

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051023\
 Data File : VX035579.D
 Acq On : 10 May 2023 12:02
 Operator : JC/MD
 Sample : VX0510WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBL01

Quant Time: May 11 04:15:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

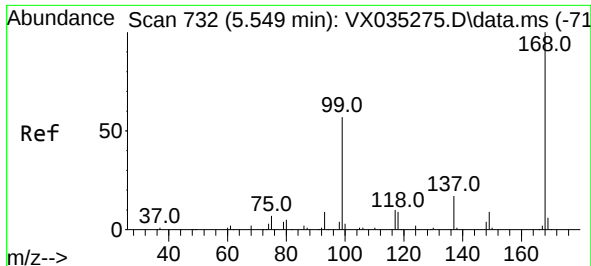
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	303626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	492777	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	456660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	232591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	156308	42.671	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.340%
35) Dibromofluoromethane	5.385	113	154485	51.078	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.160%
50) Toluene-d8	8.647	98	569056	49.876	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.760%
62) 4-Bromofluorobenzene	11.079	95	227264	52.950	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.900%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	865	0.296	ug/l	99
13) Acrolein	2.246	56	290	0.442	ug/l #	62
16) Acetone	2.392	43	1209	0.760	ug/l	92
17) Carbon Disulfide	2.520	76	1687	0.239	ug/l #	92
20) Methylene Chloride	2.788	84	1027	0.282	ug/l #	81
31) Cyclohexane	5.550	56	5078	0.977	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	20179	4.273	ug/l #	50
38) Carbon Tetrachloride	5.550	117	28598	6.379	ug/l #	17
49) 1,4-Dioxane	7.714	88	1159	13.374	ug/l #	63
76) 1,2,3-Trichloropropane	11.079	75	103119	22.226	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	103119	71.984	ug/l #	8

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

Quant Time: May 11 04:15:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration

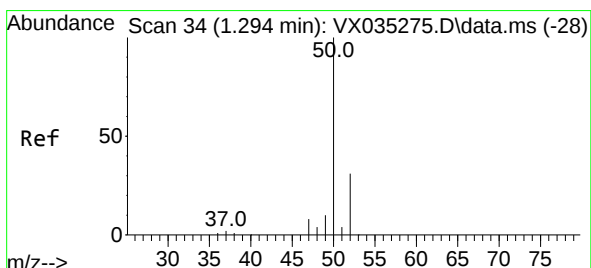
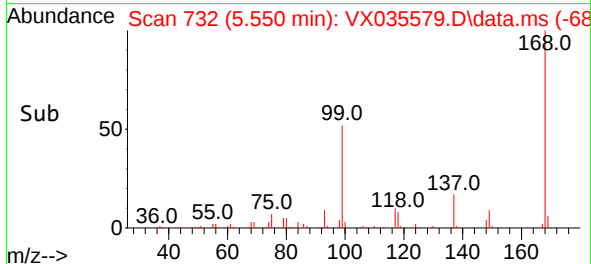
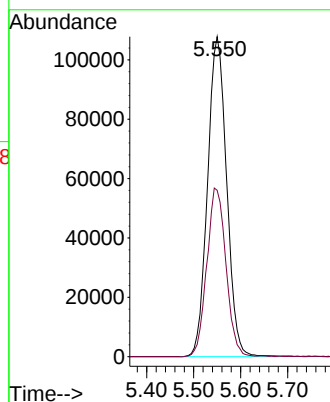
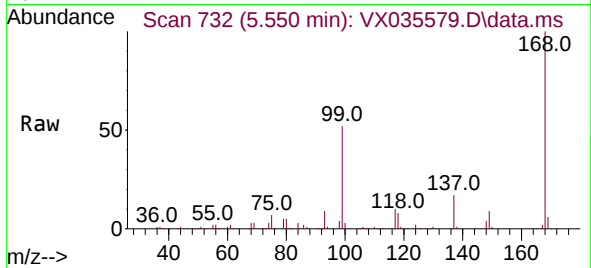




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035579.D
Acq: 10 May 2023 12:02

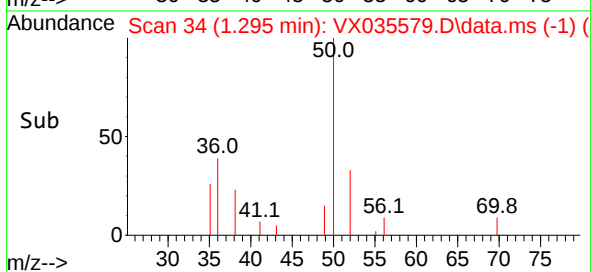
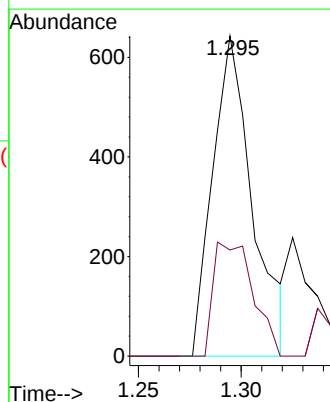
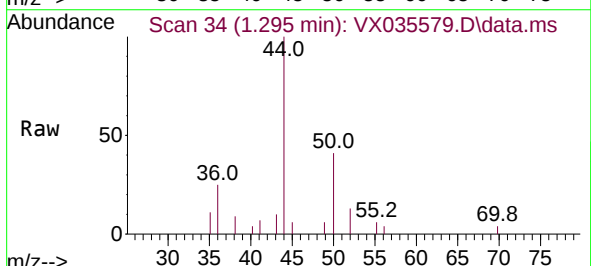
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBL01

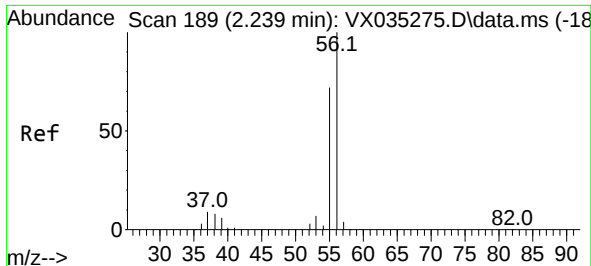
Tgt Ion:168 Resp: 303626
Ion Ratio Lower Upper
168 100
99 52.0 45.7 68.5



#3
Chloromethane
Concen: 0.296 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX035579.D
Acq: 10 May 2023 12:02

Tgt Ion: 50 Resp: 865
Ion Ratio Lower Upper
50 100
52 33.1 25.9 38.9

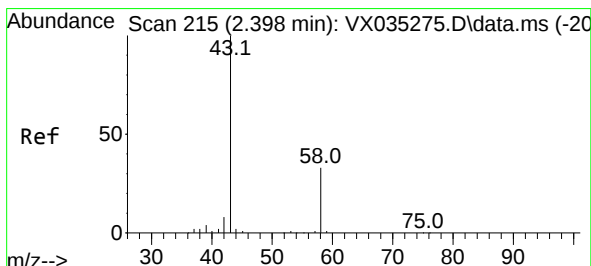
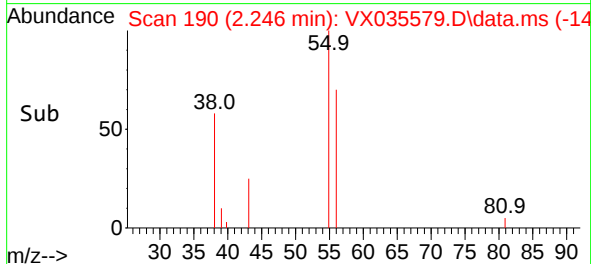
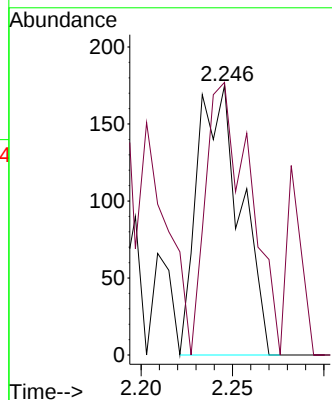
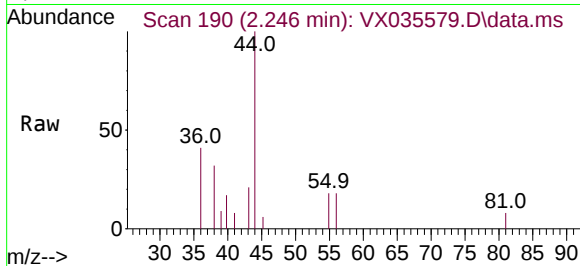




#13
Acrolein
Concen: 0.442 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.007 min
Lab File: VX035579.D
Acq: 10 May 2023 12:02

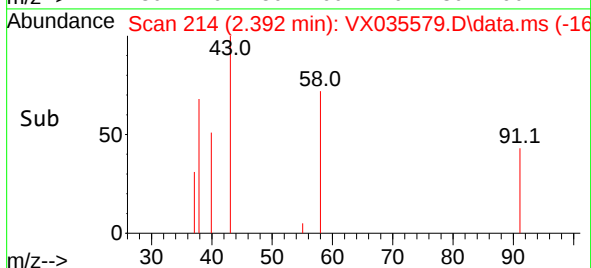
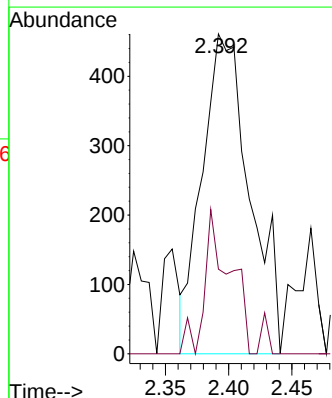
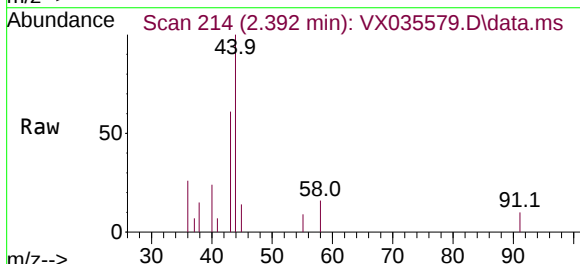
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBL01

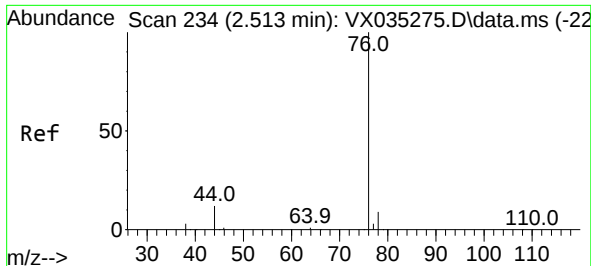
Tgt Ion: 56 Resp: 290
Ion Ratio Lower Upper
56 100
55 102.1 56.6 85.0#



#16
Acetone
Concen: 0.760 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX035579.D
Acq: 10 May 2023 12:02

Tgt Ion: 43 Resp: 1209
Ion Ratio Lower Upper
43 100
58 26.5 24.7 37.1





#17

Carbon Disulfide

Concen: 0.239 ug/l

RT: 2.520 min Scan# 21

Delta R.T. 0.007 min

Lab File: VX035579.D

Acq: 10 May 2023 12:02

Instrument :

MSVOA_X

ClientSampleId :

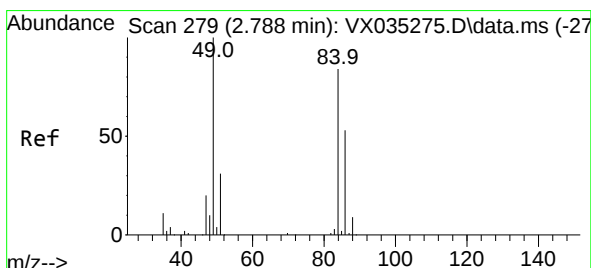
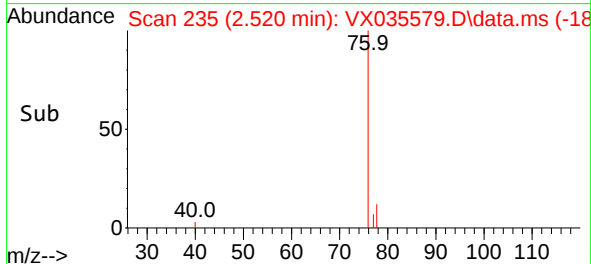
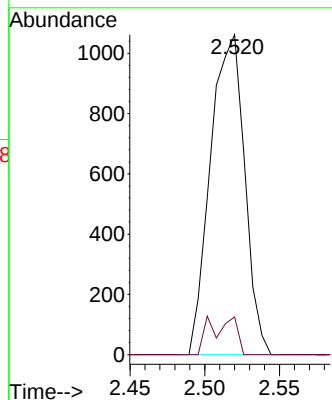
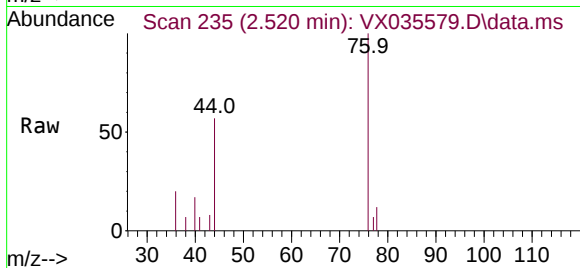
VX0510WBL01

Tgt Ion: 76 Resp: 1687

Ion Ratio Lower Upper

76 100

78 11.8 7.2 10.8#



#20

Methylene Chloride

Concen: 0.282 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX035579.D

Acq: 10 May 2023 12:02

Tgt Ion: 84 Resp: 1027

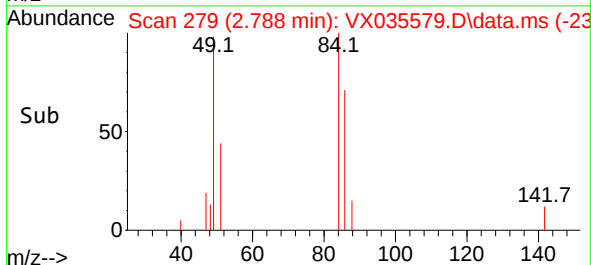
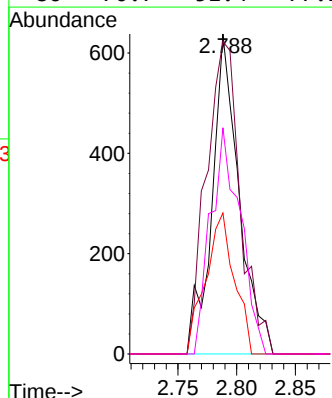
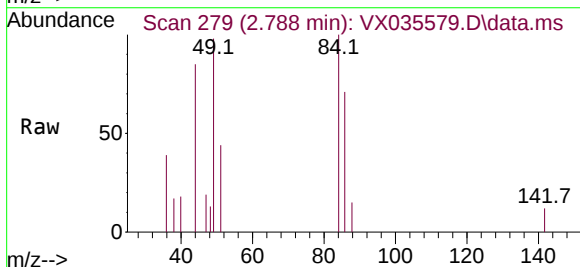
Ion Ratio Lower Upper

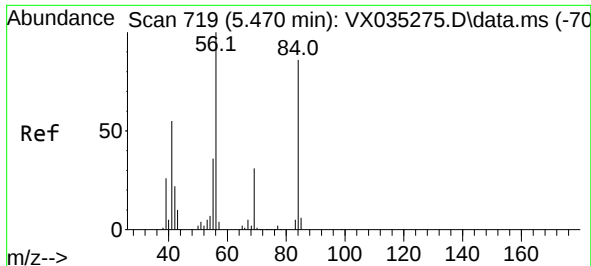
84 100

49 97.6 103.8 155.8#

51 44.0 31.8 47.8

86 70.7 51.4 77.2

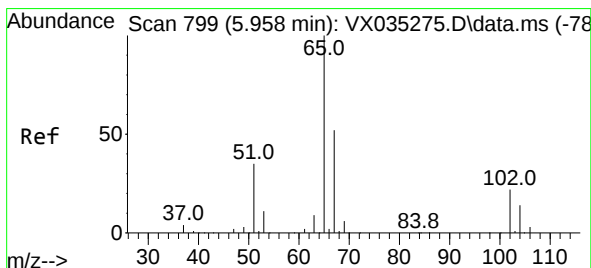
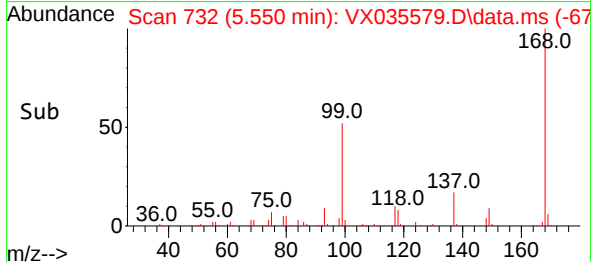
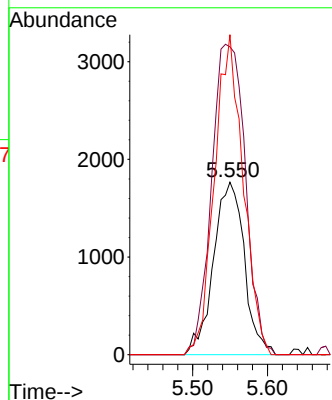
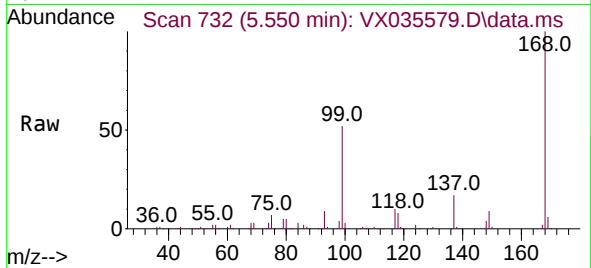




#31
Cyclohexane
Concen: 0.977 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX035579.D
Acq: 10 May 2023 12:02

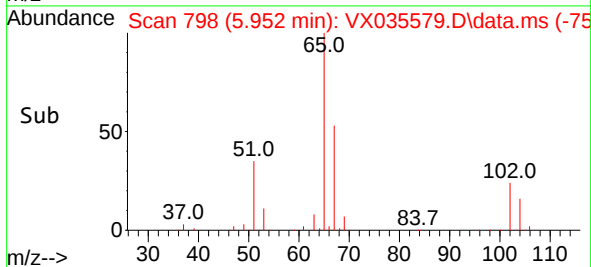
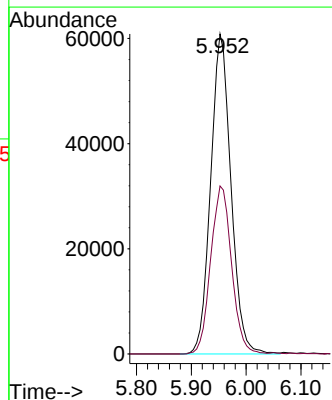
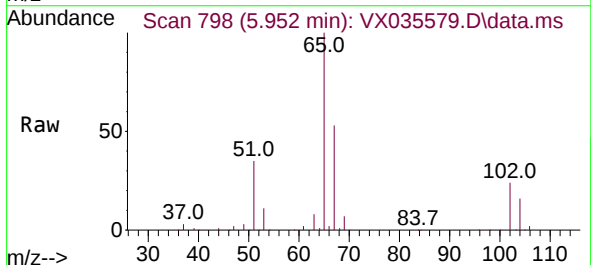
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBL01

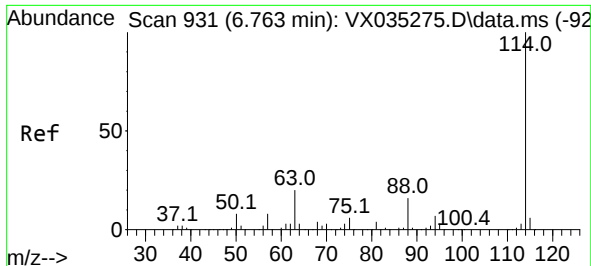
Tgt Ion: 56 Resp: 5078
Ion Ratio Lower Upper
56 100
69 178.4 23.7 35.5#
84 185.5 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 42.671 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035579.D
Acq: 10 May 2023 12:02

Tgt Ion: 65 Resp: 156308
Ion Ratio Lower Upper
65 100
67 54.0 0.0 104.0

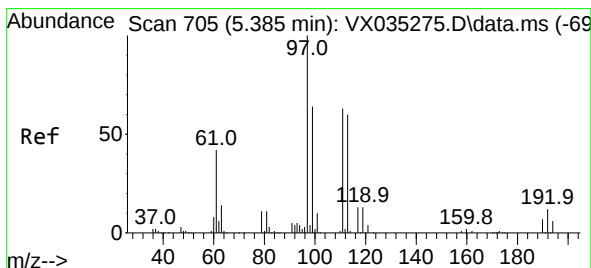
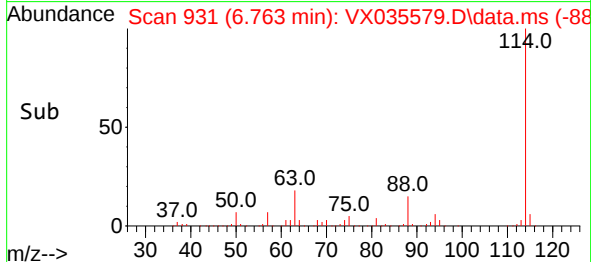
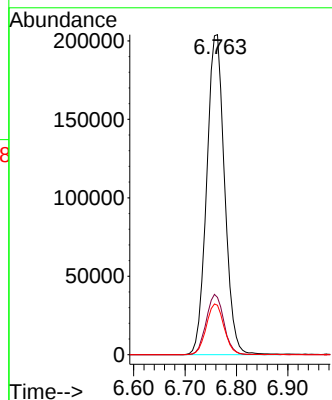
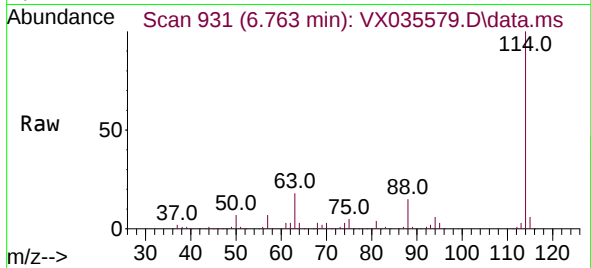




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX035579.D
Acq: 10 May 2023 12:02

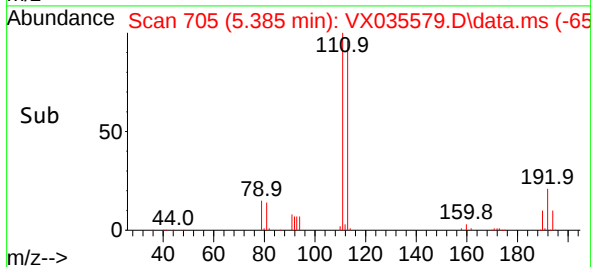
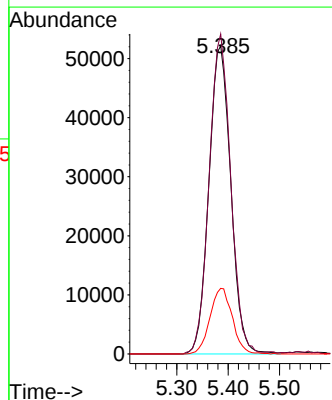
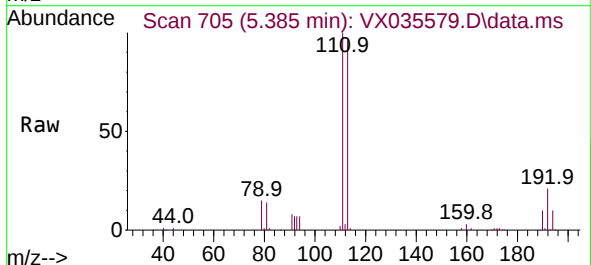
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ClientSampleId :
VX0510WBL01

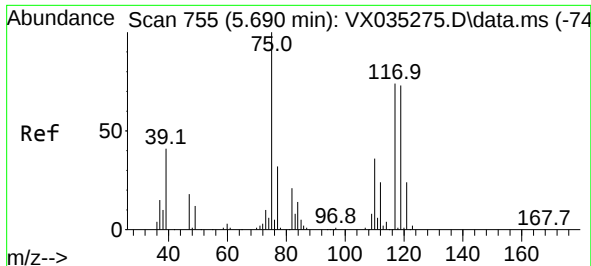
Tgt Ion:114 Resp: 492777
Ion Ratio Lower Upper
114 100
63 17.9 0.0 42.2
88 15.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 51.078 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035579.D
Acq: 10 May 2023 12:02

Tgt Ion:113 Resp: 154485
Ion Ratio Lower Upper
113 100
111 101.8 83.7 125.5
192 21.7 15.4 23.2

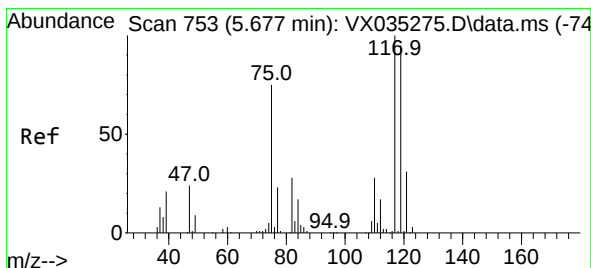
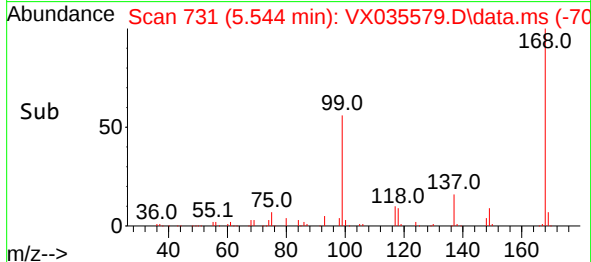
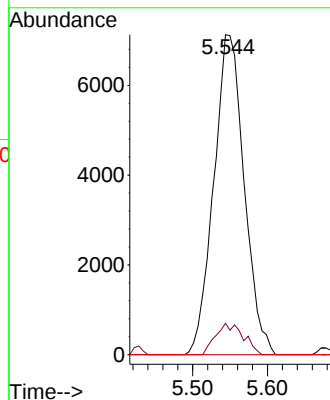
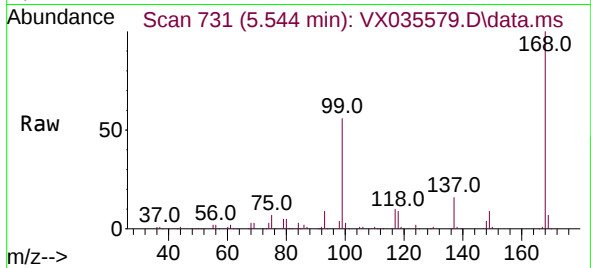




#36
1,1-Dichloropropene
Concen: 4.273 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX035579.D
Acq: 10 May 2023 12:02

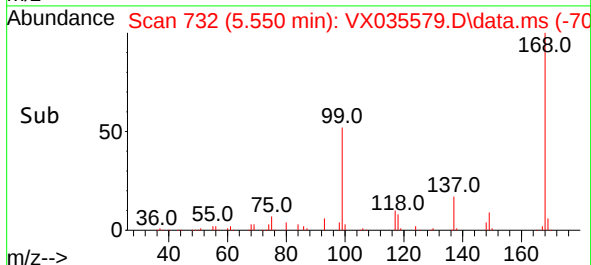
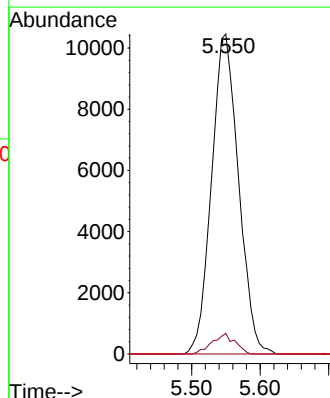
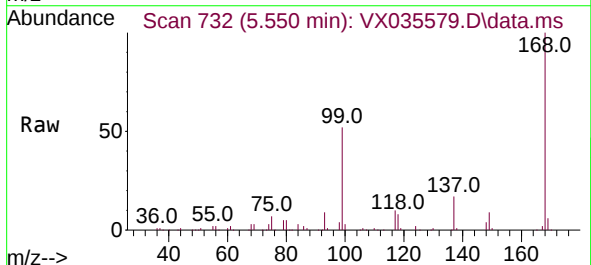
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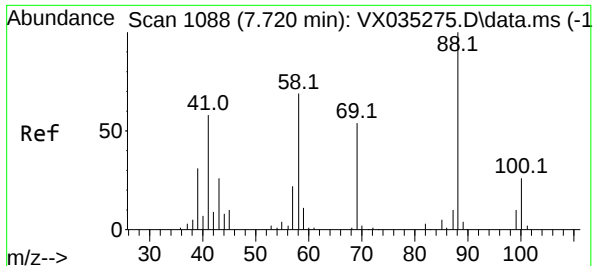
Tgt Ion: 75 Resp: 20179
Ion Ratio Lower Upper
75 100
110 8.9 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.379 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX035579.D
Acq: 10 May 2023 12:02

Tgt Ion: 117 Resp: 28598
Ion Ratio Lower Upper
117 100
119 6.4 76.6 114.8#
121 0.0 23.8 35.6#





#49

1,4-Dioxane

Concen: 13.374 ug/l

RT: 7.714 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VX035579.D

Acq: 10 May 2023 12:02

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBL01

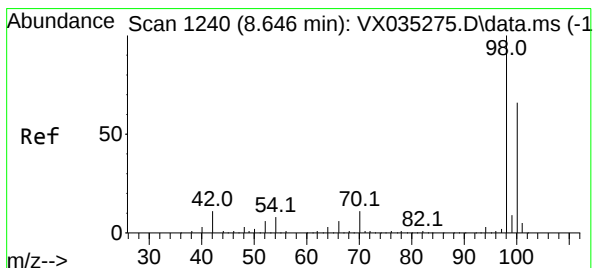
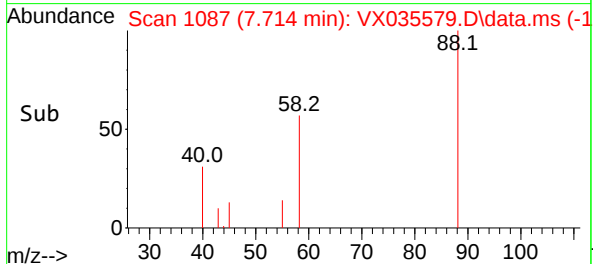
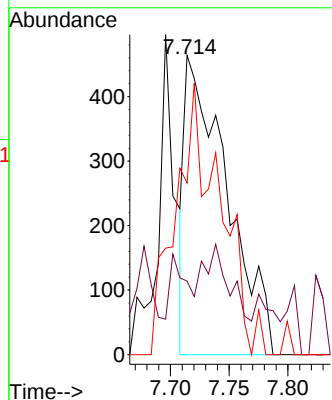
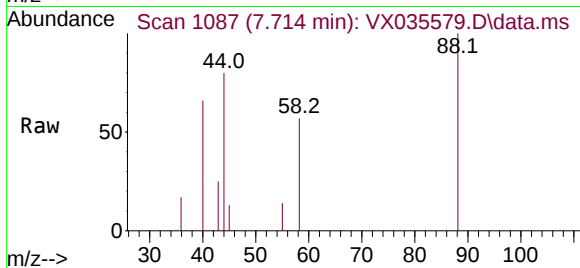
Tgt Ion: 88 Resp: 1159

Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

58 92.5 56.8 85.2#



#50

Toluene-d8

Concen: 49.876 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035579.D

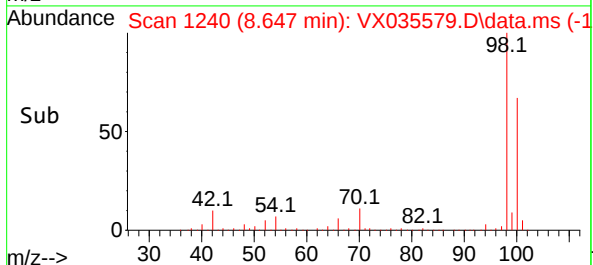
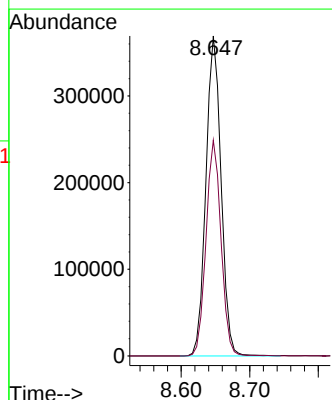
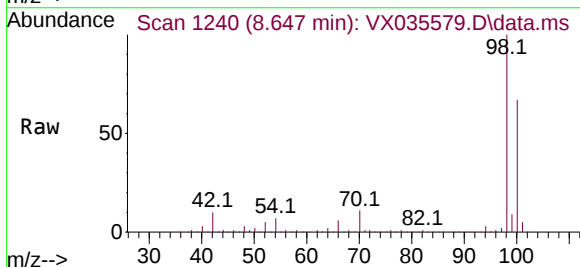
Acq: 10 May 2023 12:02

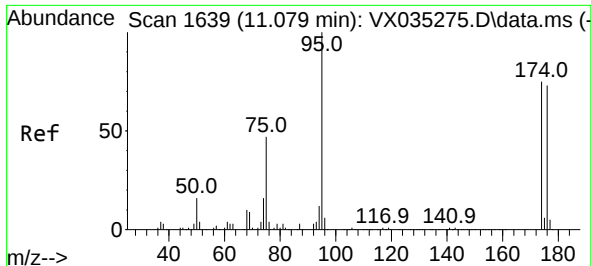
Tgt Ion: 98 Resp: 569056

Ion Ratio Lower Upper

98 100

100 66.8 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 52.950 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035579.D

Acq: 10 May 2023 12:02

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBL01

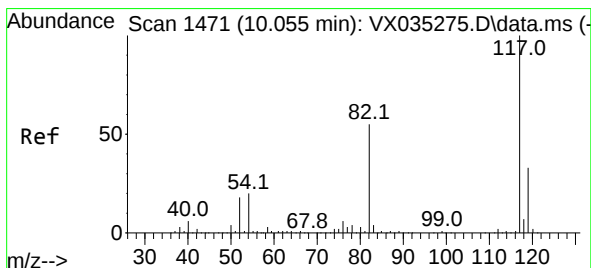
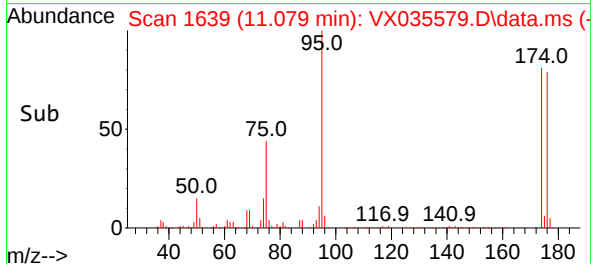
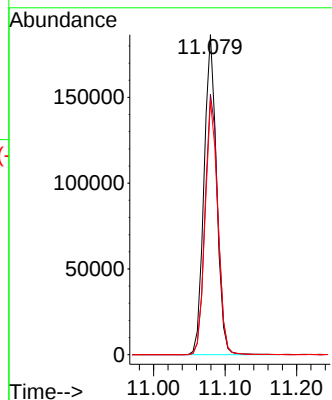
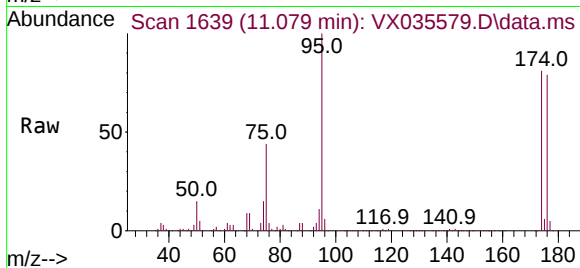
Tgt Ion: 95 Resp: 227264

Ion Ratio Lower Upper

95 100

174 83.6 0.0 147.4

176 80.5 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: VX035579.D

Acq: 10 May 2023 12:02

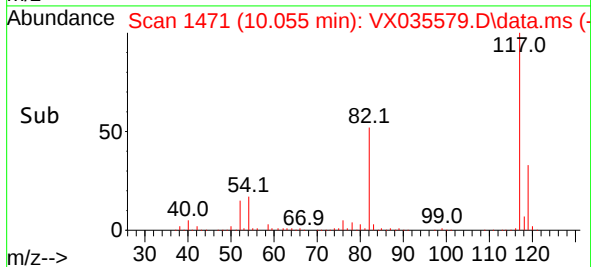
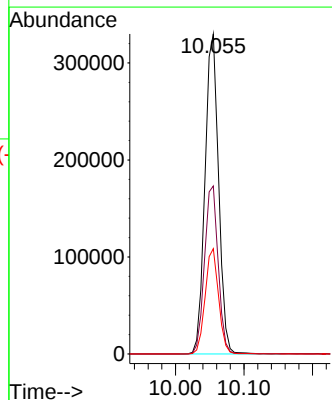
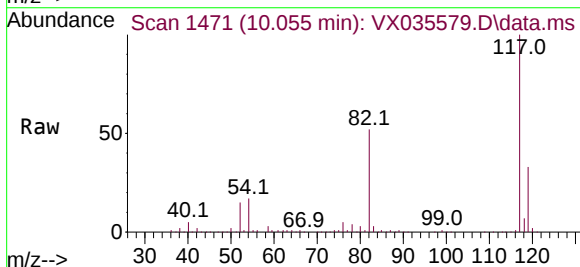
Tgt Ion: 117 Resp: 456660

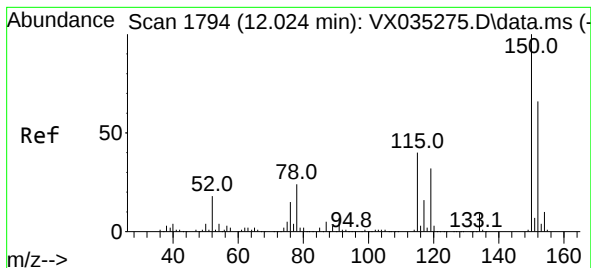
Ion Ratio Lower Upper

117 100

82 52.5 45.0 67.4

119 32.9 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX035579.D

Acq: 10 May 2023 12:02

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBL01

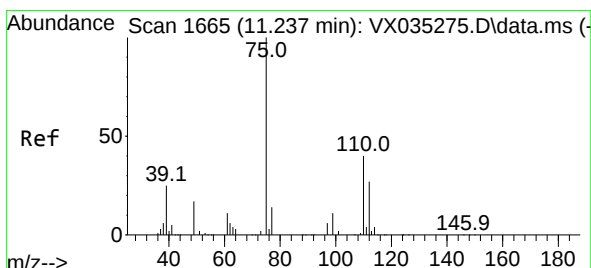
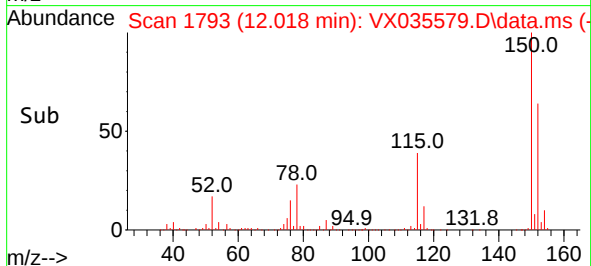
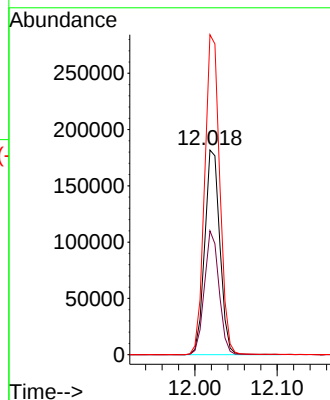
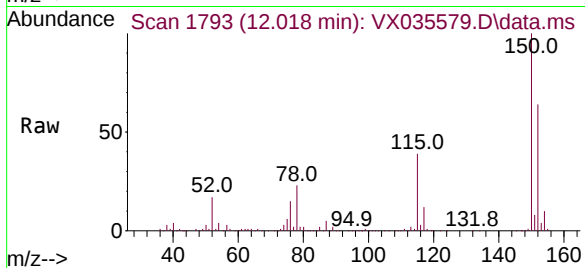
Tgt Ion:152 Resp: 232591

Ion Ratio Lower Upper

152 100

115 58.3 45.0 135.0

150 156.0 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 22.226 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035579.D

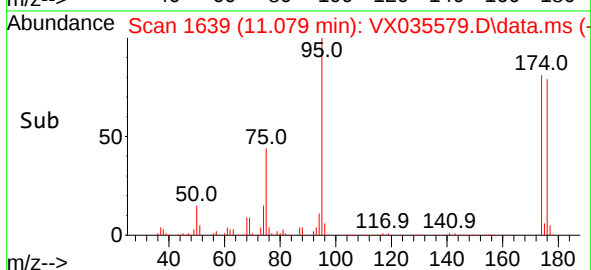
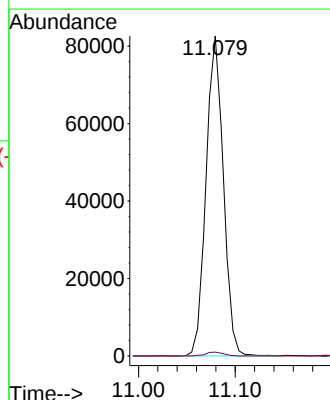
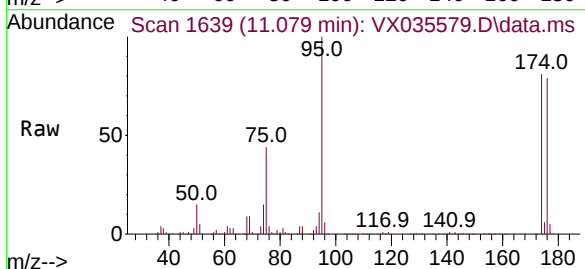
Acq: 10 May 2023 12:02

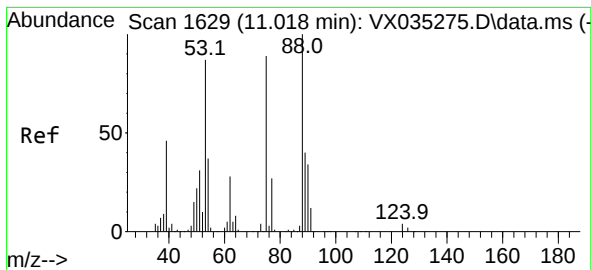
Tgt Ion: 75 Resp: 103119

Ion Ratio Lower Upper

75 100

77 1.3 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.984 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035579.D
 Acq: 10 May 2023 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBL01

Tgt Ion: 75 Resp: 103119
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

