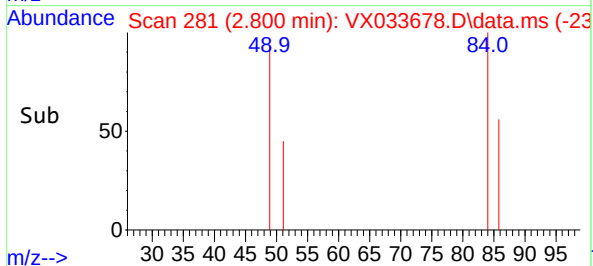
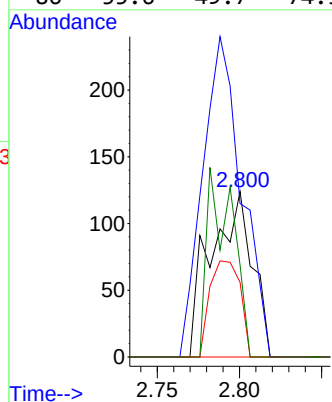
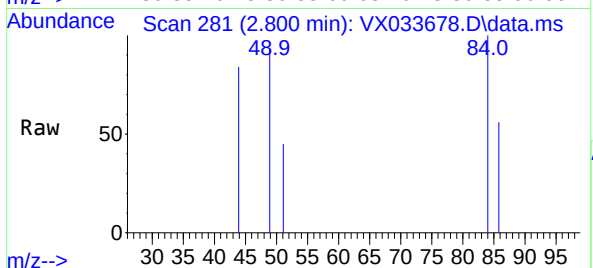




#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 217
Delta R.T. 0.012 min
Lab File: VX033678.D
Acq: 10 Jan 2023 11:52

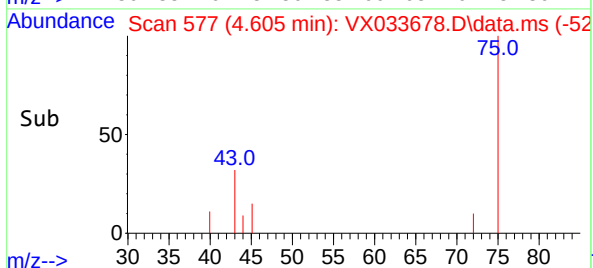
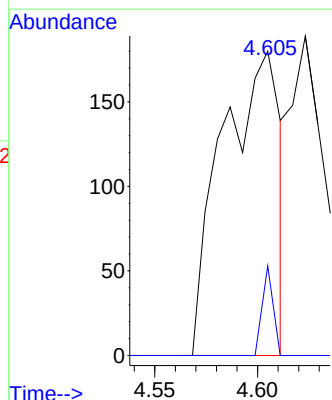
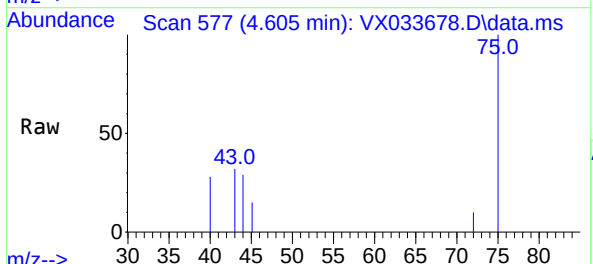
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBL01

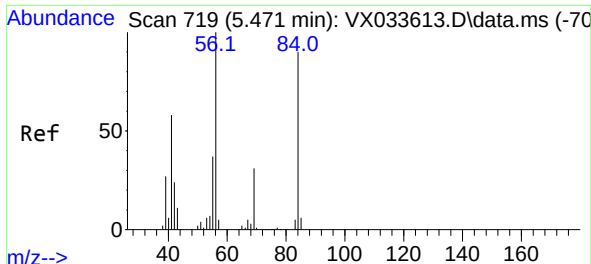
Tgt Ion: 84	Resp: 217
Ion Ratio	Lower Upper
84 100	
49 92.7	97.6 146.4#
51 45.2	30.4 45.6
86 55.6	49.7 74.5



#25
2-Butanone
Concen: 0.295 ug/l
RT: 4.605 min Scan# 577
Delta R.T. 0.043 min
Lab File: VX033678.D
Acq: 10 Jan 2023 11:52

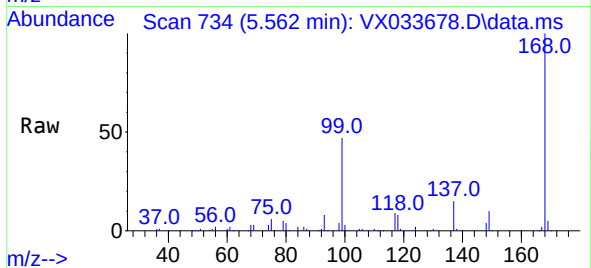
Tgt Ion: 43	Resp: 352		
Ion Ratio	Lower	Upper	
43 100			
72 29.4	19.8	29.6	



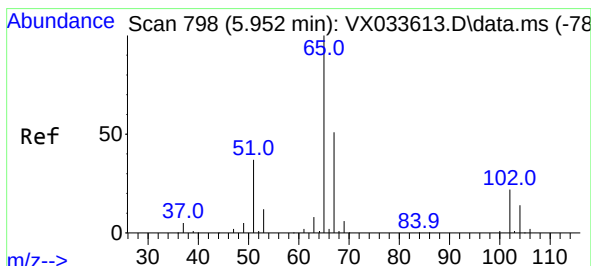
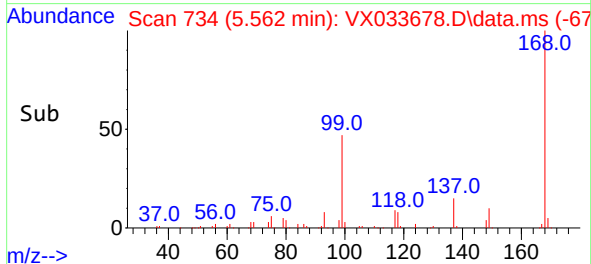
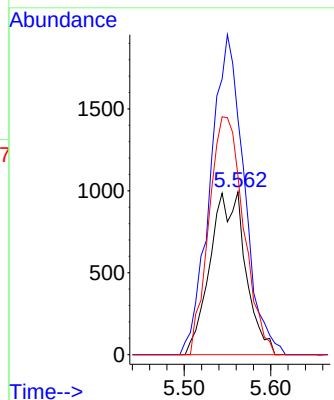


#31
Cyclohexane
Concen: 1.109 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX033678.D
Acq: 10 Jan 2023 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBL01

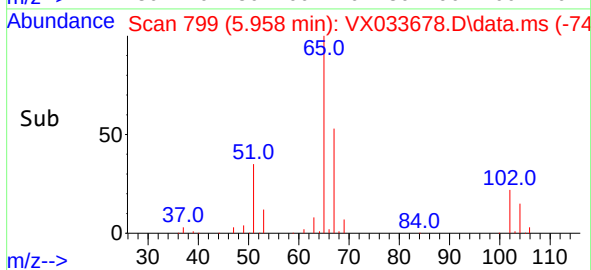
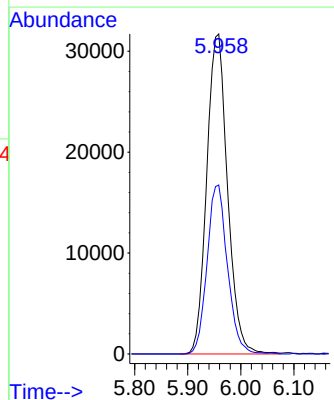
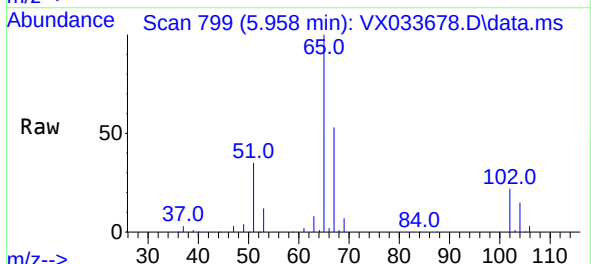


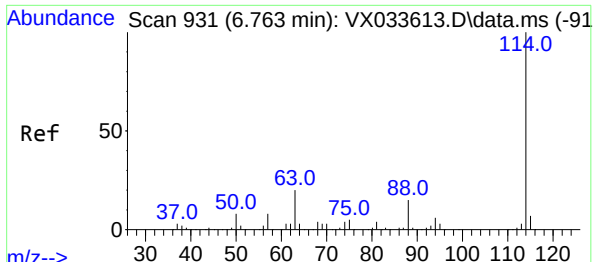
Tgt Ion: 56 Resp: 2817
Ion Ratio Lower Upper
56 100
69 144.7 24.6 36.8#
84 110.0 72.2 108.2#



#33
1,2-Dichloroethane-d4
Concen: 47.364 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX033678.D
Acq: 10 Jan 2023 11:52

Tgt Ion: 65 Resp: 86438
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8



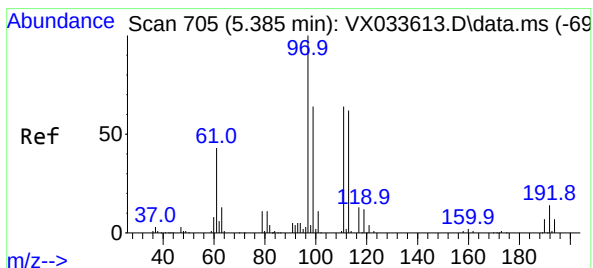
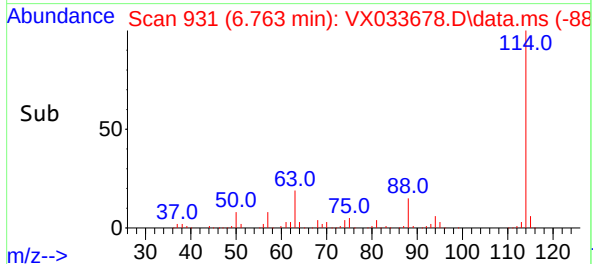
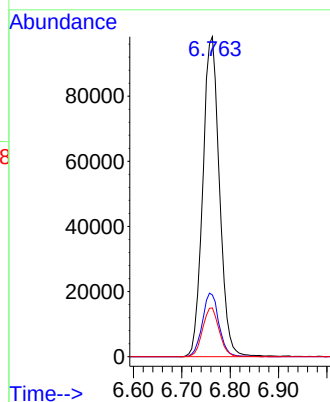
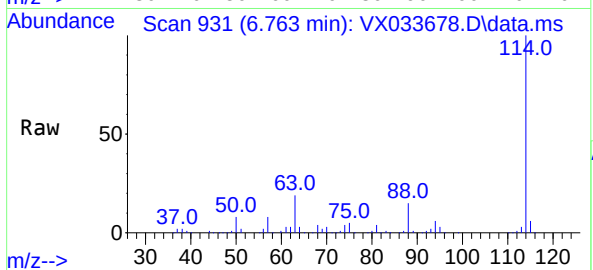


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033678.D
Acq: 10 Jan 2023 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBL01

Tgt Ion:114 Resp: 235389

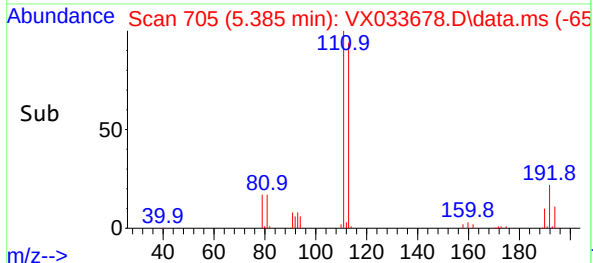
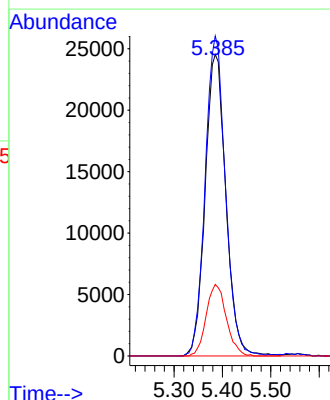
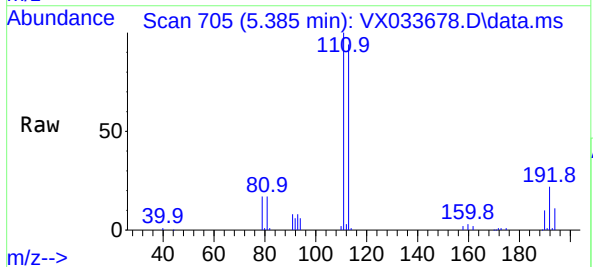
Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	40.0
88	15.3	0.0	29.6

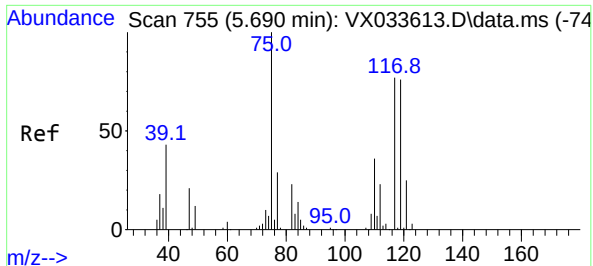


#35
Dibromofluoromethane
Concen: 47.154 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033678.D
Acq: 10 Jan 2023 11:52

Tgt Ion:113 Resp: 72956

Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.2	121.8
192	23.1	18.2	27.2





#36

1,1-Dichloropropene

Concen: 5.169 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX033678.D

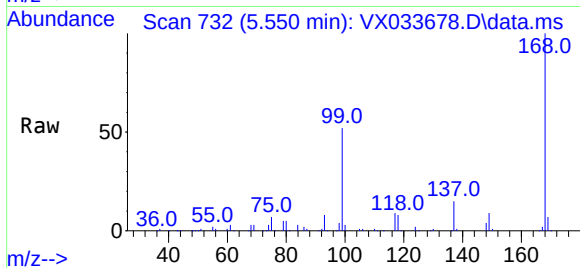
Acq: 10 Jan 2023 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBL01



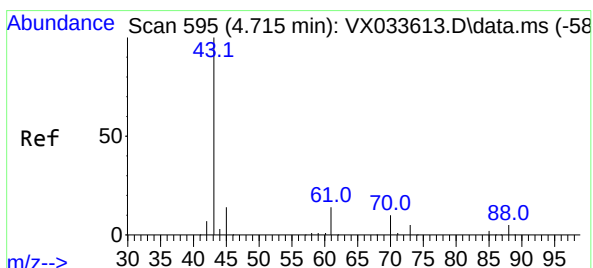
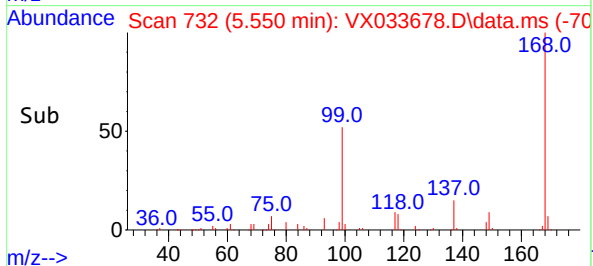
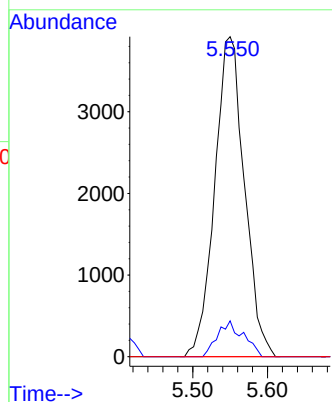
Tgt Ion: 75 Resp: 10832

Ion Ratio Lower Upper

75 100

110 9.7 18.0 54.0#

77 0.0 24.5 36.7#



#37

Ethyl Acetate

Concen: Below Cal

RT: 4.733 min Scan# 598

Delta R.T. 0.018 min

Lab File: VX033678.D

Acq: 10 Jan 2023 11:52

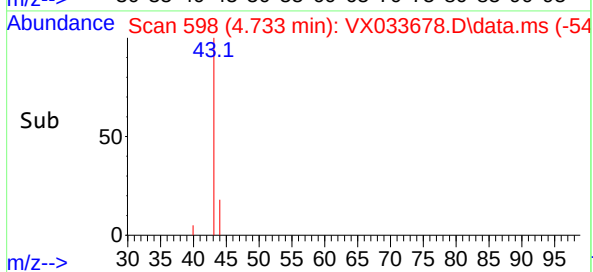
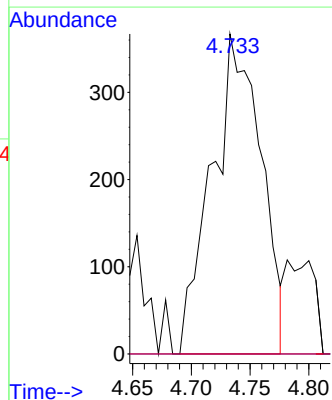
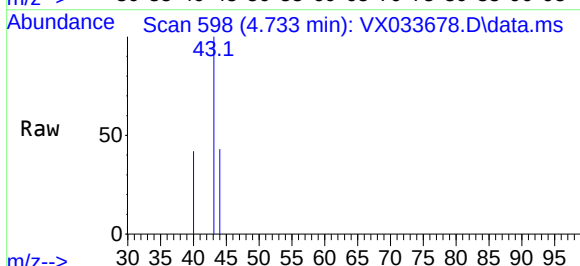
Tgt Ion: 43 Resp: 1071

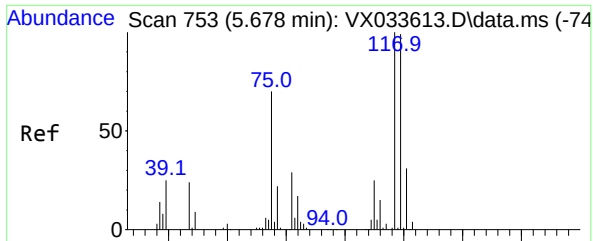
Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

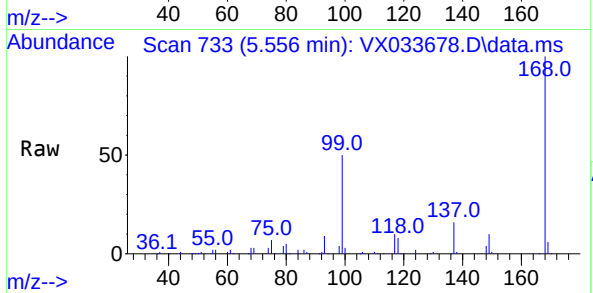
70 0.0 8.1 12.1#



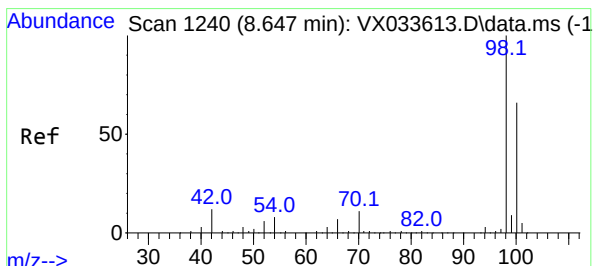
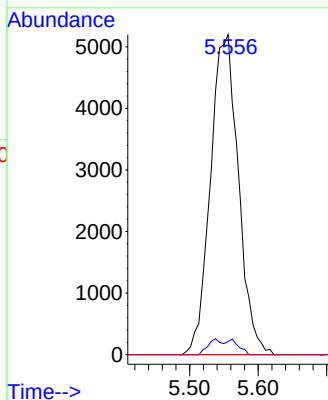
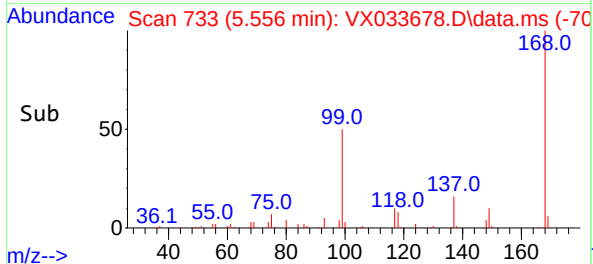


#38
Carbon Tetrachloride
Concen: 6.632 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX033678.D
Acq: 10 Jan 2023 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBL01

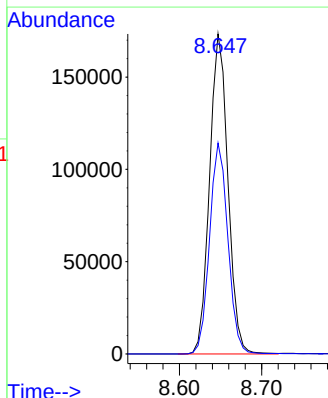
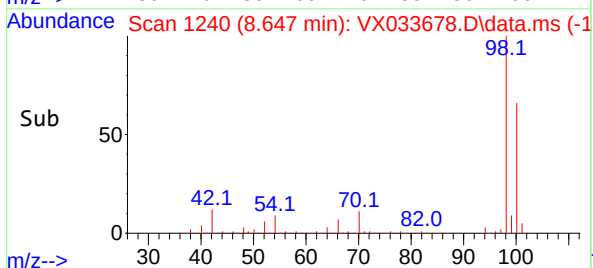
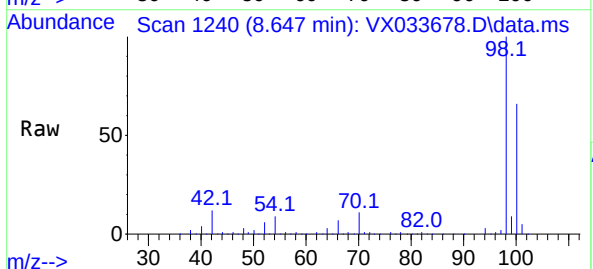


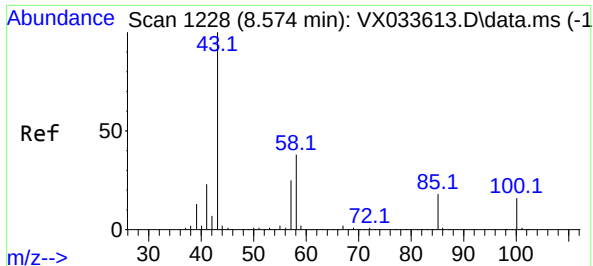
Tgt Ion:117 Resp: 14710
Ion Ratio Lower Upper
117 100
119 4.1 78.8 118.2#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 48.660 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033678.D
Acq: 10 Jan 2023 11:52

Tgt Ion: 98 Resp: 269094
Ion Ratio Lower Upper
98 100
100 66.0 53.6 80.4

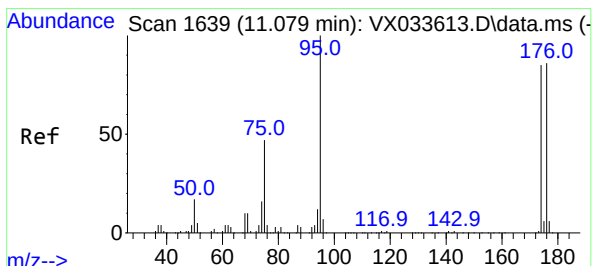
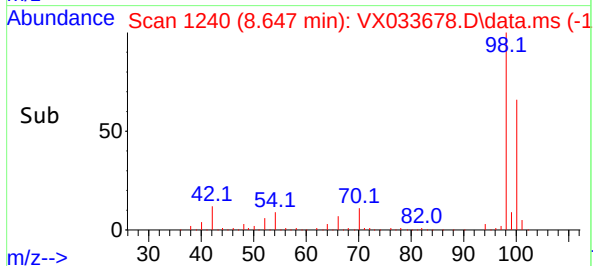
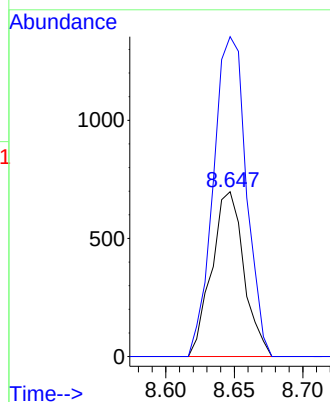
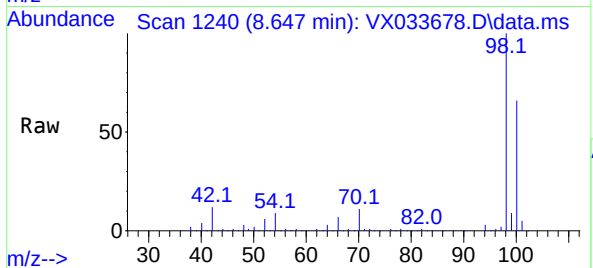




#51
4-Methyl-2-Pentanone
Concen: 0.504 ug/l
RT: 8.647 min Scan# 1142
Delta R.T. 0.073 min
Lab File: VX033678.D
Acq: 10 Jan 2023 11:52

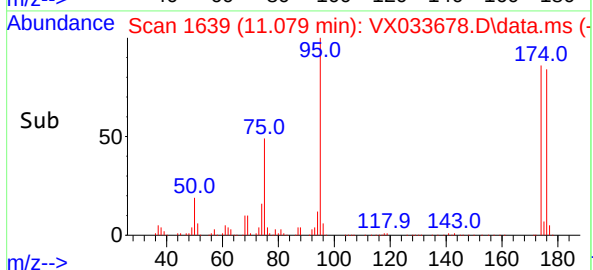
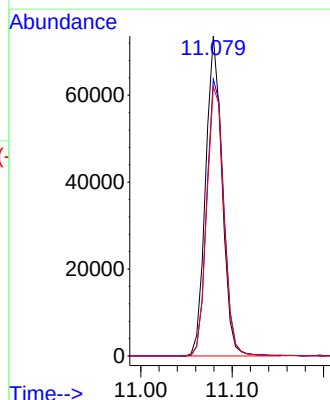
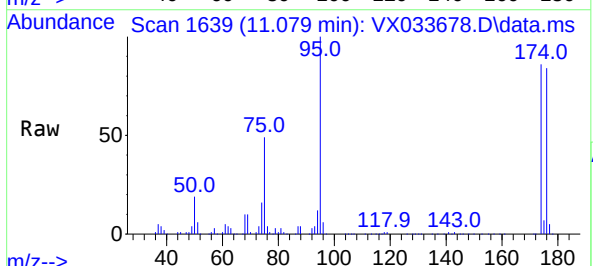
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBL01

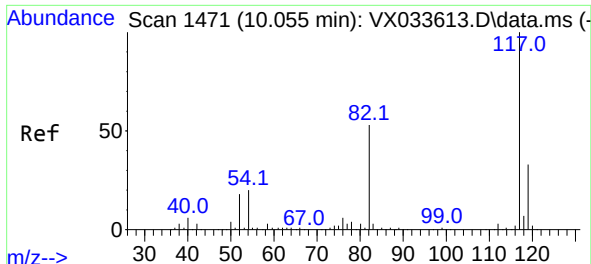
Tgt Ion: 43 Resp: 1142
Ion Ratio Lower Upper
43 100
58 198.9 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 46.732 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033678.D
Acq: 10 Jan 2023 11:52

Tgt Ion: 95 Resp: 91602
Ion Ratio Lower Upper
95 100
174 90.3 0.0 180.4
176 88.2 0.0 176.2

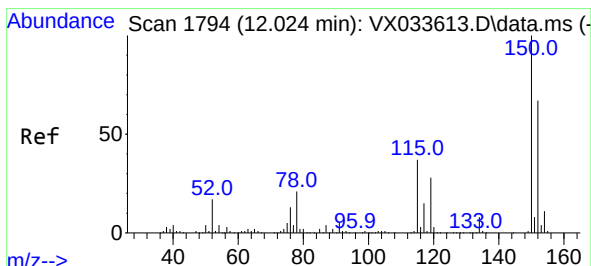
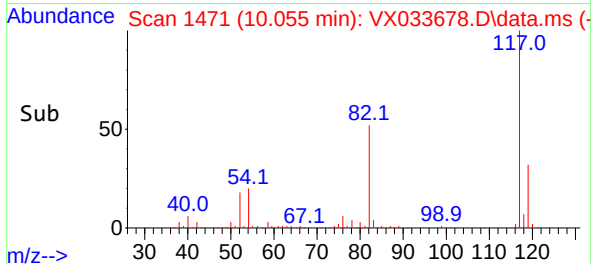
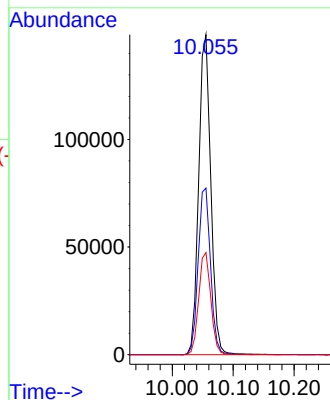
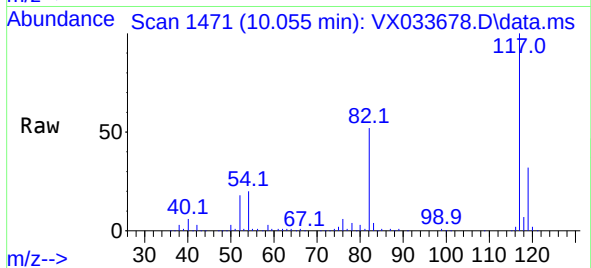




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033678.D
Acq: 10 Jan 2023 11:52

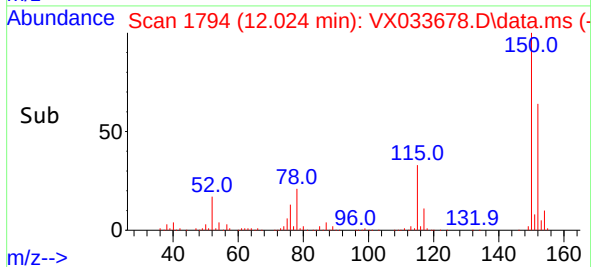
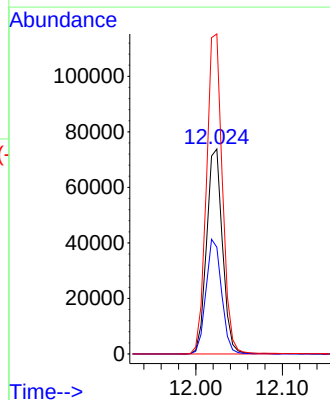
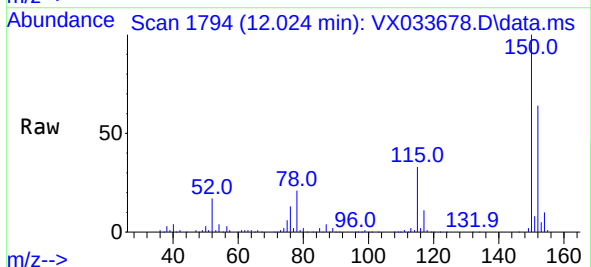
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBL01

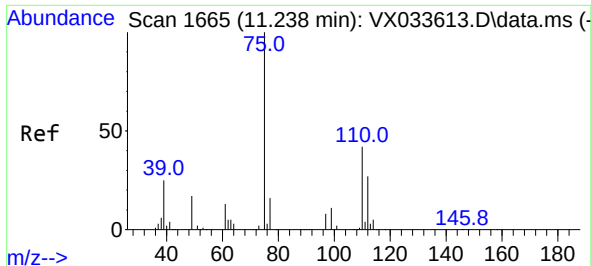
Tgt Ion:117 Resp: 204709
Ion Ratio Lower Upper
117 100
82 52.1 42.2 63.2
119 31.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033678.D
Acq: 10 Jan 2023 11:52

Tgt Ion:152 Resp: 94045
Ion Ratio Lower Upper
152 100
115 55.0 38.5 115.5
150 156.9 0.0 340.4

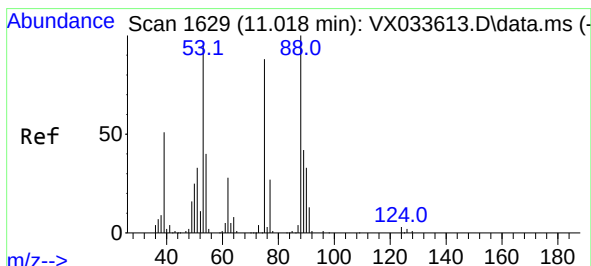
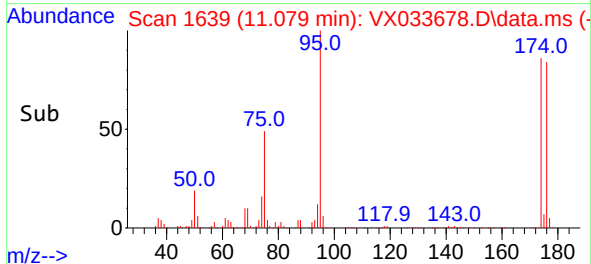
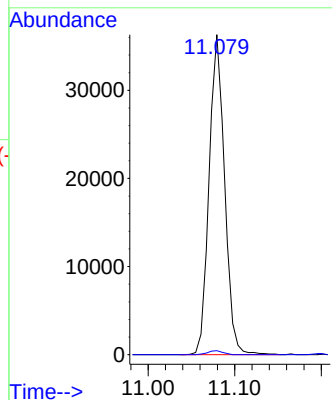
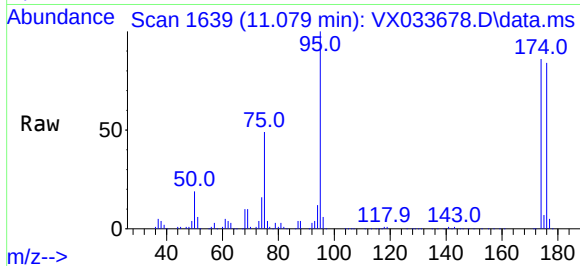




#76
1,2,3-Trichloropropane
Concen: 26.236 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033678.D
Acq: 10 Jan 2023 11:52

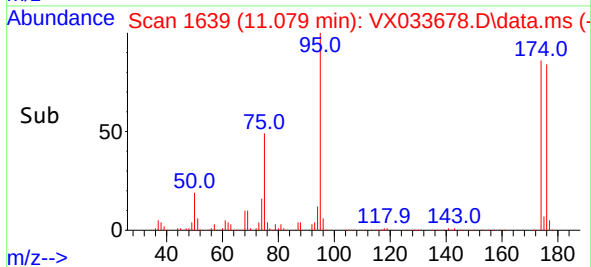
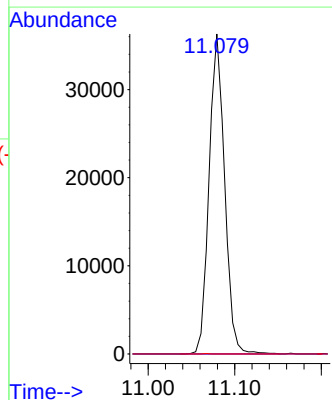
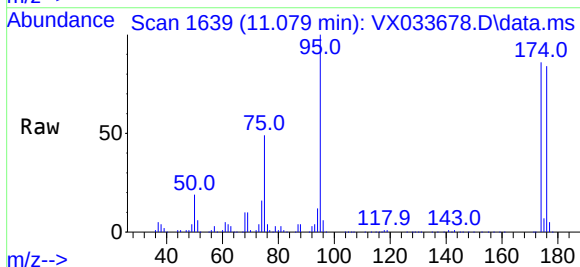
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBL01

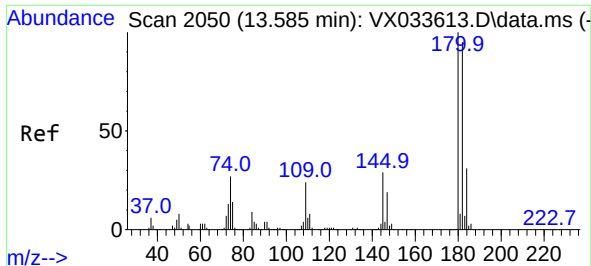
Tgt Ion: 75 Resp: 45202
Ion Ratio Lower Upper
75 100
77 1.2 21.3 63.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.629 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033678.D
Acq: 10 Jan 2023 11:52

Tgt Ion: 75 Resp: 45202
Ion Ratio Lower Upper
75 100
53 0.0 86.4 129.6#
89 0.0 37.4 56.2#

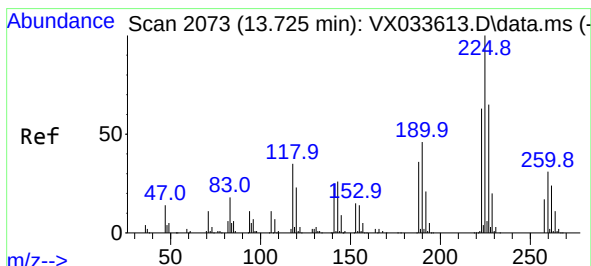
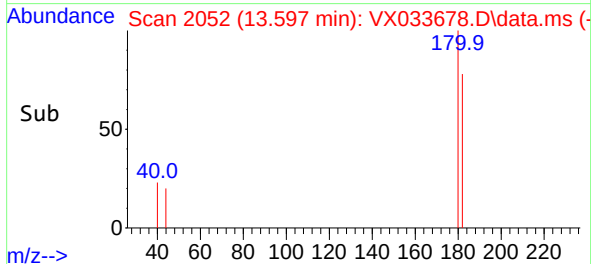
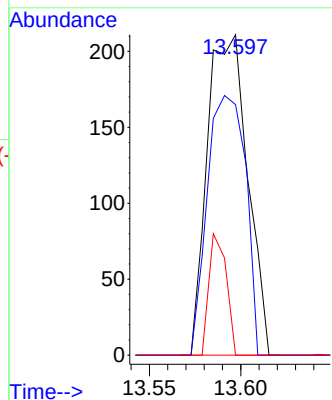
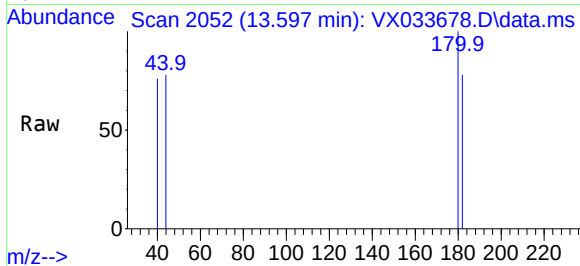




#93
1,2,4-Trichlorobenzene
Concen: 1.743 ug/l
RT: 13.597 min Scan# 2050
Delta R.T. 0.012 min
Lab File: VX033678.D
Acq: 10 Jan 2023 11:52

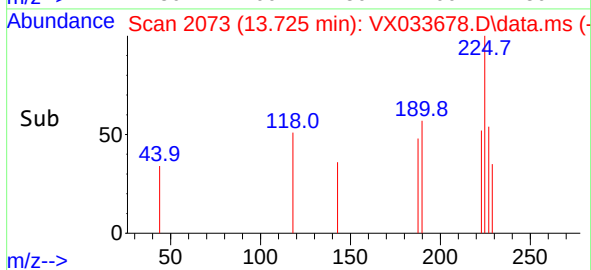
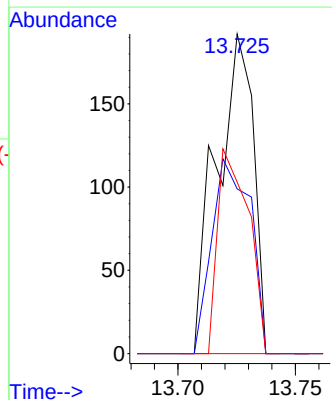
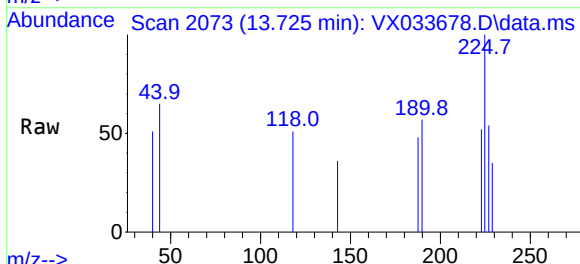
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBL01

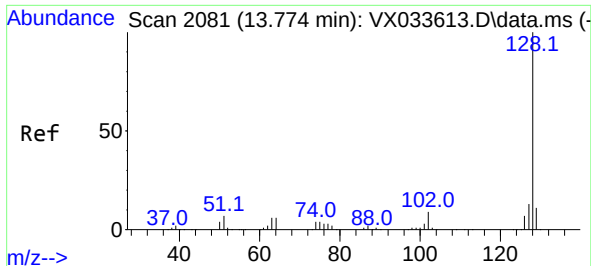
Tgt Ion:180 Resp: 323
Ion Ratio Lower Upper
180 100
182 77.1 47.4 142.2
145 16.4 14.1 42.2



#94
Hexachlorobutadiene
Concen: 0.227 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033678.D
Acq: 10 Jan 2023 11:52

Tgt Ion:225 Resp: 210
Ion Ratio Lower Upper
225 100
223 63.8 31.4 94.3
227 53.8 31.9 95.5

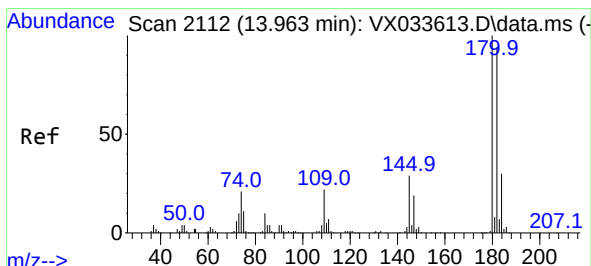
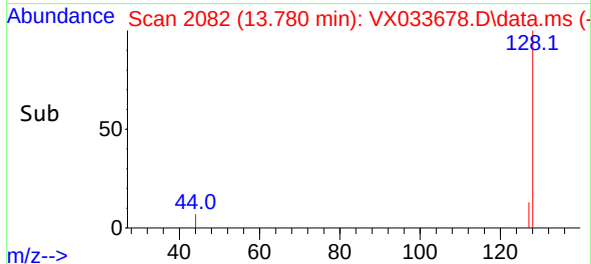
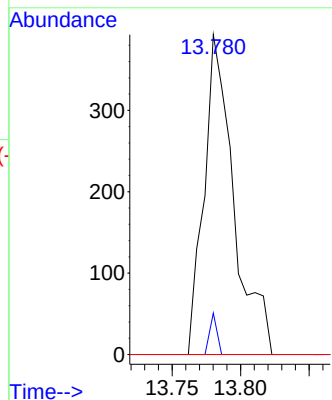
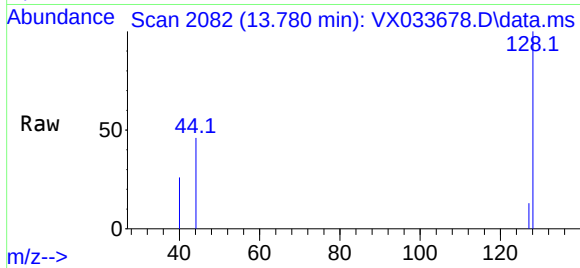




#95
Naphthalene
Concen: 3.202 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX033678.D
Acq: 10 Jan 2023 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBL01

Tgt Ion:	128	Resp:	593
Ion	Ratio	Lower	Upper
128	100		
127	3.2	10.3	15.5#
129	0.0	9.0	13.4#



#96
1,2,3-Trichlorobenzene
Concen: 3.833 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033678.D
Acq: 10 Jan 2023 11:52

Tgt Ion:	180	Resp:	198
Ion	Ratio	Lower	Upper
180	100		
182	126.3	47.2	141.6
145	0.0	15.0	45.0#

