

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051023\
 Data File : VX035578.D
 Acq On : 10 May 2023 11:39
 Operator : JC/MD
 Sample : VX0510MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

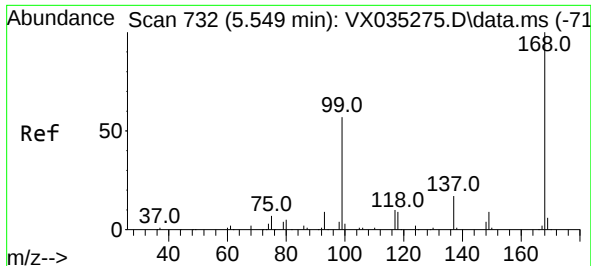
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510MBL01

Quant Time: May 11 04:15:26 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	5.544	168	303684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	486455	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	448788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	216205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	155327	42.395	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.800%		
35) Dibromofluoromethane	5.379	113	152628	51.119	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.240%		
50) Toluene-d8	8.647	98	566147	50.266	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.540%		
62) 4-Bromofluorobenzene	11.079	95	220294	51.993	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.980%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	809	0.277	ug/l #	84
13) Acrolein	2.245	56	550	0.838	ug/l #	60
15) Acrylonitrile	3.075	53	802	0.481	ug/l #	86
16) Acetone	2.404	43	1110	0.698	ug/l #	80
17) Carbon Disulfide	2.514	76	3594	0.508	ug/l #	90
18) Methyl Acetate	2.709	43	1242	0.202	ug/l #	89
20) Methylene Chloride	2.782	84	3737	1.024	ug/l #	82
21) trans-1,2-Dichloroethene	3.087	96	749	0.234	ug/l #	89
25) 2-Butanone	4.574	43	753	0.324	ug/l #	51
31) Cyclohexane	5.544	56	5264	1.013	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	19882	4.265	ug/l #	51
38) Carbon Tetrachloride	5.544	117	29461	6.657	ug/l #	16
49) 1,4-Dioxane	7.726	88	1886	22.046	ug/l #	23
59) 2-Hexanone	9.433	43	702	0.213	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	101212	23.468	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	101212	76.008	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.591	180	1480	0.315	ug/l	86
94) Hexachlorobutadiene	13.725	225	646	0.314	ug/l	96
95) Naphthalene	13.774	128	5825	0.403	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	1656	0.350	ug/l	85

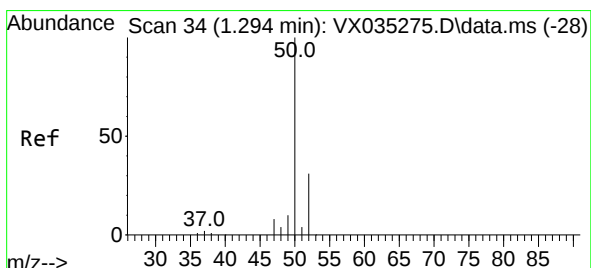
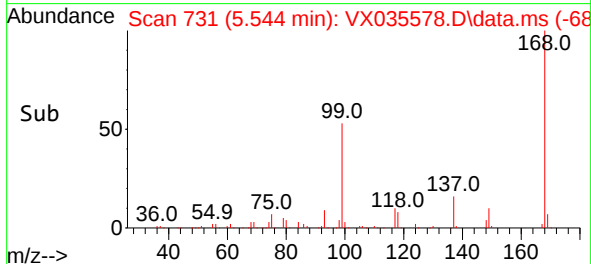
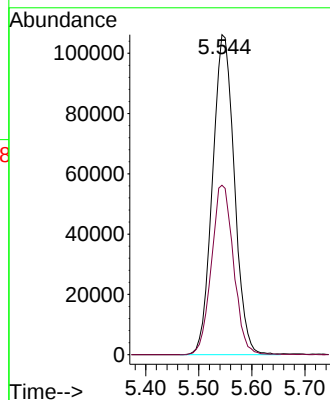
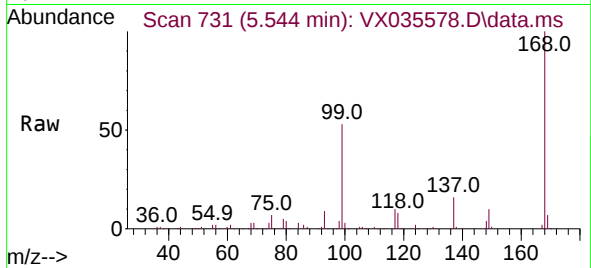
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.005 min
Lab File: VX035578.D
Acq: 10 May 2023 11:39

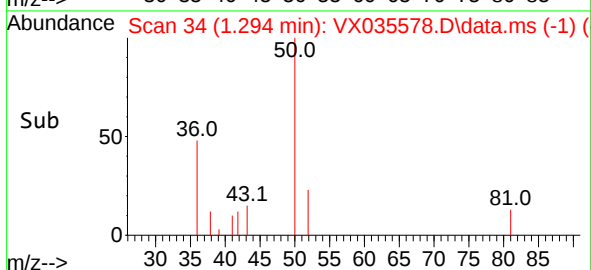
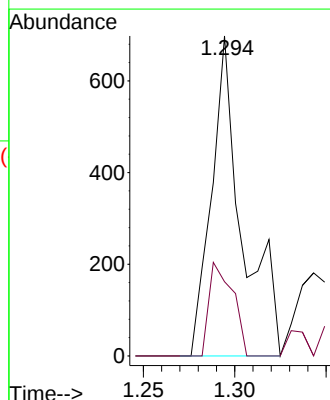
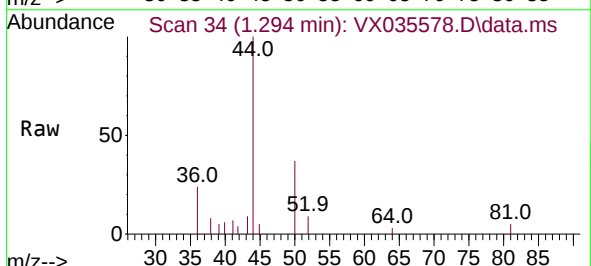
Instrument :
MSVOA_X
ClientSampleId :
VX0510MBL01

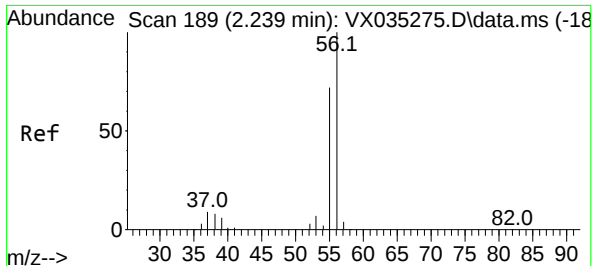
Tgt Ion:168 Resp: 303684
Ion Ratio Lower Upper
168 100
99 53.0 45.7 68.5



#3
Chloromethane
Concen: 0.277 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035578.D
Acq: 10 May 2023 11:39

Tgt Ion: 50 Resp: 809
Ion Ratio Lower Upper
50 100
52 23.2 25.9 38.9#

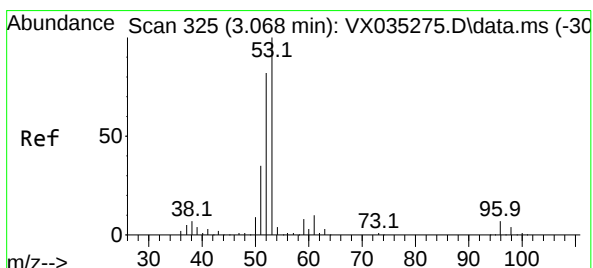
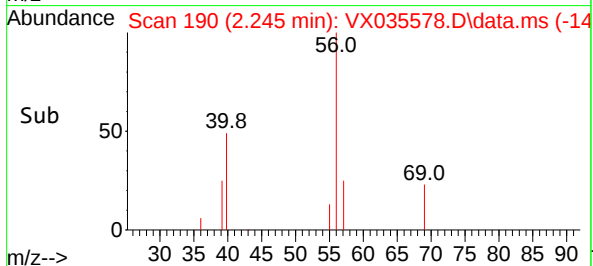
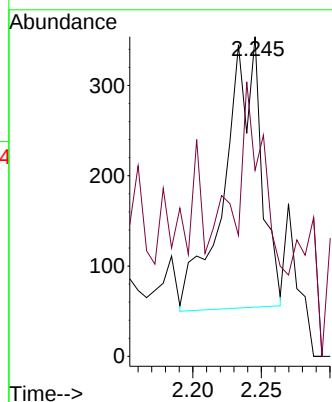
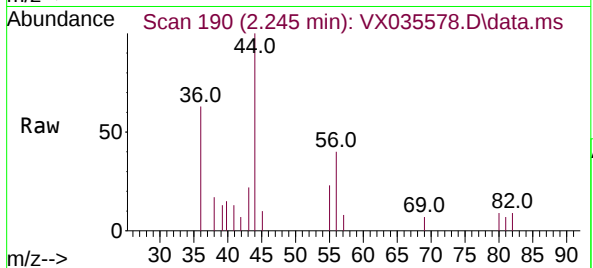




#13
Acrolein
Concen: 0.838 ug/l
RT: 2.245 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX035578.D
Acq: 10 May 2023 11:39

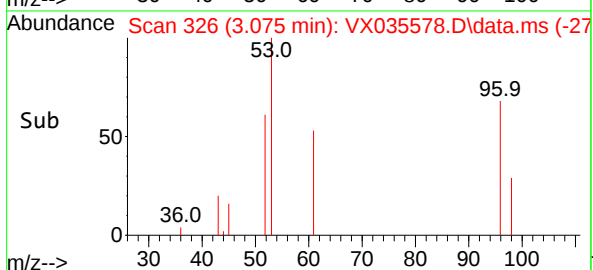
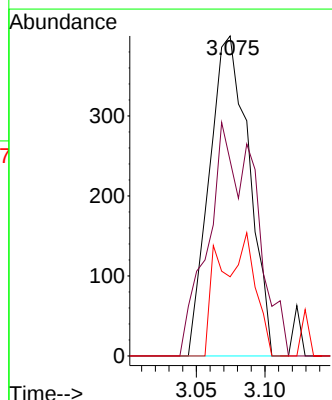
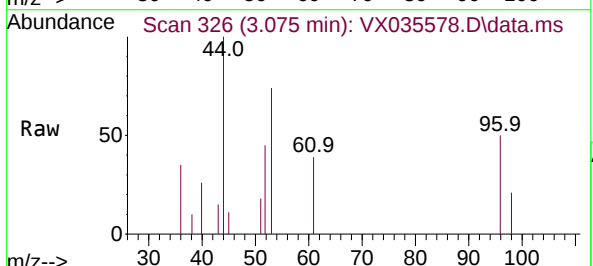
Instrument :
MSVOA_X
ClientSampleId :
VX0510MBL01

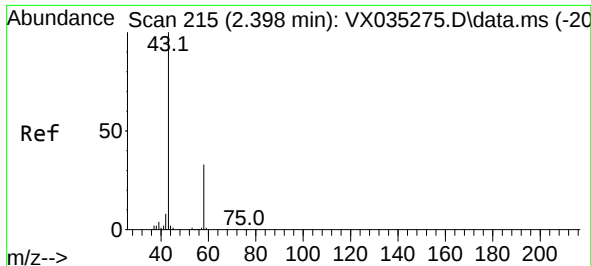
Tgt Ion: 56 Resp: 550
Ion Ratio Lower Upper
56 100
55 104.0 56.6 85.0#



#15
Acrylonitrile
Concen: 0.481 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.007 min
Lab File: VX035578.D
Acq: 10 May 2023 11:39

Tgt Ion: 53 Resp: 802
Ion Ratio Lower Upper
53 100
52 87.4 66.2 99.2
51 15.6 28.3 42.5#

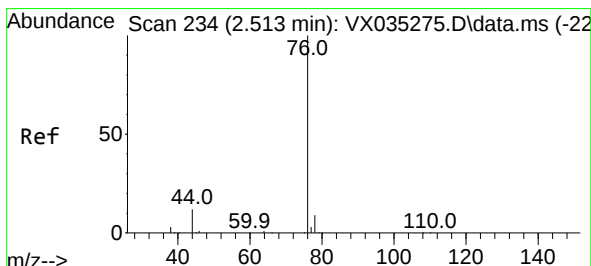
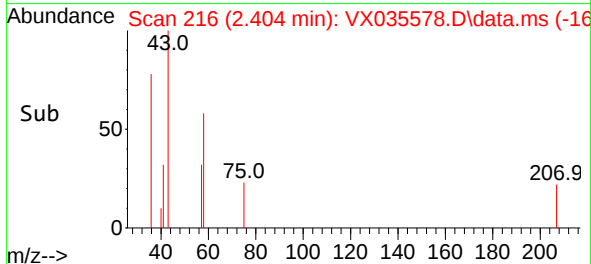
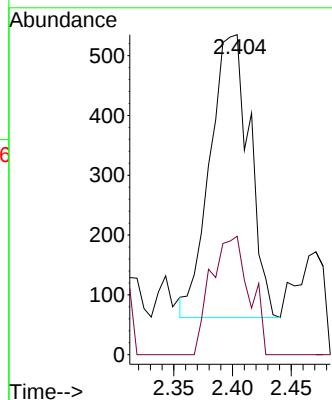
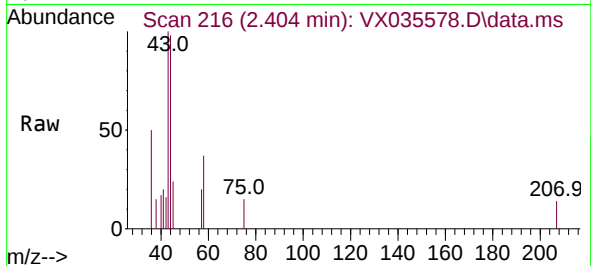




#16
Acetone
Concen: 0.698 ug/l
RT: 2.404 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX035578.D
Acq: 10 May 2023 11:39

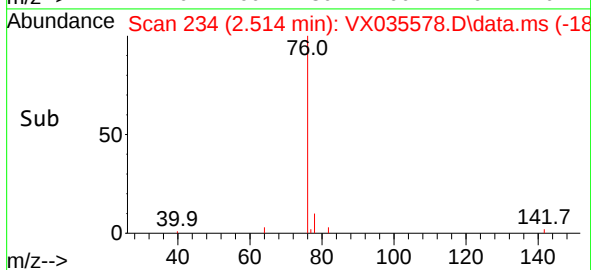
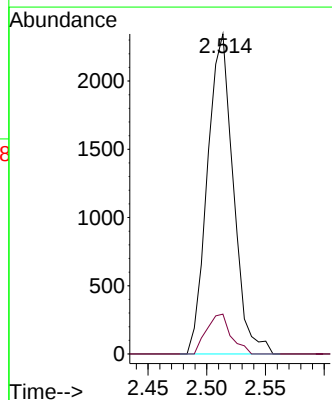
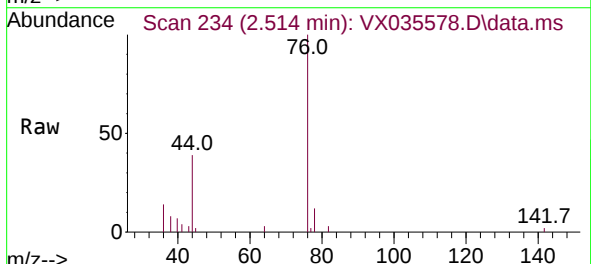
Instrument :
MSVOA_X
ClientSampleId :
VX0510MBL01

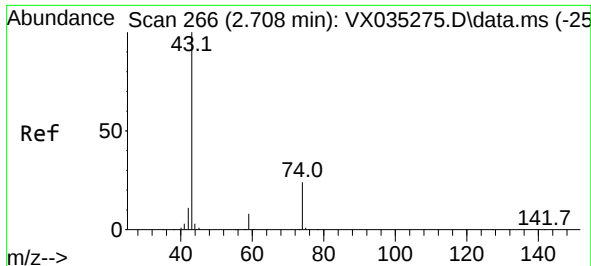
Tgt Ion: 43 Resp: 1110
Ion Ratio Lower Upper
43 100
58 41.9 24.7 37.1#



#17
Carbon Disulfide
Concen: 0.508 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.001 min
Lab File: VX035578.D
Acq: 10 May 2023 11:39

Tgt Ion: 76 Resp: 3594
Ion Ratio Lower Upper
76 100
78 12.5 7.2 10.8#

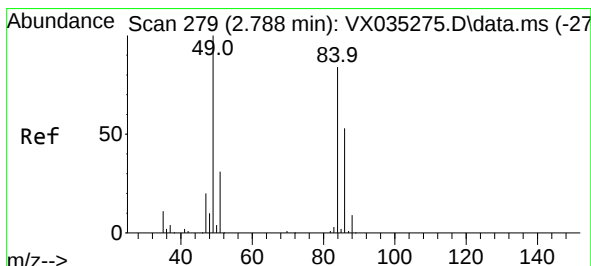
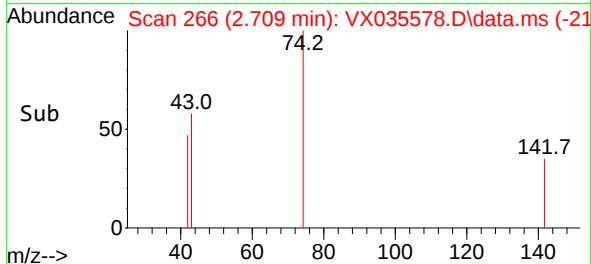
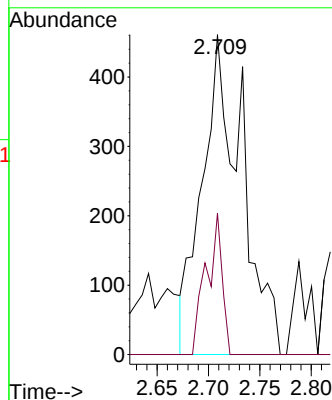
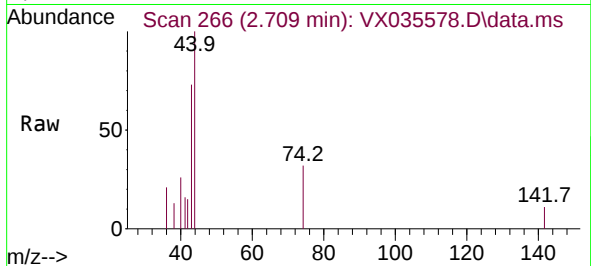




#18
Methyl Acetate
Concen: 0.202 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.001 min
Lab File: VX035578.D
Acq: 10 May 2023 11:39

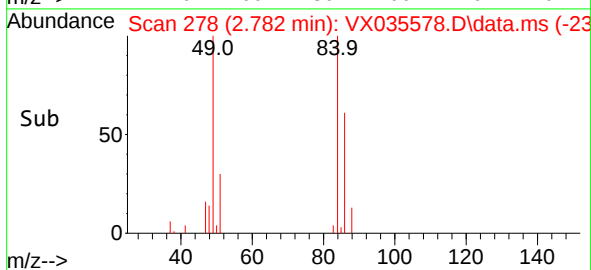
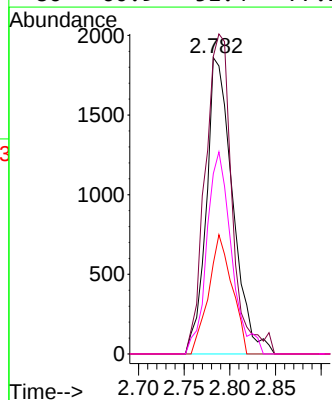
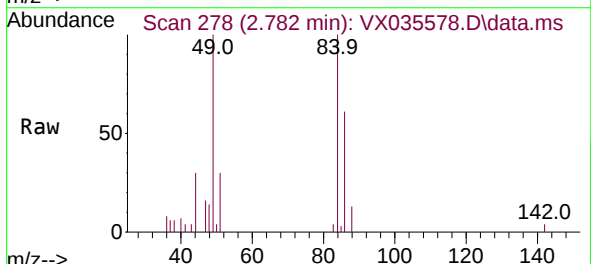
Instrument :
MSVOA_X
ClientSampleId :
VX0510MBL01

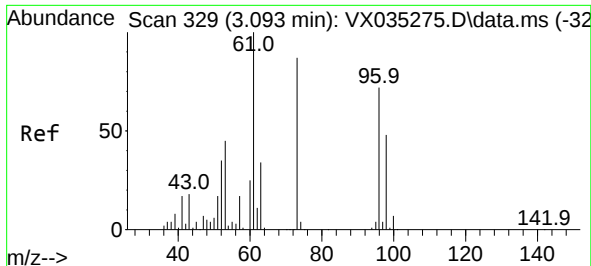
Tgt Ion: 43 Resp: 1242
Ion Ratio Lower Upper
43 100
74 17.8 18.3 27.5#



#20
Methylene Chloride
Concen: 1.024 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX035578.D
Acq: 10 May 2023 11:39

Tgt Ion: 84 Resp: 3737
Ion Ratio Lower Upper
84 100
49 100.4 103.8 155.8#
51 30.6 31.8 47.8#
86 60.9 51.4 77.2

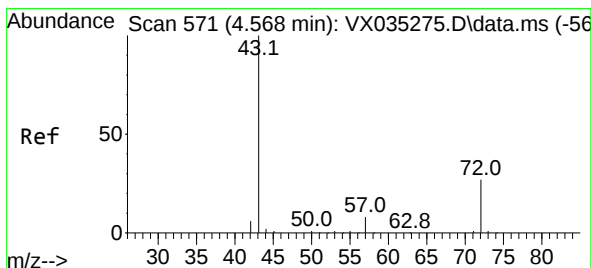
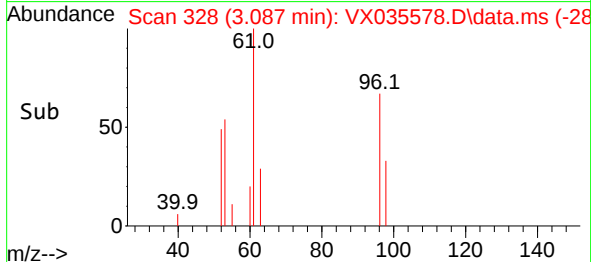
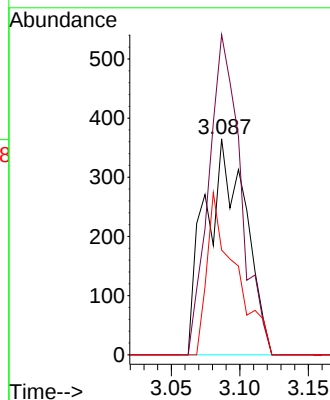
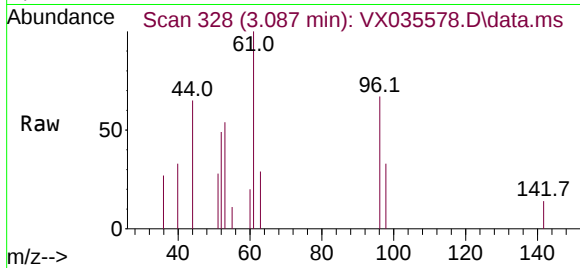




#21
trans-1,2-Dichloroethene
Concen: 0.234 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX035578.D
Acq: 10 May 2023 11:39

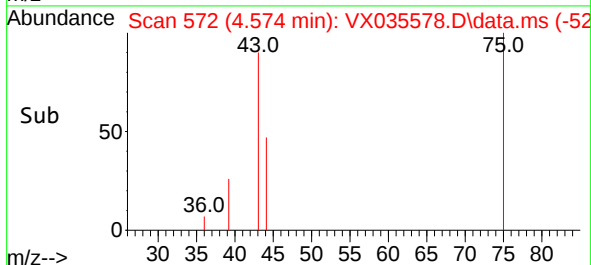
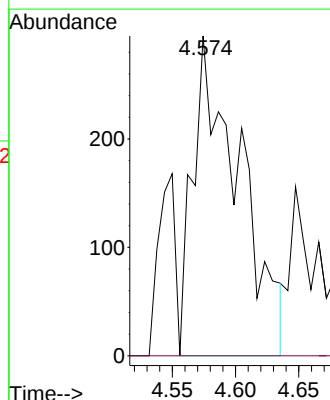
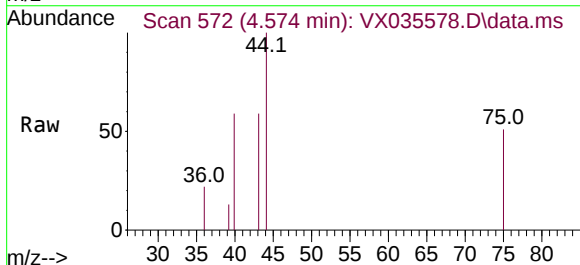
Instrument :
MSVOA_X
ClientSampleId :
VX0510MBL01

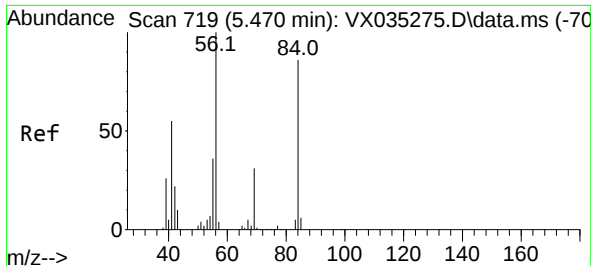
Tgt Ion: 96 Resp: 749
Ion Ratio Lower Upper
96 100
61 148.2 113.0 169.6
98 48.5 52.1 78.1#



#25
2-Butanone
Concen: 0.324 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX035578.D
Acq: 10 May 2023 11:39

Tgt Ion: 43 Resp: 753
Ion Ratio Lower Upper
43 100
72 0.0 19.3 28.9#

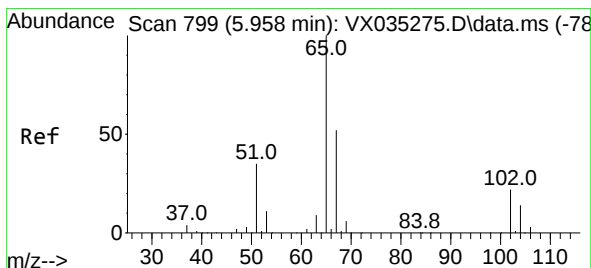
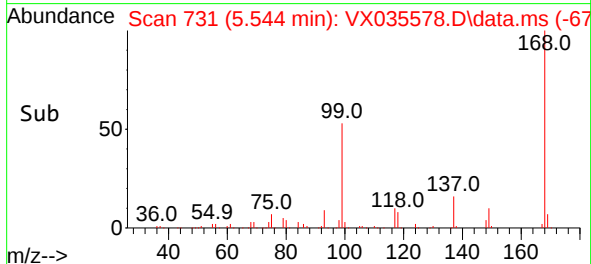
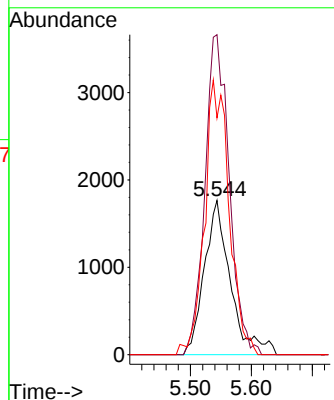
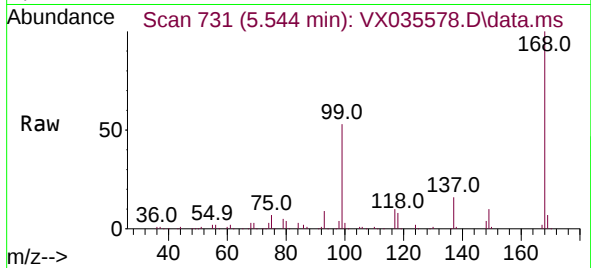




#31
Cyclohexane
Concen: 1.013 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX035578.D
Acq: 10 May 2023 11:39

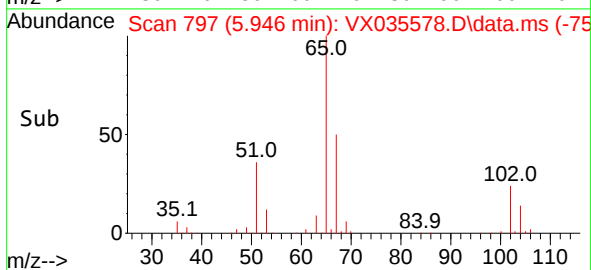
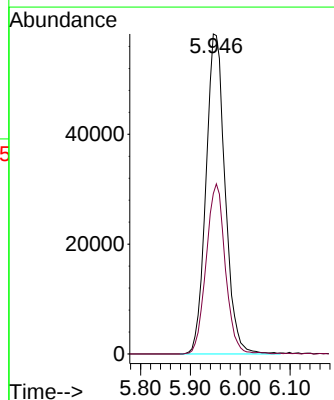
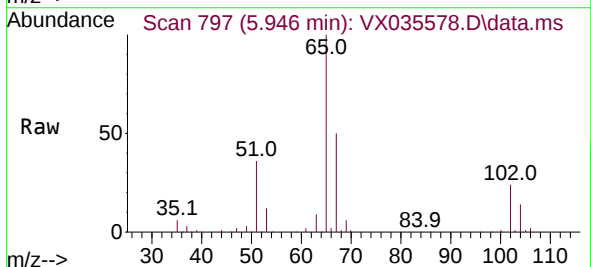
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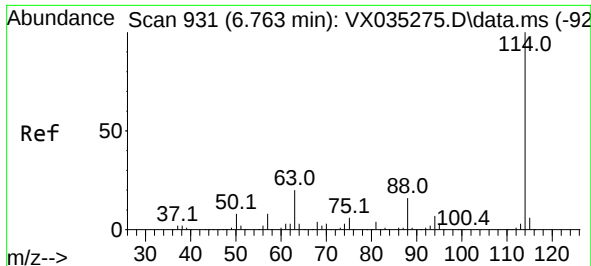
Tgt Ion: 56 Resp: 5264
Ion Ratio Lower Upper
56 100
69 207.5 23.7 35.5#
84 153.5 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 42.395 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.012 min
Lab File: VX035578.D
Acq: 10 May 2023 11:39

Tgt Ion: 65 Resp: 155327
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.0

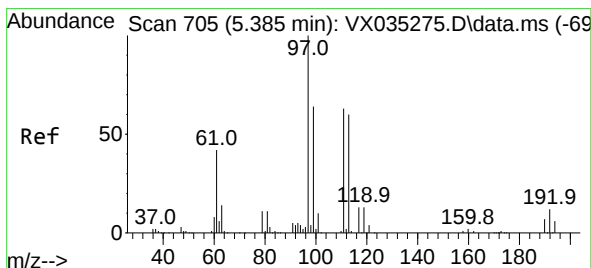
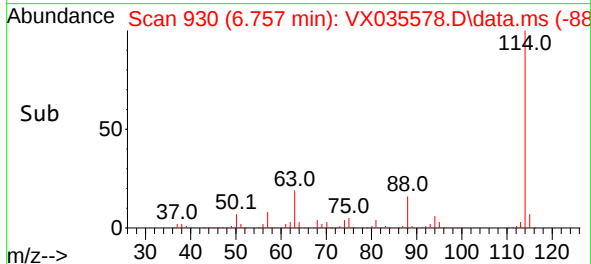
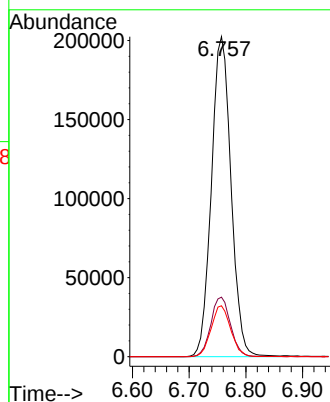
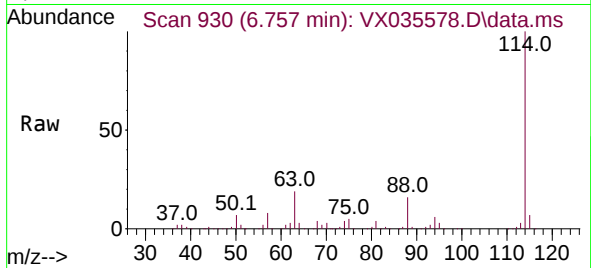




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX035578.D
Acq: 10 May 2023 11:39

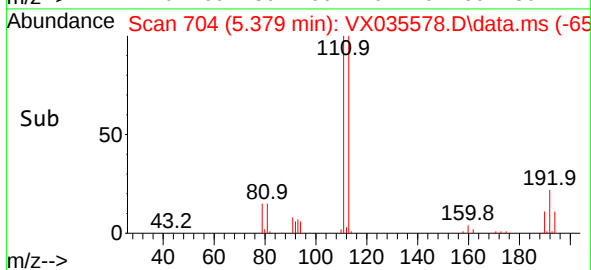
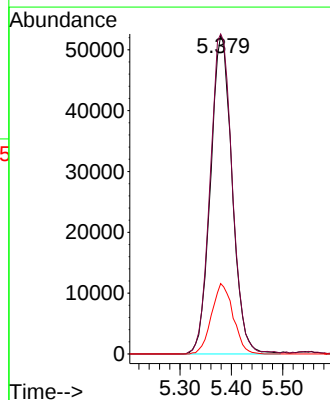
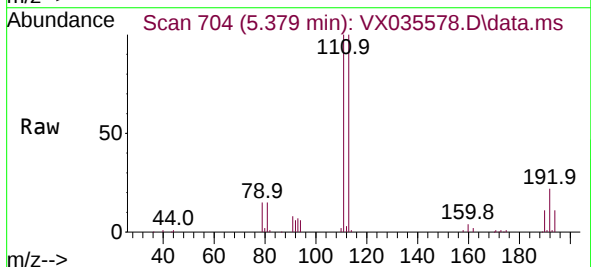
Instrument :
MSVOA_X
ClientSampleId :
VX0510MBL01

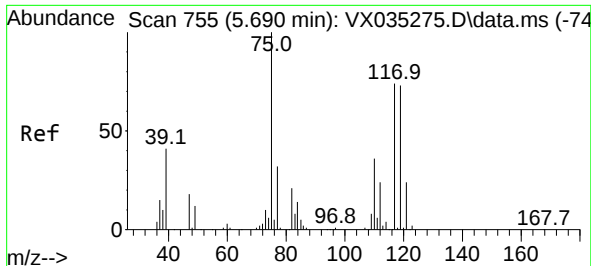
Tgt Ion:114 Resp: 486455
Ion Ratio Lower Upper
114 100
63 18.6 0.0 42.2
88 15.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 51.119 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035578.D
Acq: 10 May 2023 11:39

Tgt Ion:113 Resp: 152628
Ion Ratio Lower Upper
113 100
111 102.9 83.7 125.5
192 22.1 15.4 23.2

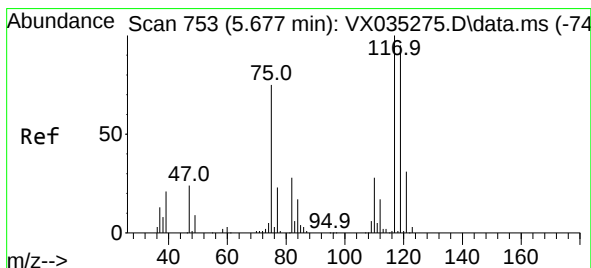
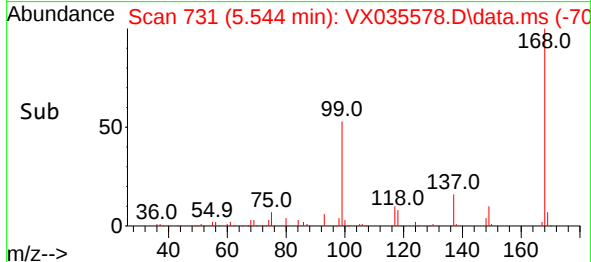
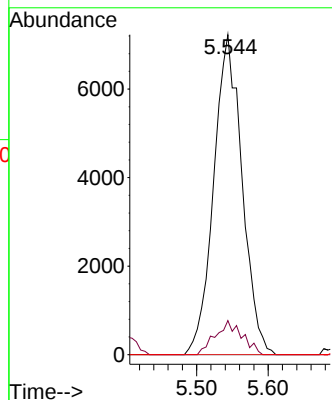
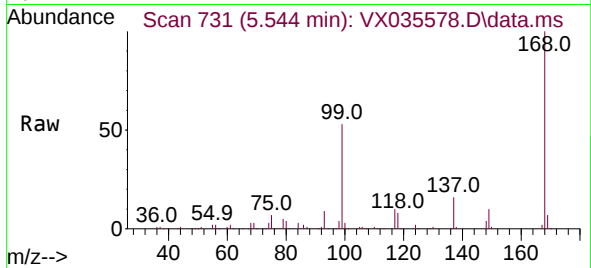




#36
1,1-Dichloropropene
Concen: 4.265 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX035578.D
Acq: 10 May 2023 11:39

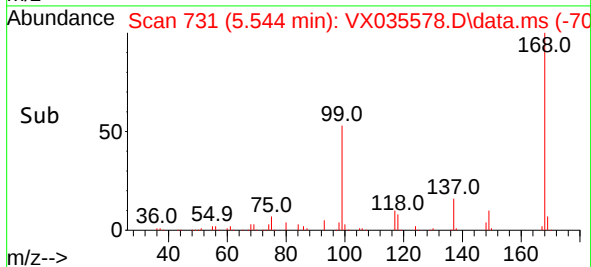
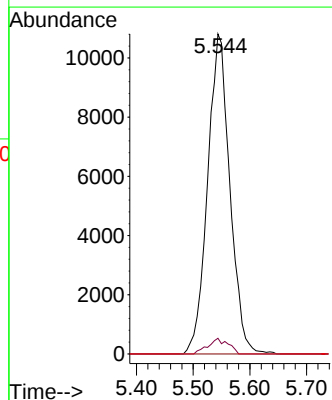
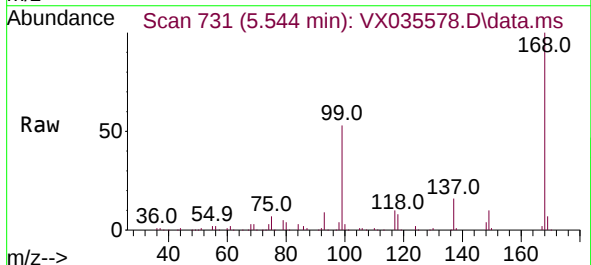
Instrument :
MSVOA_X
ClientSampleId :
VX0510MBL01

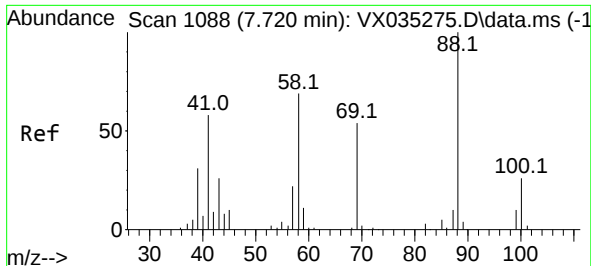
Tgt Ion: 75 Resp: 19882
Ion Ratio Lower Upper
75 100
110 10.0 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.657 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.133 min
Lab File: VX035578.D
Acq: 10 May 2023 11:39

Tgt Ion: 117 Resp: 29461
Ion Ratio Lower Upper
117 100
119 4.9 76.6 114.8#
121 0.0 23.8 35.6#





#49

1,4-Dioxane

Concen: 22.046 ug/l

RT: 7.726 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX035578.D

Acq: 10 May 2023 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBL01

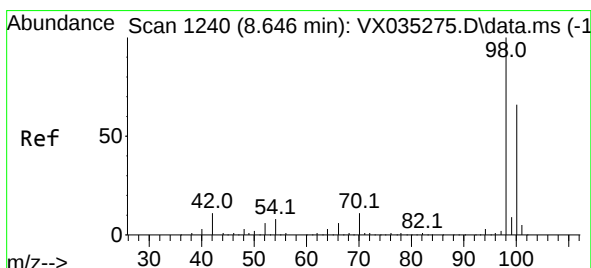
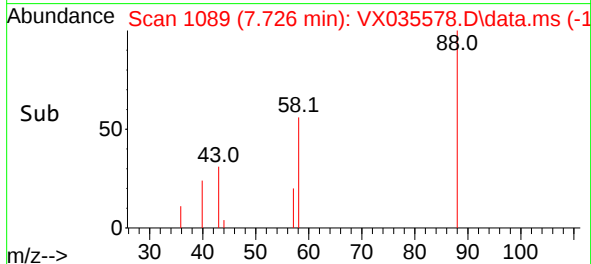
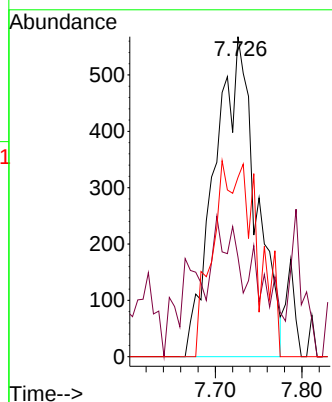
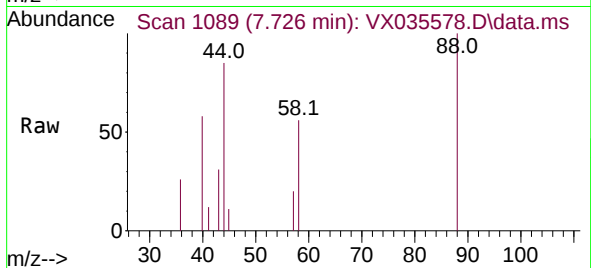
Tgt Ion: 88 Resp: 1886

Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

58 0.0 56.8 85.2#



#50

Toluene-d8

Concen: 50.266 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035578.D

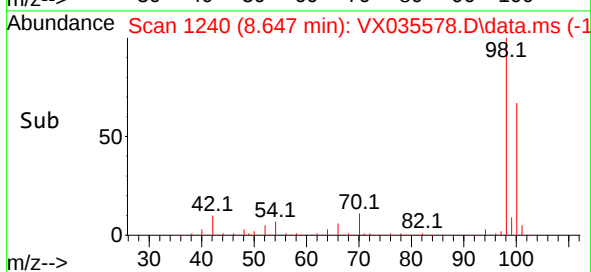
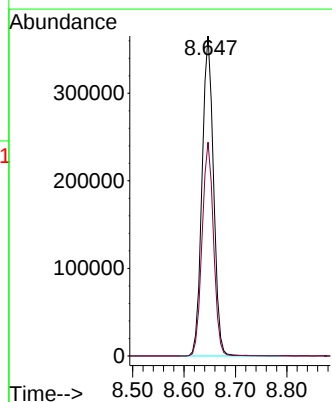
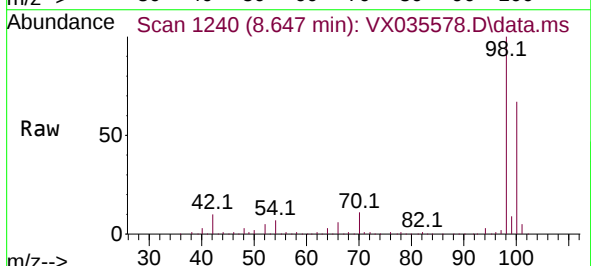
Acq: 10 May 2023 11:39

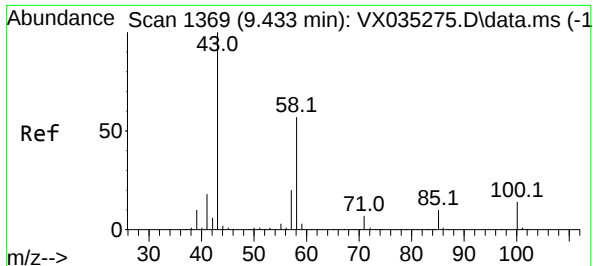
Tgt Ion: 98 Resp: 566147

Ion Ratio Lower Upper

98 100

100 66.6 52.5 78.7





#59

2-Hexanone

Concen: 0.213 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX035578.D

Acq: 10 May 2023 11:39

Instrument :

MSVOA_X

ClientSampleId :

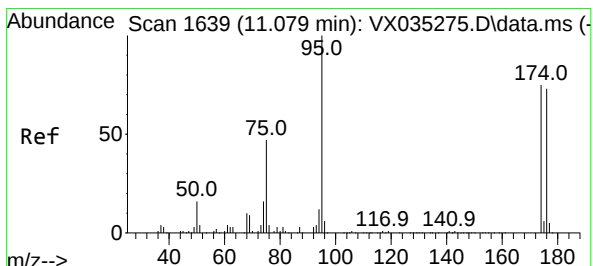
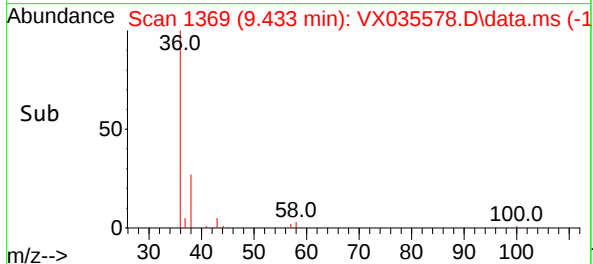
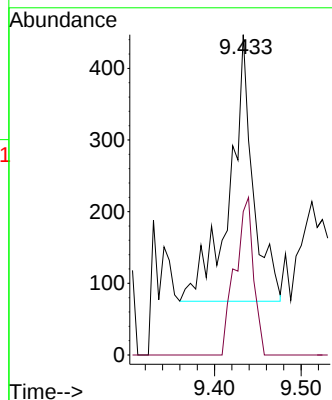
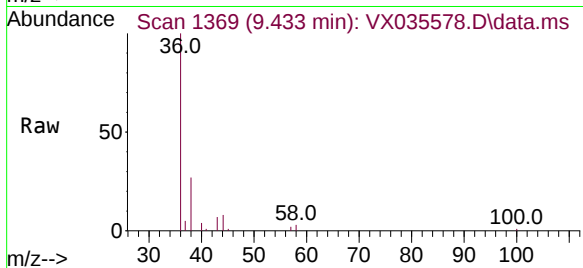
VX0510MBL01

Tgt Ion: 43 Resp: 702

Ion Ratio Lower Upper

43 100

58 46.0 26.3 78.9



#62

4-Bromofluorobenzene

Concen: 51.993 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035578.D

Acq: 10 May 2023 11:39

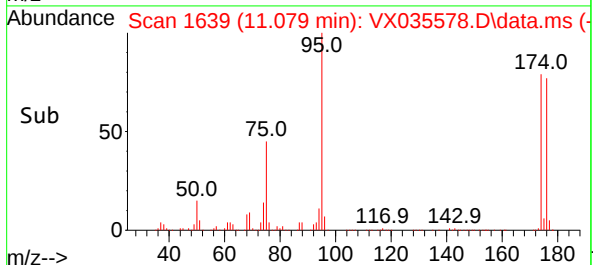
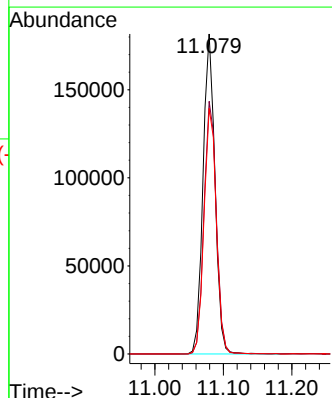
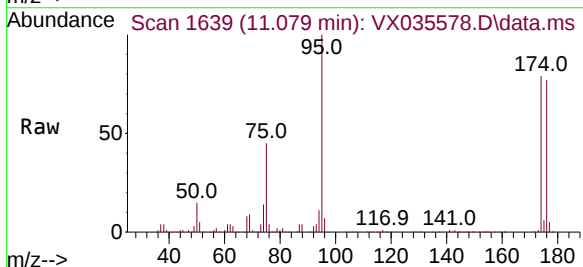
Tgt Ion: 95 Resp: 220294

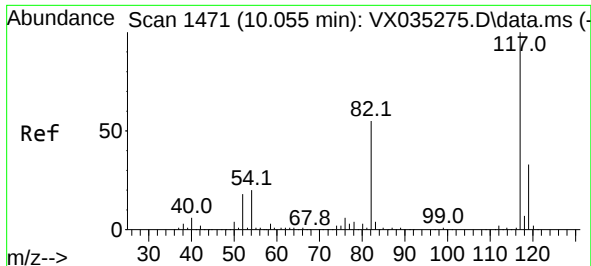
Ion Ratio Lower Upper

95 100

174 82.1 0.0 147.4

176 79.4 0.0 140.6

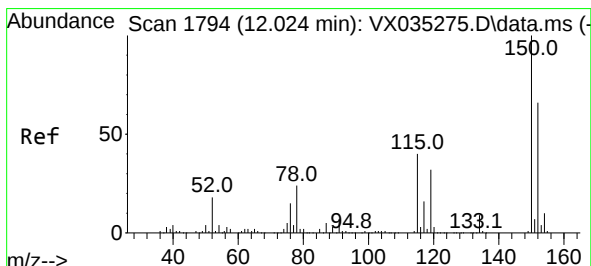
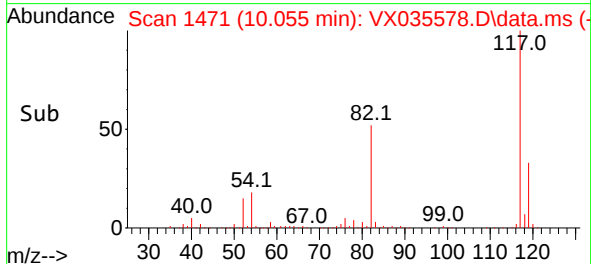
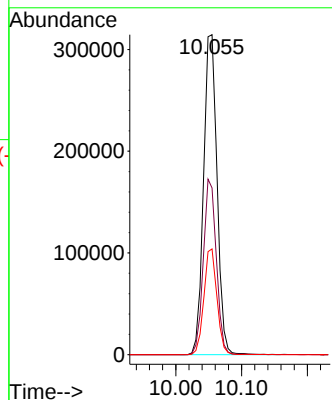
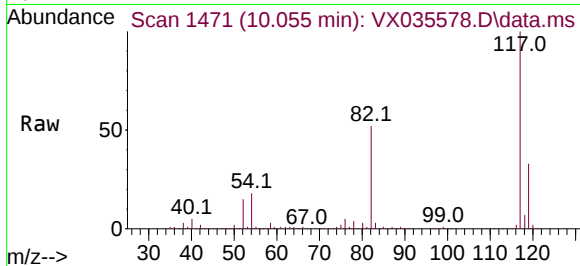




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035578.D
Acq: 10 May 2023 11:39

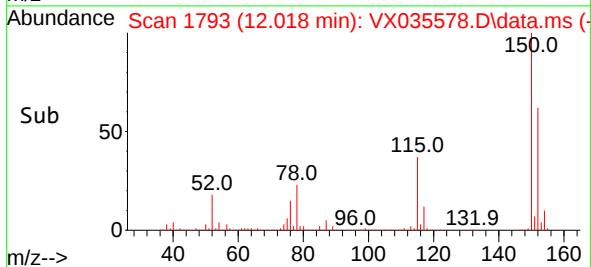
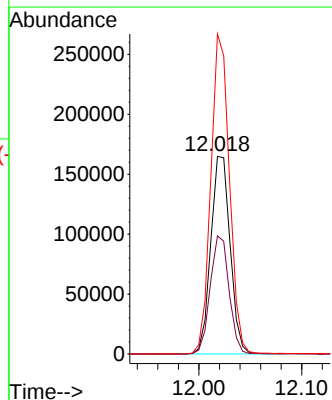
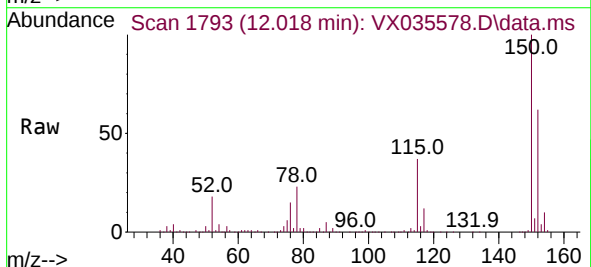
Instrument :
MSVOA_X
ClientSampleId :
VX0510MBL01

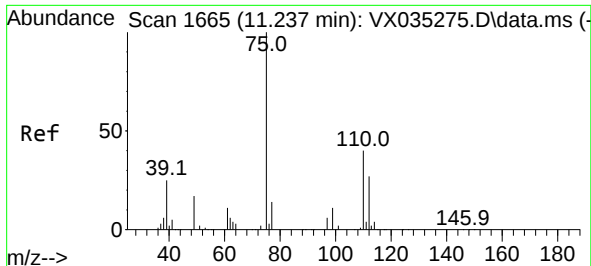
Tgt Ion:117 Resp: 448788
Ion Ratio Lower Upper
117 100
82 52.1 45.0 67.4
119 33.1 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX035578.D
Acq: 10 May 2023 11:39

Tgt Ion:152 Resp: 216205
Ion Ratio Lower Upper
152 100
115 58.3 45.0 135.0
150 156.1 0.0 352.4

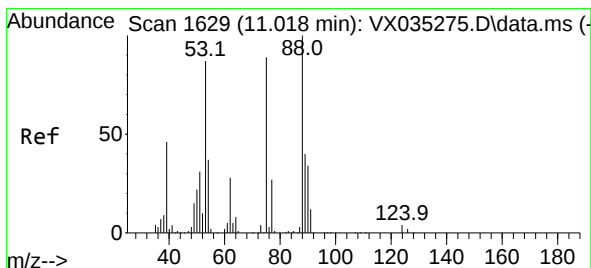
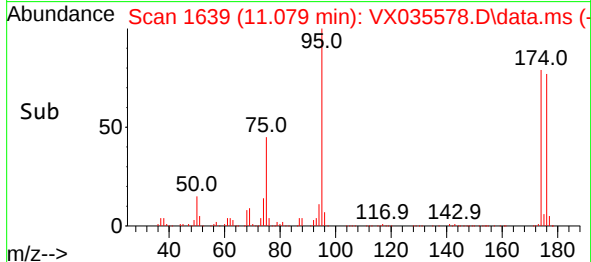
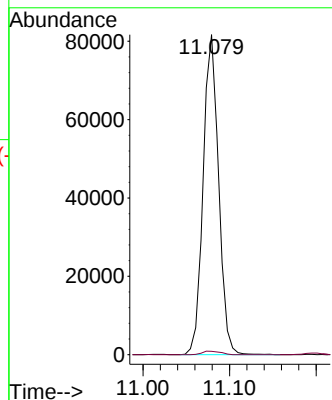
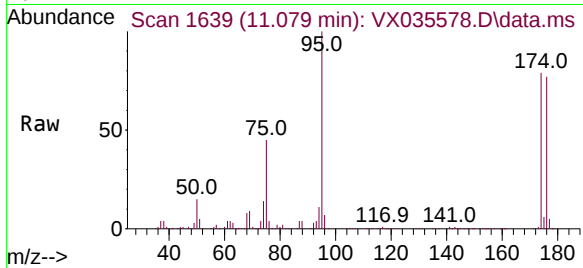




#76
1,2,3-Trichloropropane
Concen: 23.468 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035578.D
Acq: 10 May 2023 11:39

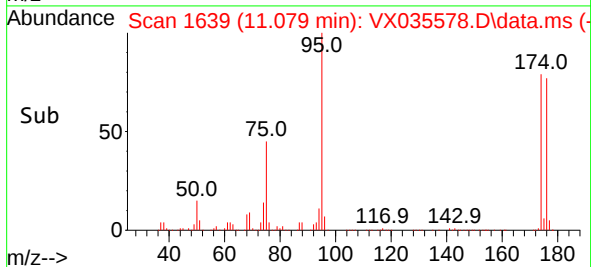
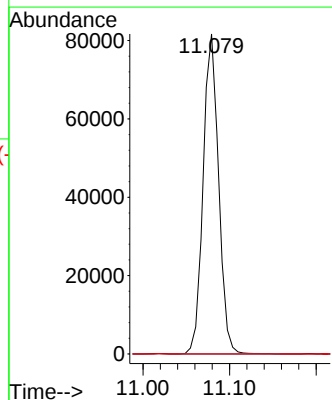
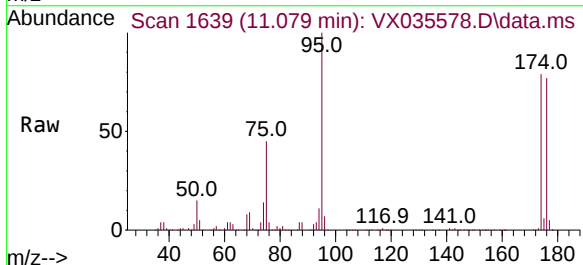
Instrument :
MSVOA_X
ClientSampleId :
VX0510MBL01

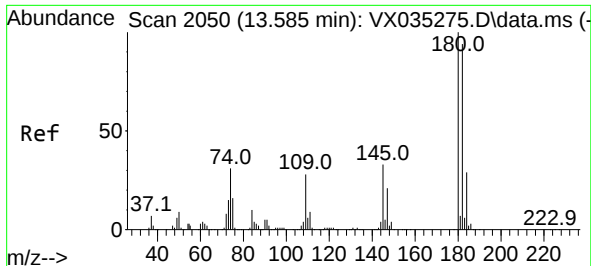
Tgt Ion: 75 Resp: 101212
Ion Ratio Lower Upper
75 100
77 1.3 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.008 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035578.D
Acq: 10 May 2023 11:39

Tgt Ion: 75 Resp: 101212
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

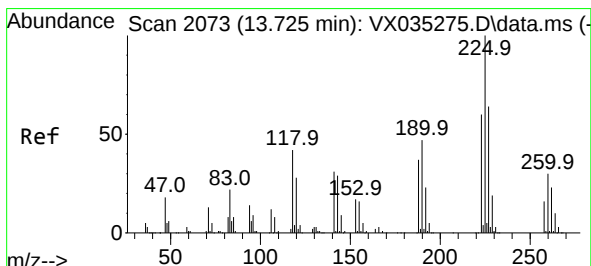
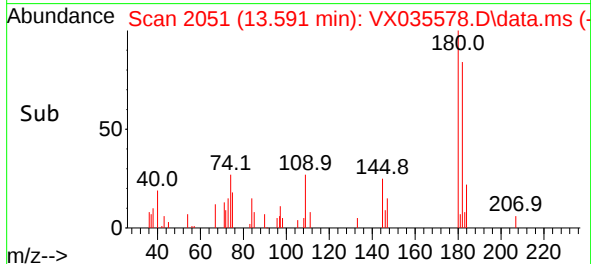
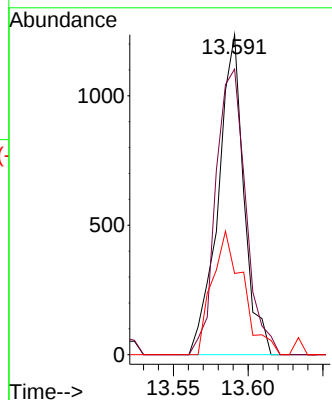
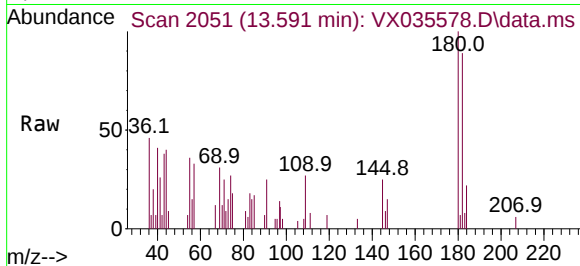




#93
1,2,4-Trichlorobenzene
Concen: 0.315 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX035578.D
Acq: 10 May 2023 11:39

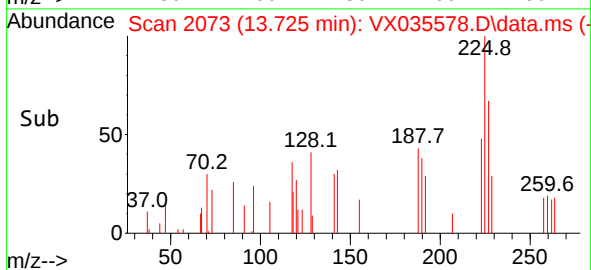
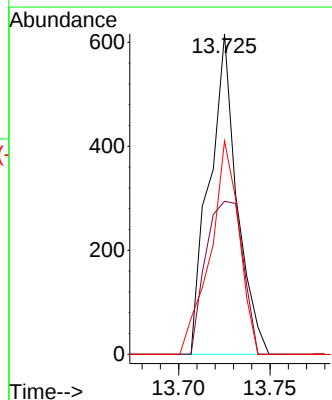
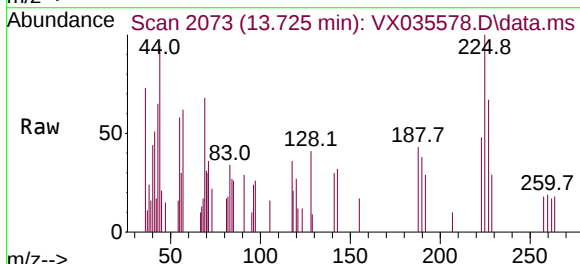
Instrument :
MSVOA_X
ClientSampleId :
VX0510MBL01

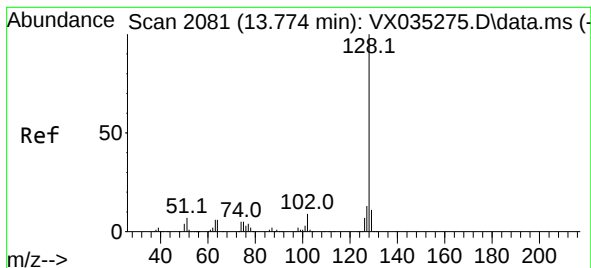
Tgt Ion:180 Resp: 1480
Ion Ratio Lower Upper
180 100
182 103.5 47.0 141.0
145 46.5 15.9 47.7



#94
Hexachlorobutadiene
Concen: 0.314 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035578.D
Acq: 10 May 2023 11:39

Tgt Ion:225 Resp: 646
Ion Ratio Lower Upper
225 100
223 64.7 32.1 96.5
227 69.5 31.8 95.4





#95

Naphthalene

Concen: 0.403 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035578.D

Acq: 10 May 2023 11:39

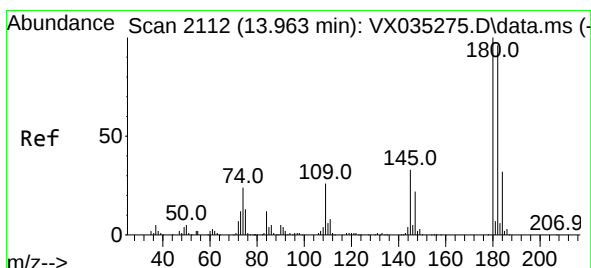
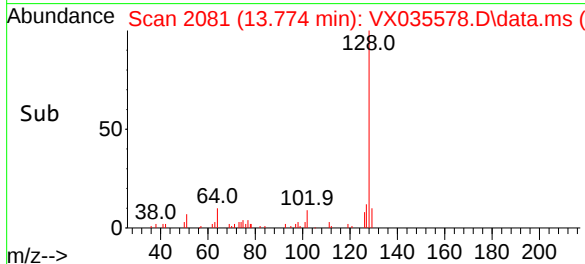
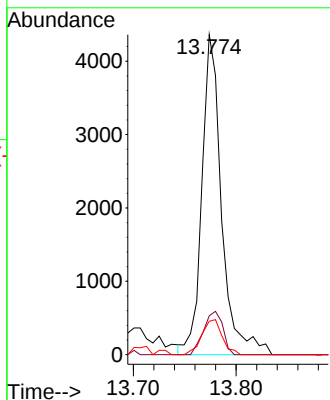
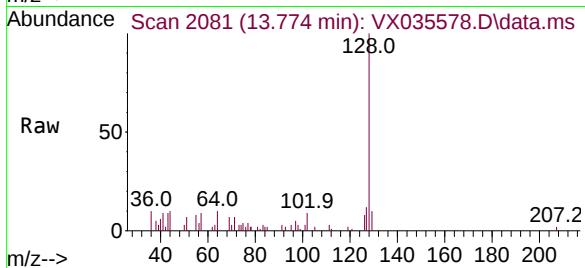
Instrument :

MSVOA_X

ClientSampleId :

VX0510MBL01

Tgt Ion:	128	Resp:	5825
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	11.3	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.350 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX035578.D

Acq: 10 May 2023 11:39

Tgt Ion:	180	Resp:	1656
Ion	Ratio	Lower	Upper
180	100		
182	114.9	48.0	144.2
145	33.8	17.7	53.1

