

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011023\
 Data File : VX033677.D
 Acq On : 10 Jan 2023 11:29
 Operator : JC/MD
 Sample : VX0110MBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110MBL01

Quant Time: Jan 11 00:32:16 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)

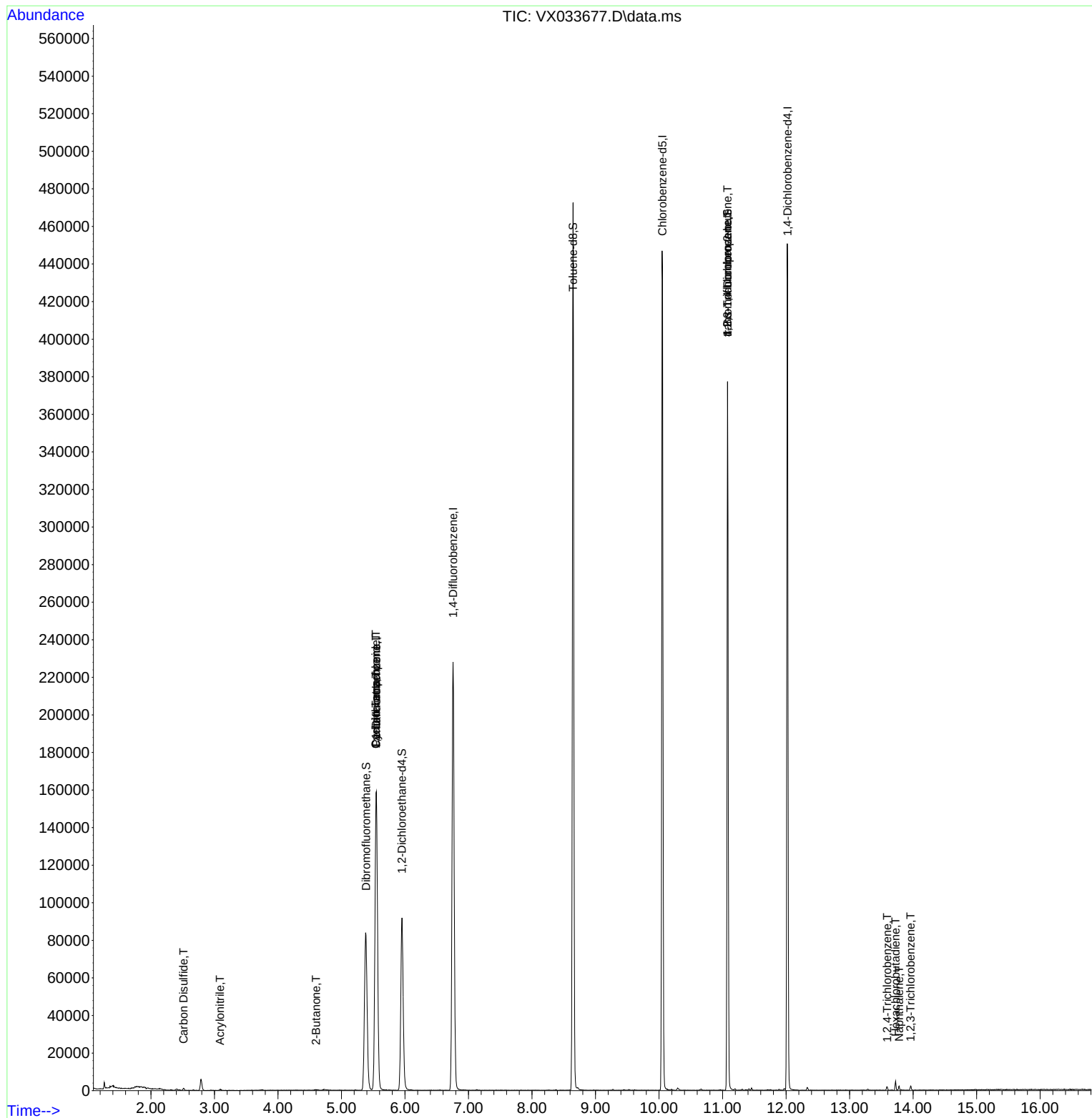
Internal Standards						
1) Pentafluorobenzene	5.550	168	167584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	240607	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87672	46.343	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.680%
35) Dibromofluoromethane	5.385	113	73573	46.522	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.040%
50) Toluene-d8	8.647	98	278460	49.262	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.520%
62) 4-Bromofluorobenzene	11.079	95	96082	47.954	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.900%
Target Compounds						
					Qvalue	
15) Acrylonitrile	3.087	53	205	0.244	ug/l #	70
16) Acetone	2.410	43	1124	Below Cal		93
17) Carbon Disulfide	2.514	76	1353	1.985	ug/l	96
20) Methylene Chloride	2.788	84	2559	Below Cal		94
25) 2-Butanone	4.599	43	704	0.570	ug/l #	51
31) Cyclohexane	5.544	56	2934	1.114	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	10976	5.124	ug/l #	50
37) Ethyl Acetate	4.739	43	1052	Below Cal	#	78
38) Carbon Tetrachloride	5.544	117	15031	6.630	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	47219	26.056	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	47219	79.082	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.591	180	718	1.909	ug/l	88
94) Hexachlorobutadiene	13.725	225	775	0.798	ug/l	99
95) Naphthalene	13.780	128	1840	3.366	ug/l #	91
96) 1,2,3-Trichlorobenzene	13.963	180	772	4.060	ug/l	92

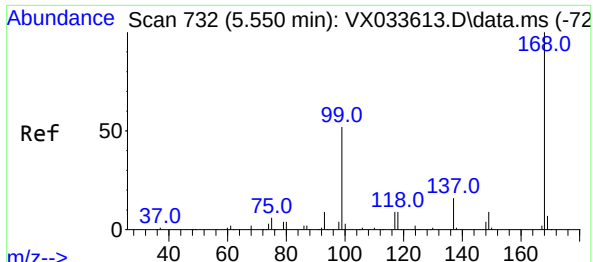
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBL01

Quant Time: Jan 11 00:32:16 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

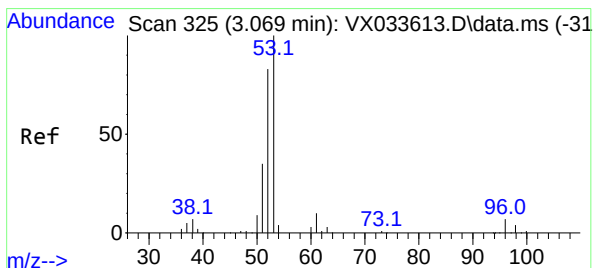
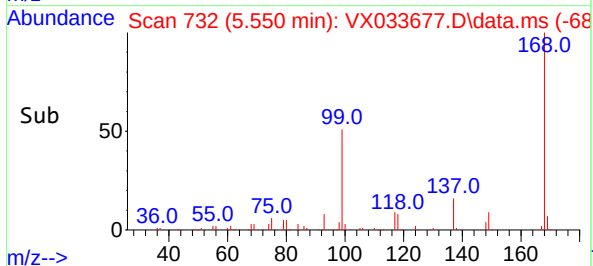
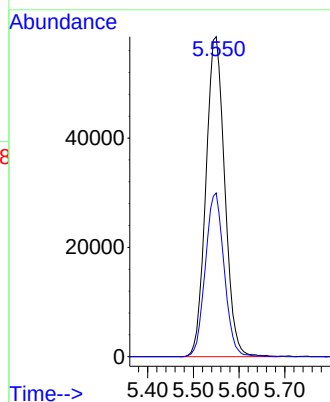
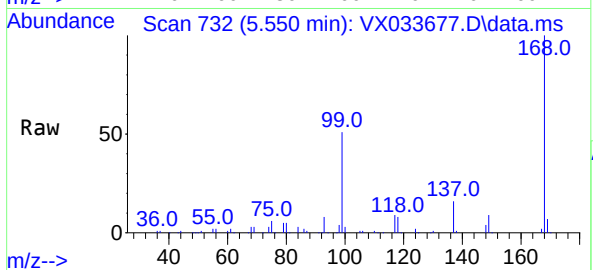




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033677.D
Acq: 10 Jan 2023 11:29

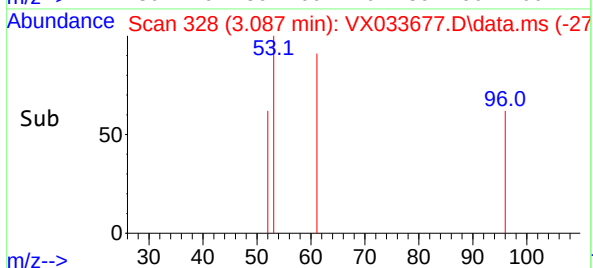
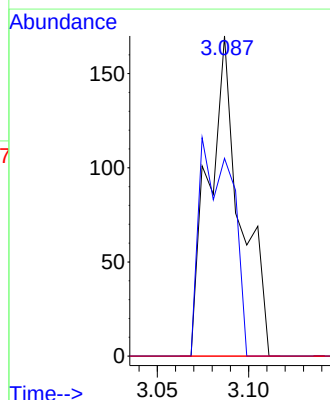
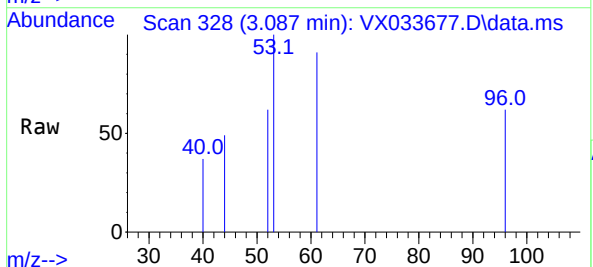
Instrument :
MSVOA_X
ClientSampleId :
VX0110MBL01

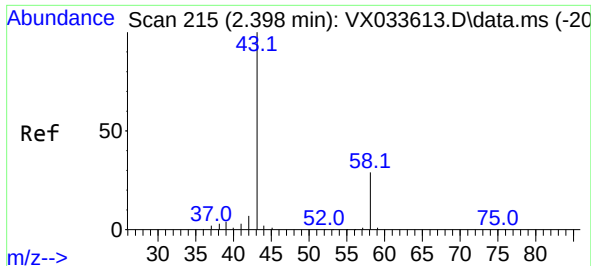
Tgt Ion:168 Resp: 167584
Ion Ratio Lower Upper
168 100
99 51.2 41.4 62.2



#15
Acrylonitrile
Concen: 0.244 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.018 min
Lab File: VX033677.D
Acq: 10 Jan 2023 11:29

Tgt Ion: 53 Resp: 205
Ion Ratio Lower Upper
53 100
52 69.8 66.7 100.1
51 0.0 29.8 44.8#

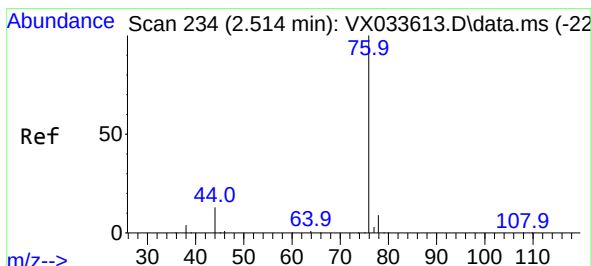
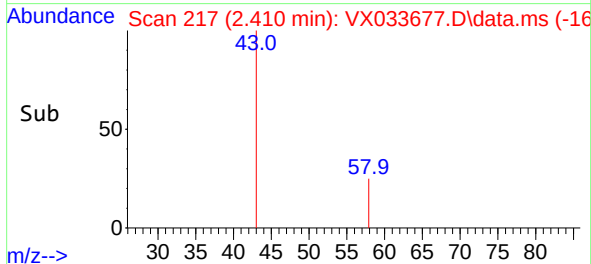
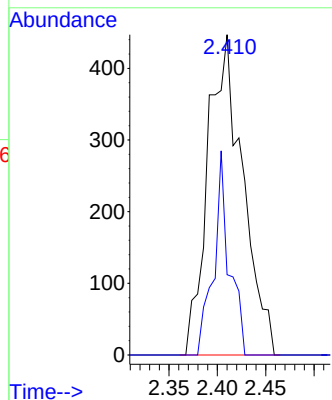
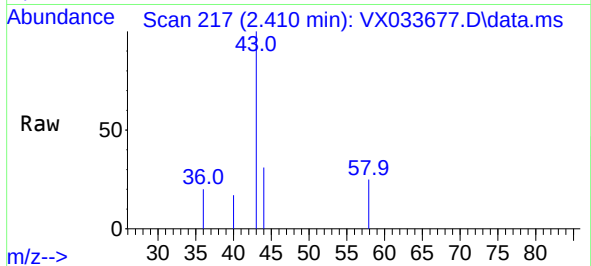




#16
Acetone
Concen: Below Cal
RT: 2.410 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX033677.D
Acq: 10 Jan 2023 11:29

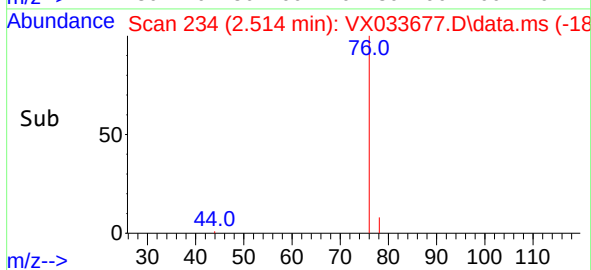
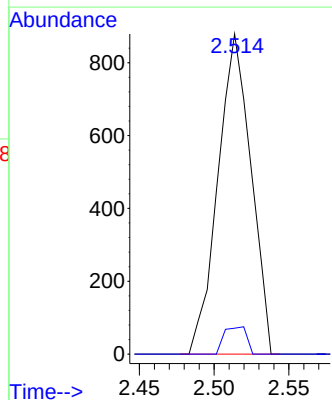
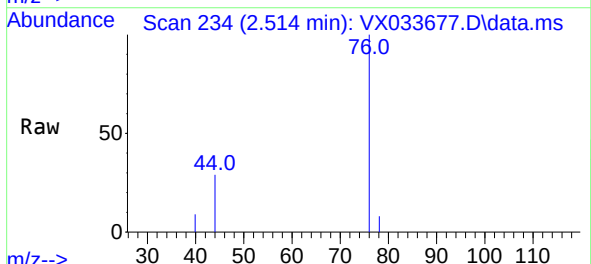
Instrument :
MSVOA_X
ClientSampleId :
VX0110MBL01

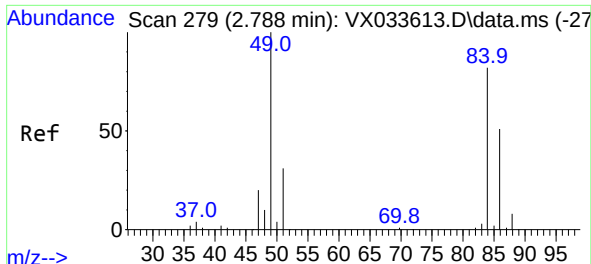
Tgt Ion: 43 Resp: 1124
Ion Ratio Lower Upper
43 100
58 25.1 22.9 34.3



#17
Carbon Disulfide
Concen: 1.985 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033677.D
Acq: 10 Jan 2023 11:29

Tgt Ion: 76 Resp: 1353
Ion Ratio Lower Upper
76 100
78 8.1 7.6 11.4

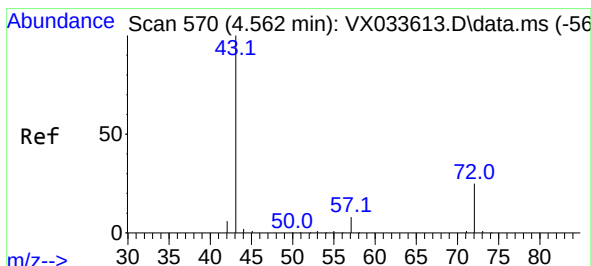
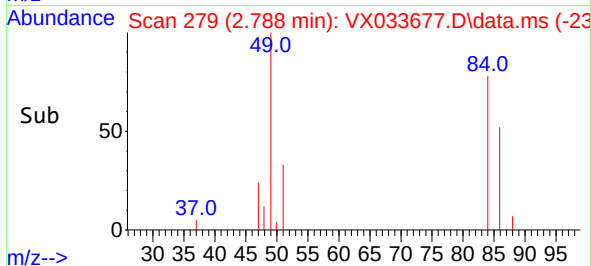
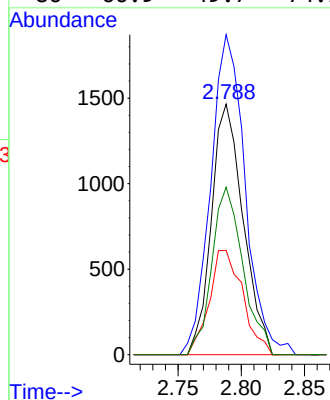
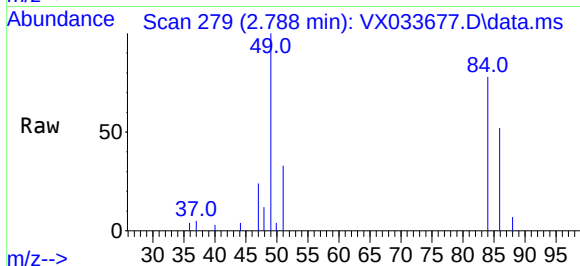




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033677.D
Acq: 10 Jan 2023 11:29

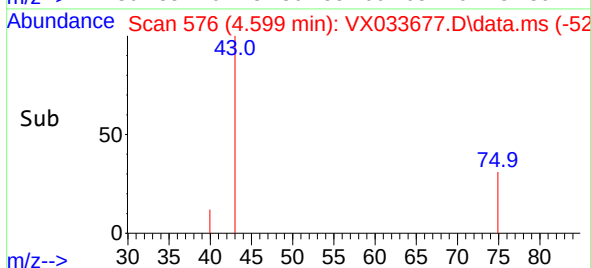
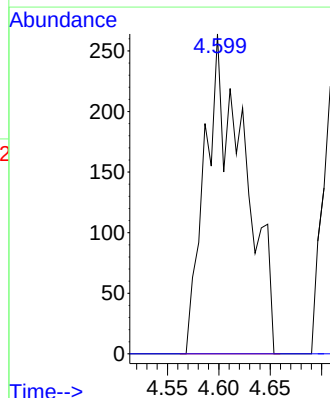
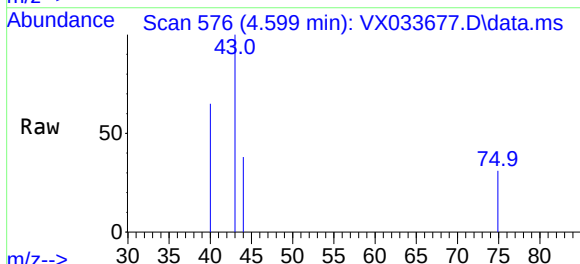
Instrument :
MSVOA_X
ClientSampleId :
VX0110MBL01

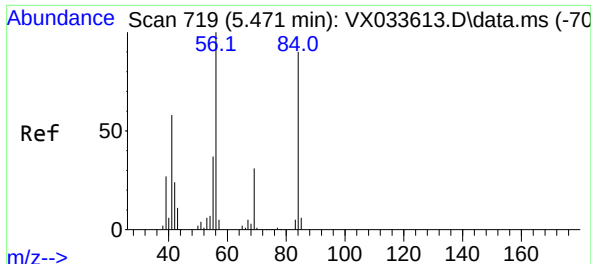
Tgt Ion:	84	Resp:	2559
Ion	Ratio	Lower	Upper
84	100		
49	127.7	97.6	146.4
51	41.6	30.4	45.6
86	66.9	49.7	74.5



#25
2-Butanone
Concen: 0.570 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.036 min
Lab File: VX033677.D
Acq: 10 Jan 2023 11:29

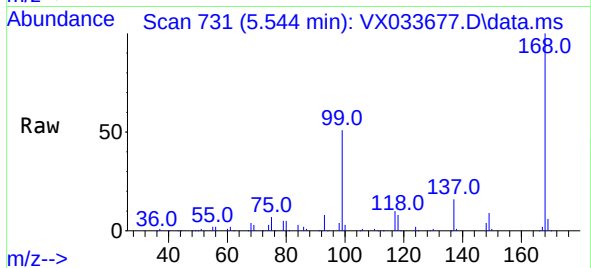
Tgt Ion:	43	Resp:	704
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.8	29.6#



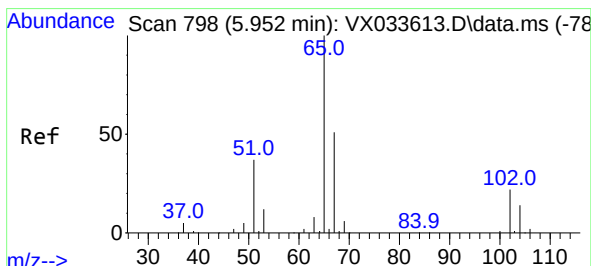
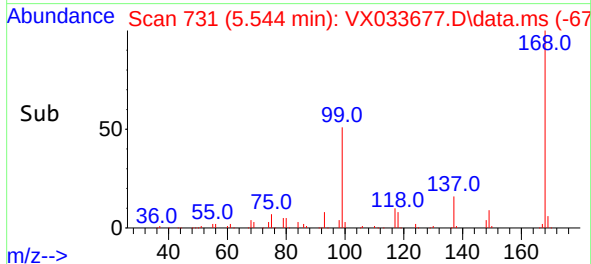
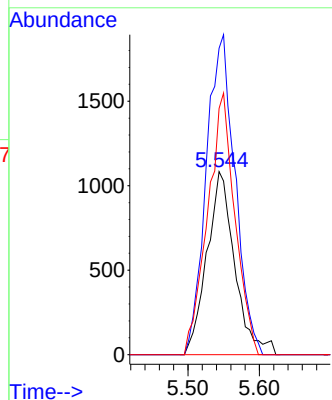


#31
Cyclohexane
Concen: 1.114 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX033677.D
Acq: 10 Jan 2023 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBL01

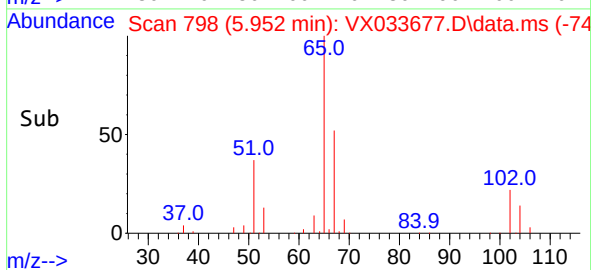
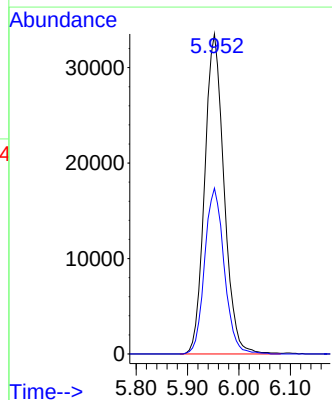
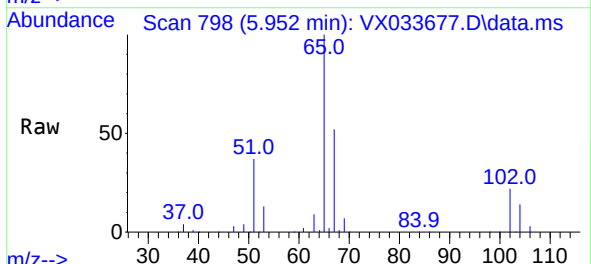


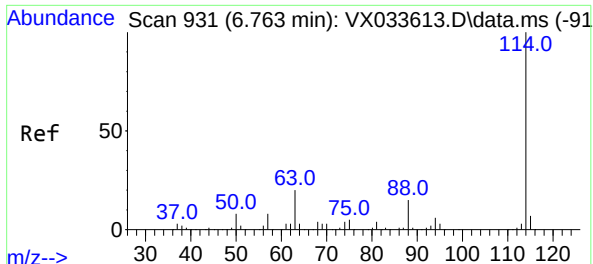
Tgt Ion: 56 Resp: 2934
Ion Ratio Lower Upper
56 100
69 167.5 24.6 36.8#
84 134.5 72.2 108.2#



#33
1,2-Dichloroethane-d4
Concen: 46.343 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX033677.D
Acq: 10 Jan 2023 11:29

Tgt Ion: 65 Resp: 87672
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.8

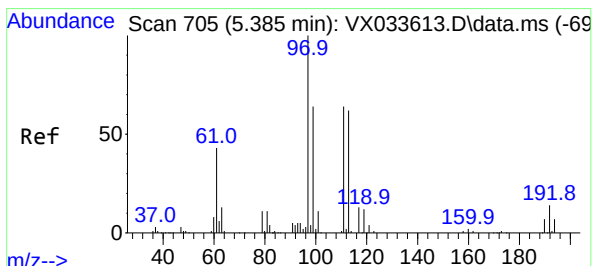
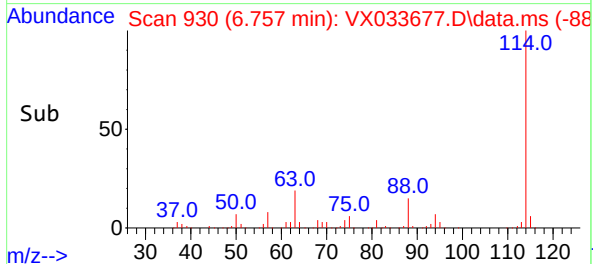
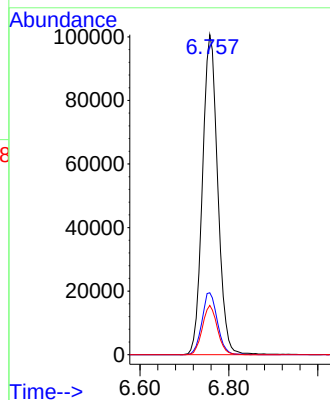
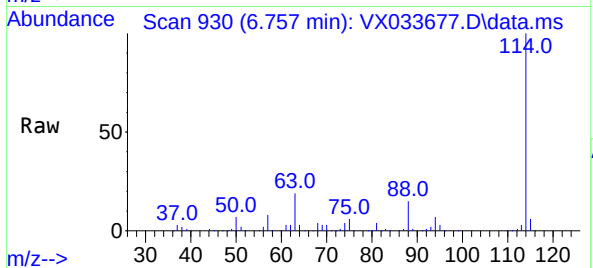




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX033677.D
Acq: 10 Jan 2023 11:29

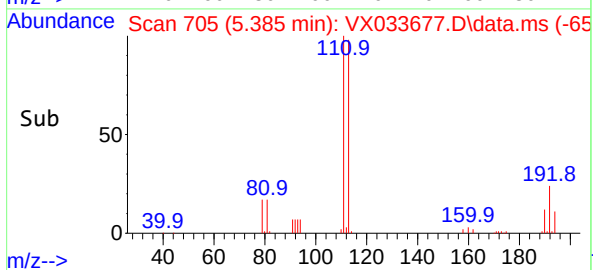
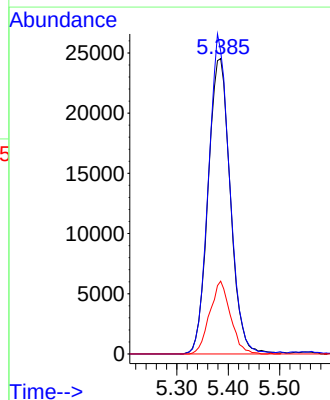
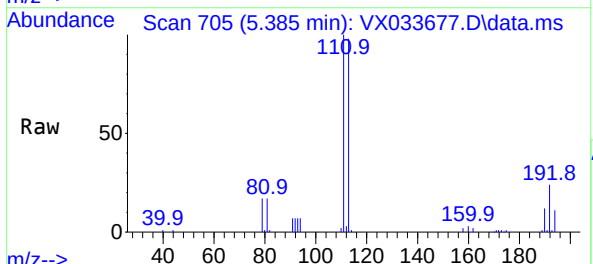
Instrument :
MSVOA_X
ClientSampleId :
VX0110MBL01

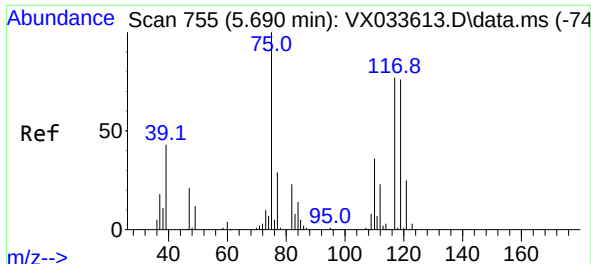
Tgt Ion:114 Resp: 240607
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.0
88 15.4 0.0 29.6



#35
Dibromofluoromethane
Concen: 46.522 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033677.D
Acq: 10 Jan 2023 11:29

Tgt Ion:113 Resp: 73573
Ion Ratio Lower Upper
113 100
111 102.9 81.2 121.8
192 23.0 18.2 27.2





#36

1,1-Dichloropropene

Concen: 5.124 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX033677.D

Acq: 10 Jan 2023 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBL01

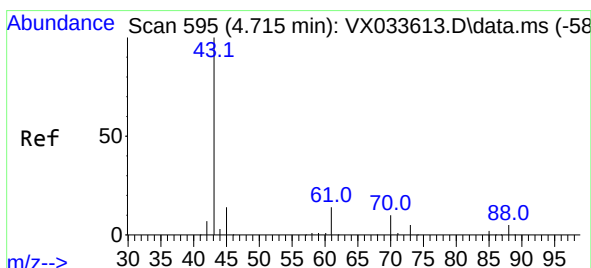
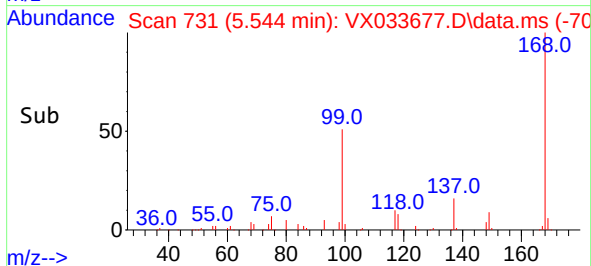
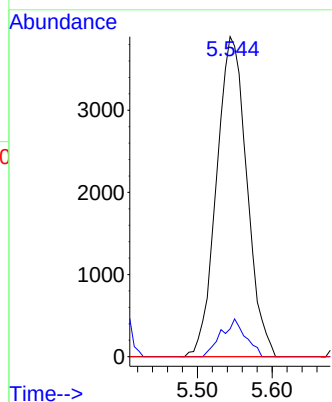
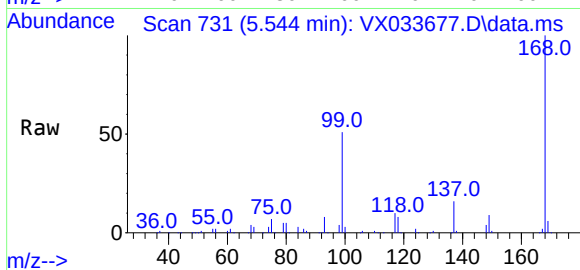
Tgt Ion: 75 Resp: 10976

Ion Ratio Lower Upper

75 100

110 9.5 18.0 54.0#

77 0.0 24.5 36.7#



#37

Ethyl Acetate

Concen: Below Cal

RT: 4.739 min Scan# 599

Delta R.T. 0.024 min

Lab File: VX033677.D

Acq: 10 Jan 2023 11:29

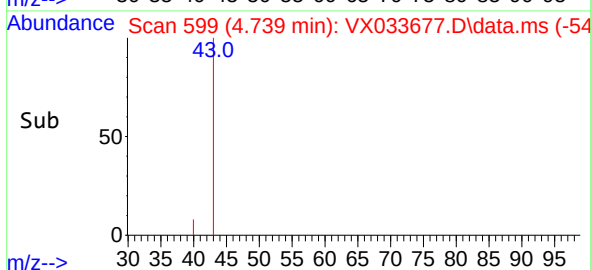
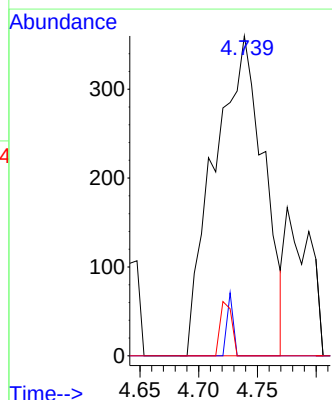
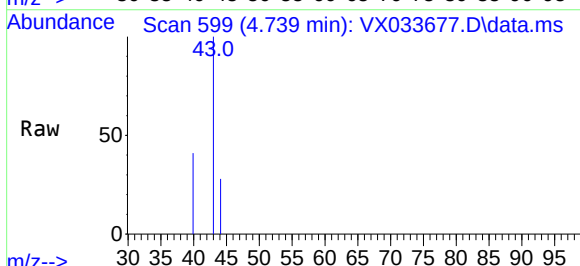
Tgt Ion: 43 Resp: 1052

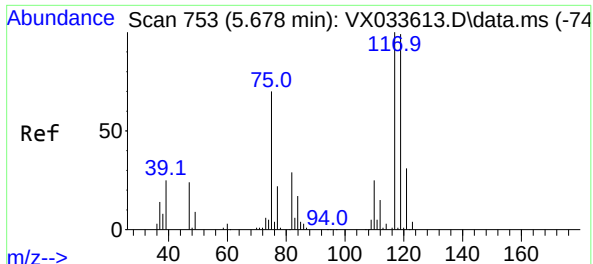
Ion Ratio Lower Upper

43 100

61 2.5 10.6 16.0#

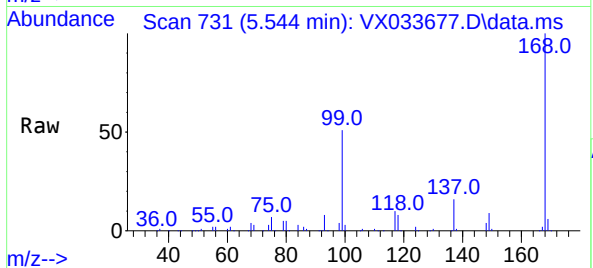
70 4.0 8.1 12.1#



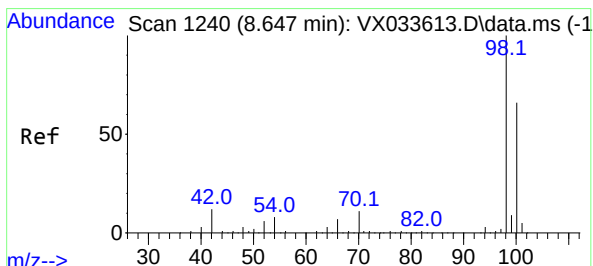
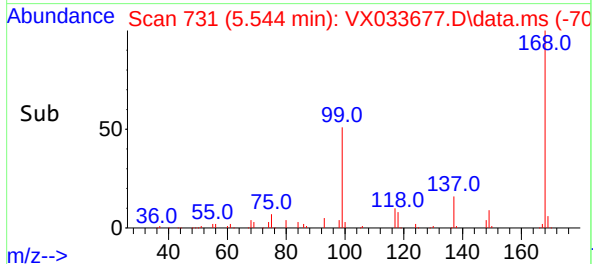
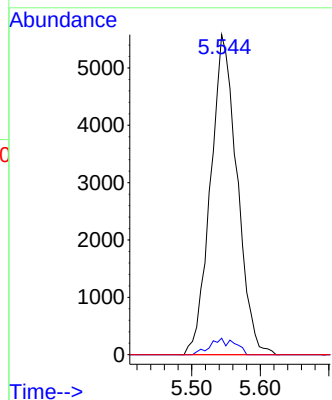


#38
Carbon Tetrachloride
Concen: 6.630 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX033677.D
Acq: 10 Jan 2023 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBL01

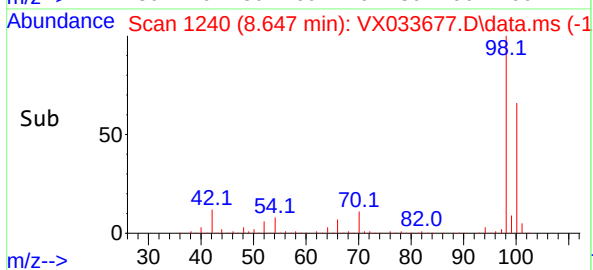
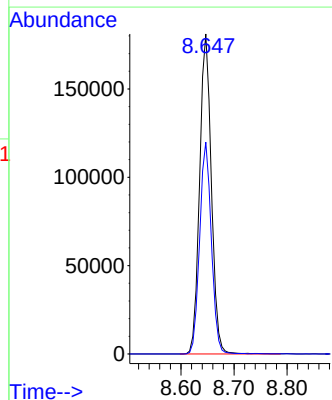
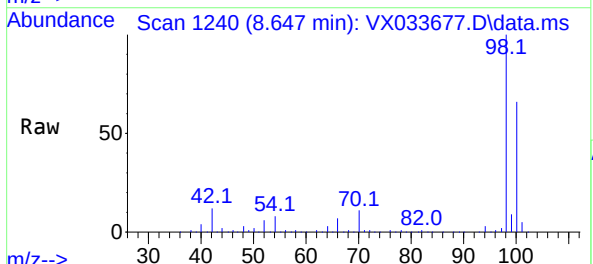


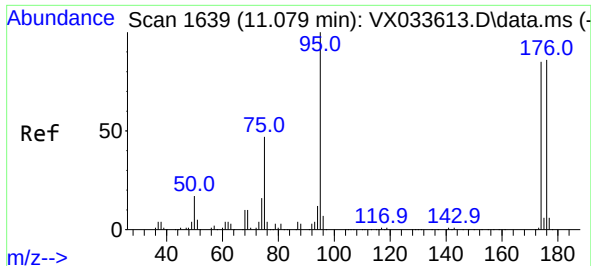
Tgt Ion:117 Resp: 15031
Ion Ratio Lower Upper
117 100
119 5.2 78.8 118.2#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 49.262 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033677.D
Acq: 10 Jan 2023 11:29

Tgt Ion: 98 Resp: 278460
Ion Ratio Lower Upper
98 100
100 66.0 53.6 80.4

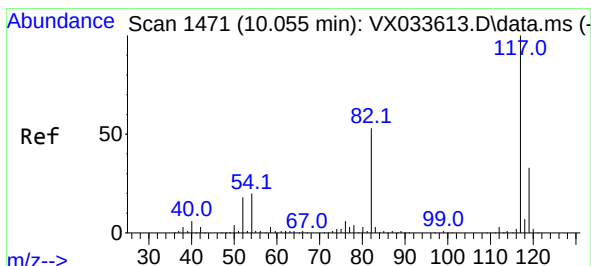
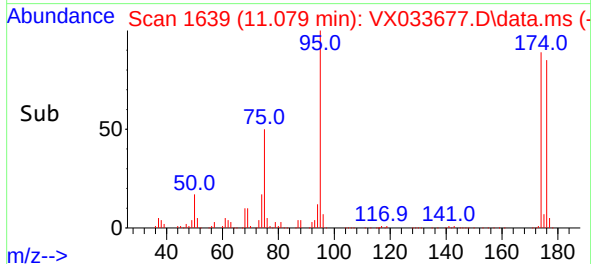
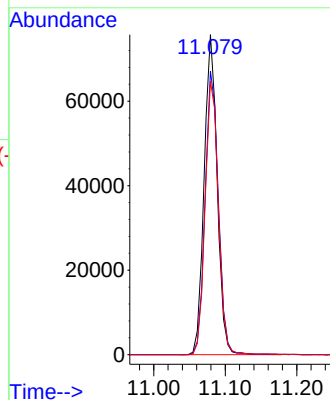
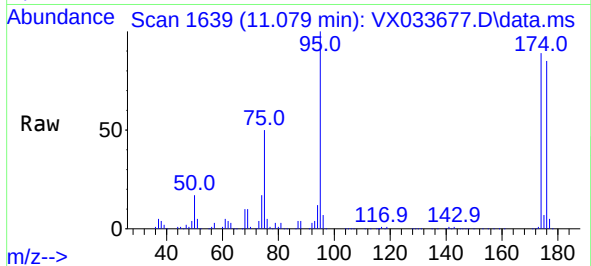




#62
4-Bromofluorobenzene
Concen: 47.954 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033677.D
Acq: 10 Jan 2023 11:29

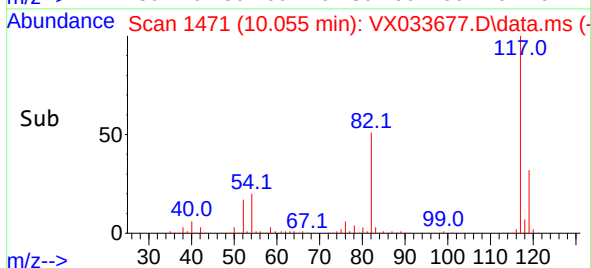
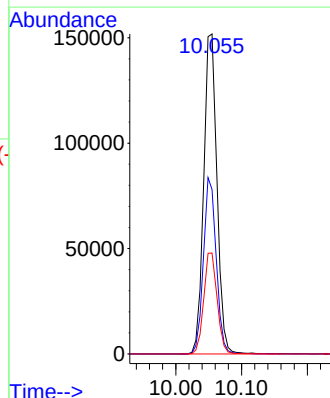
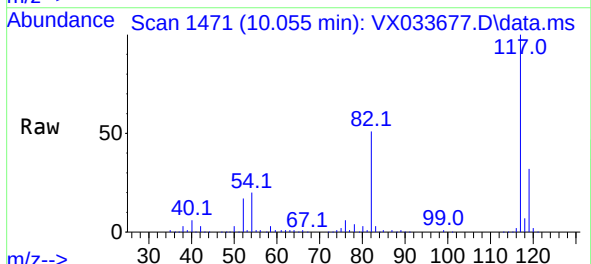
Instrument :
MSVOA_X
ClientSampleId :
VX0110MBL01

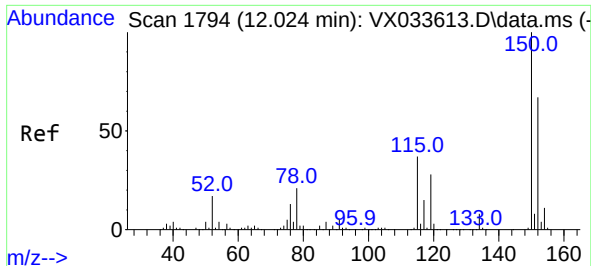
Tgt Ion: 95 Resp: 96082
Ion Ratio Lower Upper
95 100
174 90.2 0.0 180.4
176 86.8 0.0 176.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033677.D
Acq: 10 Jan 2023 11:29

Tgt Ion: 117 Resp: 213048
Ion Ratio Lower Upper
117 100
82 51.4 42.2 63.2
119 31.5 26.2 39.4

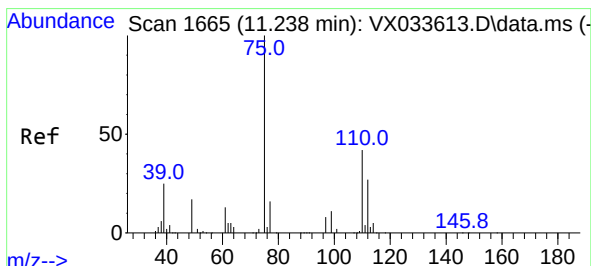
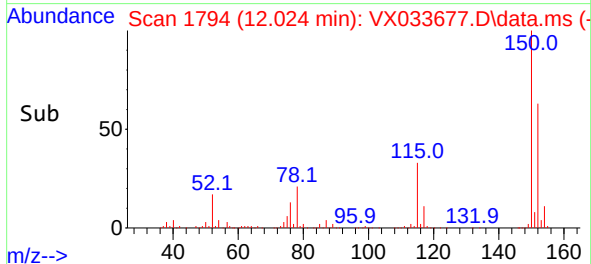
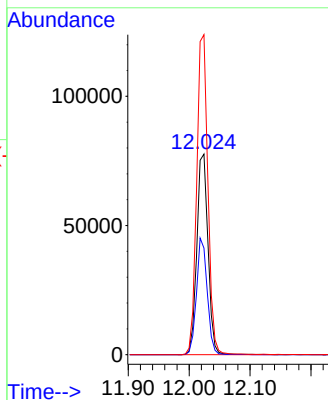
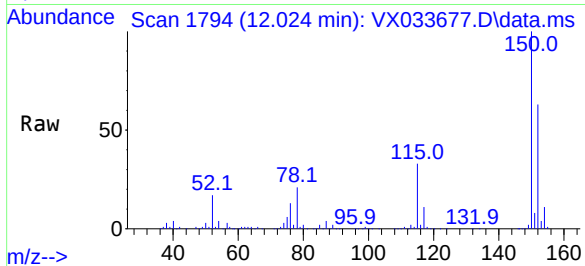




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033677.D
Acq: 10 Jan 2023 11:29

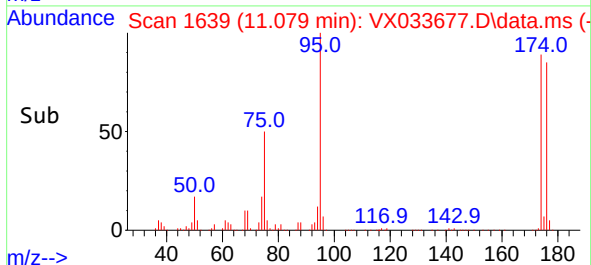
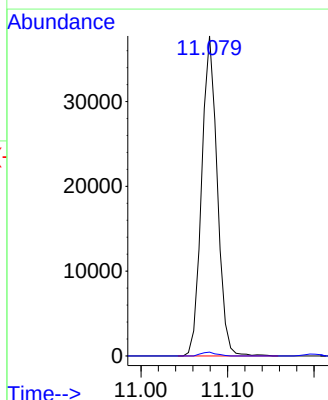
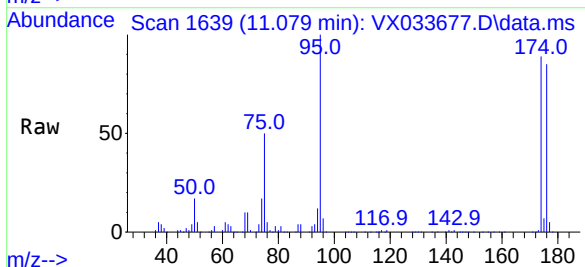
Instrument :
MSVOA_X
ClientSampleId :
VX0110MBL01

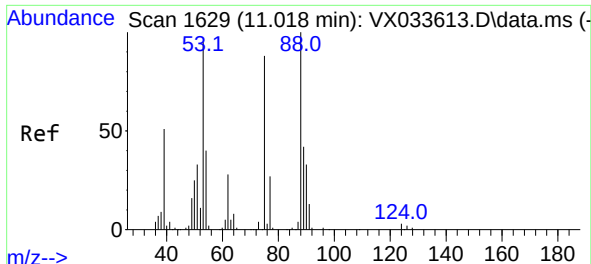
Tgt Ion:152 Resp: 98920
Ion Ratio Lower Upper
152 100
115 55.8 38.5 115.5
150 159.2 0.0 340.4



#76
1,2,3-Trichloropropane
Concen: 26.056 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033677.D
Acq: 10 Jan 2023 11:29

Tgt Ion: 75 Resp: 47219
Ion Ratio Lower Upper
75 100
77 1.2 21.3 63.9#

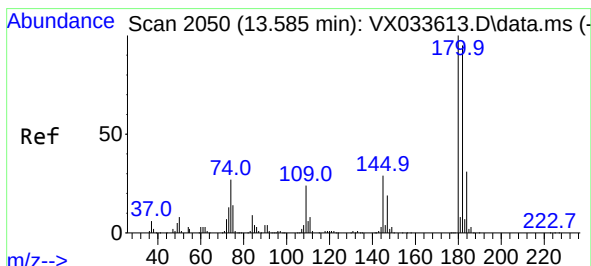
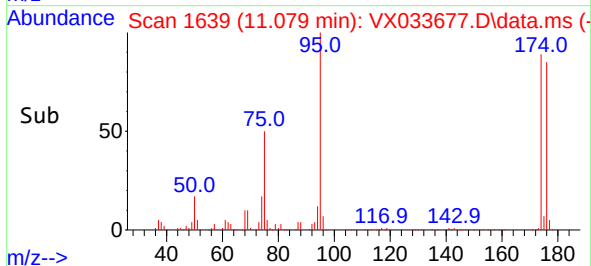
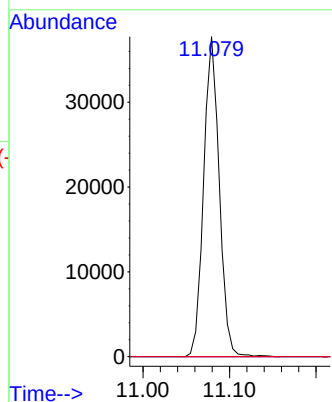
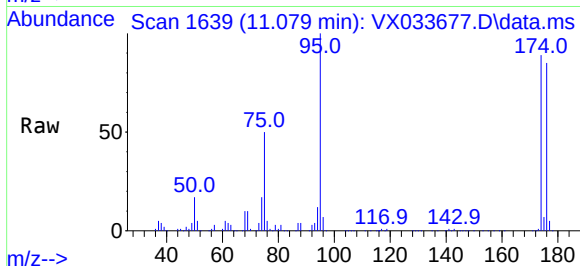




#81
trans-1,4-Dichloro-2-butene
Concen: 79.082 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033677.D
Acq: 10 Jan 2023 11:29

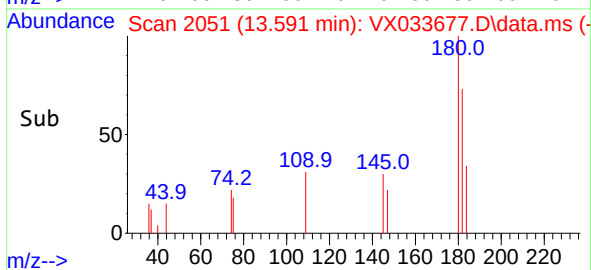
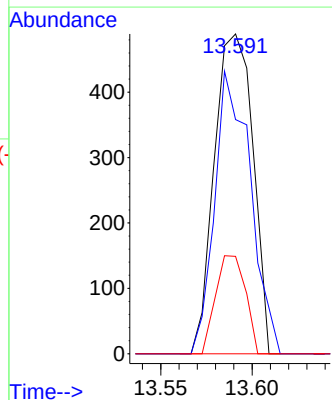
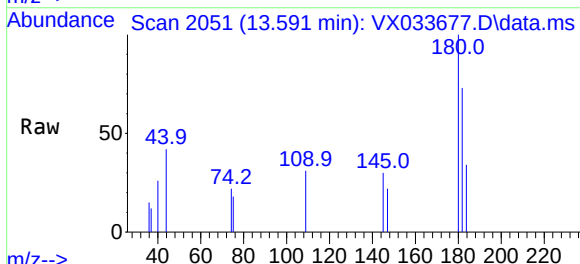
Instrument :
MSVOA_X
ClientSampleId :
VX0110MBL01

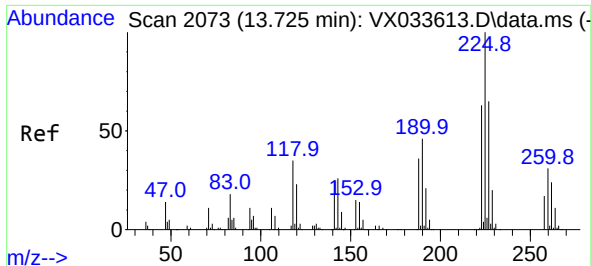
Tgt Ion: 75 Resp: 47219
Ion Ratio Lower Upper
75 100
53 0.0 86.4 129.6#
89 0.0 37.4 56.2#



#93
1,2,4-Trichlorobenzene
Concen: 1.909 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX033677.D
Acq: 10 Jan 2023 11:29

Tgt Ion: 180 Resp: 718
Ion Ratio Lower Upper
180 100
182 81.8 47.4 142.2
145 23.7 14.1 42.2

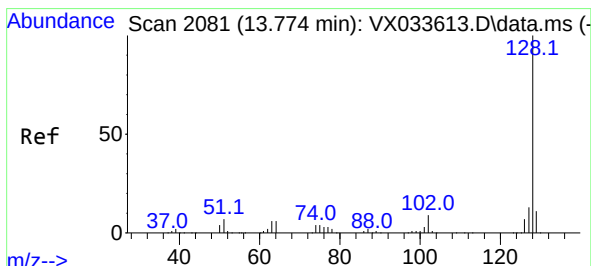
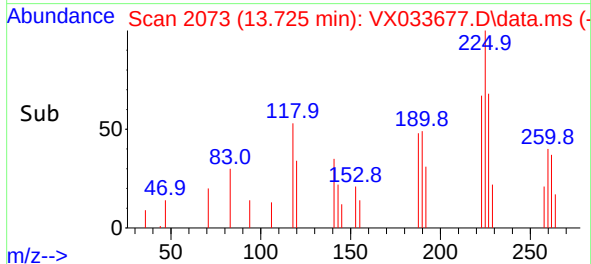
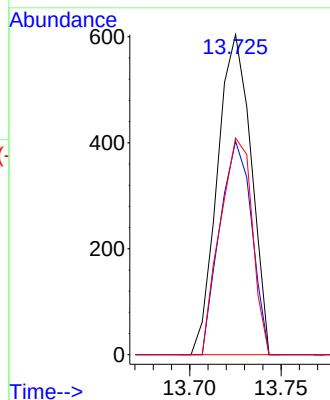
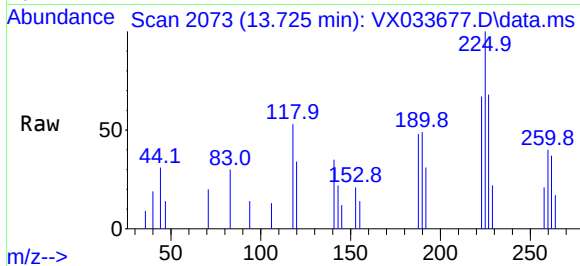




#94
Hexachlorobutadiene
Concen: 0.798 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033677.D
Acq: 10 Jan 2023 11:29

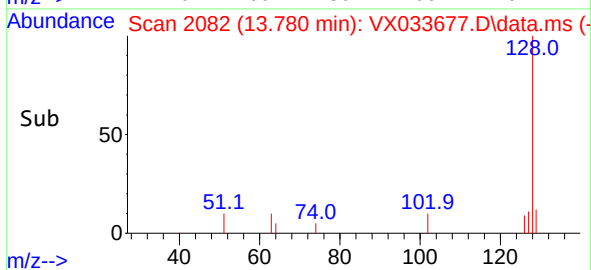
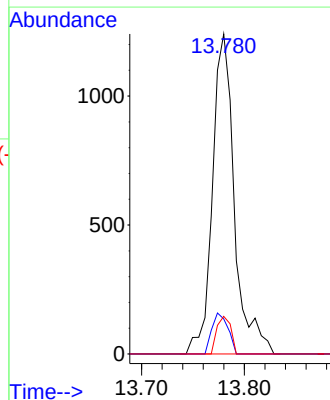
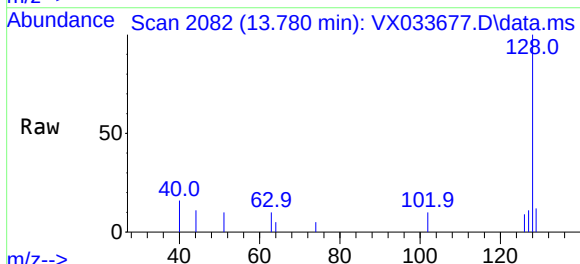
Instrument :
MSVOA_X
ClientSampleId :
VX0110MBL01

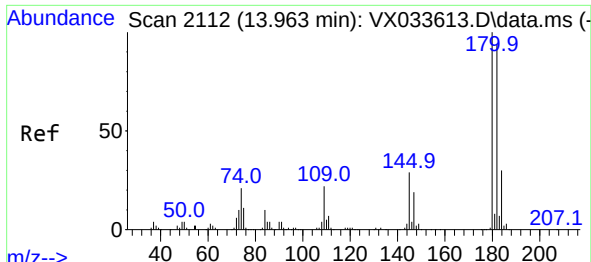
Tgt Ion:225 Resp: 775
Ion Ratio Lower Upper
225 100
223 63.1 31.4 94.3
227 64.4 31.9 95.5



#95
Naphthalene
Concen: 3.366 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX033677.D
Acq: 10 Jan 2023 11:29

Tgt Ion:128 Resp: 1840
Ion Ratio Lower Upper
128 100
127 9.3 10.3 15.5#
129 7.4 9.0 13.4#





#96

1,2,3-Trichlorobenzene

Concen: 4.060 ug/l

RT: 13.963 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX033677.D

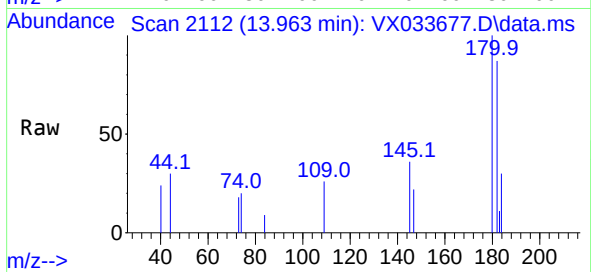
Acq: 10 Jan 2023 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBL01



Tgt Ion:180 Resp: 772

Ion Ratio Lower Upper

180 100

182 102.8 47.2 141.6

145 25.9 15.0 45.0

