

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051623\
 Data File : VX035681.D
 Acq On : 16 May 2023 10:57
 Operator : JC/MD
 Sample : VX0516WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBL01

Quant Time: May 17 05:25:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

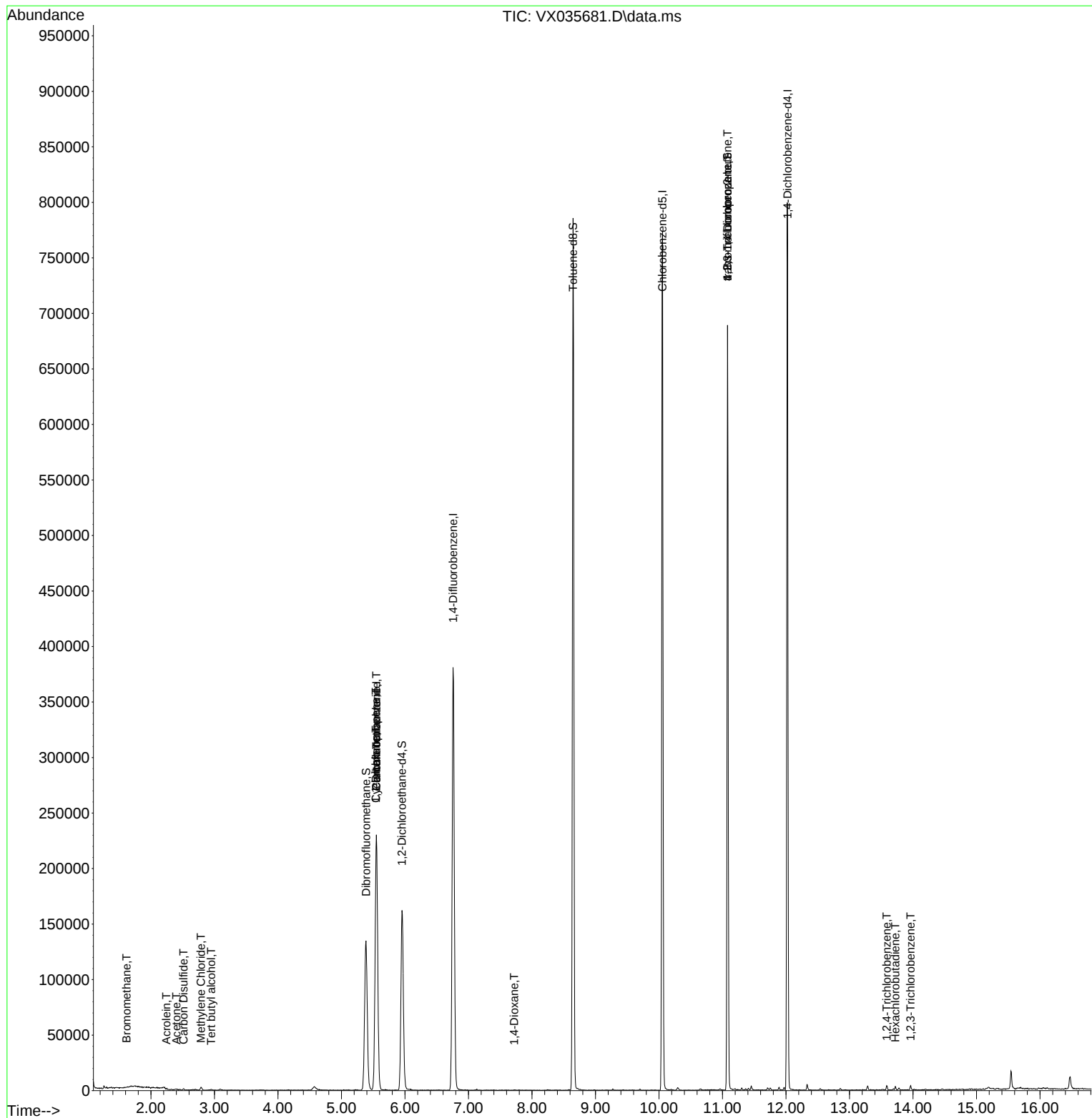
Internal Standards						
1) Pentafluorobenzene	5.550	168	196201	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	361152	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	333523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	163477	47.761	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.520%
35) Dibromofluoromethane	5.385	113	118000	48.448	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.900%
50) Toluene-d8	8.647	98	433749	48.207	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.420%
62) 4-Bromofluorobenzene	11.079	95	181924	50.216	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.440%
Target Compounds						
						Qvalue
5) Bromomethane	1.618	94	321	0.225	ug/l	# 64
11) Tert butyl alcohol	2.947	59	418	0.692	ug/l	# 73
13) Acrolein	2.240	56	215	0.300	ug/l	97
16) Acetone	2.398	43	1160	0.789	ug/l	# 75
17) Carbon Disulfide	2.514	76	1333	0.253	ug/l	# 75
20) Methylene Chloride	2.788	84	1105	0.414	ug/l	# 79
31) Cyclohexane	5.544	56	5584	1.291	ug/l	# 21
36) 1,1-Dichloropropene	5.544	75	19141	4.979	ug/l	# 47
38) Carbon Tetrachloride	5.550	117	22825	6.267	ug/l	# 15
49) 1,4-Dioxane	7.720	88	128	3.672	ug/l	# 40
76) 1,2,3-Trichloropropane	11.079	75	99825	26.705	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	99825	86.066	ug/l	# 8
93) 1,2,4-Trichlorobenzene	13.585	180	1061	0.324	ug/l	95
94) Hexachlorobutadiene	13.719	225	537	0.413	ug/l	82
96) 1,2,3-Trichlorobenzene	13.963	180	924	0.287	ug/l	95

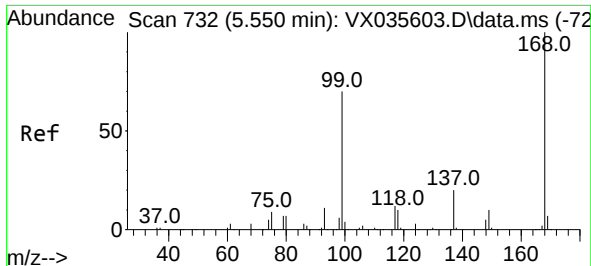
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051623\
Data File : VX035681.D
Acq On : 16 May 2023 10:57
Operator : JC/MD
Sample : VX0516WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0516WBL01

Quant Time: May 17 05:25:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

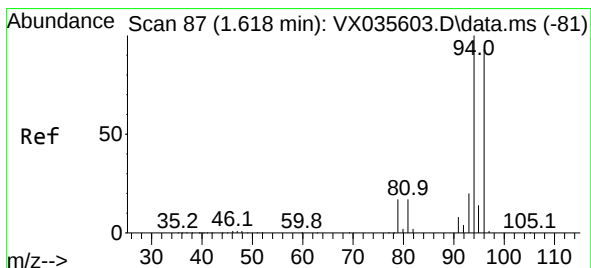
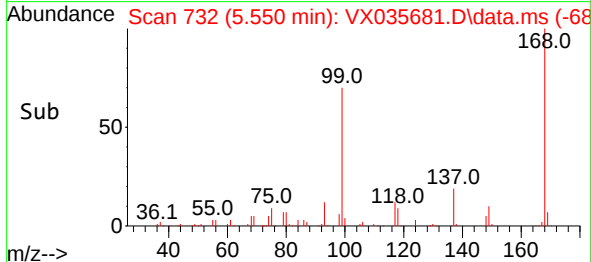
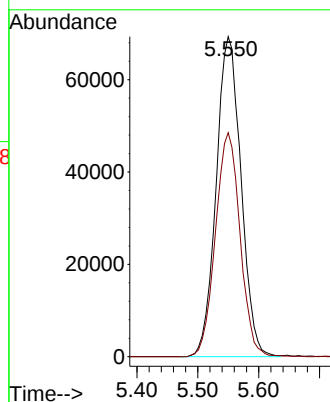
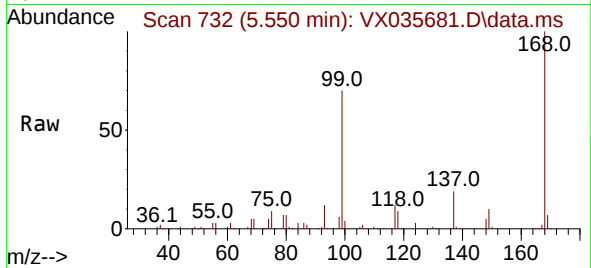




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035681.D
Acq: 16 May 2023 10:57

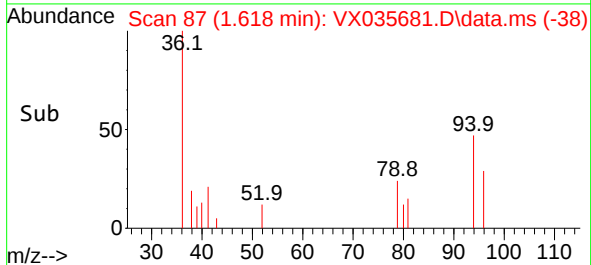
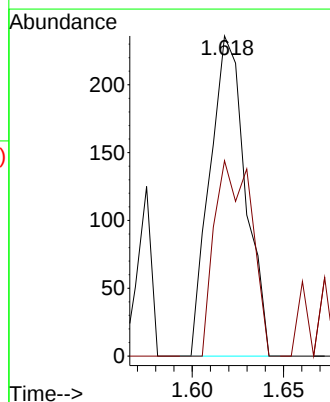
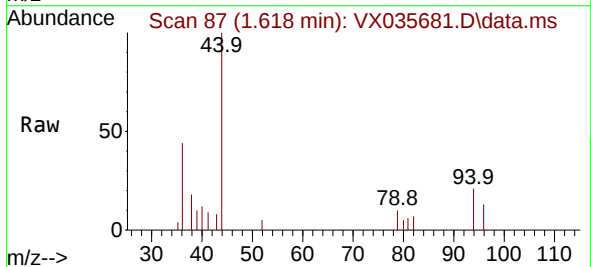
Instrument :
MSVOA_X
ClientSampleId :
VX0516WBL01

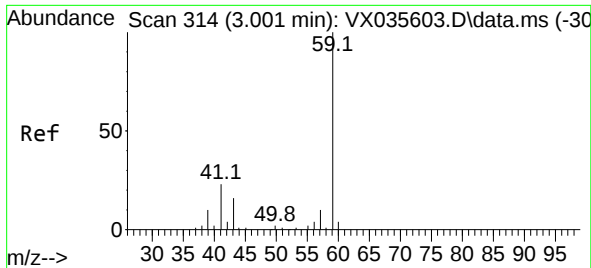
Tgt Ion:168 Resp: 196201
Ion Ratio Lower Upper
168 100
99 70.0 45.7 68.5#



#5
Bromomethane
Concen: 0.225 ug/l
RT: 1.618 min Scan# 87
Delta R.T. -0.000 min
Lab File: VX035681.D
Acq: 16 May 2023 10:57

Tgt Ion: 94 Resp: 321
Ion Ratio Lower Upper
94 100
96 61.0 77.0 115.6#

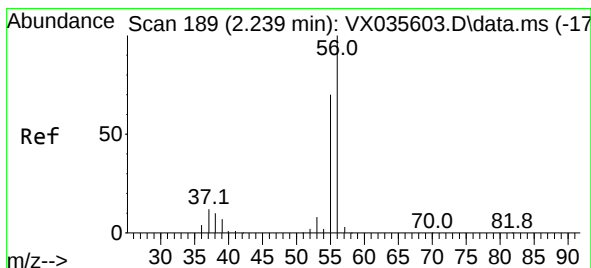
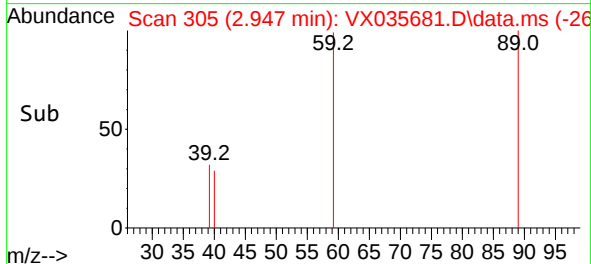
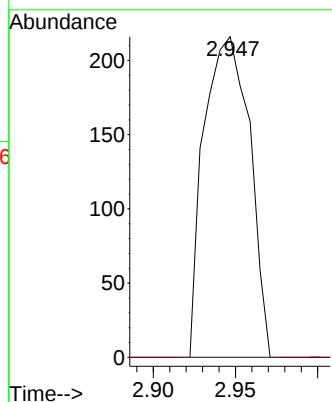
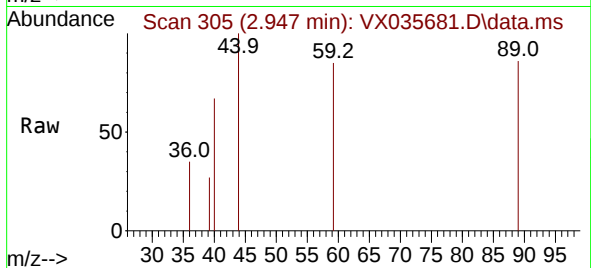




#11
Tert butyl alcohol
Concen: 0.692 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.054 min
Lab File: VX035681.D
Acq: 16 May 2023 10:57

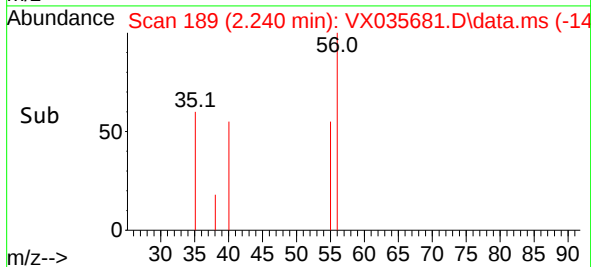
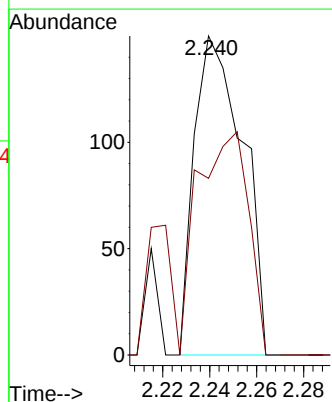
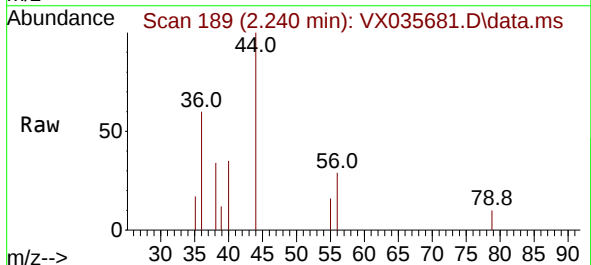
Instrument :
MSVOA_X
ClientSampleId :
VX0516WBL01

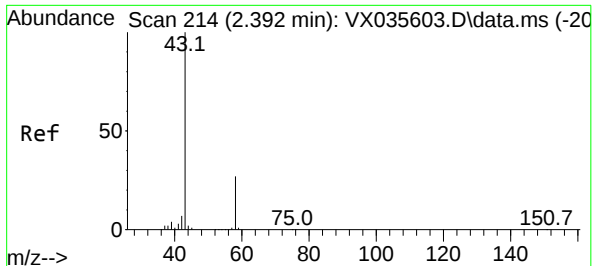
Tgt Ion: 59 Resp: 418
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#13
Acrolein
Concen: 0.300 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.001 min
Lab File: VX035681.D
Acq: 16 May 2023 10:57

Tgt Ion: 56 Resp: 215
Ion Ratio Lower Upper
56 100
55 73.5 56.6 85.0

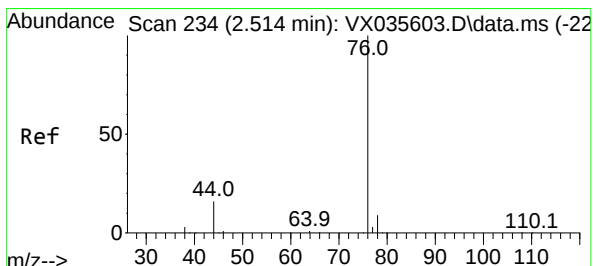
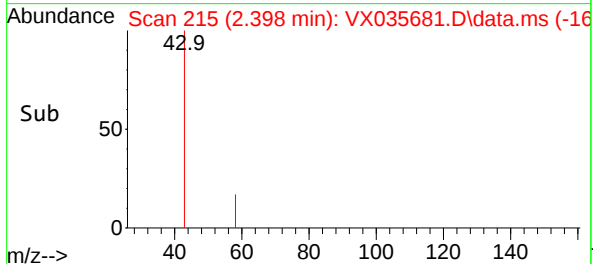
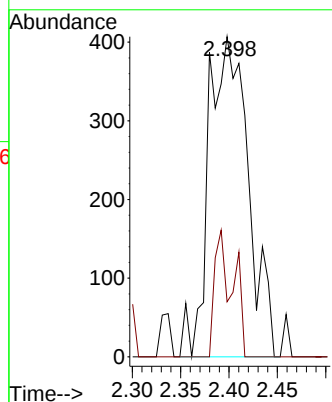
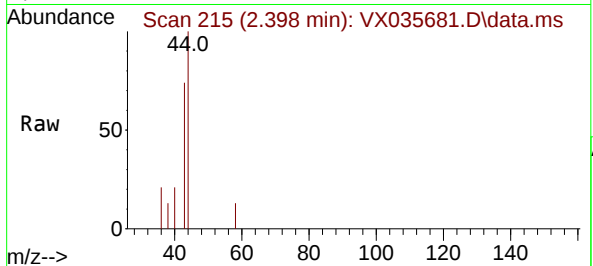




#16
Acetone
Concen: 0.789 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX035681.D
Acq: 16 May 2023 10:57

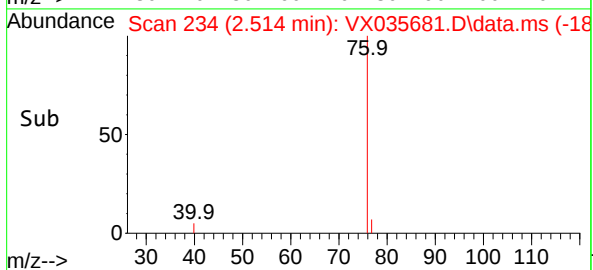
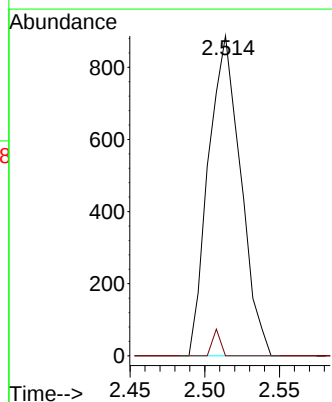
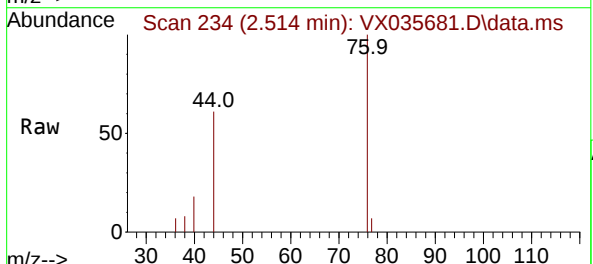
Instrument :
MSVOA_X
ClientSampleId :
VX0516WBL01

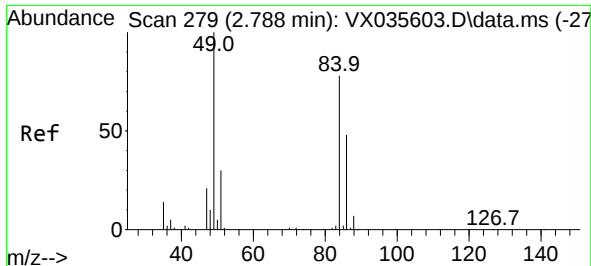
Tgt Ion: 43 Resp: 1160
Ion Ratio Lower Upper
43 100
58 17.2 24.7 37.1#



#17
Carbon Disulfide
Concen: 0.253 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX035681.D
Acq: 16 May 2023 10:57

Tgt Ion: 76 Resp: 1333
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

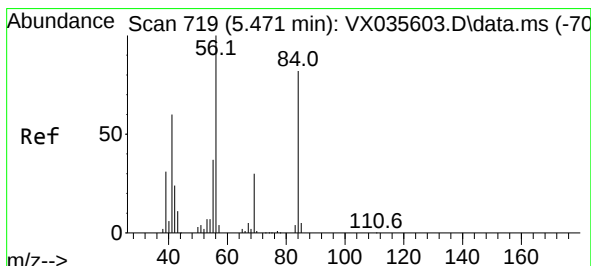
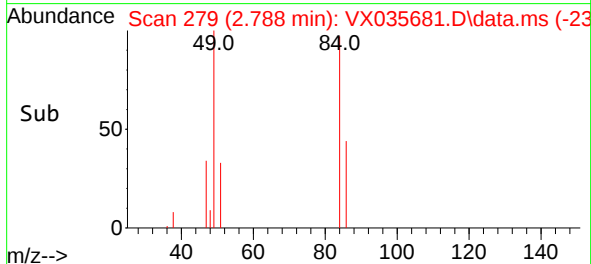
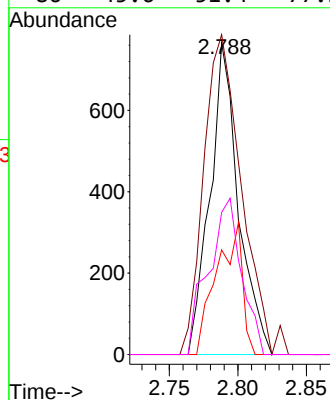
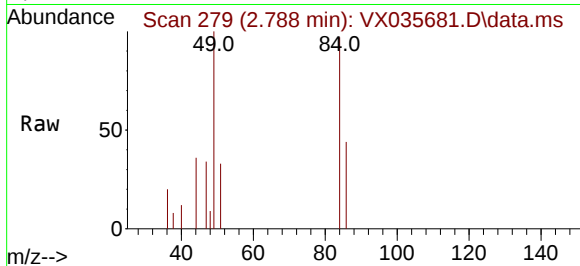




#20
Methylene Chloride
Concen: 0.414 ug/l
RT: 2.788 min Scan# 210
Delta R.T. 0.000 min
Lab File: VX035681.D
Acq: 16 May 2023 10:57

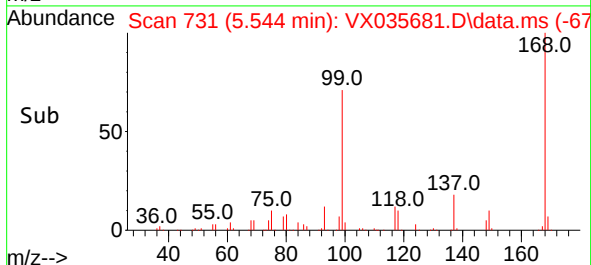
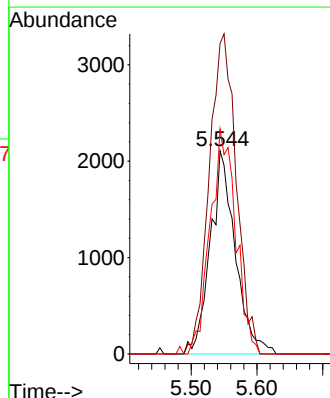
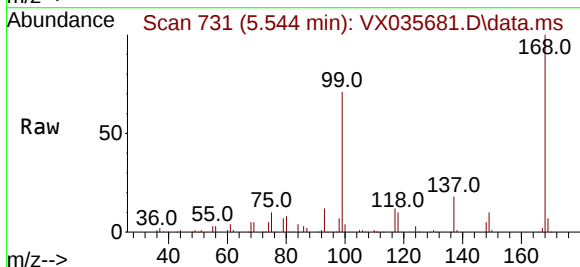
Instrument :
MSVOA_X
ClientSampleId :
VX0516WBL01

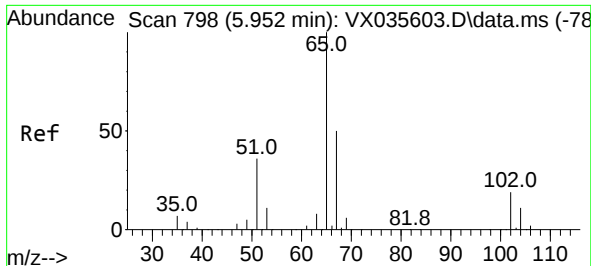
Tgt Ion:	84	Resp:	1105
Ion	Ratio	Lower	Upper
84	100		
49	102.6	103.8	155.8#
51	33.6	31.8	47.8
86	45.6	51.4	77.2#



#31
Cyclohexane
Concen: 1.291 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX035681.D
Acq: 16 May 2023 10:57

Tgt Ion:	56	Resp:	5584
Ion	Ratio	Lower	Upper
56	100		
69	152.7	23.7	35.5#
84	110.5	68.5	102.7#

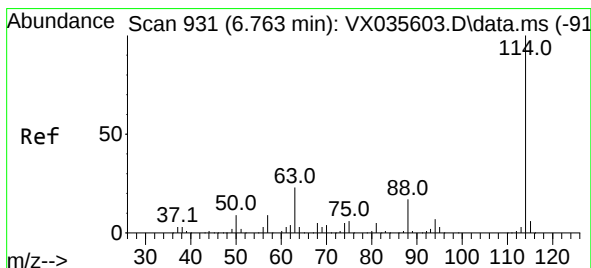
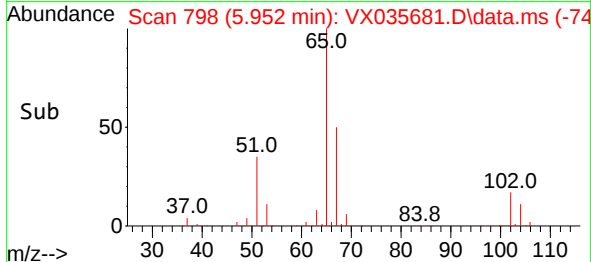
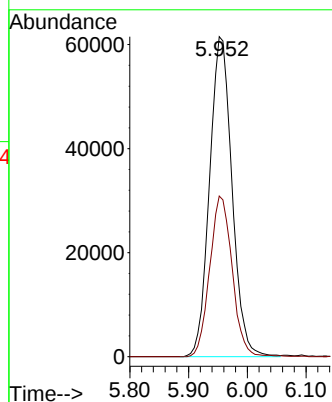
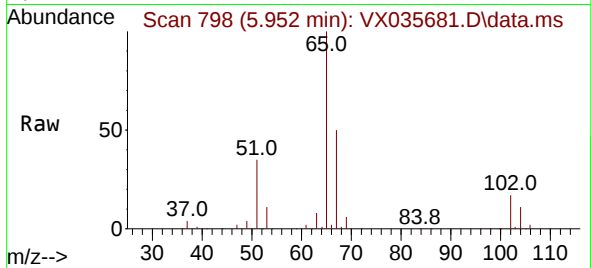




#33
 1,2-Dichloroethane-d4
 Concen: 47.761 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX035681.D
 Acq: 16 May 2023 10:57

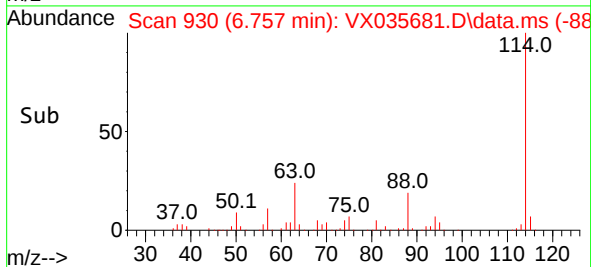
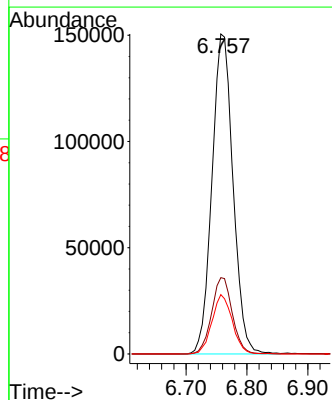
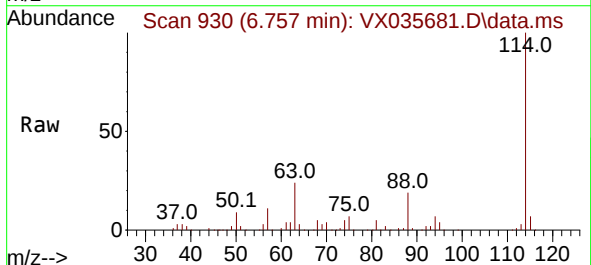
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBL01

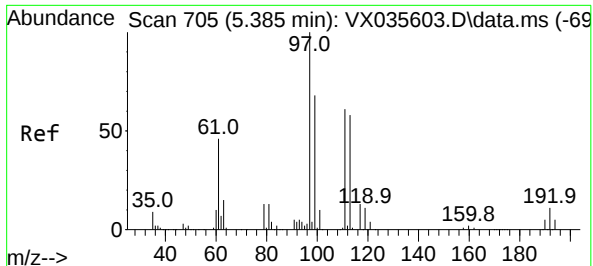
Tgt Ion: 65 Resp: 163477
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX035681.D
 Acq: 16 May 2023 10:57

Tgt Ion: 114 Resp: 361152
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 42.2
 88 18.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.448 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035681.D

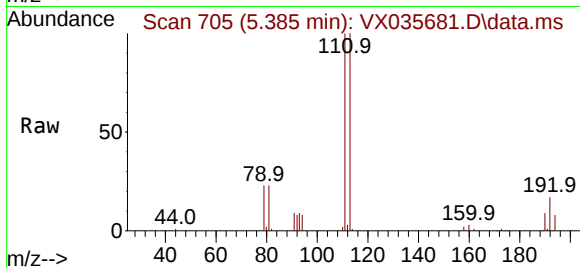
Acq: 16 May 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBL01



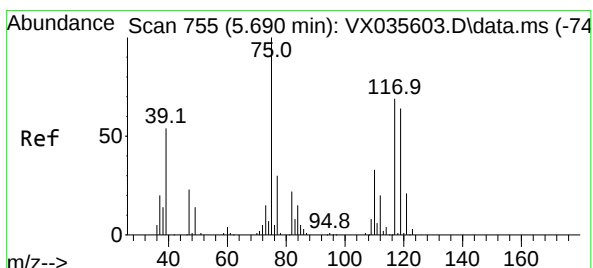
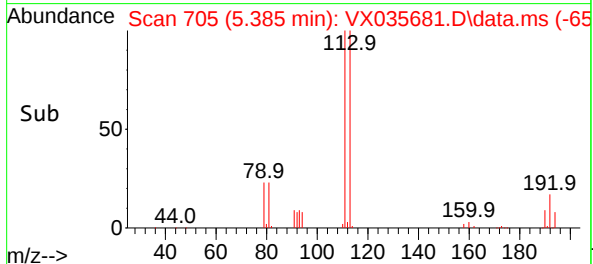
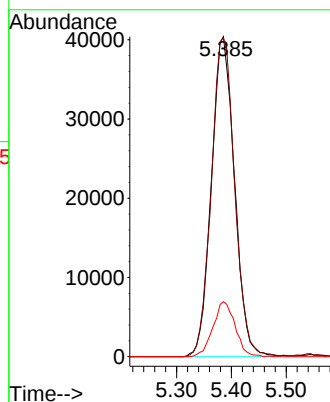
Tgt Ion:113 Resp: 118000

Ion Ratio Lower Upper

113 100

111 101.1 83.7 125.5

192 16.5 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.979 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX035681.D

Acq: 16 May 2023 10:57

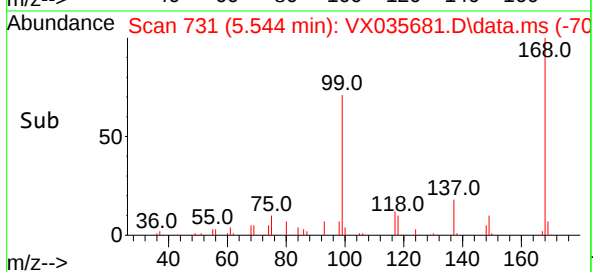
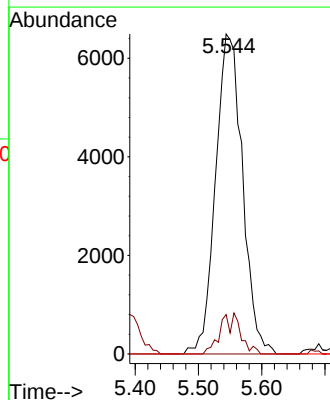
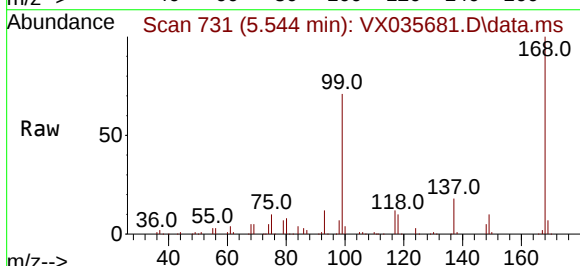
Tgt Ion: 75 Resp: 19141

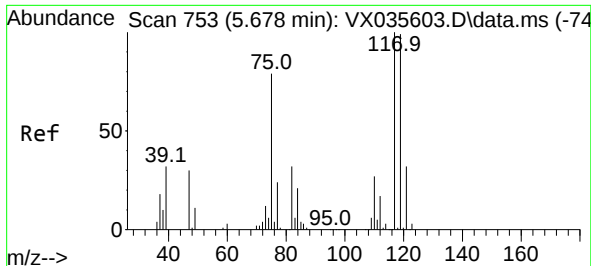
Ion Ratio Lower Upper

75 100

110 5.1 17.5 52.5#

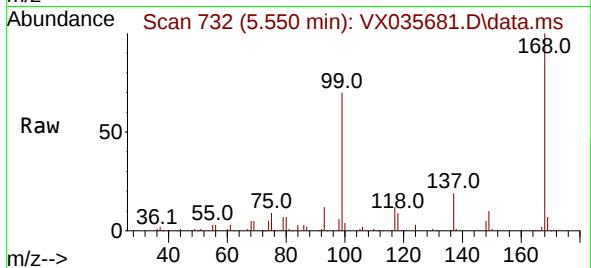
77 0.0 24.3 36.5#



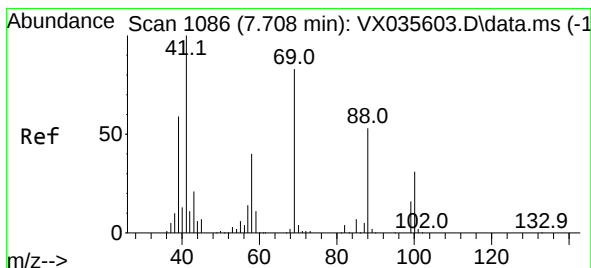
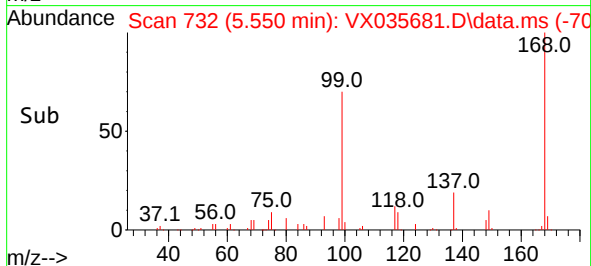
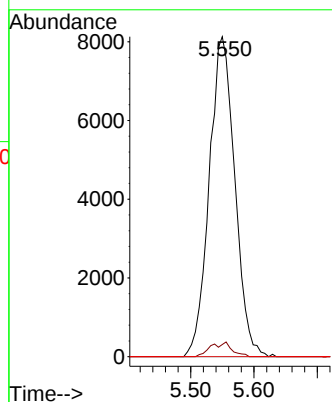


#38
Carbon Tetrachloride
Concen: 6.267 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035681.D
Acq: 16 May 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :
VX0516WBL01

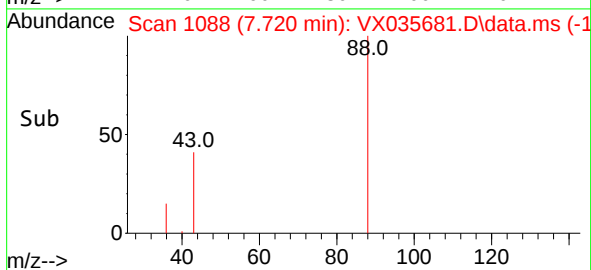
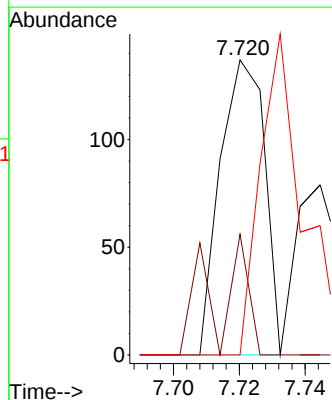
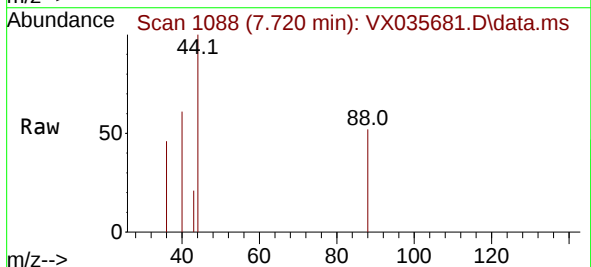


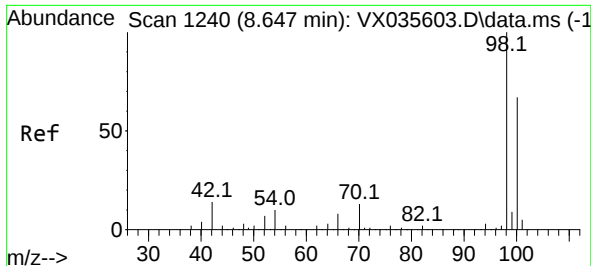
Tgt Ion:117 Resp: 22825
Ion Ratio Lower Upper
117 100
119 3.8 76.6 114.8#
121 0.0 23.8 35.6#



#49
1,4-Dioxane
Concen: 3.672 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.012 min
Lab File: VX035681.D
Acq: 16 May 2023 10:57

Tgt Ion: 88 Resp: 128
Ion Ratio Lower Upper
88 100
43 31.3 27.7 41.5
58 0.0 56.8 85.2#

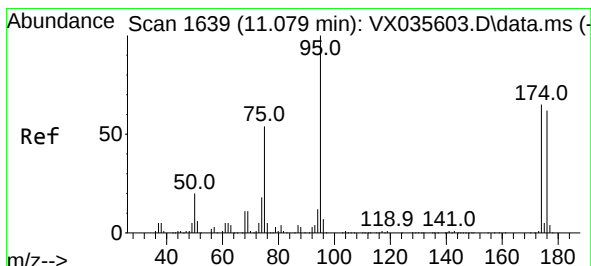
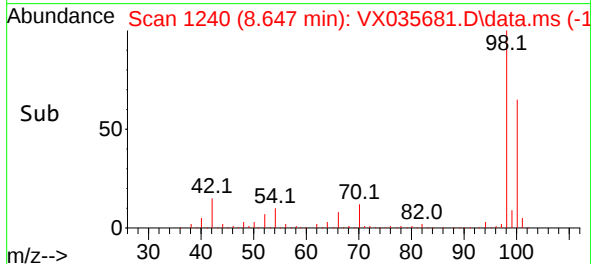
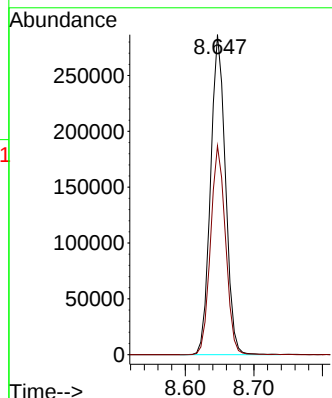
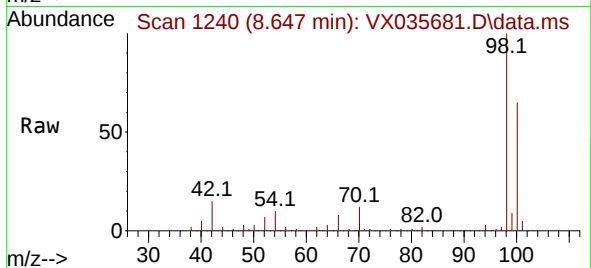




#50
Toluene-d8
Concen: 48.207 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035681.D
Acq: 16 May 2023 10:57

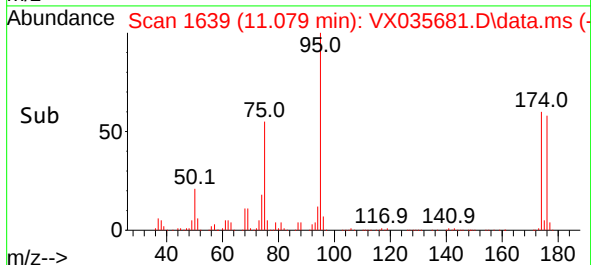
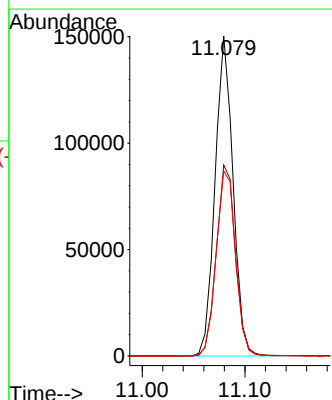
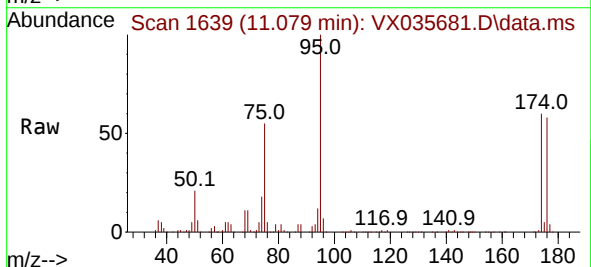
Instrument :
MSVOA_X
ClientSampleId :
VX0516WBL01

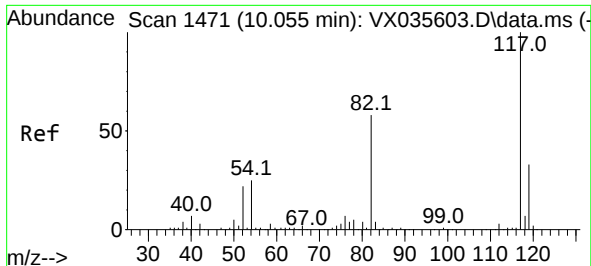
Tgt Ion: 98 Resp: 433749
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 50.216 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035681.D
Acq: 16 May 2023 10:57

Tgt Ion: 95 Resp: 181924
Ion Ratio Lower Upper
95 100
174 63.5 0.0 147.4
176 62.1 0.0 140.6

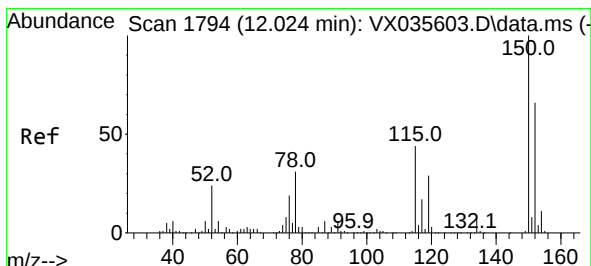
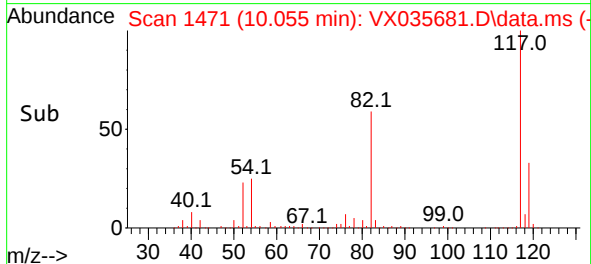
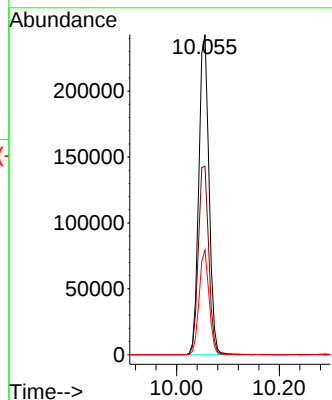
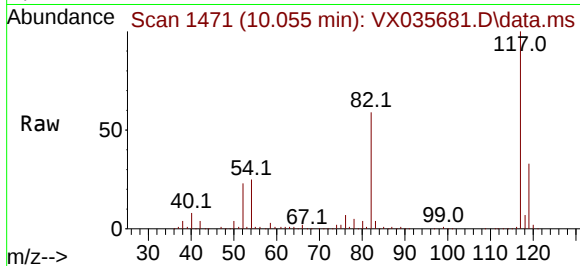




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035681.D
Acq: 16 May 2023 10:57

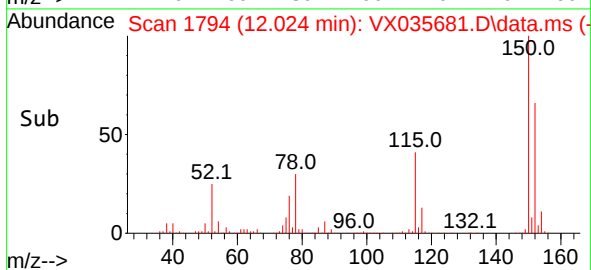
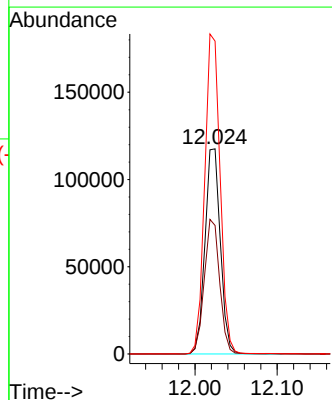
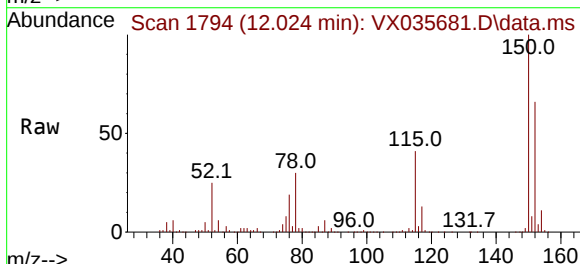
Instrument :
MSVOA_X
ClientSampleId :
VX0516WBL01

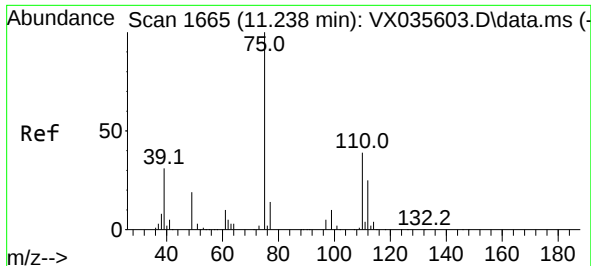
Tgt Ion:117 Resp: 333523
Ion Ratio Lower Upper
117 100
82 58.9 45.0 67.4
119 32.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035681.D
Acq: 16 May 2023 10:57

Tgt Ion:152 Resp: 152822
Ion Ratio Lower Upper
152 100
115 65.5 45.0 135.0
150 155.9 0.0 352.4

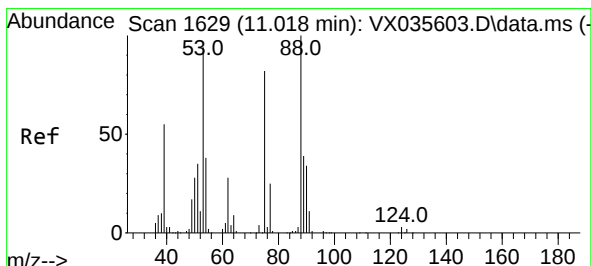
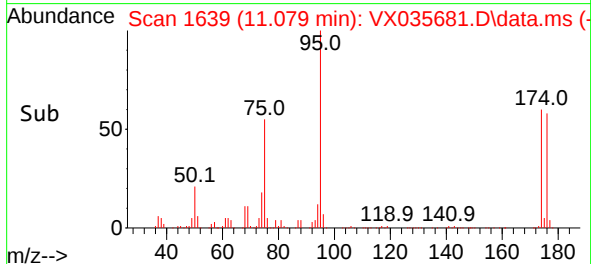
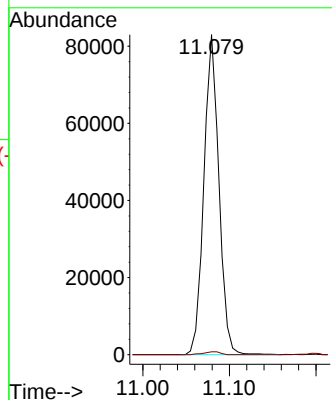
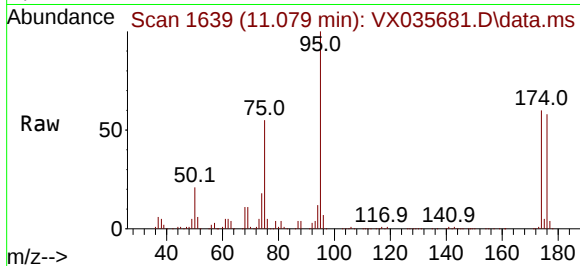




#76
1,2,3-Trichloropropane
Concen: 26.705 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035681.D
Acq: 16 May 2023 10:57

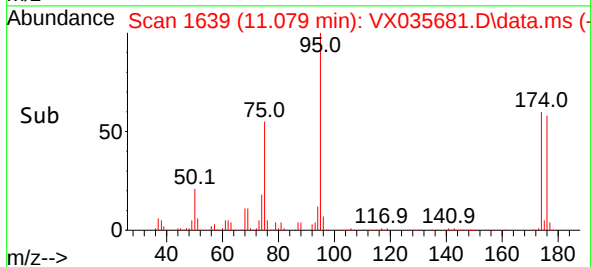
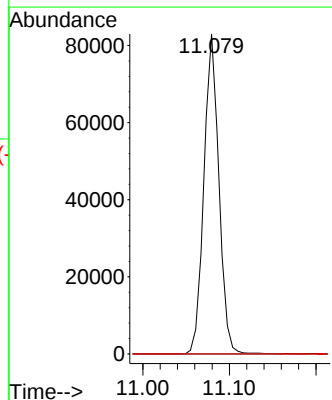
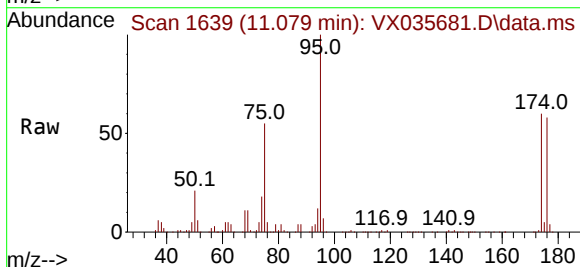
Instrument :
MSVOA_X
ClientSampleId :
VX0516WBL01

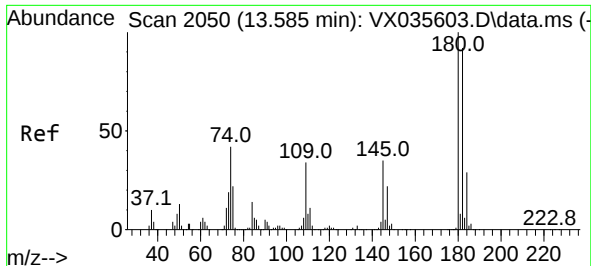
Tgt Ion: 75 Resp: 99825
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.066 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035681.D
Acq: 16 May 2023 10:57

Tgt Ion: 75 Resp: 99825
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

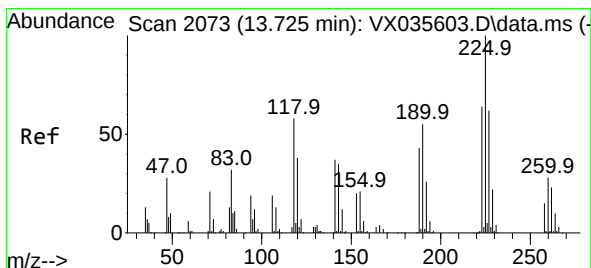
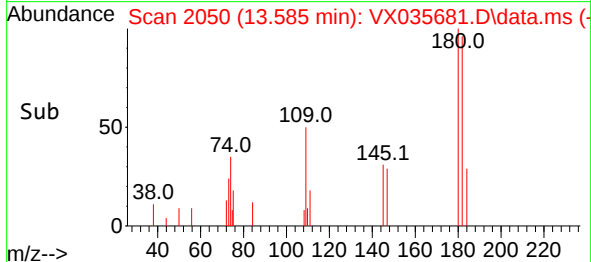
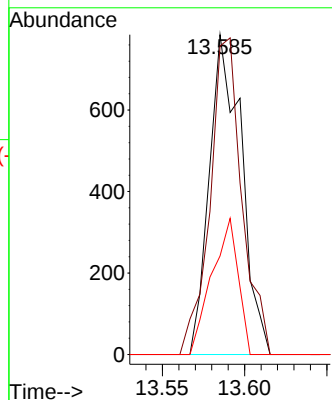
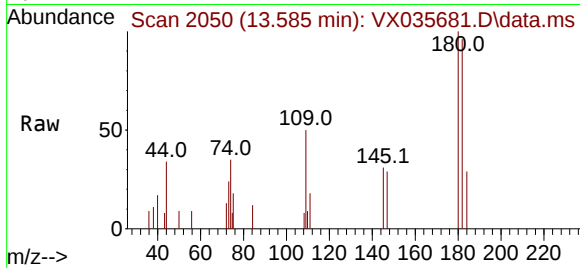




#93
1,2,4-Trichlorobenzene
Concen: 0.324 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX035681.D
Acq: 16 May 2023 10:57

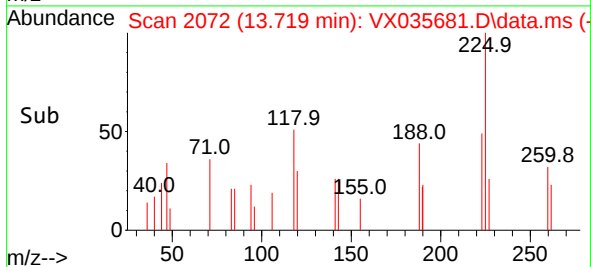
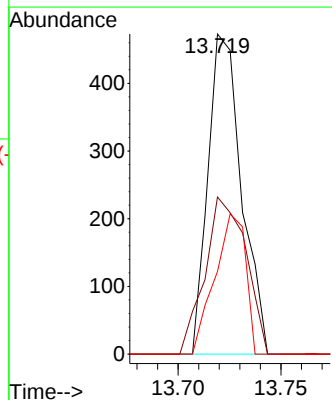
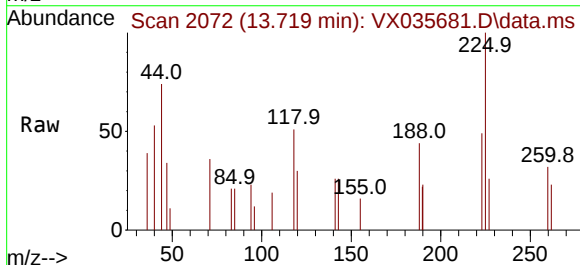
Instrument :
MSVOA_X
ClientSampleId :
VX0516WBL01

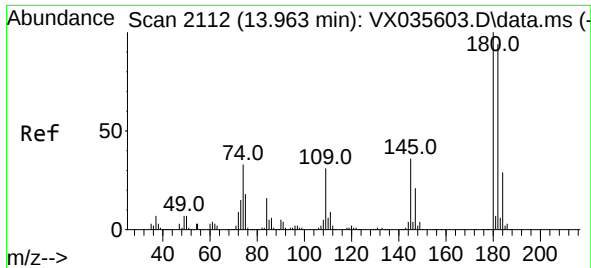
Tgt Ion:180 Resp: 1061
Ion Ratio Lower Upper
180 100
182 98.8 47.0 141.0
145 35.1 15.9 47.7



#94
Hexachlorobutadiene
Concen: 0.413 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX035681.D
Acq: 16 May 2023 10:57

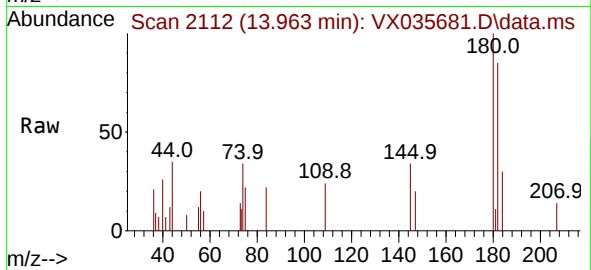
Tgt Ion:225 Resp: 537
Ion Ratio Lower Upper
225 100
223 60.0 32.1 96.5
227 40.0 31.8 95.4





#96
 1,2,3-Trichlorobenzene
 Concen: 0.287 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX035681.D
 Acq: 16 May 2023 10:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBL01



Tgt Ion:	180	Resp:	924
Ion	Ratio	Lower	Upper
180	100		
182	91.0	48.0	144.2
145	32.1	17.7	53.1

