

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051523\
 Data File : VX035654.D
 Acq On : 15 May 2023 10:44
 Operator : JC/MD
 Sample : VX0515WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBL01

Quant Time: May 16 04:54:50 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)

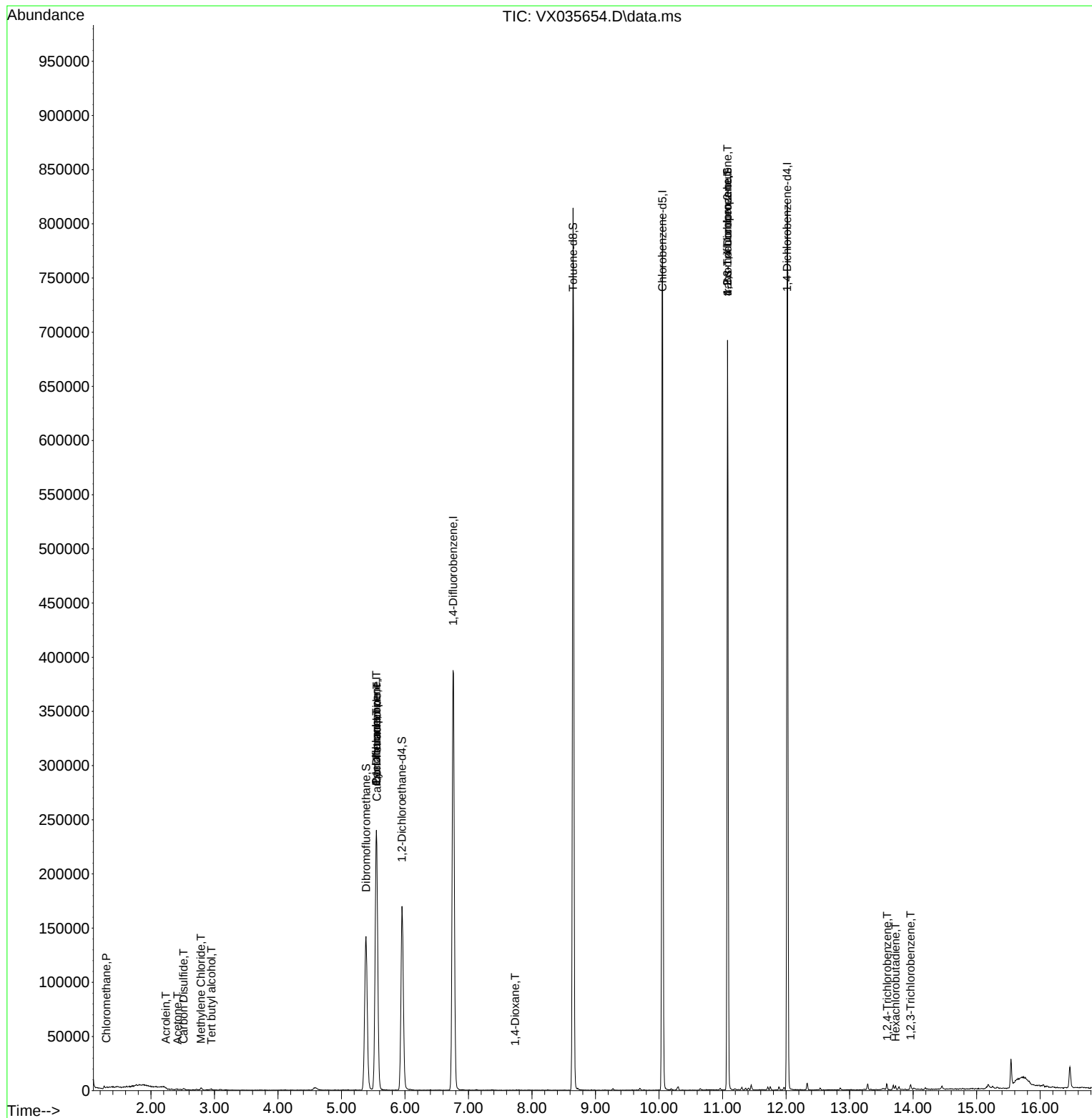
Internal Standards						
1) Pentafluorobenzene	5.550	168	205670	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	377278	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	338248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	152980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	168495	46.961	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.920%		
35) Dibromofluoromethane	5.385	113	122607	48.188	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.380%		
50) Toluene-d8	8.647	98	449617	47.834	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.660%		
62) 4-Bromofluorobenzene	11.079	95	185814	49.097	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.200%		
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	707	0.217	ug/l	# 85
11) Tert butyl alcohol	2.953	59	532	0.840	ug/l	# 73
13) Acrolein	2.233	56	201	0.268	ug/l	# 81
16) Acetone	2.416	43	1252	0.812	ug/l	93
17) Carbon Disulfide	2.514	76	1135	0.205	ug/l	# 94
20) Methylene Chloride	2.788	84	905	0.324	ug/l	# 68
31) Cyclohexane	5.550	56	5654	1.247	ug/l	# 24
36) 1,1-Dichloropropene	5.550	75	19320	4.811	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	24246	6.373	ug/l	# 16
49) 1,4-Dioxane	7.732	88	19	2.239	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	99590	26.615	ug/l	# 35
81) trans-1,4-Dichloro-2-b...	11.079	75	99590	85.775	ug/l	# 8
93) 1,2,4-Trichlorobenzene	13.591	180	1124	0.343	ug/l	87
94) Hexachlorobutadiene	13.725	225	445	0.342	ug/l	94
96) 1,2,3-Trichlorobenzene	13.963	180	898	0.279	ug/l	86

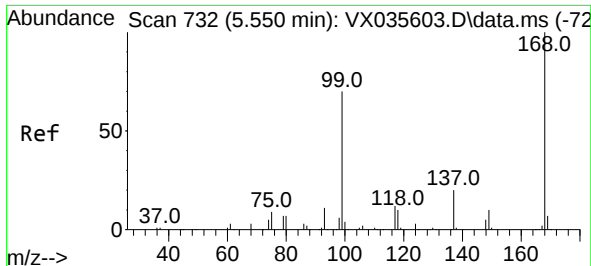
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

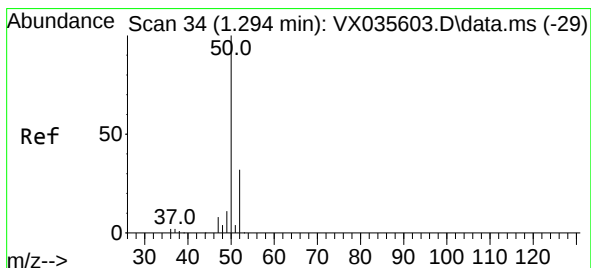
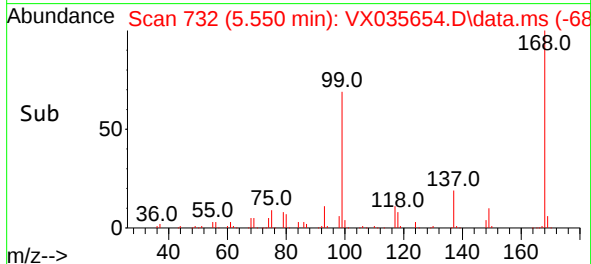
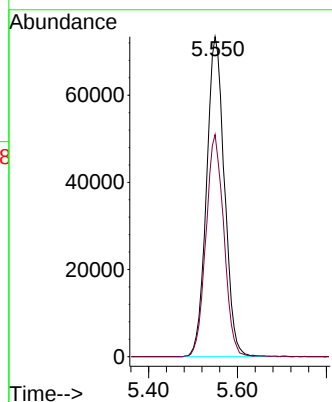
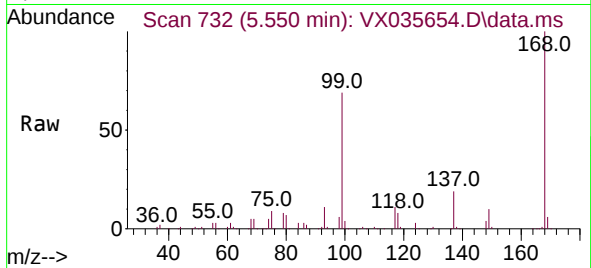




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035654.D
Acq: 15 May 2023 10:44

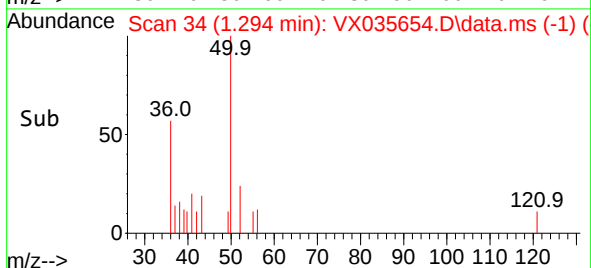
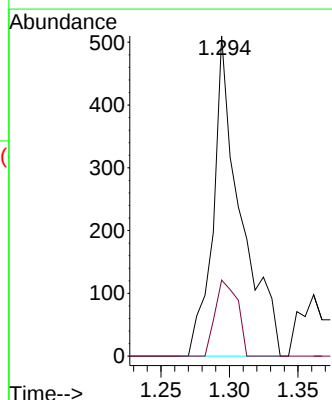
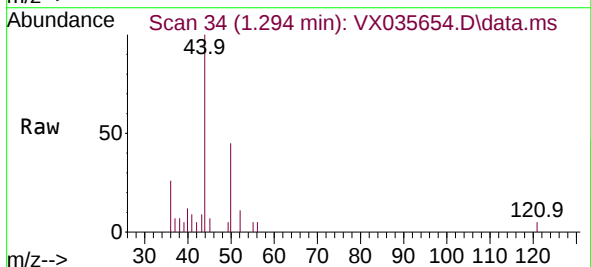
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBL01

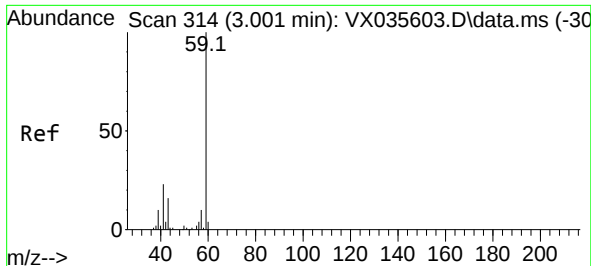
Tgt Ion:168 Resp: 205670
Ion Ratio Lower Upper
168 100
99 69.4 45.7 68.5#



#3
Chloromethane
Concen: 0.217 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035654.D
Acq: 15 May 2023 10:44

Tgt Ion: 50 Resp: 707
Ion Ratio Lower Upper
50 100
52 23.7 25.9 38.9#





#11

Tert butyl alcohol

Concen: 0.840 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.048 min

Lab File: VX035654.D

Acq: 15 May 2023 10:44

Instrument :

MSVOA_X

ClientSampleId :

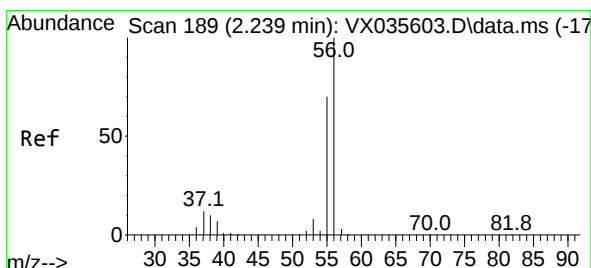
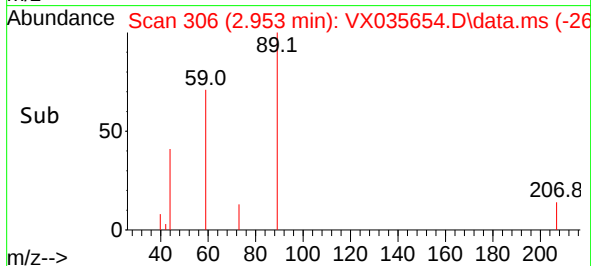
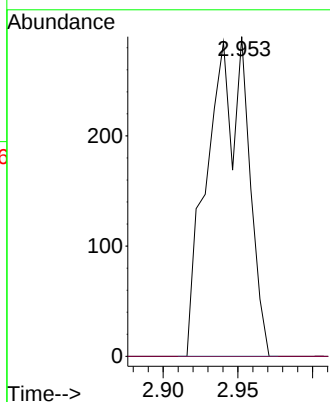
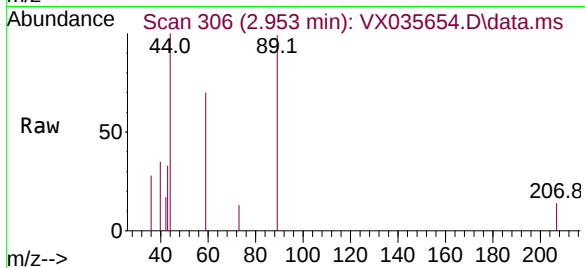
VX0515WBL01

Tgt Ion: 59 Resp: 532

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#13

Acrolein

Concen: 0.268 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX035654.D

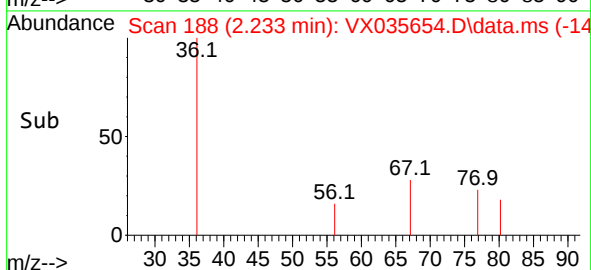
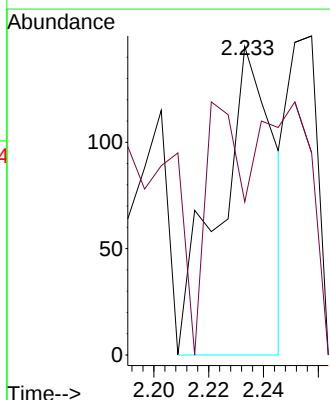
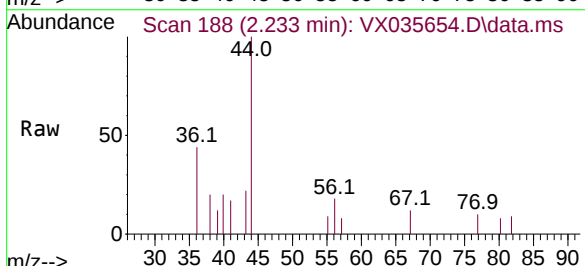
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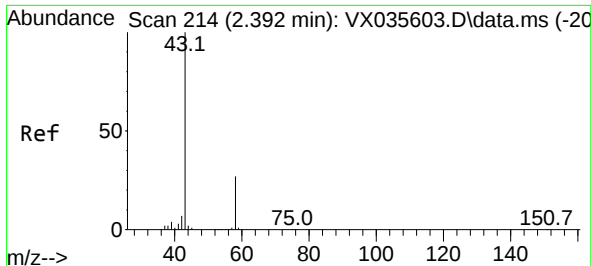
Tgt Ion: 56 Resp: 201

Ion Ratio Lower Upper

56 100

55 55.2 56.6 85.0#

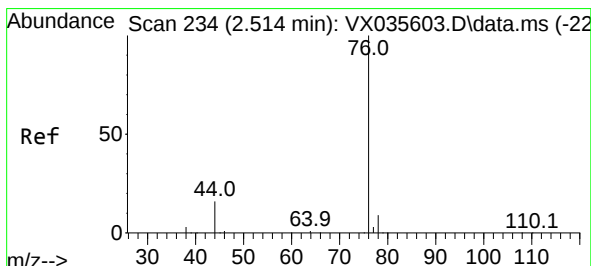
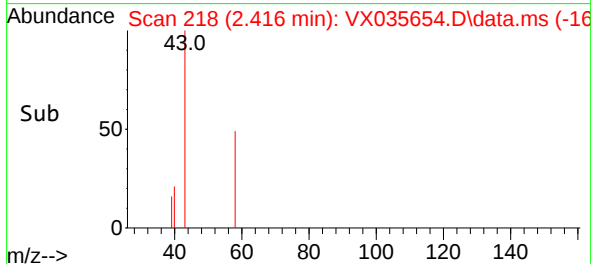
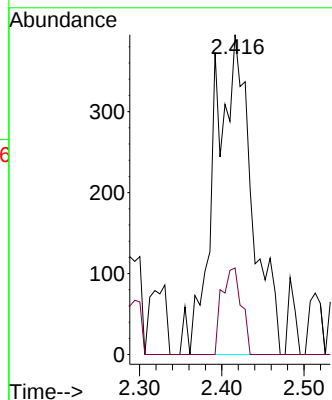
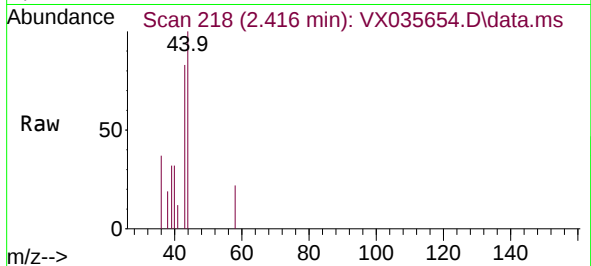




#16
Acetone
Concen: 0.812 ug/l
RT: 2.416 min Scan# 214
Delta R.T. 0.024 min
Lab File: VX035654.D
Acq: 15 May 2023 10:44

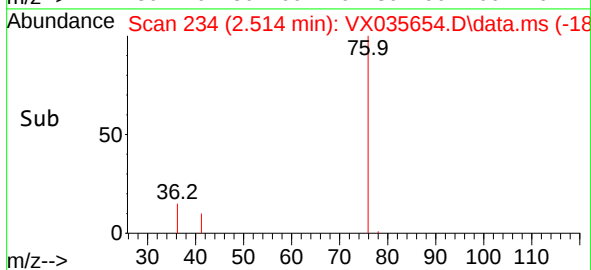
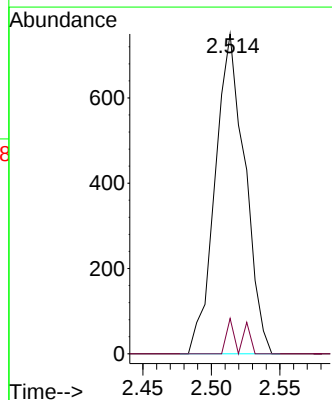
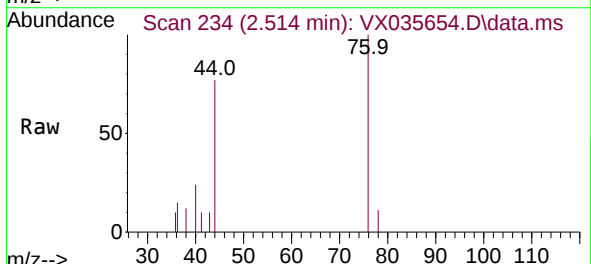
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBL01

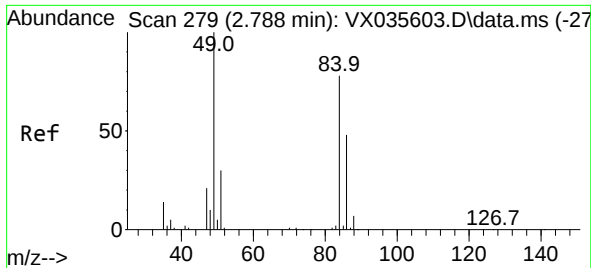
Tgt Ion: 43 Resp: 1252
Ion Ratio Lower Upper
43 100
58 27.1 24.7 37.1



#17
Carbon Disulfide
Concen: 0.205 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX035654.D
Acq: 15 May 2023 10:44

Tgt Ion: 76 Resp: 1135
Ion Ratio Lower Upper
76 100
78 11.1 7.2 10.8#

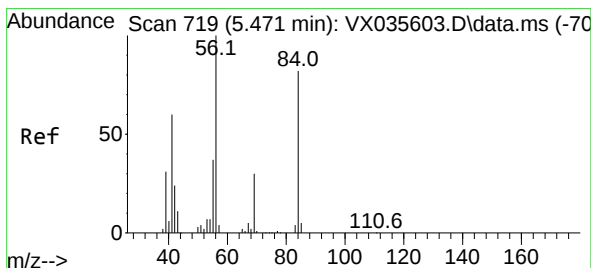
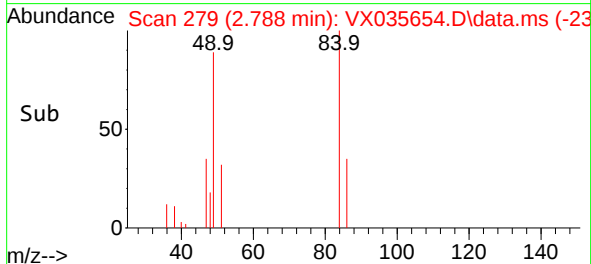
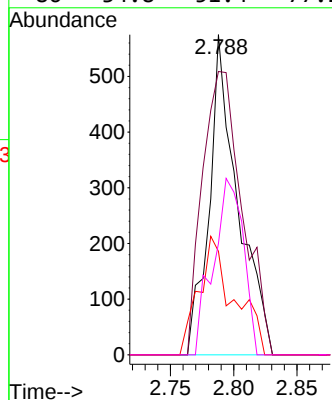
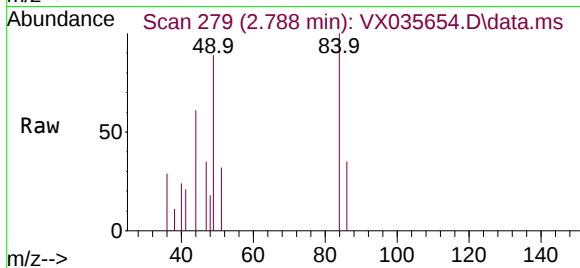




#20
Methylene Chloride
Concen: 0.324 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035654.D
Acq: 15 May 2023 10:44

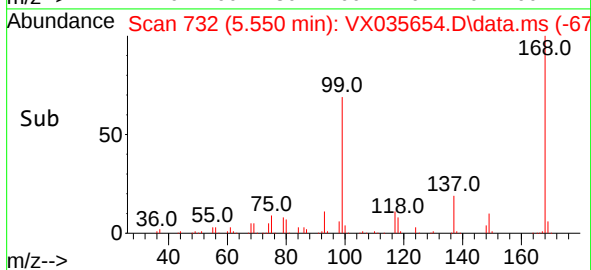
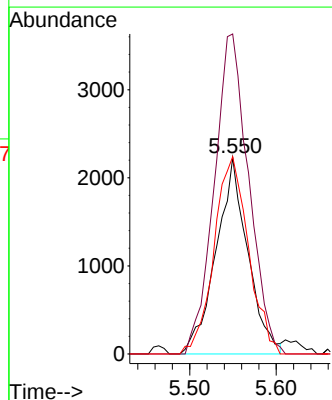
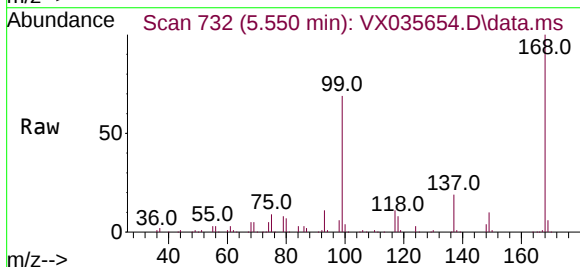
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBL01

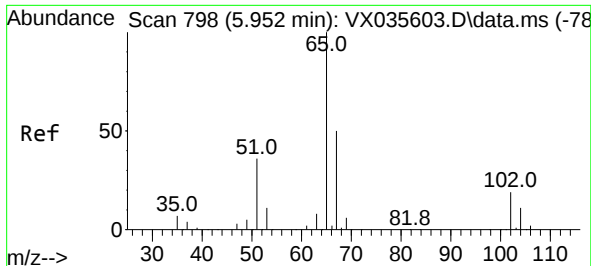
Tgt Ion:	84	Resp:	905
Ion	Ratio	Lower	Upper
84	100		
49	88.5	103.8	155.8#
51	32.3	31.8	47.8
86	34.8	51.4	77.2#



#31
Cyclohexane
Concen: 1.247 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX035654.D
Acq: 15 May 2023 10:44

Tgt Ion:	56	Resp:	5654
Ion	Ratio	Lower	Upper
56	100		
69	163.1	23.7	35.5#
84	100.5	68.5	102.7





#33

1,2-Dichloroethane-d4

Concen: 46.961 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035654.D

Acq: 15 May 2023 10:44

Instrument :

MSVOA_X

ClientSampleId :

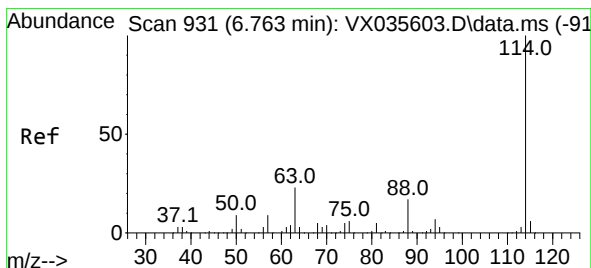
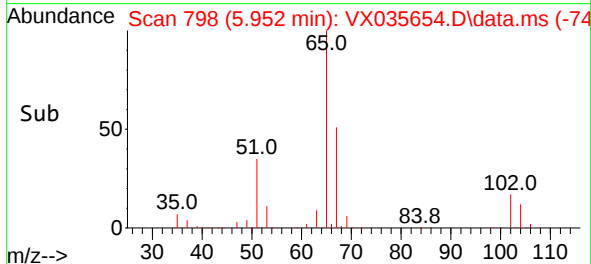
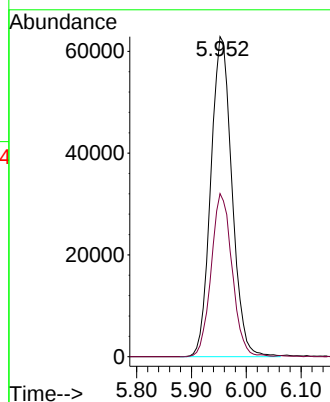
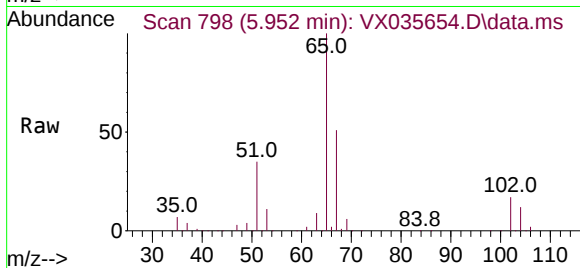
VX0515WBL01

Tgt Ion: 65 Resp: 168495

Ion Ratio Lower Upper

65 100

67 50.3 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: VX035654.D

Acq: 15 May 2023 10:44

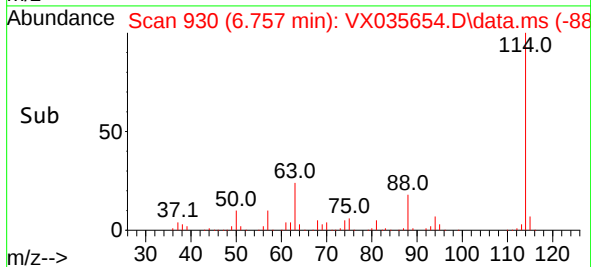
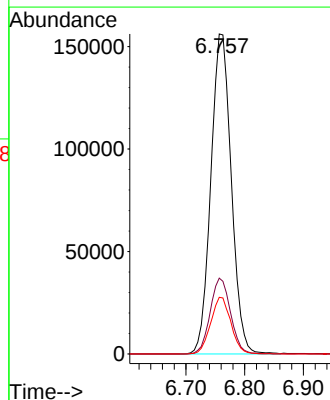
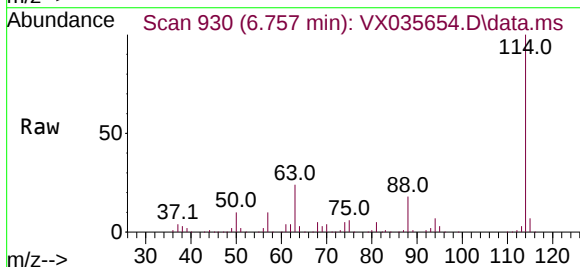
Tgt Ion: 114 Resp: 377278

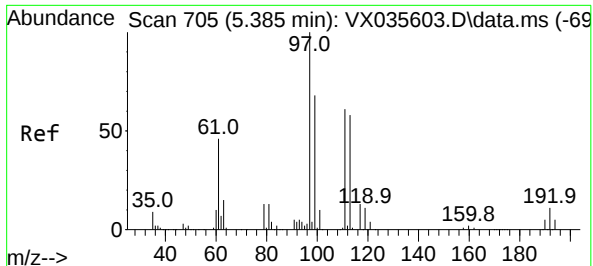
Ion Ratio Lower Upper

114 100

63 23.7 0.0 42.2

88 17.7 0.0 33.2

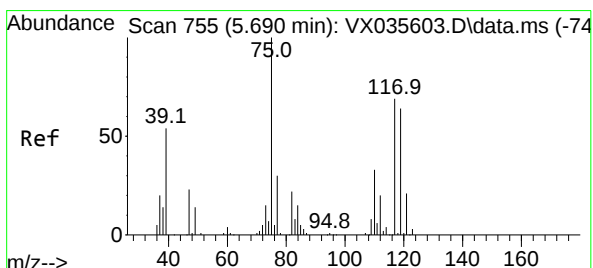
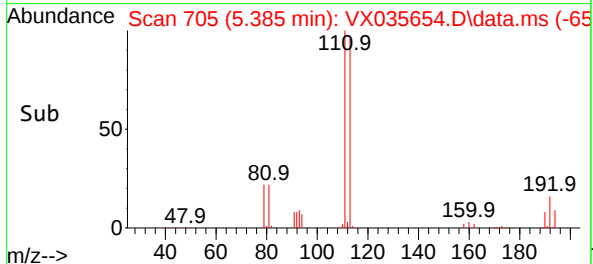
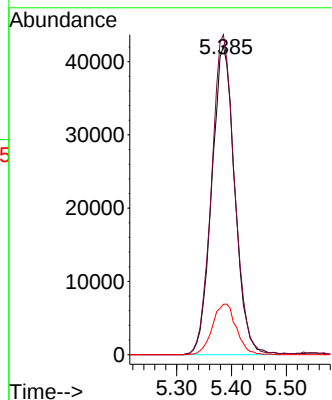
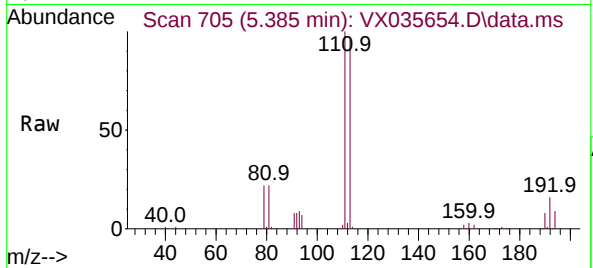




#35
Dibromofluoromethane
Concen: 48.188 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035654.D
Acq: 15 May 2023 10:44

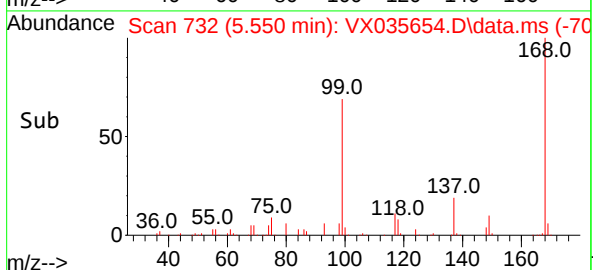
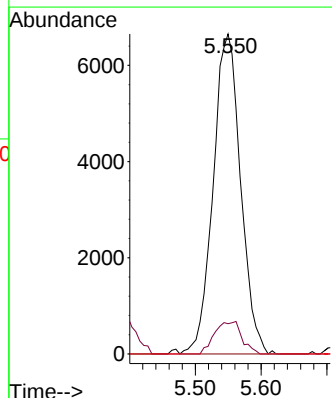
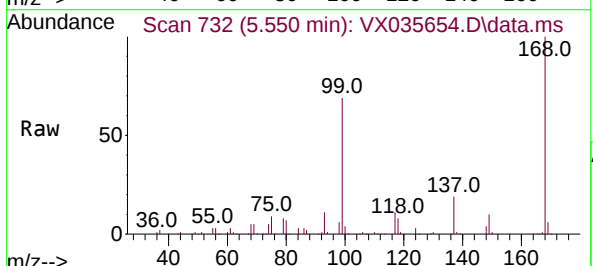
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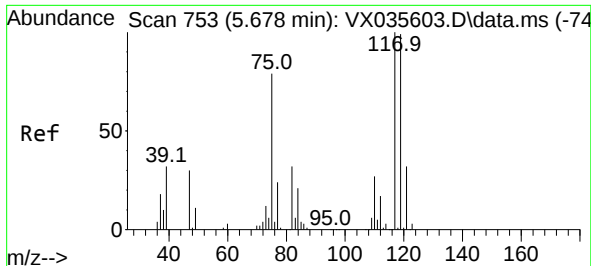
Tgt Ion:113 Resp: 122607
Ion Ratio Lower Upper
113 100
111 104.1 83.7 125.5
192 17.0 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.811 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035654.D
Acq: 15 May 2023 10:44

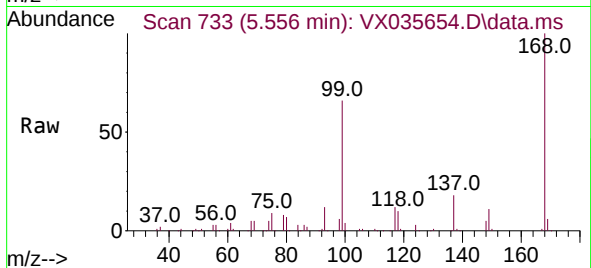
Tgt Ion: 75 Resp: 19320
Ion Ratio Lower Upper
75 100
110 10.1 17.5 52.5#
77 0.0 24.3 36.5#



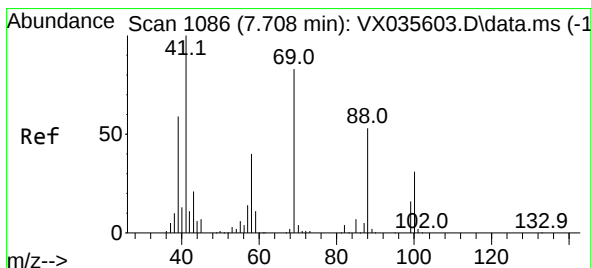
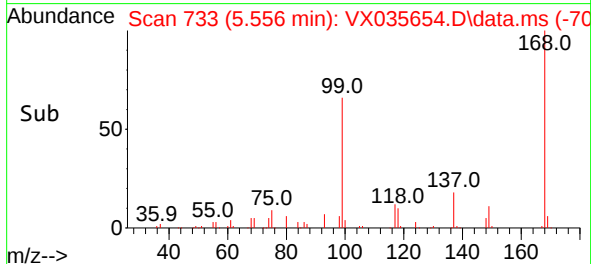
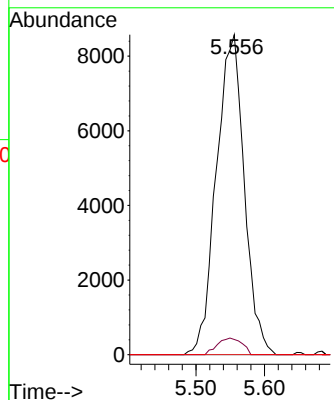


#38
Carbon Tetrachloride
Concen: 6.373 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX035654.D
Acq: 15 May 2023 10:44

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBL01

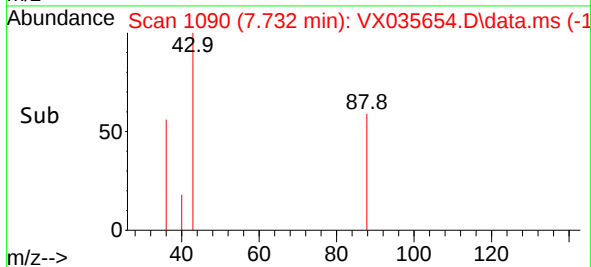
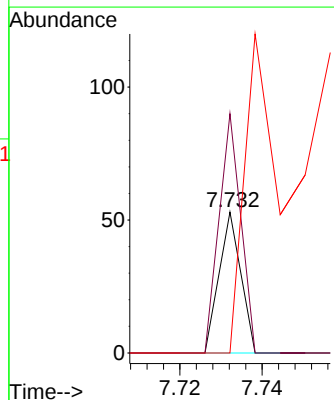
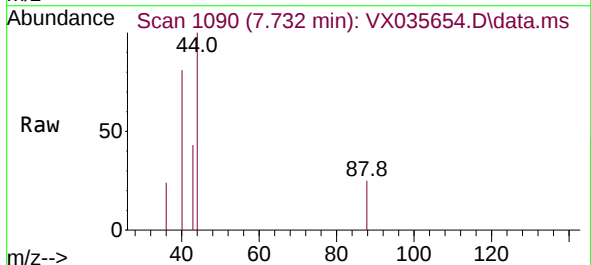


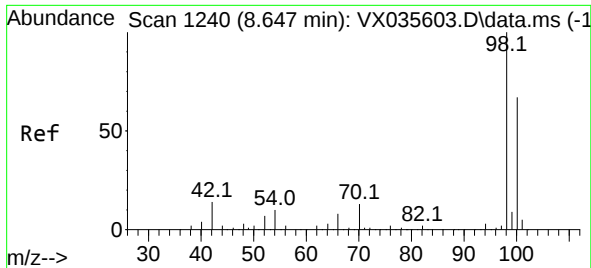
Tgt Ion:117 Resp: 24246
Ion Ratio Lower Upper
117 100
119 4.7 76.6 114.8#
121 0.0 23.8 35.6#



#49
1,4-Dioxane
Concen: 2.239 ug/l
RT: 7.732 min Scan# 1090
Delta R.T. 0.024 min
Lab File: VX035654.D
Acq: 15 May 2023 10:44

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 173.7 27.7 41.5#
58 784.2 56.8 85.2#

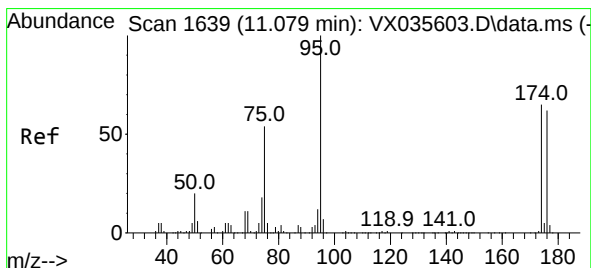
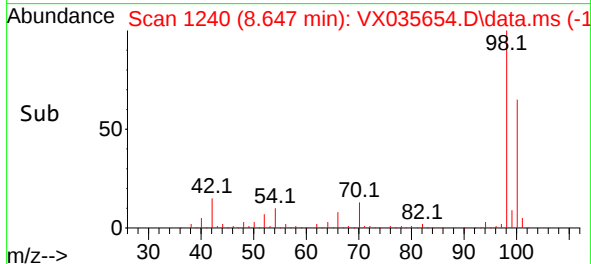
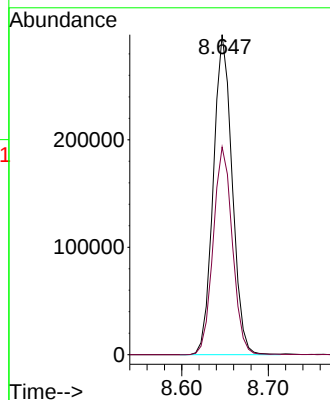
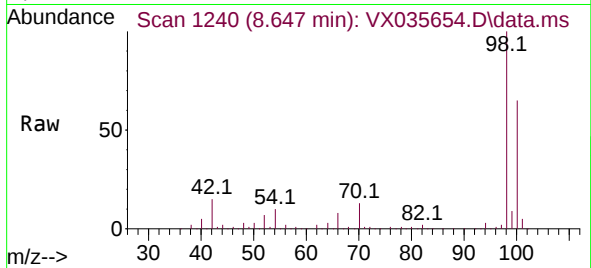




#50
Toluene-d8
Concen: 47.834 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035654.D
Acq: 15 May 2023 10:44

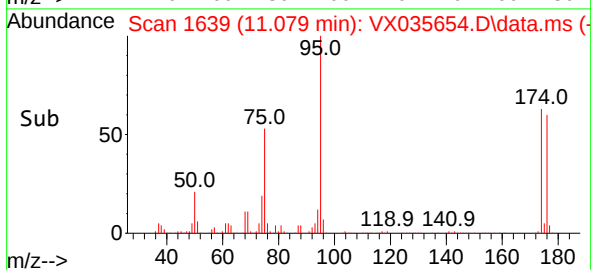
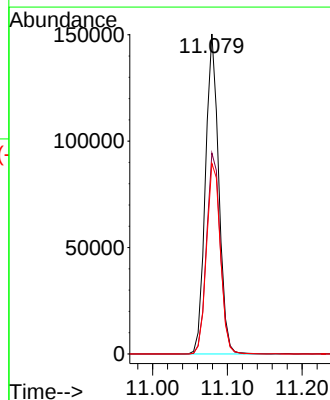
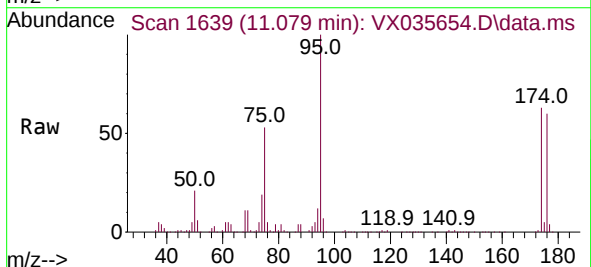
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBL01

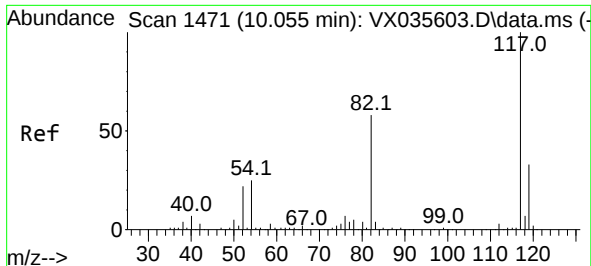
Tgt Ion: 98 Resp: 449617
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 49.097 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035654.D
Acq: 15 May 2023 10:44

Tgt Ion: 95 Resp: 185814
Ion Ratio Lower Upper
95 100
174 64.7 0.0 147.4
176 62.0 0.0 140.6

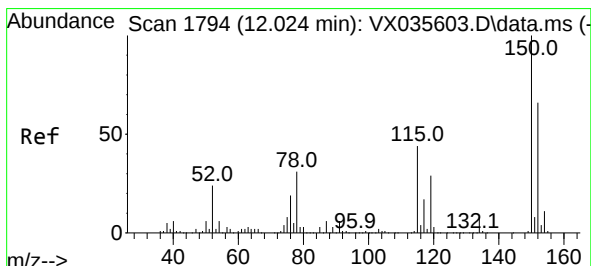
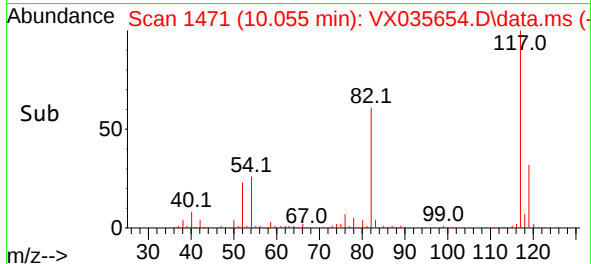
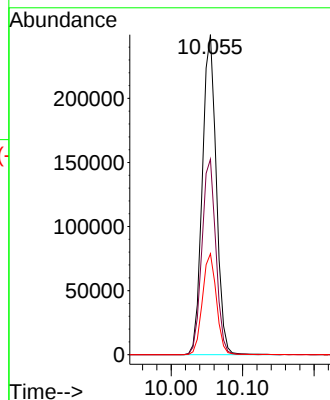
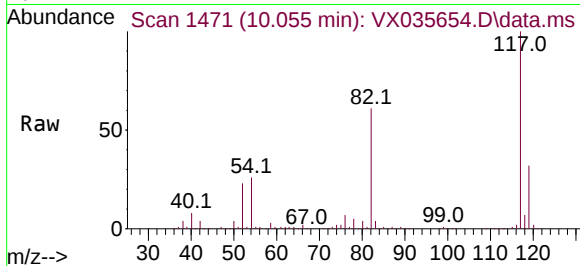




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035654.D
Acq: 15 May 2023 10:44

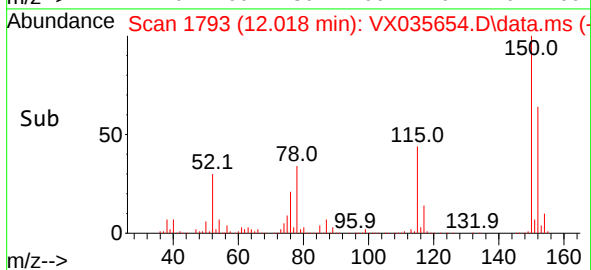
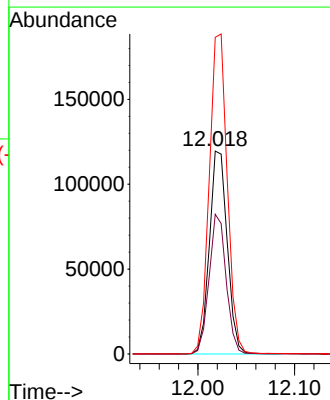
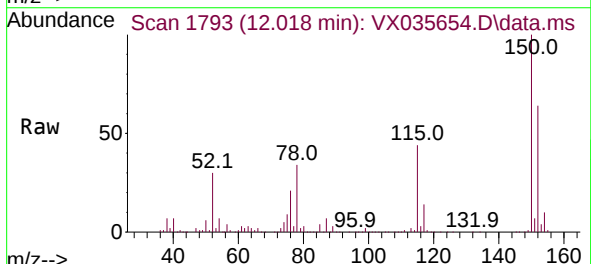
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBL01

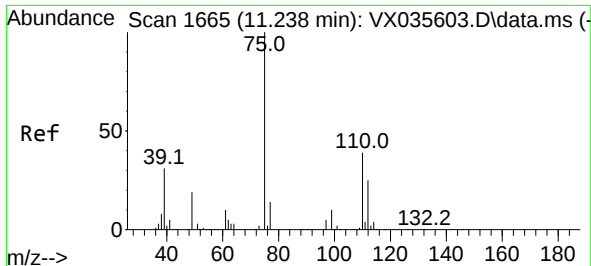
Tgt Ion:117 Resp: 338248
Ion Ratio Lower Upper
117 100
82 61.1 45.0 67.4
119 31.5 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX035654.D
Acq: 15 May 2023 10:44

Tgt Ion:152 Resp: 152980
Ion Ratio Lower Upper
152 100
115 66.0 45.0 135.0
150 159.3 0.0 352.4

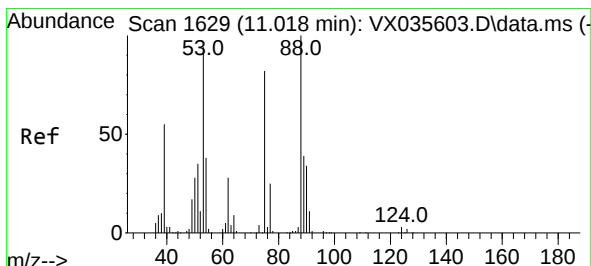
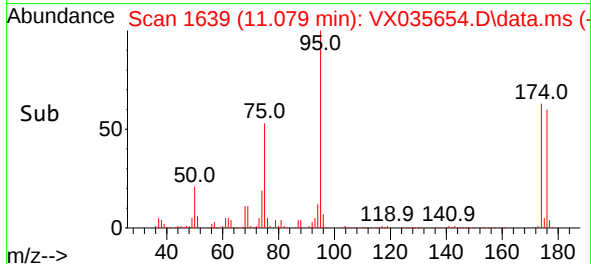
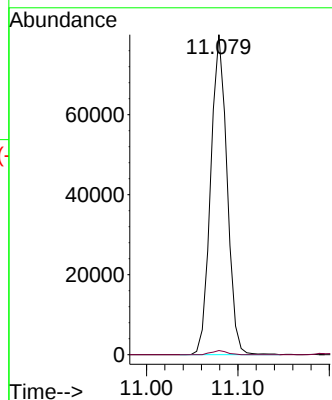
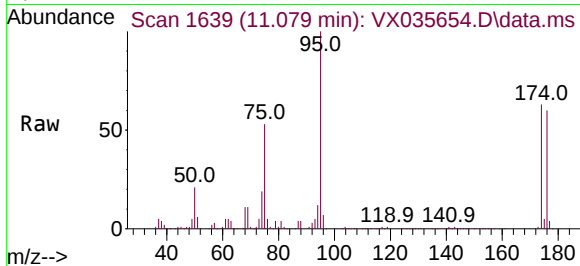




#76
1,2,3-Trichloropropane
Concen: 26.615 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035654.D
Acq: 15 May 2023 10:44

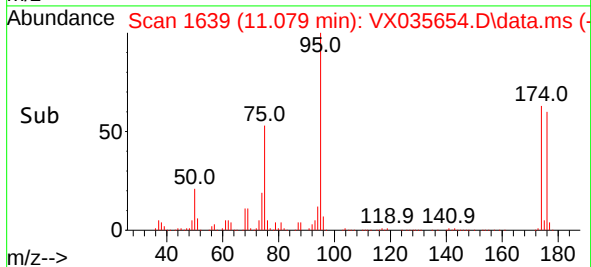
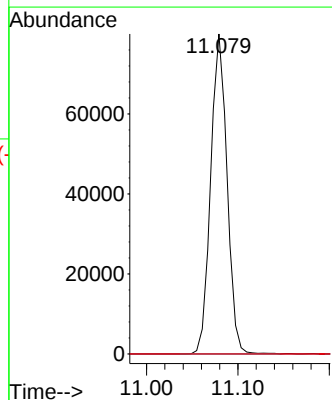
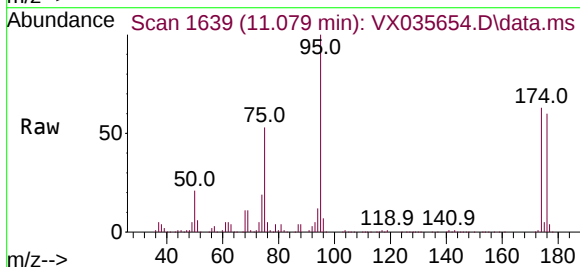
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBL01

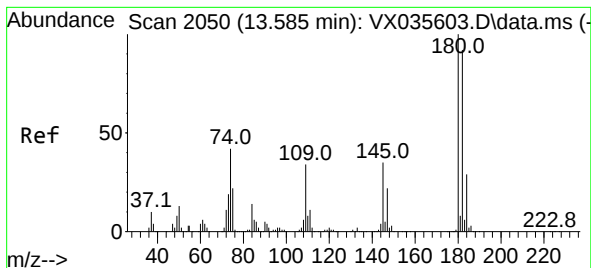
Tgt Ion: 75 Resp: 99590
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.775 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035654.D
Acq: 15 May 2023 10:44

Tgt Ion: 75 Resp: 99590
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: 0.343 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX035654.D

Acq: 15 May 2023 10:44

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBL01

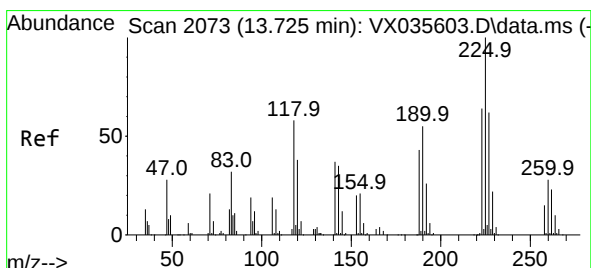
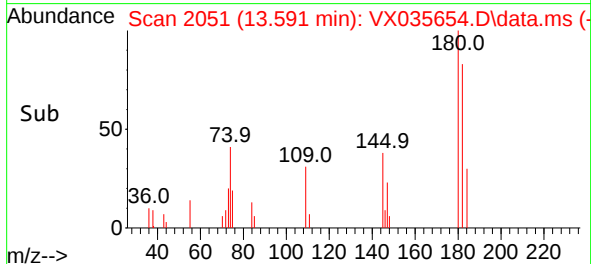
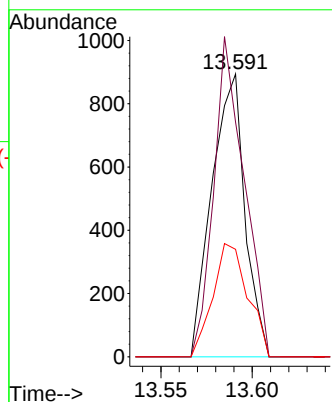
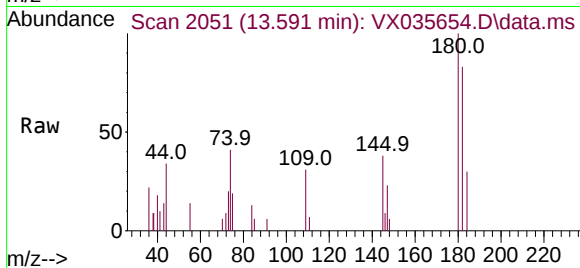
Tgt Ion:180 Resp: 1124

Ion Ratio Lower Upper

180 100

182 104.1 47.0 141.0

145 42.5 15.9 47.7



#94

Hexachlorobutadiene

Concen: 0.342 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX035654.D

Acq: 15 May 2023 10:44

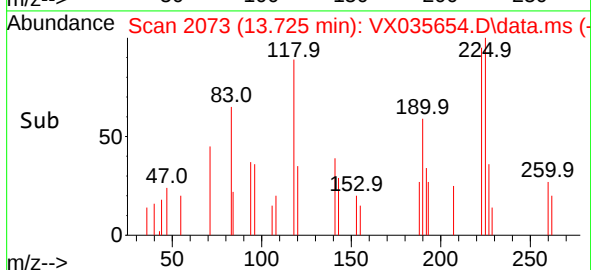
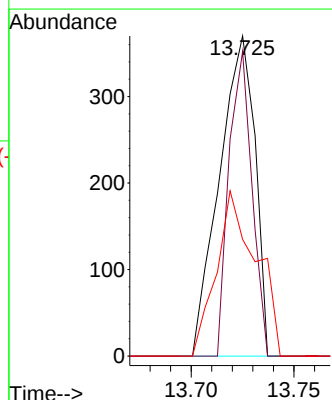
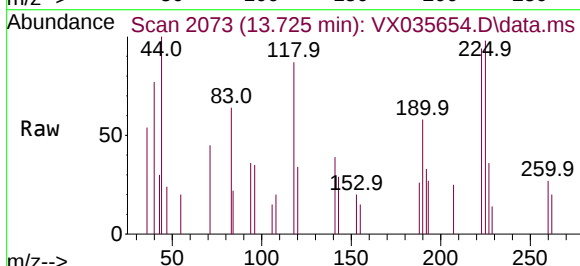
Tgt Ion:225 Resp: 445

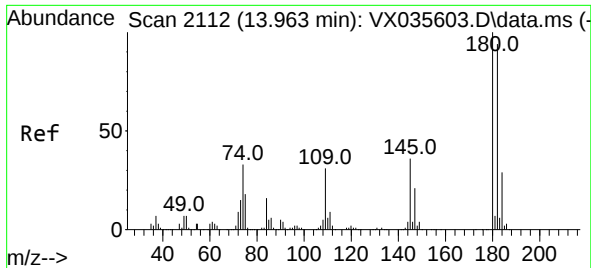
Ion Ratio Lower Upper

225 100

223 61.6 32.1 96.5

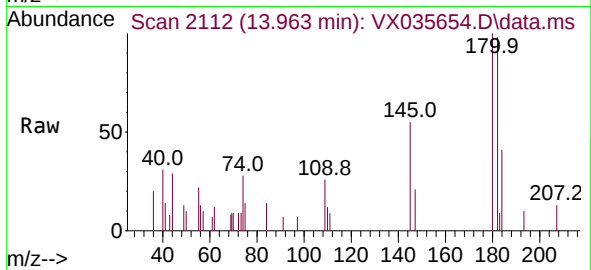
227 57.5 31.8 95.4





#96
 1,2,3-Trichlorobenzene
 Concen: 0.279 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX035654.D
 Acq: 15 May 2023 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBL01



Tgt Ion:180 Resp: 898
 Ion Ratio Lower Upper
 180 100
 182 106.1 48.0 144.2
 145 49.6 17.7 53.1

