

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041223\
 Data File : VX035007.D
 Acq On : 11 Apr 2023 14:21
 Operator : JC/MD
 Sample : VX0412WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBL01

Quant Time: Apr 12 05:48:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

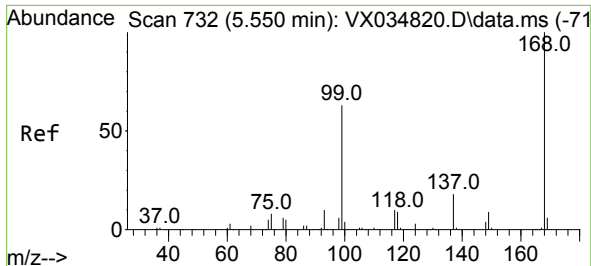
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	276994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	473173	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	426376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	189064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	198859	46.943	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.880%		
35) Dibromofluoromethane	5.385	113	150774	48.176	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.360%		
50) Toluene-d8	8.647	98	571534	49.476	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.960%		
62) 4-Bromofluorobenzene	11.079	95	212740	47.590	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.180%		
Target Compounds						
					Qvalue	
13) Acrolein	2.239	56	195	0.255	ug/l #	52
16) Acetone	2.398	43	996	0.579	ug/l	97
17) Carbon Disulfide	2.514	76	1438	0.202	ug/l #	80
20) Methylene Chloride	2.794	84	1126	0.332	ug/l	95
31) Cyclohexane	5.550	56	6420	1.245	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	23670	5.105	ug/l #	50
38) Carbon Tetrachloride	5.556	117	29410	6.728	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	2764	0.576	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	110680	29.054	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	110680	87.072	ug/l #	8
94) Hexachlorobutadiene	13.725	225	1323	0.850	ug/l	95

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

Quant Time: Apr 12 05:48:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

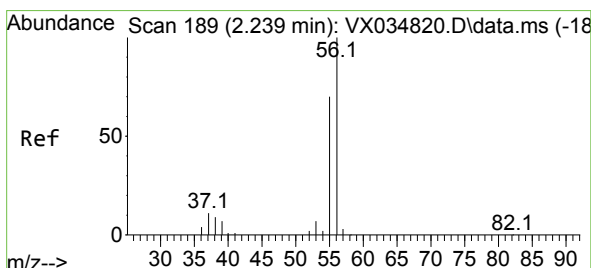
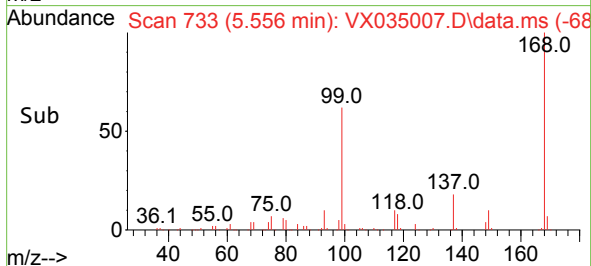
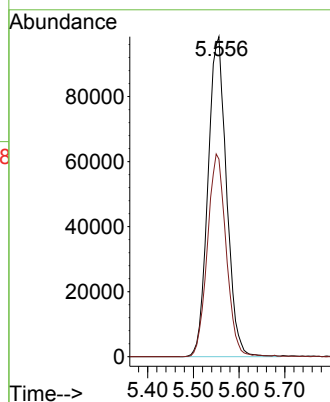
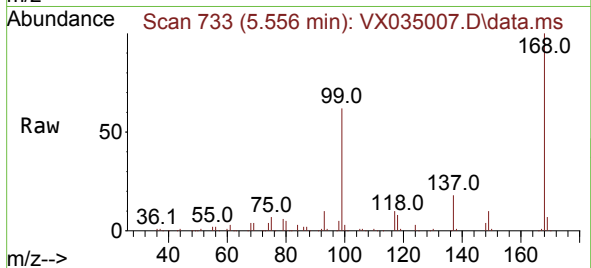




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035007.D
Acq: 11 Apr 2023 14:21

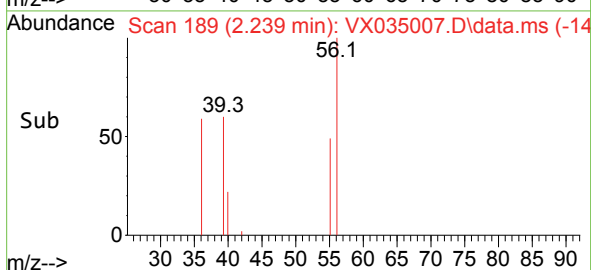
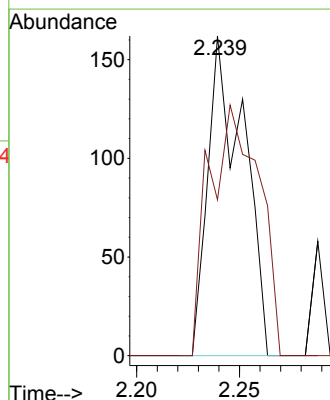
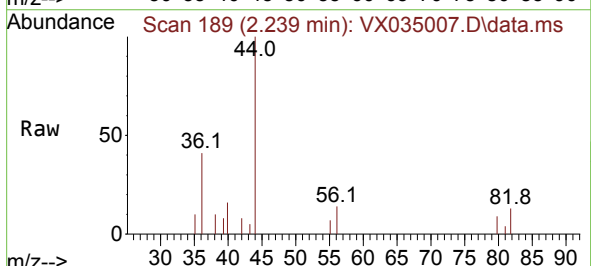
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBL01

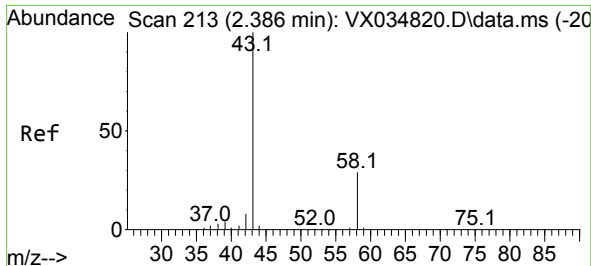
Tgt Ion:168 Resp: 276994
Ion Ratio Lower Upper
168 100
99 61.8 45.7 68.5



#13
Acrolein
Concen: 0.255 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX035007.D
Acq: 11 Apr 2023 14:21

Tgt Ion: 56 Resp: 195
Ion Ratio Lower Upper
56 100
55 110.3 56.6 85.0#

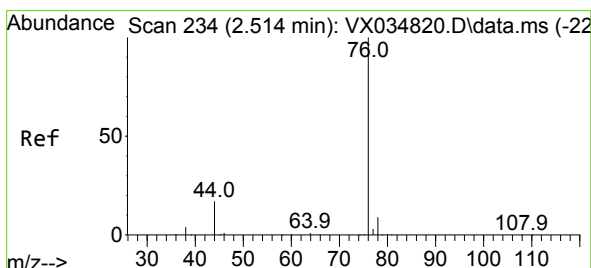
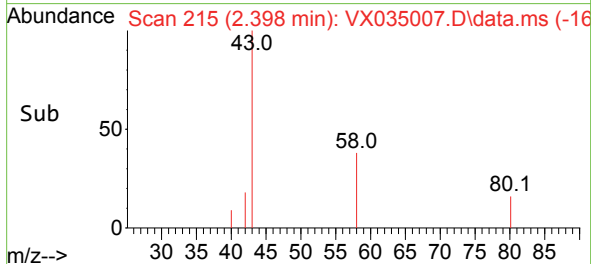
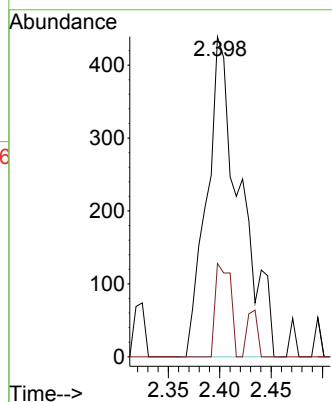
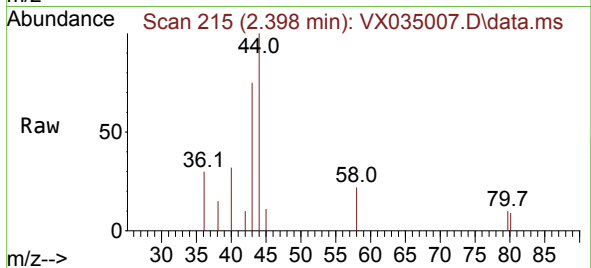




#16
Acetone
Concen: 0.579 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX035007.D
Acq: 11 Apr 2023 14:21

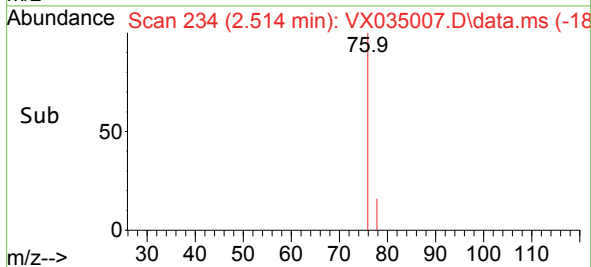
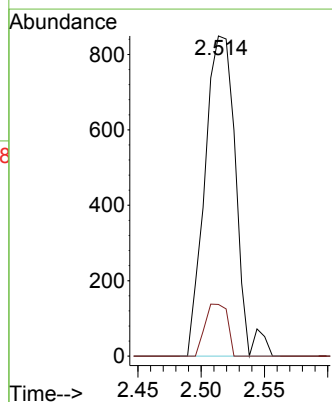
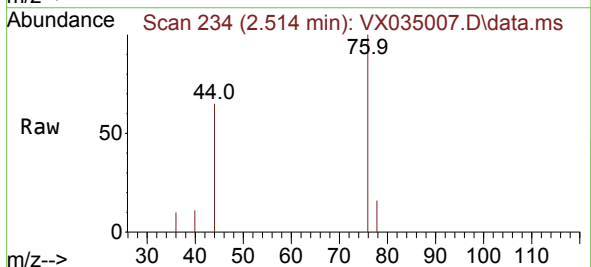
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBL01

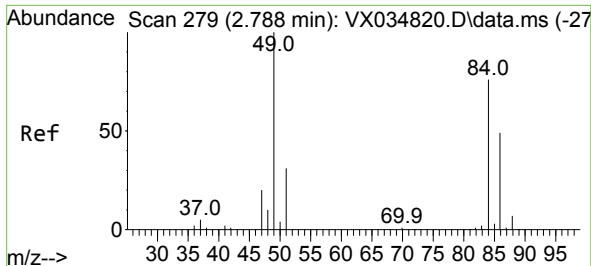
Tgt Ion: 43 Resp: 996
Ion Ratio Lower Upper
43 100
58 29.2 24.7 37.1



#17
Carbon Disulfide
Concen: 0.202 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX035007.D
Acq: 11 Apr 2023 14:21

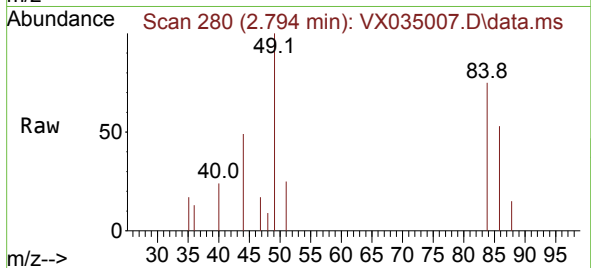
Tgt Ion: 76 Resp: 1438
Ion Ratio Lower Upper
76 100
78 16.1 7.2 10.8#



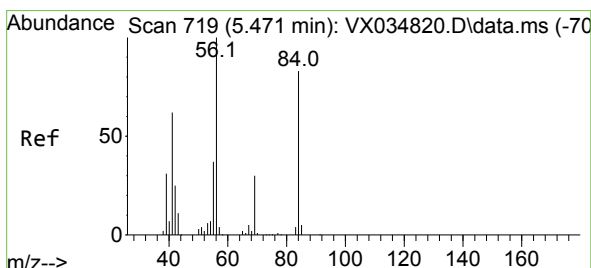
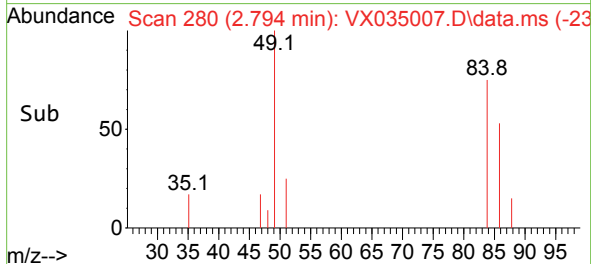
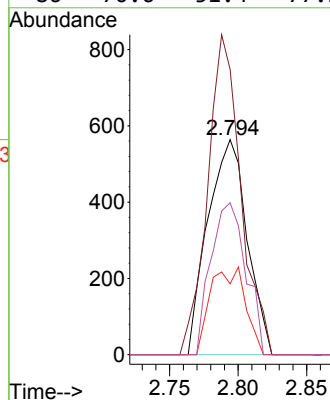


#20
Methylene Chloride
Concen: 0.332 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX035007.D
Acq: 11 Apr 2023 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBL01

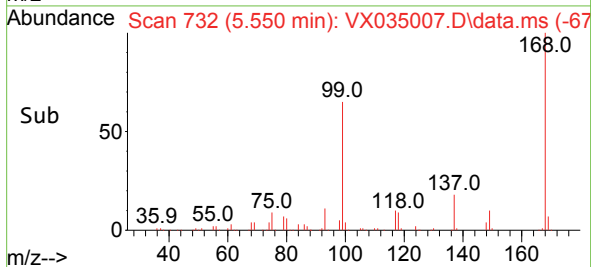
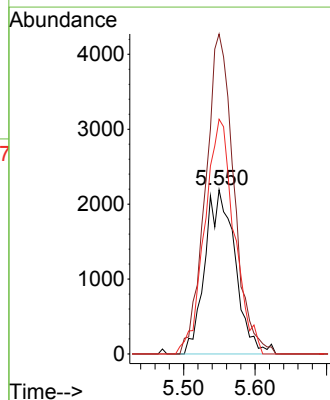
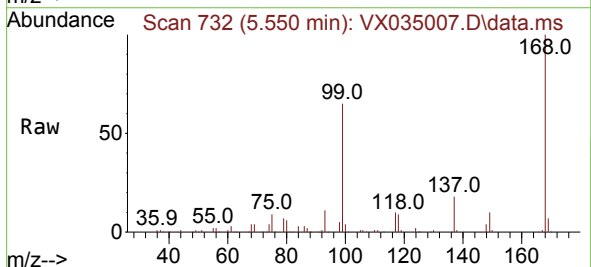


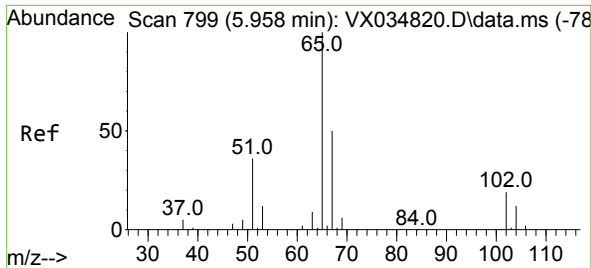
Tgt Ion:	84	Resp:	1126
Ion	Ratio	Lower	Upper
84	100		
49	132.6	103.8	155.8
51	33.0	31.8	47.8
86	70.6	51.4	77.2



#31
Cyclohexane
Concen: 1.245 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX035007.D
Acq: 11 Apr 2023 14:21

Tgt Ion:	56	Resp:	6420
Ion	Ratio	Lower	Upper
56	100		
69	195.0	23.7	35.5#
84	143.0	68.5	102.7#

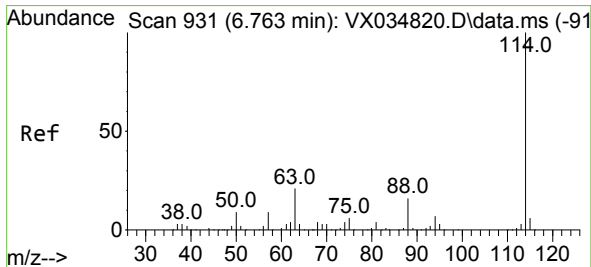
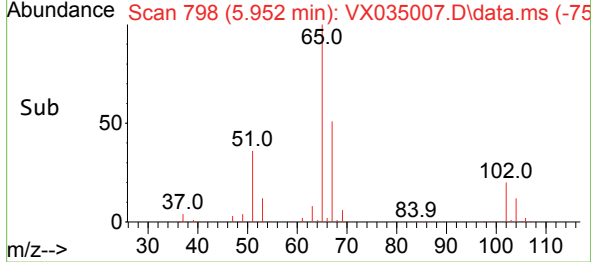
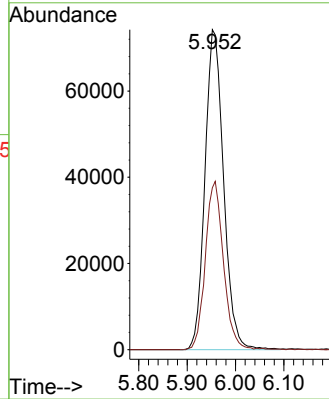
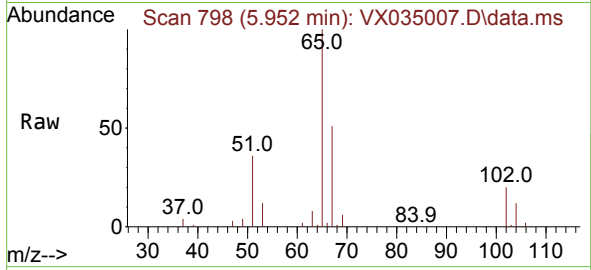




#33
1,2-Dichloroethane-d4
Concen: 46.943 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX035007.D
Acq: 11 Apr 2023 14:21

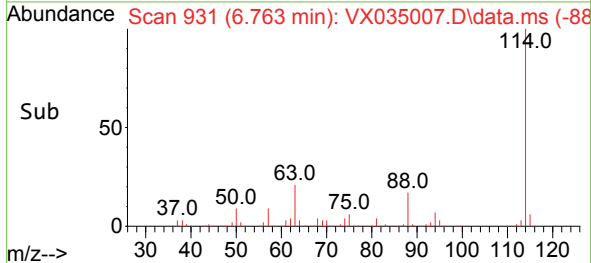
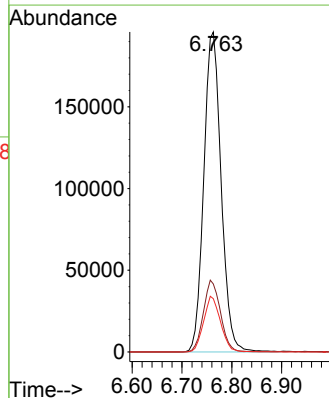
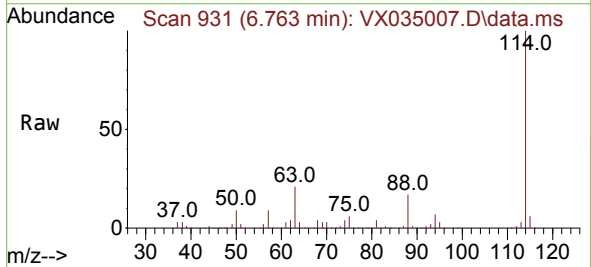
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBL01

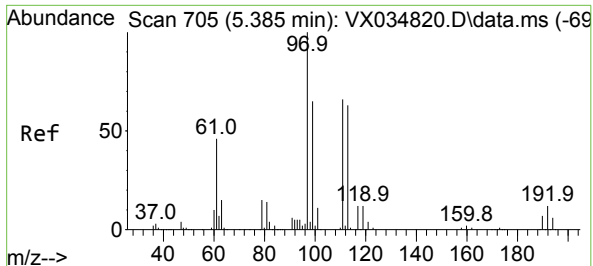
Tgt Ion: 65 Resp: 198859
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX035007.D
Acq: 11 Apr 2023 14:21

Tgt Ion: 114 Resp: 473173
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.2
88 16.6 0.0 33.2

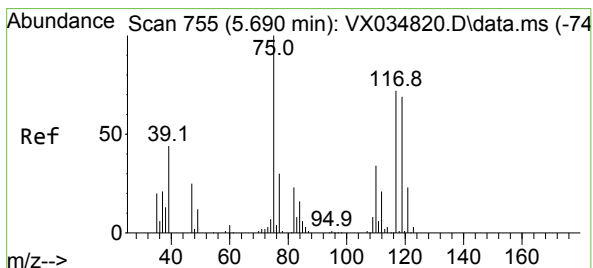
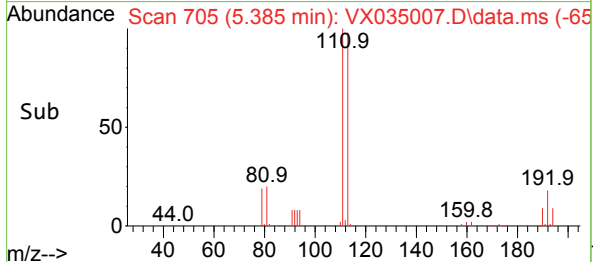
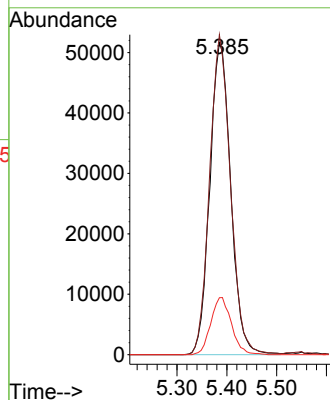
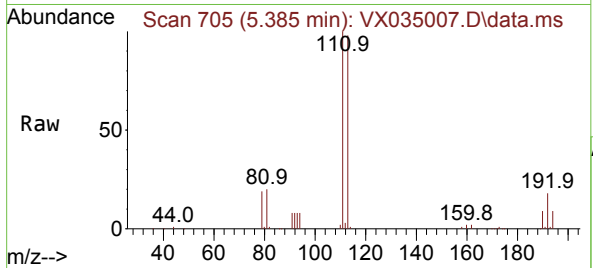




#35
Dibromofluoromethane
Concen: 48.176 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035007.D
Acq: 11 Apr 2023 14:21

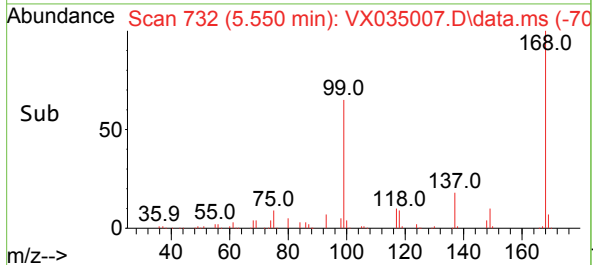
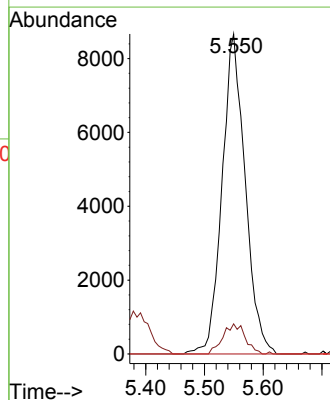
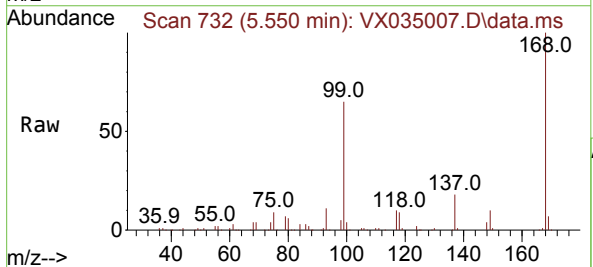
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBL01

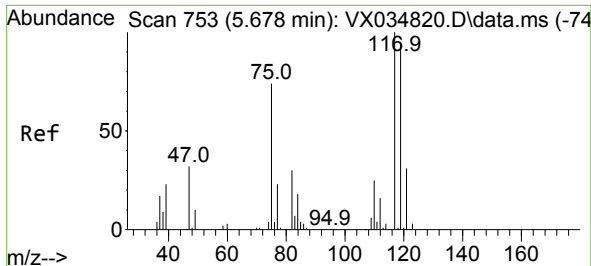
Tgt Ion:113 Resp: 150774
Ion Ratio Lower Upper
113 100
111 102.0 83.7 125.5
192 18.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.105 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035007.D
Acq: 11 Apr 2023 14:21

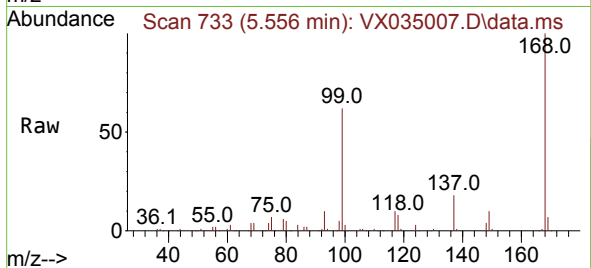
Tgt Ion: 75 Resp: 23670
Ion Ratio Lower Upper
75 100
110 9.0 17.5 52.5#
77 0.0 24.3 36.5#



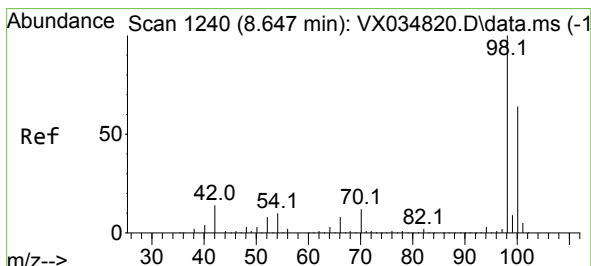
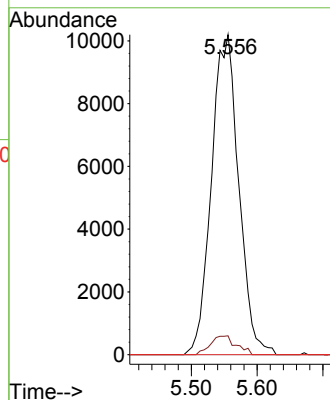
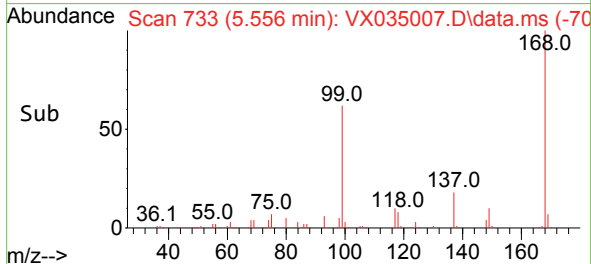


#38
Carbon Tetrachloride
Concen: 6.728 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX035007.D
Acq: 11 Apr 2023 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBL01

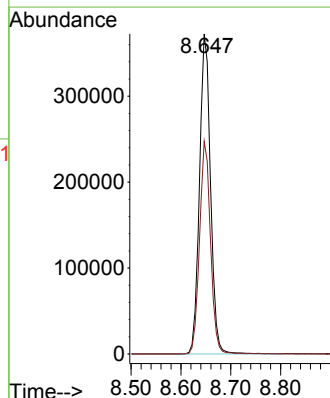
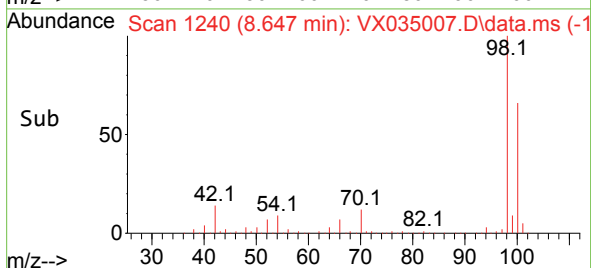
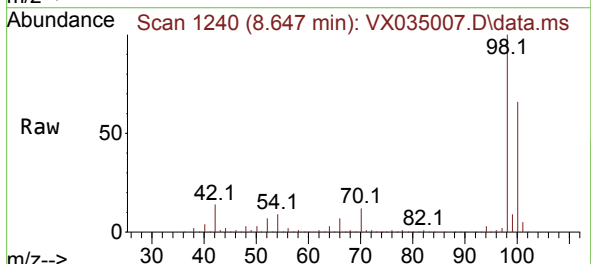


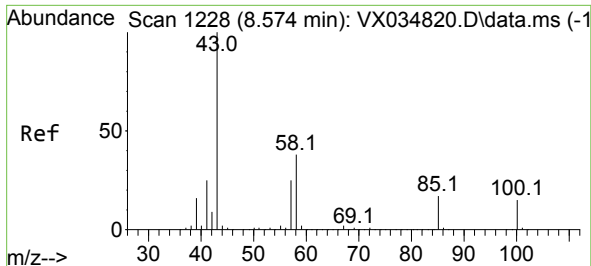
Tgt Ion:117 Resp: 29410
Ion Ratio Lower Upper
117 100
119 5.9 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.476 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035007.D
Acq: 11 Apr 2023 14:21

Tgt Ion: 98 Resp: 571534
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.576 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX035007.D

Acq: 11 Apr 2023 14:21

Instrument :

MSVOA_X

ClientSampleId :

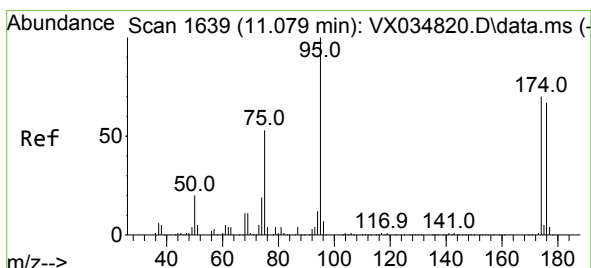
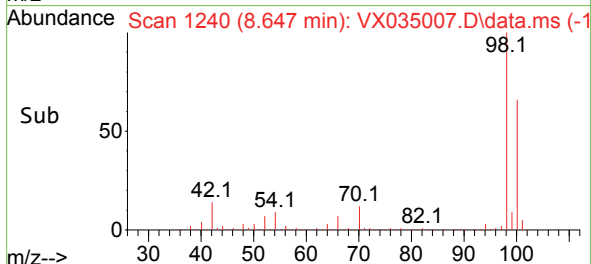
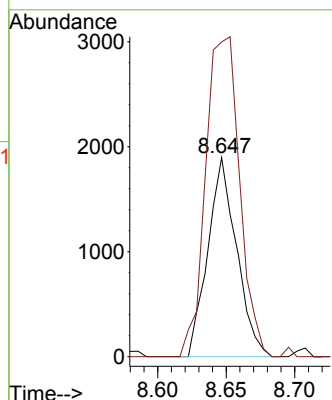
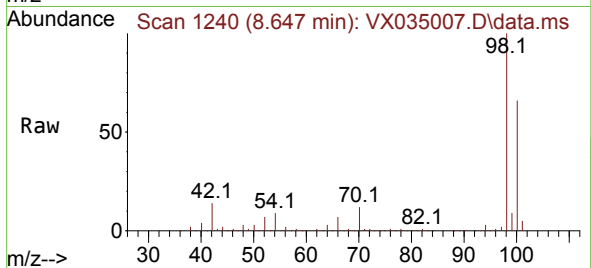
VX0412WBL01

Tgt Ion: 43 Resp: 2764

Ion Ratio Lower Upper

43 100

58 190.6 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 47.590 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX035007.D

Acq: 11 Apr 2023 14:21

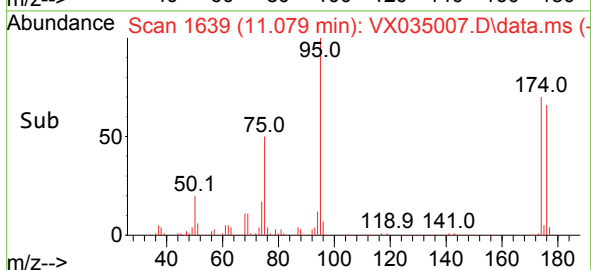
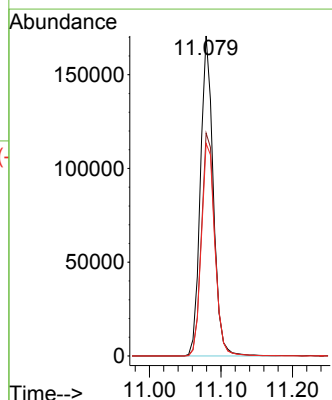
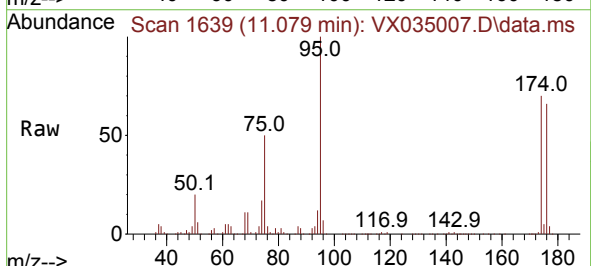
Tgt Ion: 95 Resp: 212740

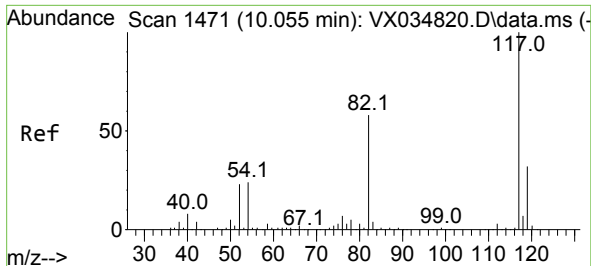
Ion Ratio Lower Upper

95 100

174 73.0 0.0 147.4

176 70.2 0.0 140.6

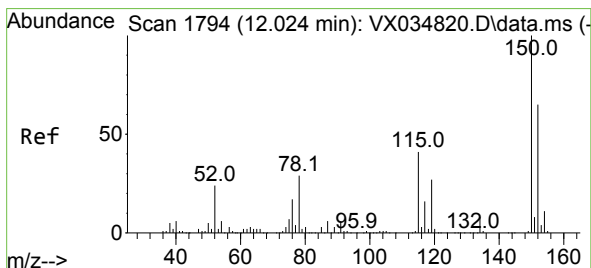
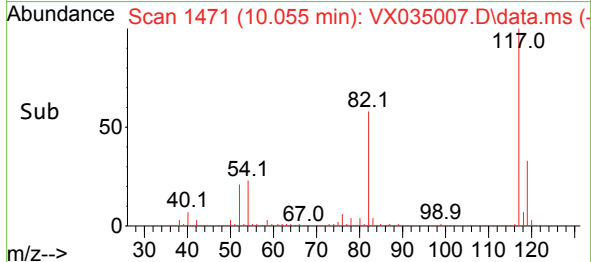
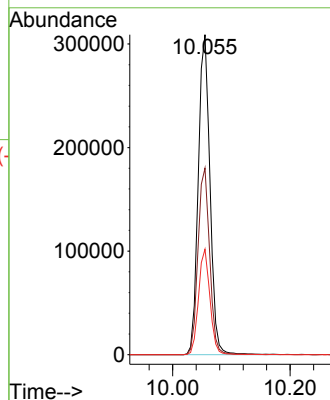
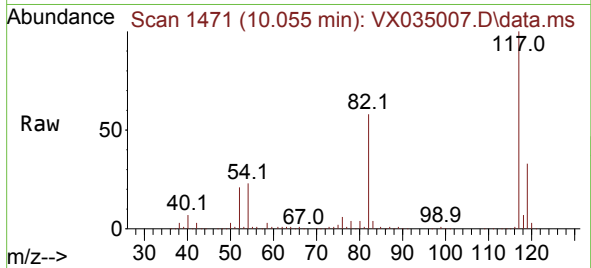




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035007.D
Acq: 11 Apr 2023 14:21

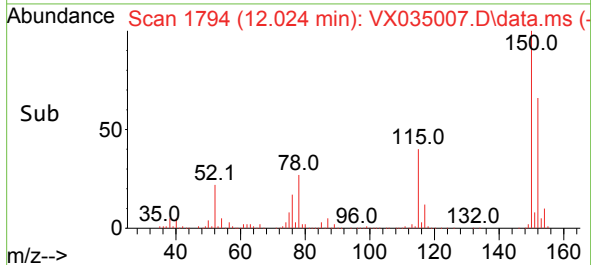
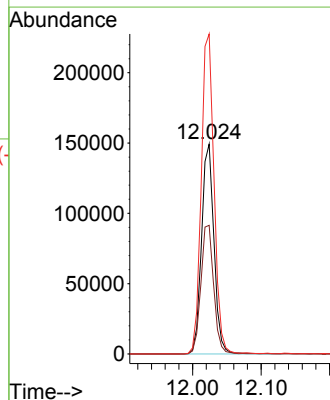
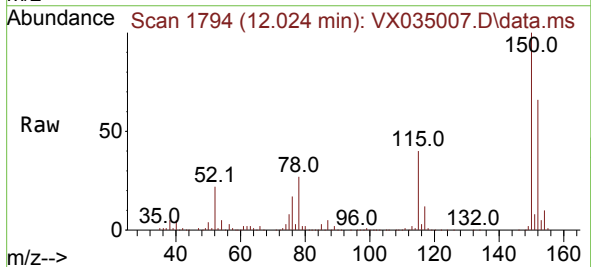
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBL01

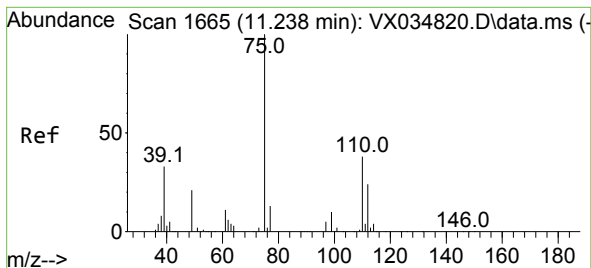
Tgt Ion:117 Resp: 426376
Ion Ratio Lower Upper
117 100
82 58.3 45.0 67.4
119 32.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035007.D
Acq: 11 Apr 2023 14:21

Tgt Ion:152 Resp: 189064
Ion Ratio Lower Upper
152 100
115 63.2 45.0 135.0
150 156.8 0.0 352.4

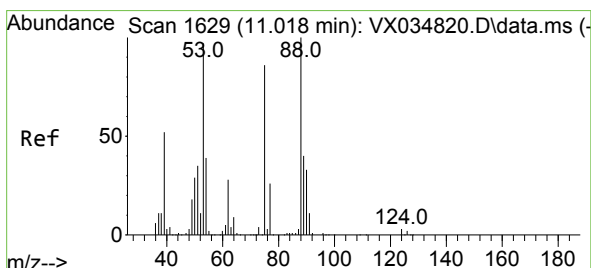
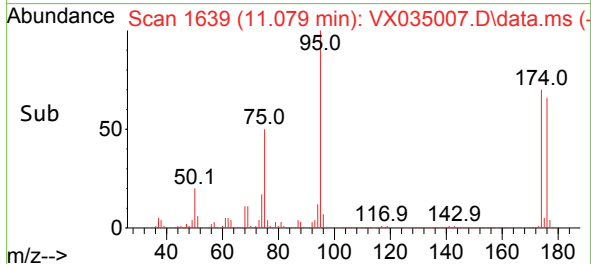
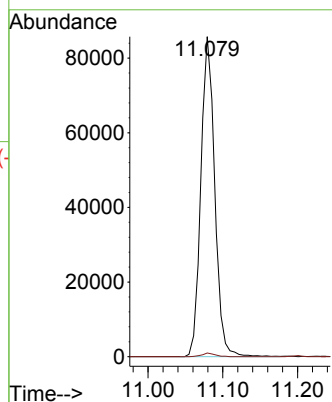
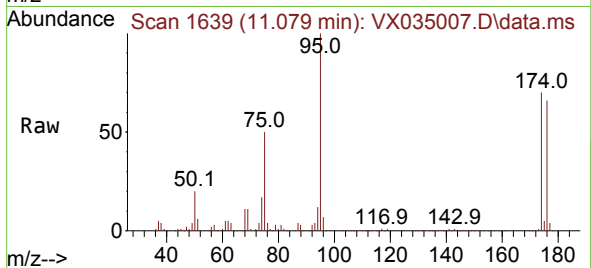




#76
1,2,3-Trichloropropane
Concen: 29.054 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035007.D
Acq: 11 Apr 2023 14:21

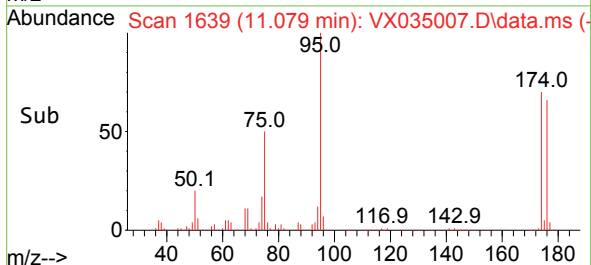
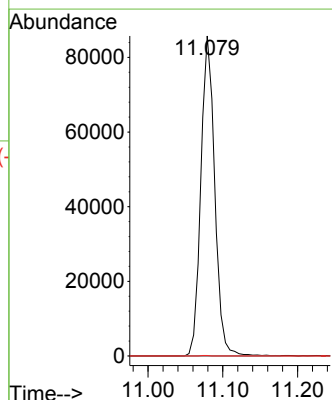
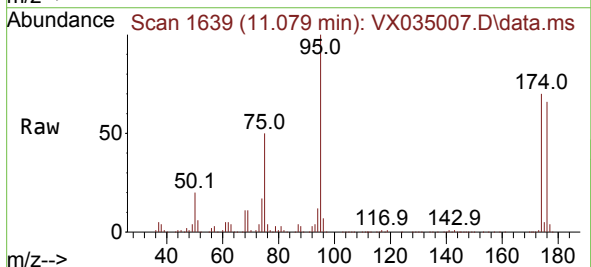
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBL01

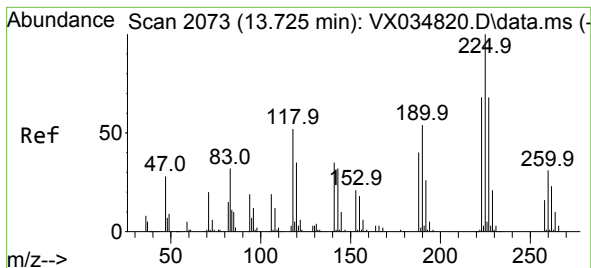
Tgt Ion: 75 Resp: 110680
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.072 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035007.D
Acq: 11 Apr 2023 14:21

Tgt Ion: 75 Resp: 110680
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.1 36.9 55.3#





#94

Hexachlorobutadiene

Concen: 0.850 ug/l

RT: 13.725 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX035007.D

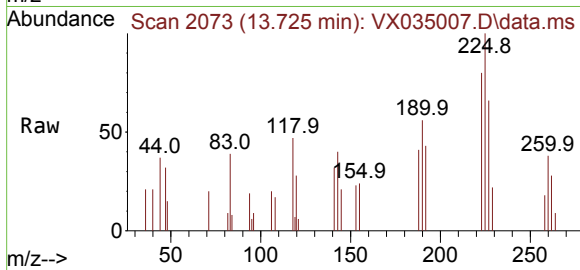
Acq: 11 Apr 2023 14:21

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBL01



Tgt Ion:225 Resp: 1323

Ion Ratio Lower Upper

225 100

223 59.4 32.1 96.5

227 61.4 31.8 95.4

