

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040723\
 Data File : VX034978.D
 Acq On : 07 Apr 2023 18:54
 Operator : JC/MD
 Sample : 02247-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10S

Quant Time: Apr 08 00:59:34 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)

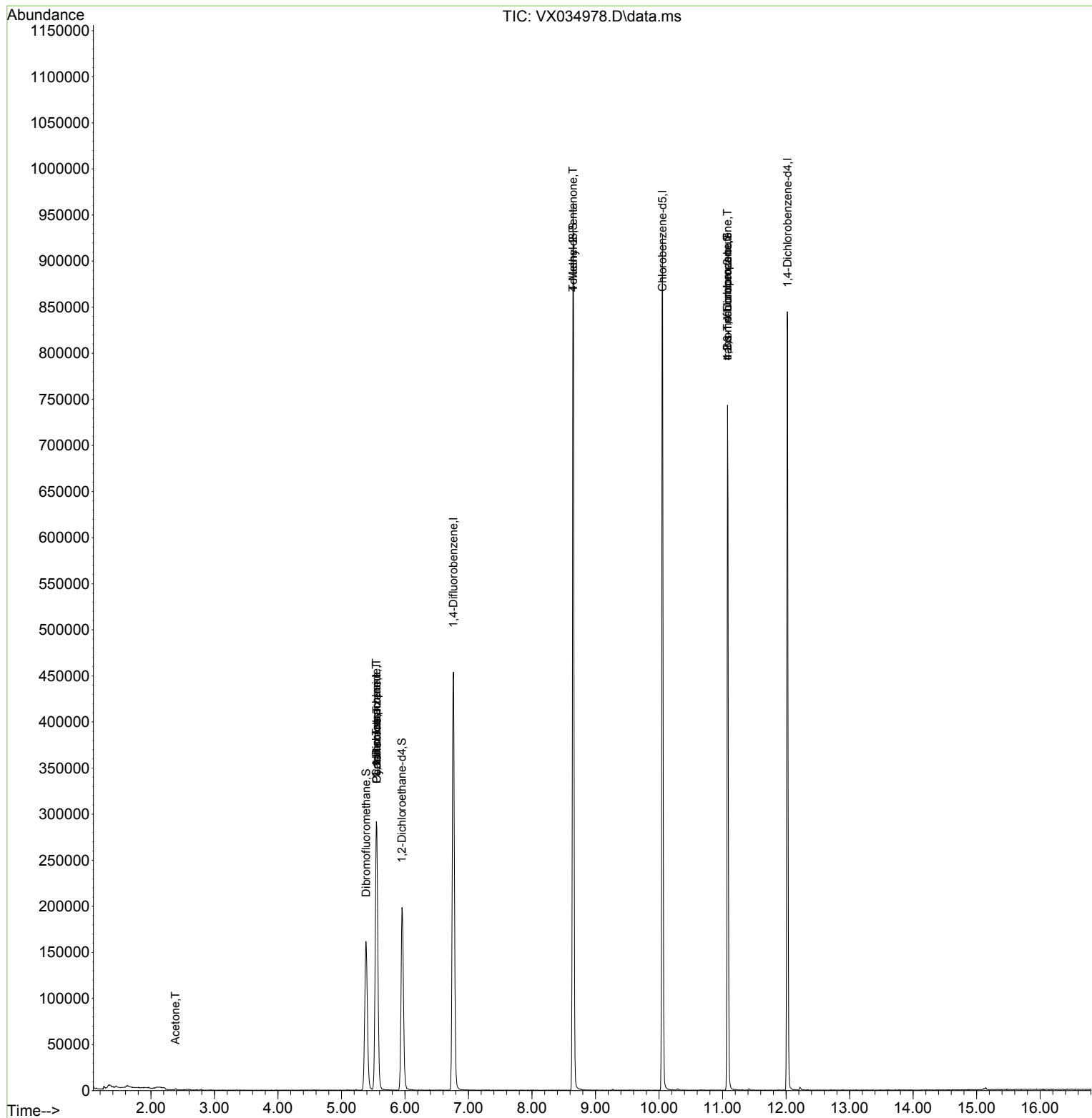
Internal Standards						
1) Pentafluorobenzene	5.556	168	264118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	447247	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	402902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	195838	48.483	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.960%		
35) Dibromofluoromethane	5.385	113	141452	47.817	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.640%		
50) Toluene-d8	8.647	98	542650	49.699	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.400%		
62) 4-Bromofluorobenzene	11.079	95	199849	47.298	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.600%		
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1732	1.056	ug/l #	82
31) Cyclohexane	5.556	56	6198	1.260	ug/l #	17
36) 1,1-Dichloropropene	5.550	75	22474	5.128	ug/l #	50
38) Carbon Tetrachloride	5.550	117	29088	7.040	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2965	0.653	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	105796	30.309	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	105796	90.835	ug/l #	8

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

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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

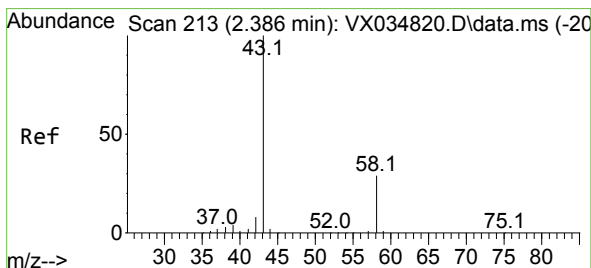
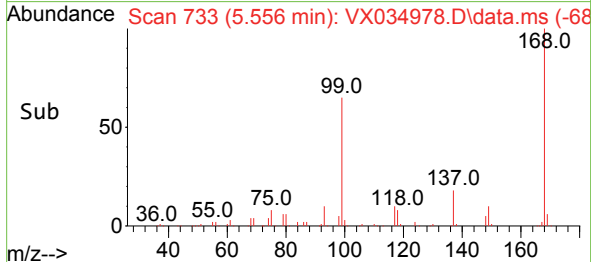
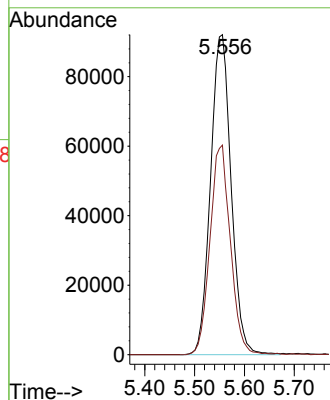
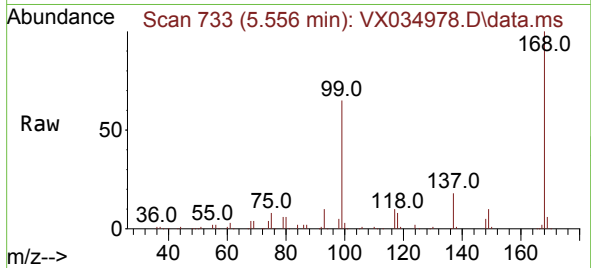




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034978.D
Acq: 07 Apr 2023 18:54

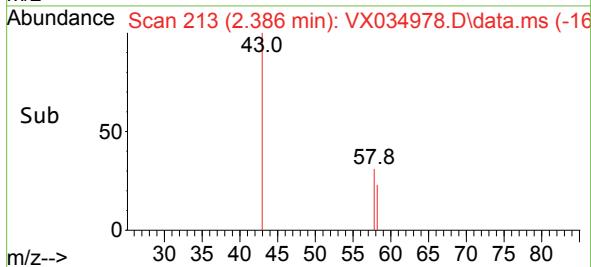
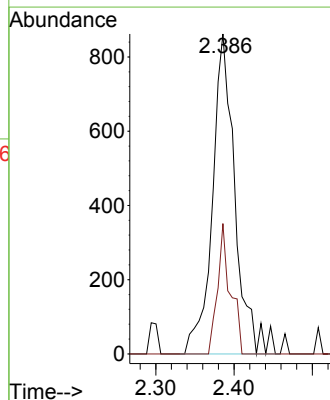
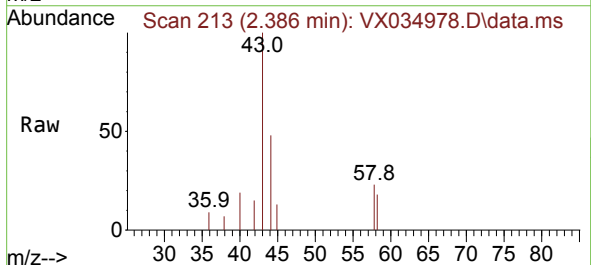
Instrument :
MSVOA_X
ClientSampleId :
PK-10S

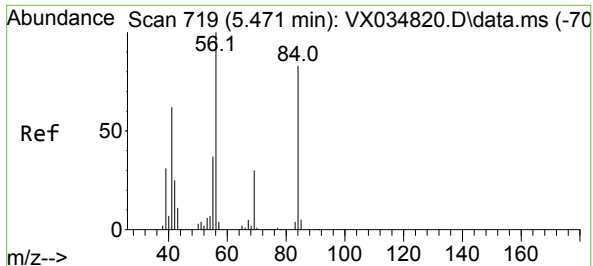
Tgt Ion:168 Resp: 264118
Ion Ratio Lower Upper
168 100
99 65.5 45.7 68.5



#16
Acetone
Concen: 1.056 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX034978.D
Acq: 07 Apr 2023 18:54

Tgt Ion: 43 Resp: 1732
Ion Ratio Lower Upper
43 100
58 40.7 24.7 37.1#

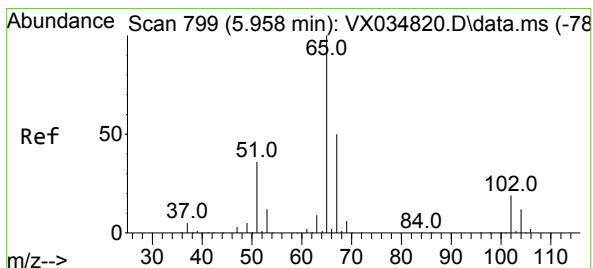
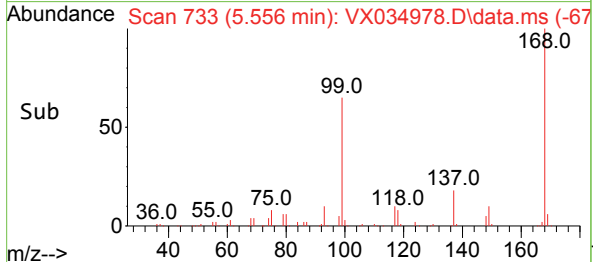
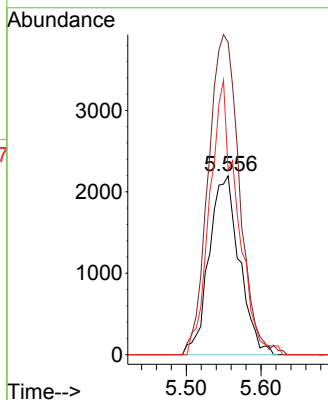
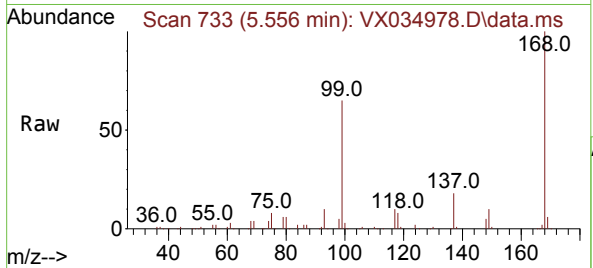




#31
Cyclohexane
Concen: 1.260 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX034978.D
Acq: 07 Apr 2023 18:54

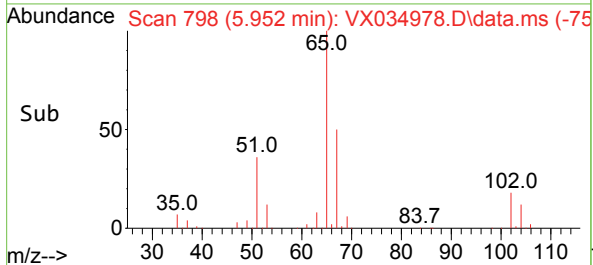
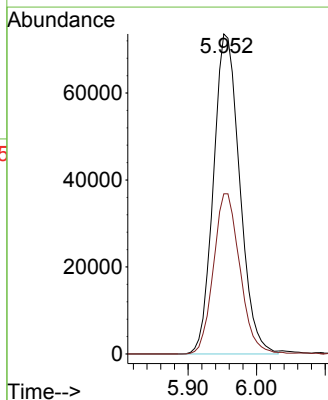
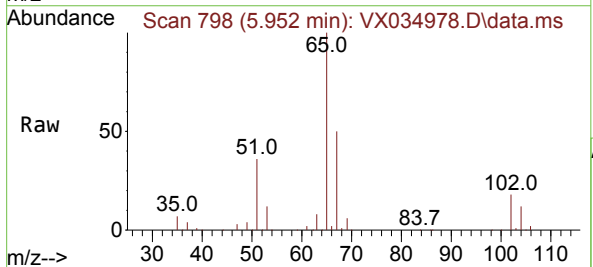
Instrument :
MSVOA_X
ClientSampleId :
PK-10S

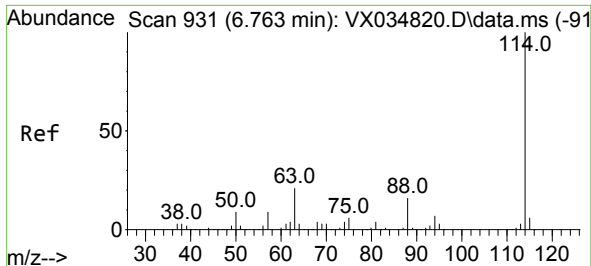
Tgt Ion: 56 Resp: 6198
Ion Ratio Lower Upper
56 100
69 174.7 23.7 35.5#
84 103.0 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.483 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX034978.D
Acq: 07 Apr 2023 18:54

Tgt Ion: 65 Resp: 195838
Ion Ratio Lower Upper
65 100
67 50.4 0.0 104.0

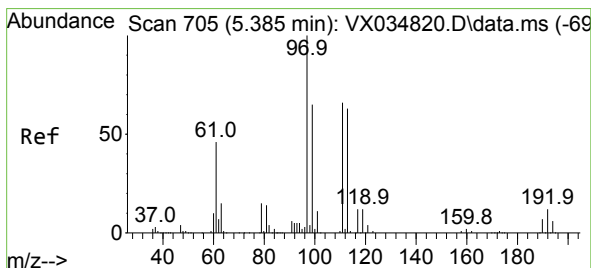
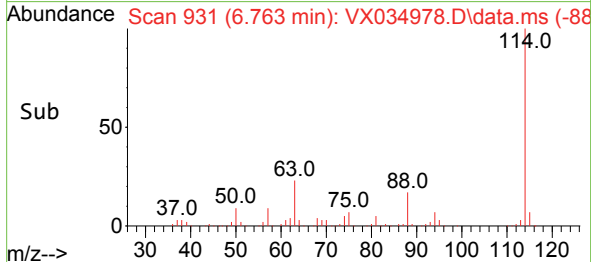
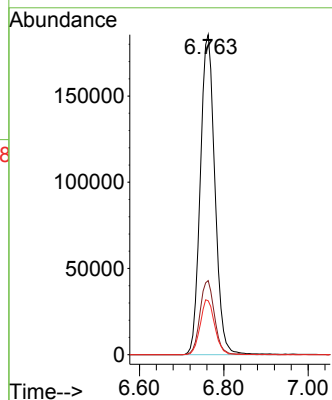
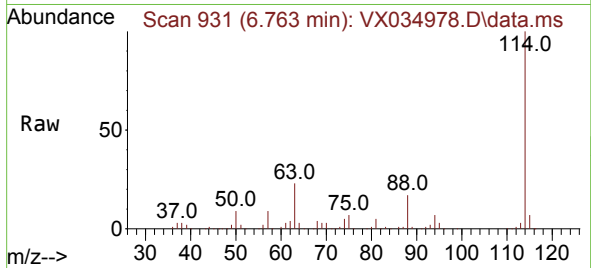




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034978.D
Acq: 07 Apr 2023 18:54

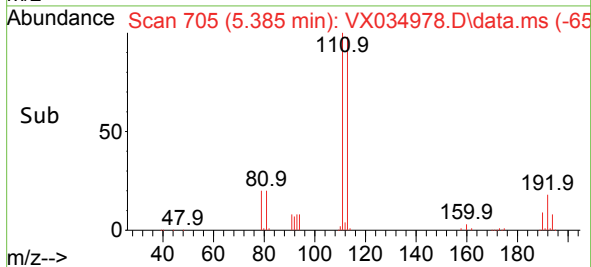
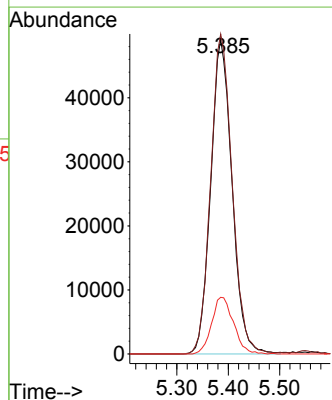
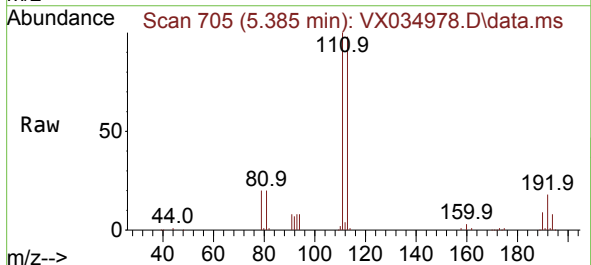
Instrument :
MSVOA_X
ClientSampleId :
PK-10S

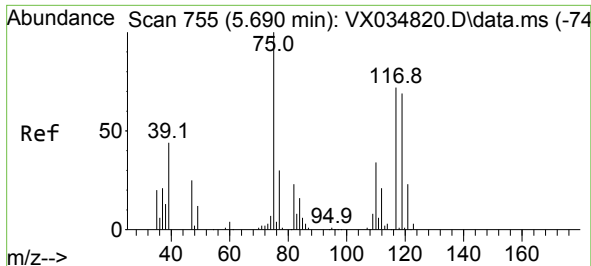
Tgt Ion:114 Resp: 447247
Ion Ratio Lower Upper
114 100
63 23.1 0.0 42.2
88 16.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.817 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034978.D
Acq: 07 Apr 2023 18:54

Tgt Ion:113 Resp: 141452
Ion Ratio Lower Upper
113 100
111 102.7 83.7 125.5
192 18.5 15.4 23.2

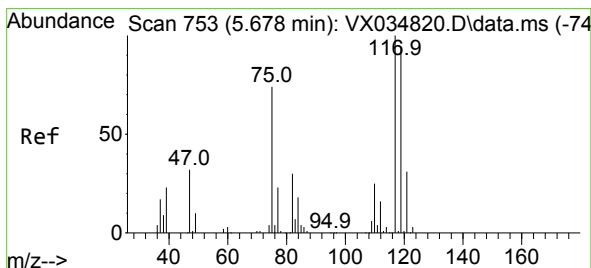
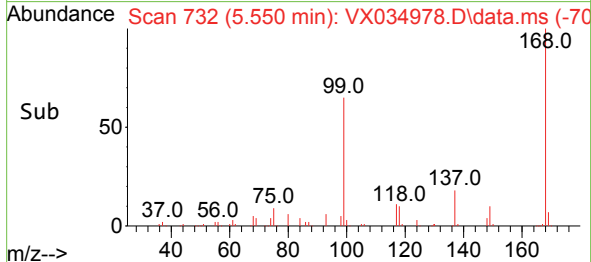
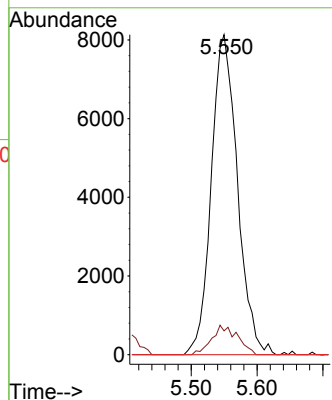
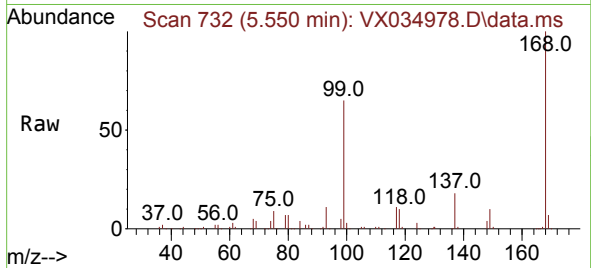




#36
1,1-Dichloropropene
Concen: 5.128 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX034978.D
Acq: 07 Apr 2023 18:54

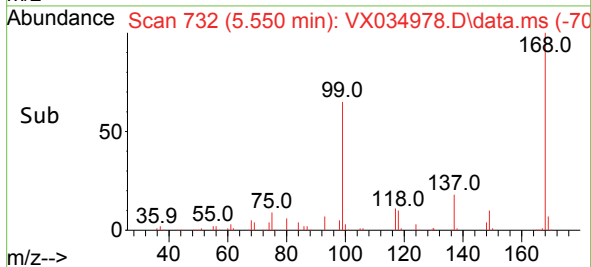
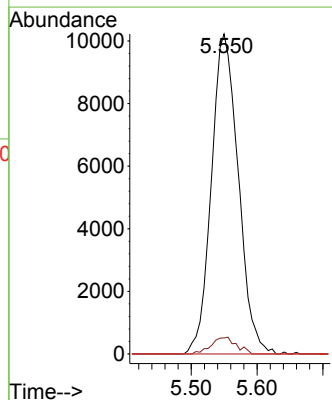
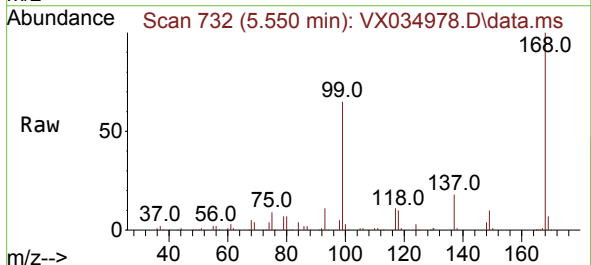
Instrument :
MSVOA_X
ClientSampleId :
PK-10S

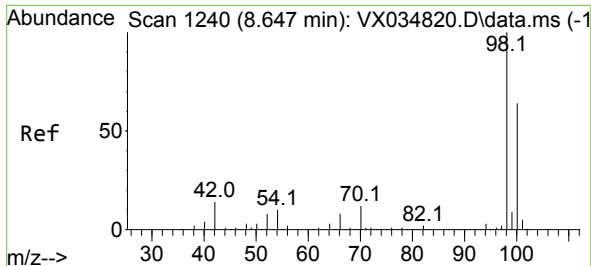
Tgt Ion: 75 Resp: 22474
Ion Ratio Lower Upper
75 100
110 9.1 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 7.040 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX034978.D
Acq: 07 Apr 2023 18:54

Tgt Ion: 117 Resp: 29088
Ion Ratio Lower Upper
117 100
119 5.0 76.6 114.8#
121 0.0 23.8 35.6#

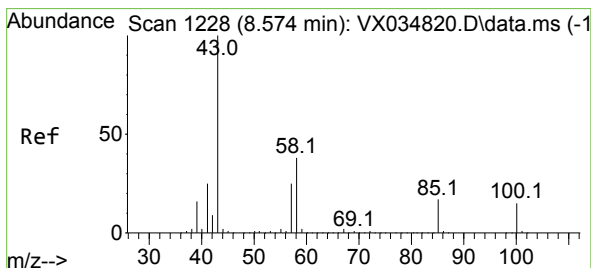
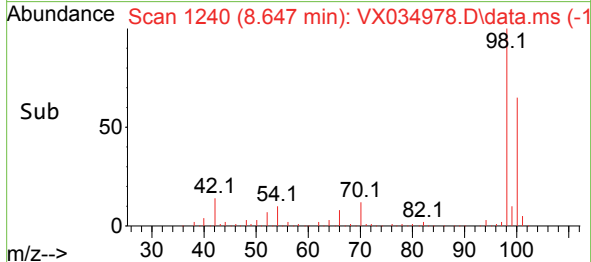
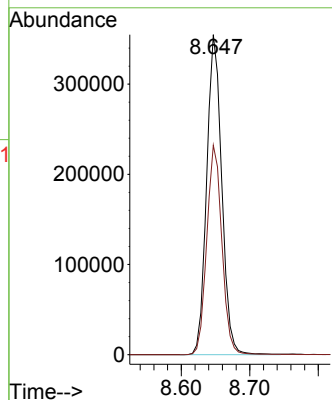
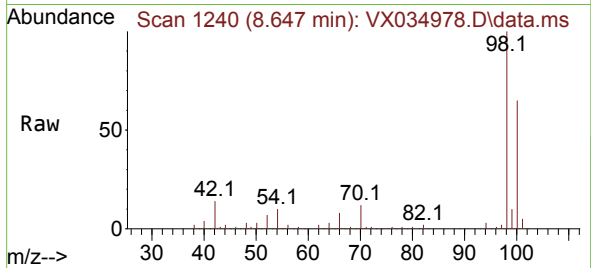




#50
Toluene-d8
Concen: 49.699 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034978.D
Acq: 07 Apr 2023 18:54

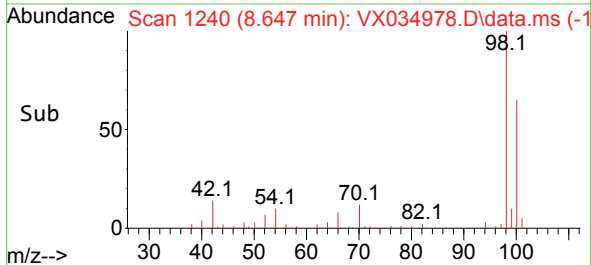
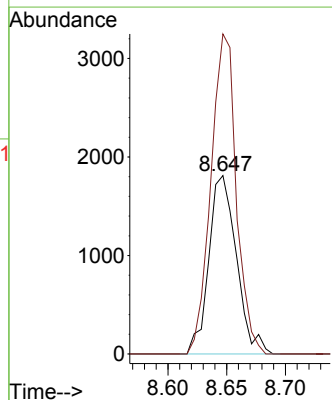
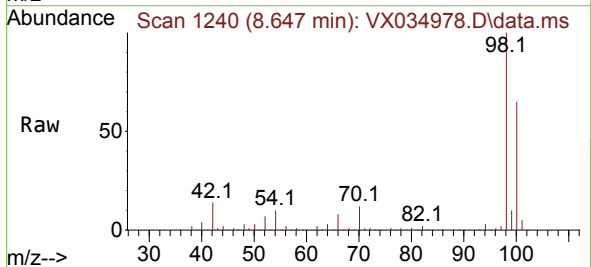
Instrument :
MSVOA_X
ClientSampleId :
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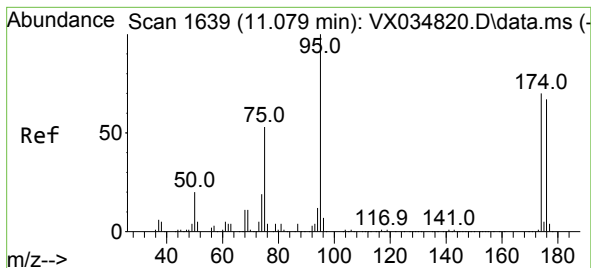
Tgt Ion: 98 Resp: 542650
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.653 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX034978.D
Acq: 07 Apr 2023 18:54

Tgt Ion: 43 Resp: 2965
Ion Ratio Lower Upper
43 100
58 165.2 30.6 46.0#

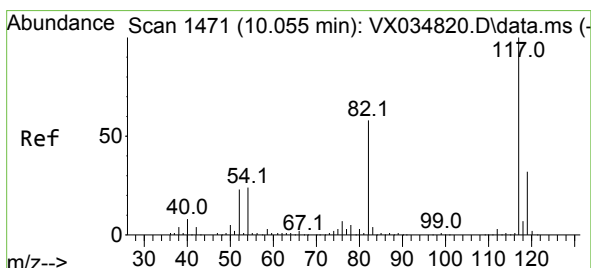
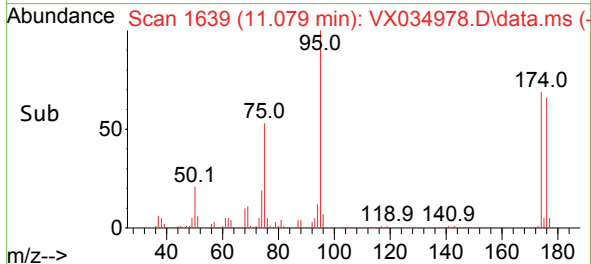
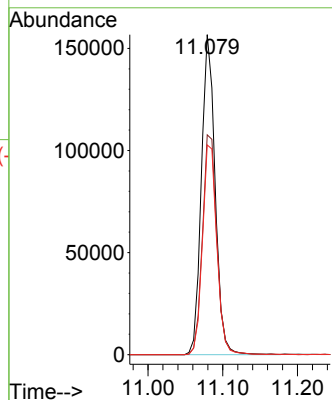
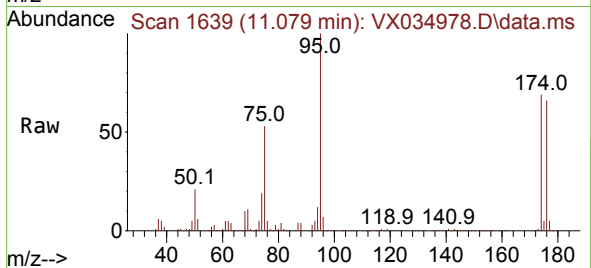




#62
4-Bromofluorobenzene
Concen: 47.298 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034978.D
Acq: 07 Apr 2023 18:54

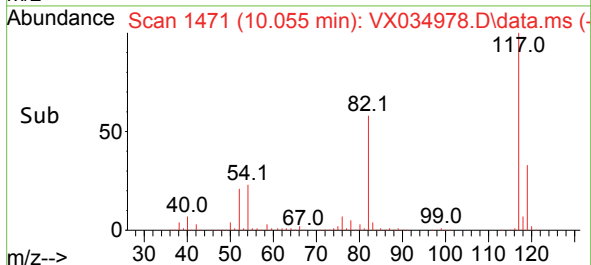
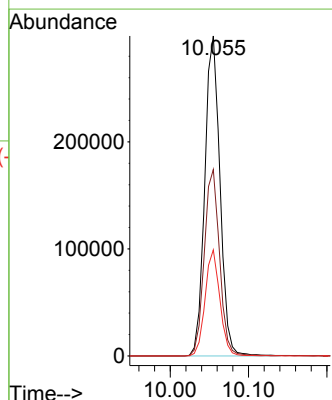
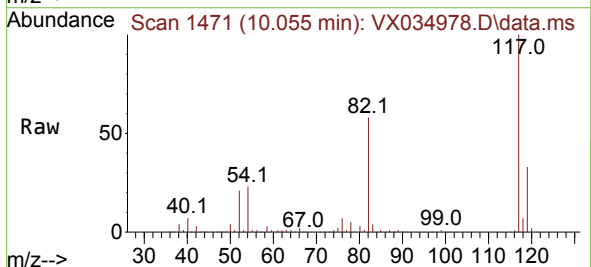
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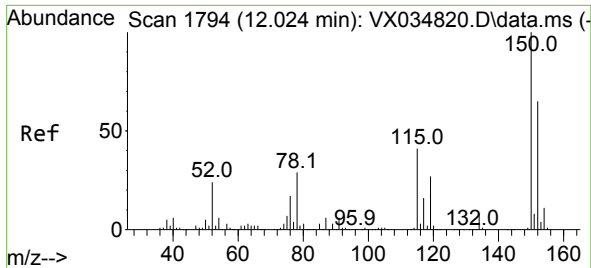
Tgt Ion: 95 Resp: 199849
Ion Ratio Lower Upper
95 100
174 72.1 0.0 147.4
176 68.6 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034978.D
Acq: 07 Apr 2023 18:54

Tgt Ion: 117 Resp: 402902
Ion Ratio Lower Upper
117 100
82 58.3 45.0 67.4
119 33.1 26.0 39.0

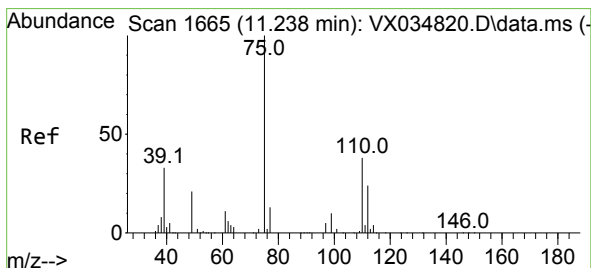
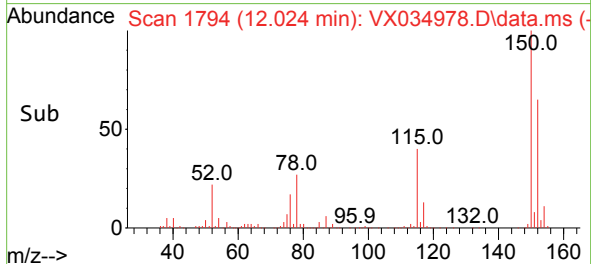
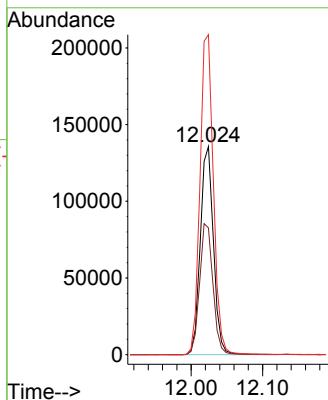
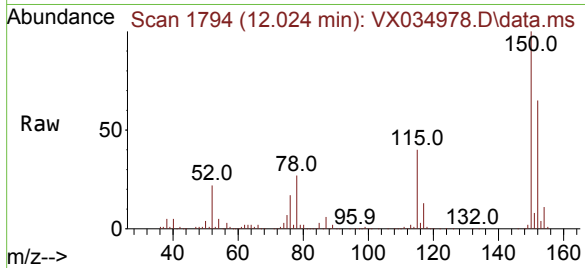




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034978.D
 Acq: 07 Apr 2023 18:54

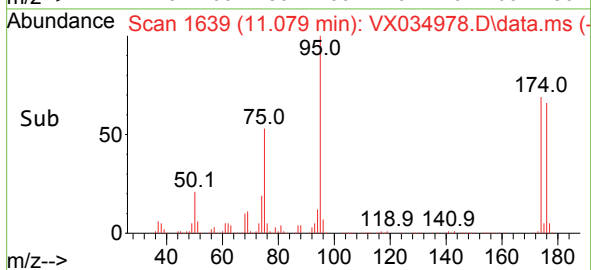
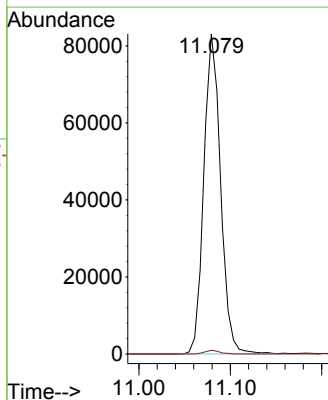
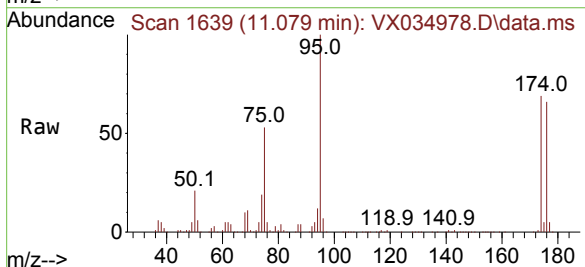
Instrument :
 MSVOA_X
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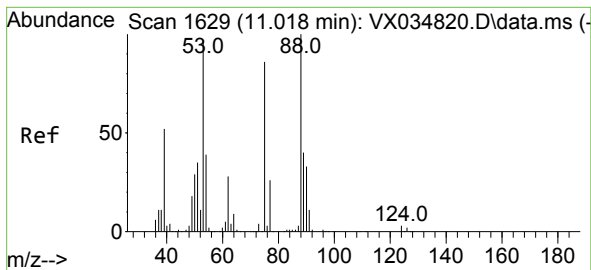
Tgt Ion:152 Resp: 173234
 Ion Ratio Lower Upper
 152 100
 115 63.9 45.0 135.0
 150 157.1 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 30.309 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034978.D
 Acq: 07 Apr 2023 18:54

Tgt Ion: 75 Resp: 105796
 Ion Ratio Lower Upper
 75 100
 77 1.0 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.835 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034978.D
 Acq: 07 Apr 2023 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10S

Tgt Ion: 75 Resp: 105796
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

