

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032723\
 Data File : VX034749.D
 Acq On : 27 Mar 2023 15:03
 Operator : JC/MD
 Sample : 02100-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 UPS-01-032323

Quant Time: Mar 28 03:19:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

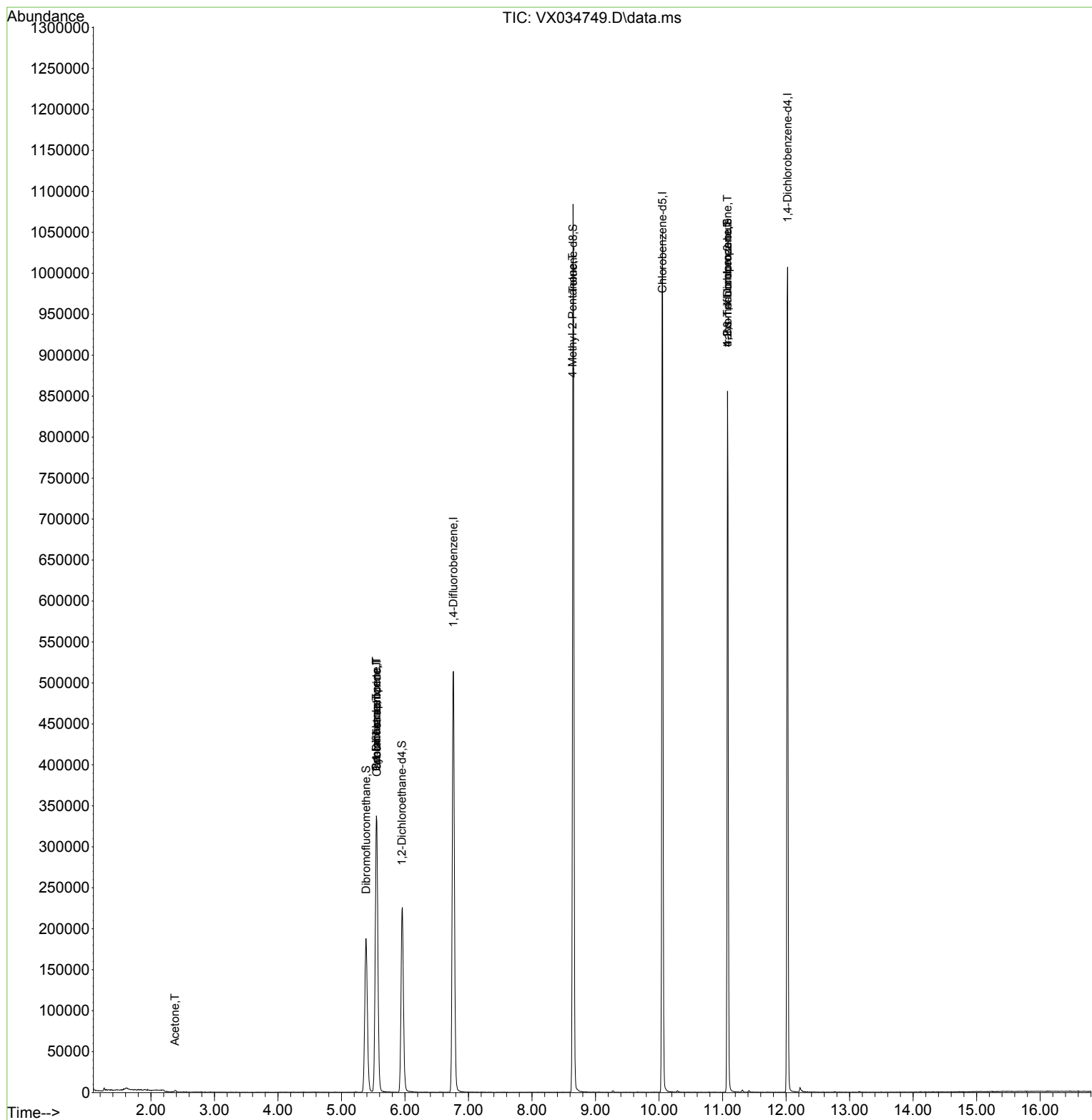
Internal Standards						
1) Pentafluorobenzene	5.550	168	307518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	522498	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	459724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	203774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	225719	50.454	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.900%		
35) Dibromofluoromethane	5.385	113	162421	47.082	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 94.160%		
50) Toluene-d8	8.647	98	620677	48.196	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 96.400%		
62) 4-Bromofluorobenzene	11.079	95	232345	44.666	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 89.340%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	649	Below Cal		92
16) Acetone	2.380	43	2225	1.056 ug/l	#	88
31) Cyclohexane	5.550	56	7018	1.119 ug/l	#	3
36) 1,1-Dichloropropene	5.550	75	25955	4.898 ug/l	#	50
38) Carbon Tetrachloride	5.556	117	33269	6.311 ug/l	#	15
51) 4-Methyl-2-Pentanone	8.641	43	3040	0.534 ug/l	#	1
76) 1,2,3-Trichloropropane	11.079	75	122278	26.134 ug/l	#	34
81) trans-1,4-Dichloro-2-b...	11.079	75	122278	70.700 ug/l	#	8

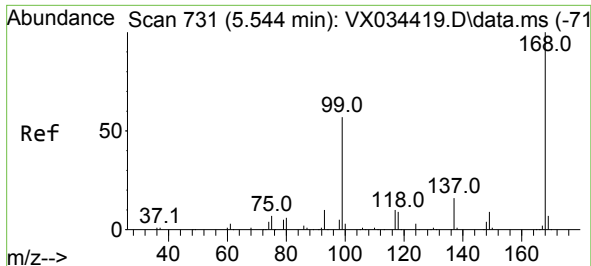
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

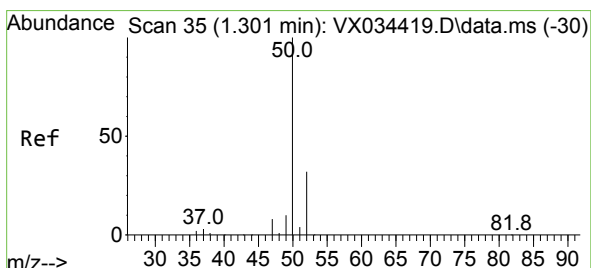
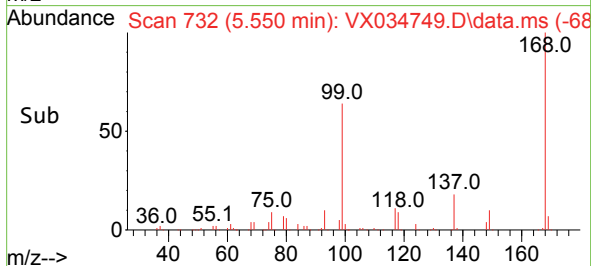
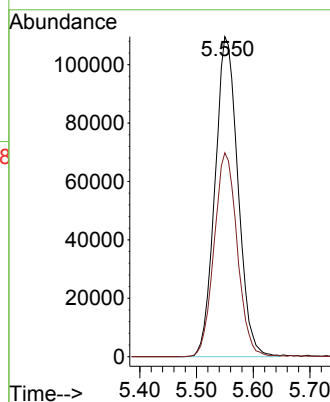
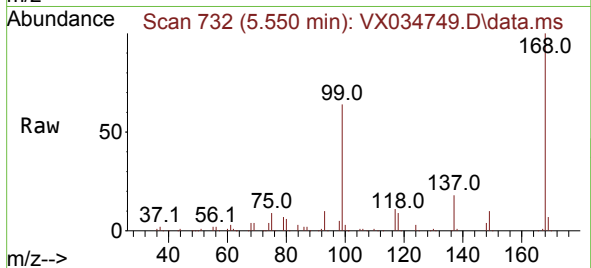




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034749.D
Acq: 27 Mar 2023 15:03

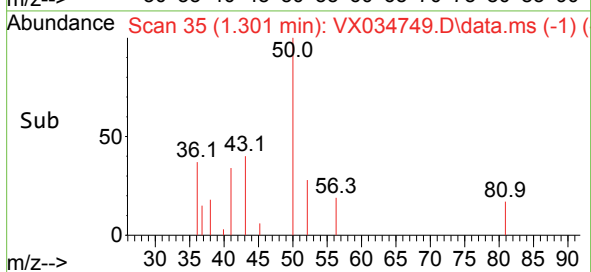
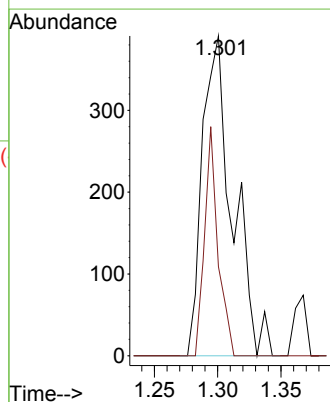
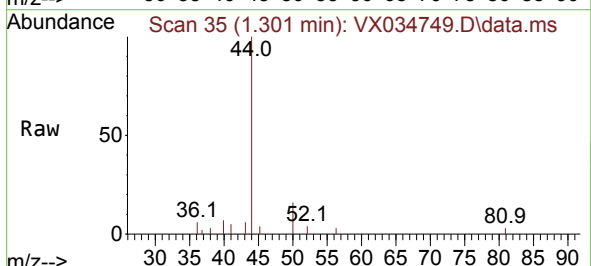
Instrument :
MSVOA_X
ClientSampleId :
UPS-01-032323

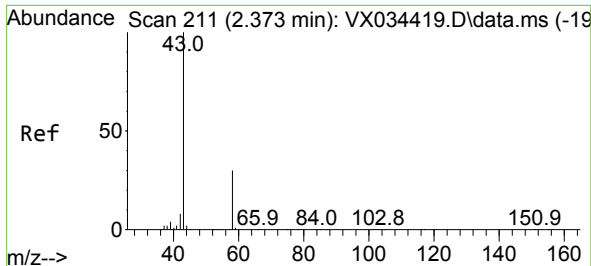
Tgt Ion:168 Resp: 307518
Ion Ratio Lower Upper
168 100
99 63.7 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX034749.D
Acq: 27 Mar 2023 15:03

Tgt Ion: 50 Resp: 649
Ion Ratio Lower Upper
50 100
52 27.9 25.9 38.9

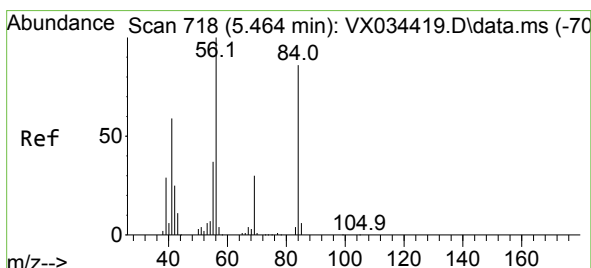
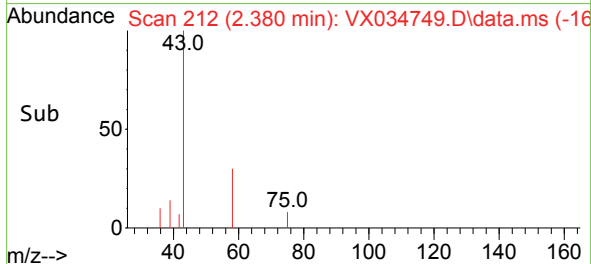
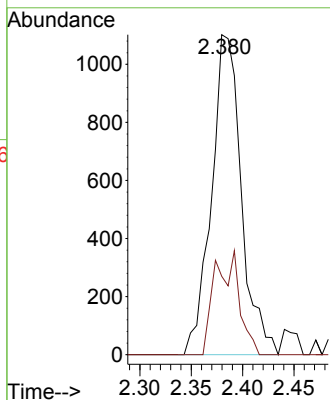
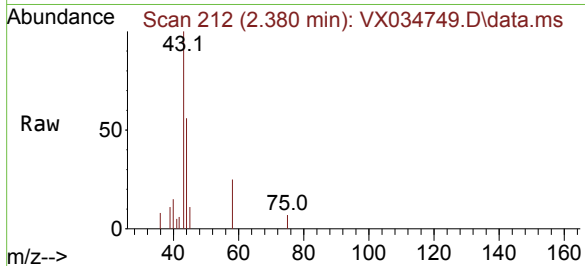




#16
Acetone
Concen: 1.056 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034749.D
Acq: 27 Mar 2023 15:03

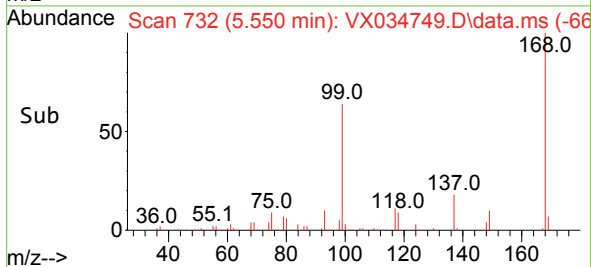
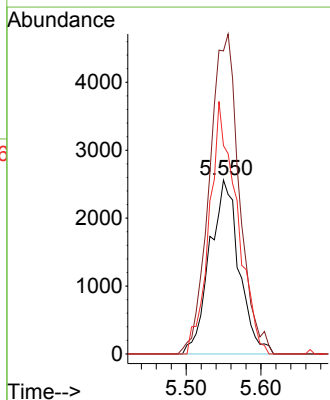
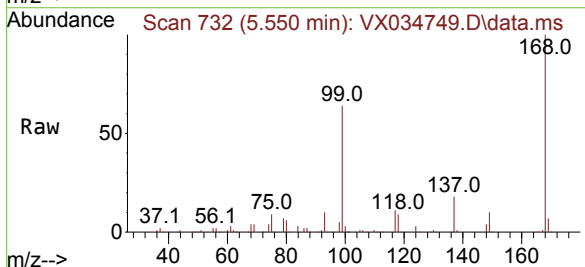
Instrument :
MSVOA_X
ClientSampleId :
UPS-01-032323

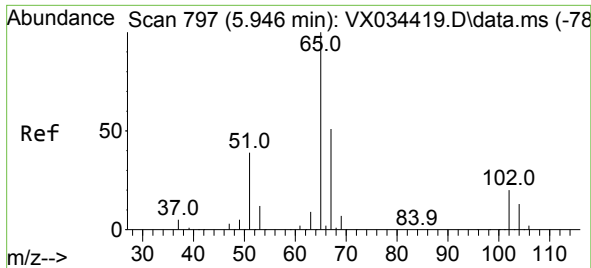
Tgt Ion: 43 Resp: 2225
Ion Ratio Lower Upper
43 100
58 24.5 24.7 37.1#



#31
Cyclohexane
Concen: 1.119 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX034749.D
Acq: 27 Mar 2023 15:03

Tgt Ion: 56 Resp: 7018
Ion Ratio Lower Upper
56 100
69 174.3 23.7 35.5#
84 119.8 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 50.454 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX034749.D

Acq: 27 Mar 2023 15:03

Instrument :

MSVOA_X

ClientSampleId :

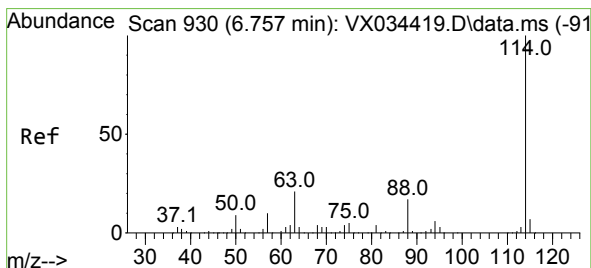
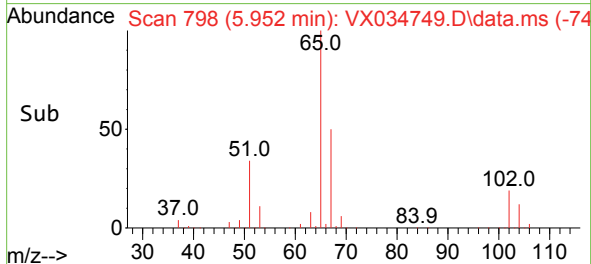
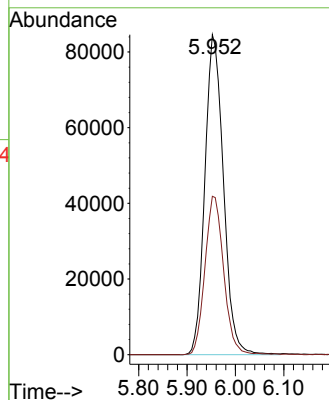
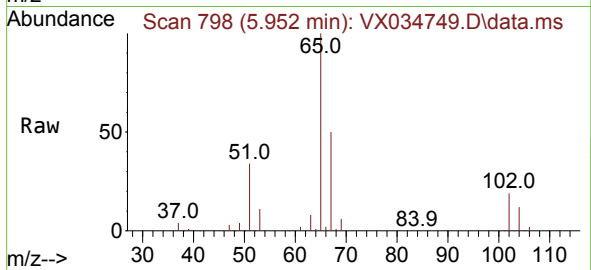
UPS-01-032323

Tgt Ion: 65 Resp: 225719

Ion Ratio Lower Upper

65 100

67 50.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034749.D

Acq: 27 Mar 2023 15:03

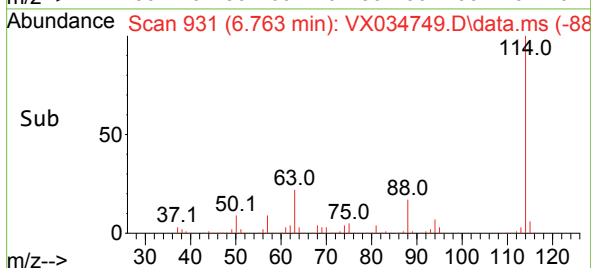
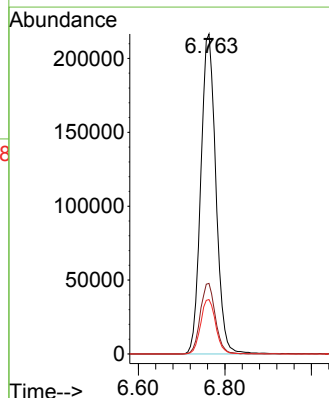
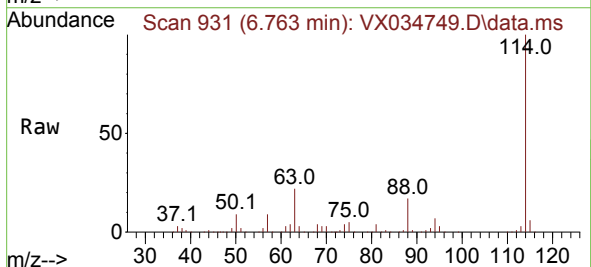
Tgt Ion: 114 Resp: 522498

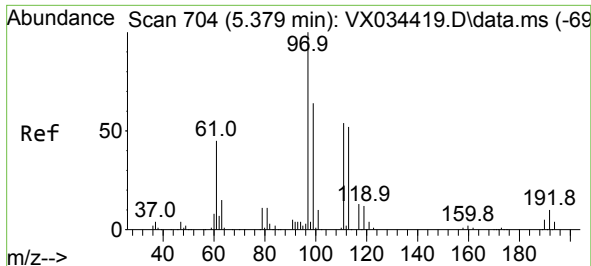
Ion Ratio Lower Upper

114 100

63 22.1 0.0 42.2

88 17.0 0.0 33.2

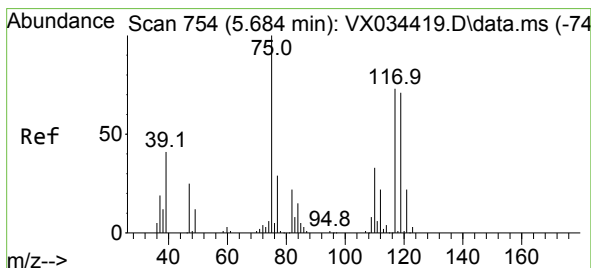
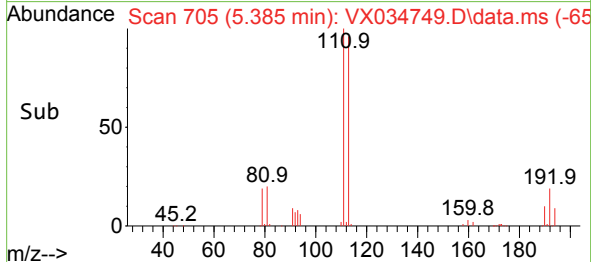
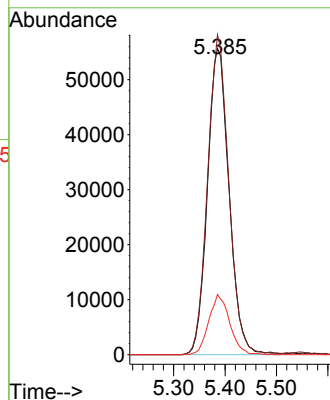
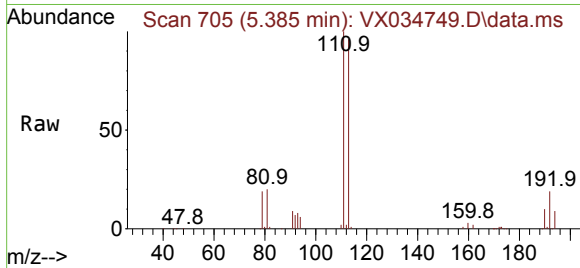




#35
Dibromofluoromethane
Concen: 47.082 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034749.D
Acq: 27 Mar 2023 15:03

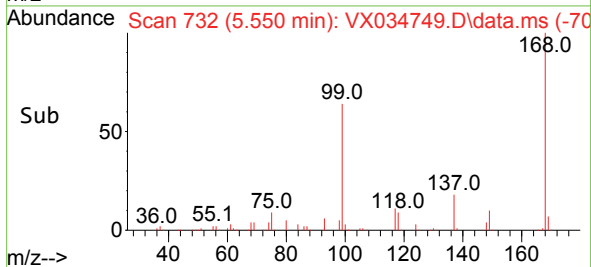
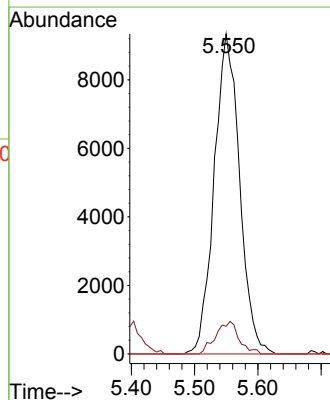
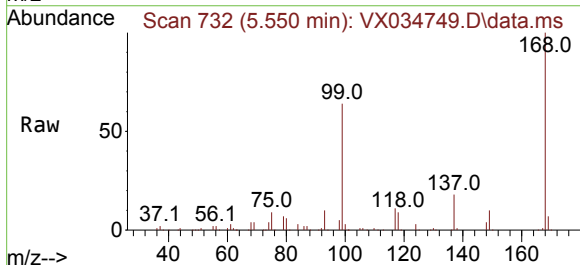
Instrument :
MSVOA_X
ClientSampleId :
UPS-01-032323

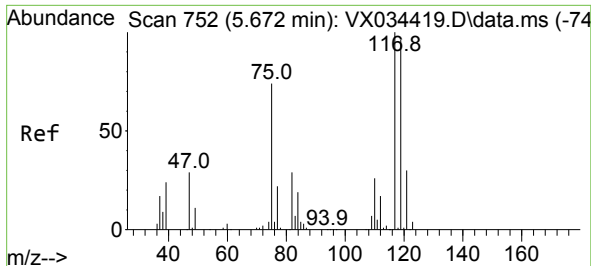
Tgt Ion:113 Resp: 162421
Ion Ratio Lower Upper
113 100
111 102.7 83.7 125.5
192 19.0 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.898 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX034749.D
Acq: 27 Mar 2023 15:03

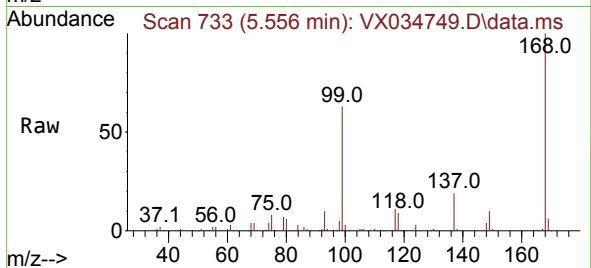
Tgt Ion: 75 Resp: 25955
Ion Ratio Lower Upper
75 100
110 9.4 17.5 52.5#
77 0.0 24.3 36.5#



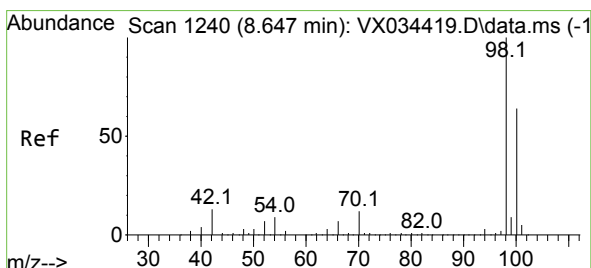
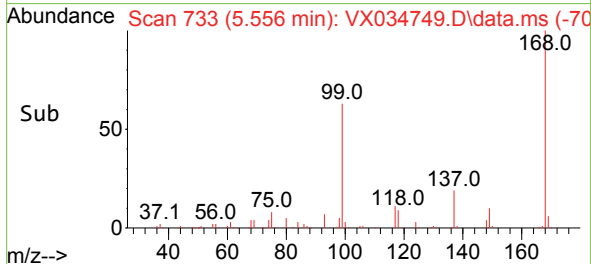
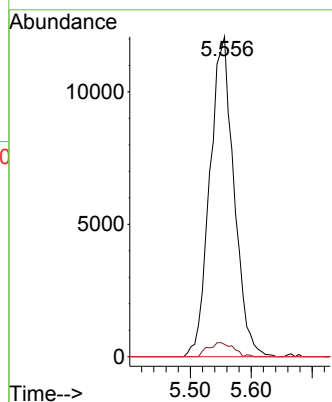


#38
Carbon Tetrachloride
Concen: 6.311 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.116 min
Lab File: VX034749.D
Acq: 27 Mar 2023 15:03

Instrument :
MSVOA_X
ClientSampleId :
UPS-01-032323

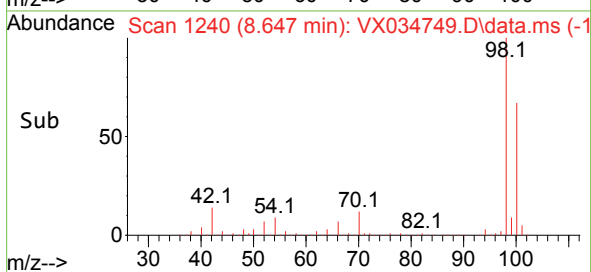
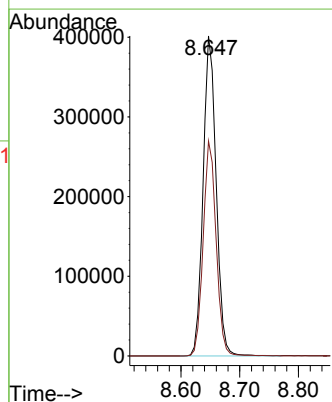
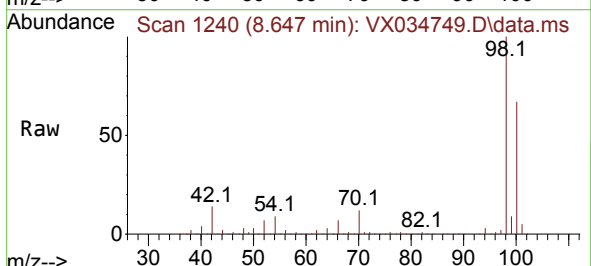


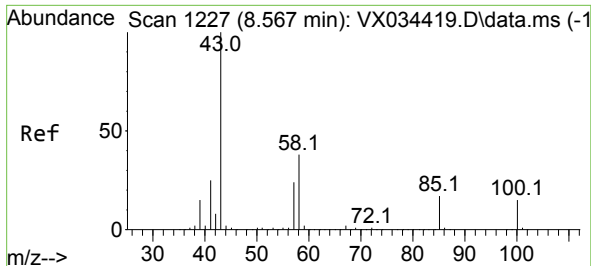
Tgt Ion:117 Resp: 33269
Ion Ratio Lower Upper
117 100
119 3.9 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.196 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034749.D
Acq: 27 Mar 2023 15:03

Tgt Ion: 98 Resp: 620677
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7

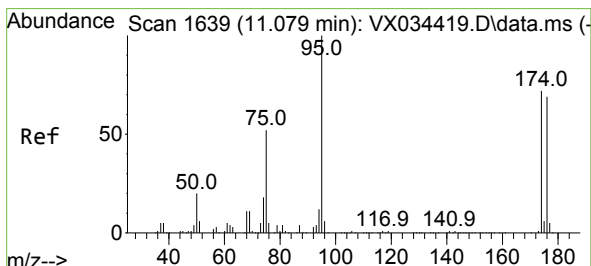
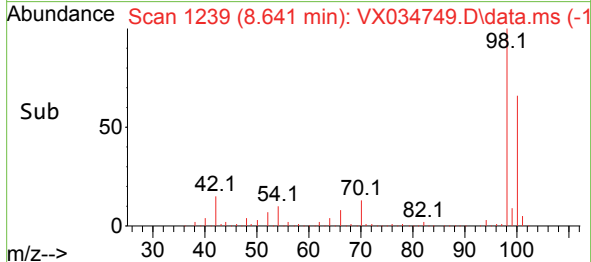
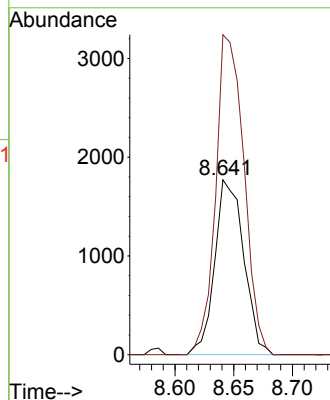
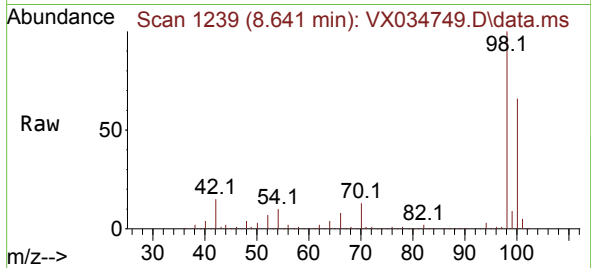




#51
4-Methyl-2-Pentanone
Concen: 0.534 ug/l
RT: 8.641 min Scan# 1227
Delta R.T. 0.073 min
Lab File: VX034749.D
Acq: 27 Mar 2023 15:03

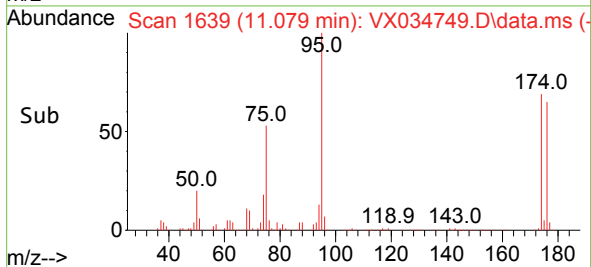
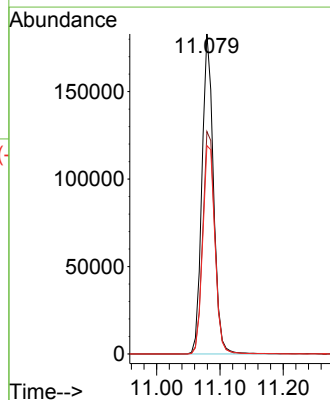
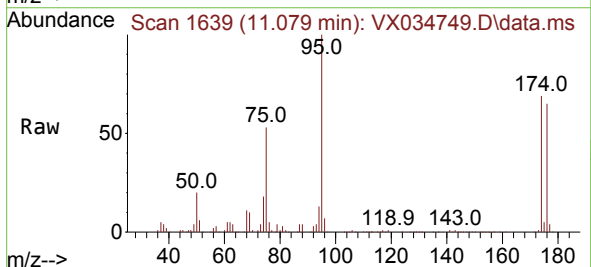
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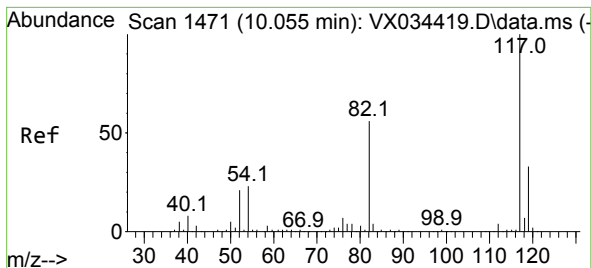
Tgt Ion: 43 Resp: 3040
Ion Ratio Lower Upper
43 100
58 178.8 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 44.666 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034749.D
Acq: 27 Mar 2023 15:03

Tgt Ion: 95 Resp: 232345
Ion Ratio Lower Upper
95 100
174 72.9 0.0 147.4
176 69.3 0.0 140.6

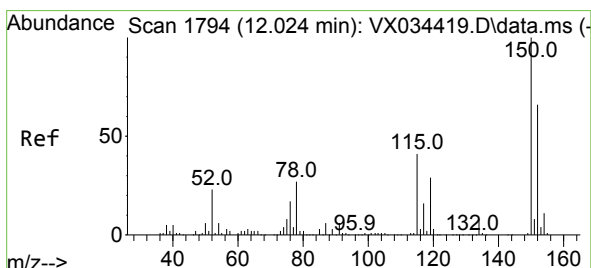
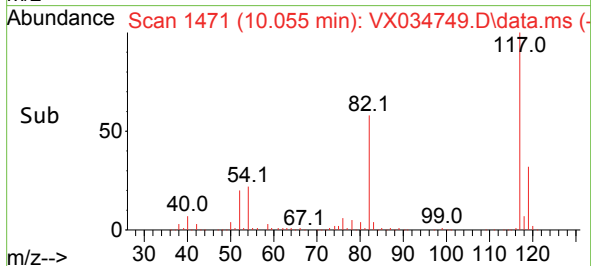
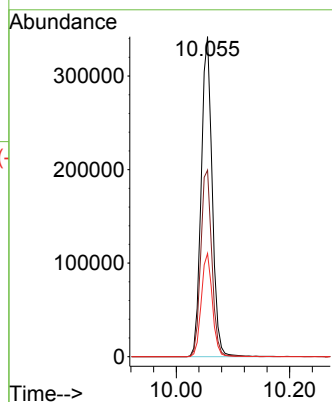
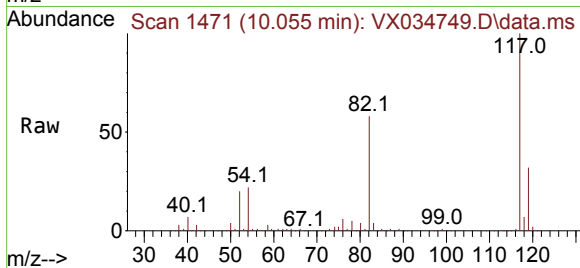




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034749.D
Acq: 27 Mar 2023 15:03

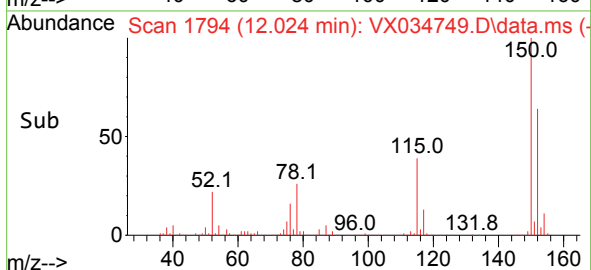
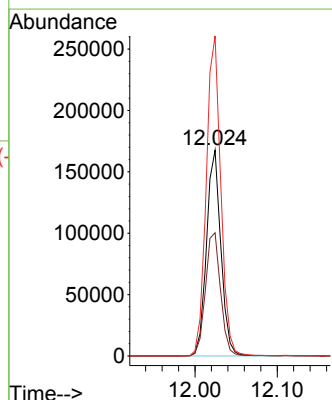
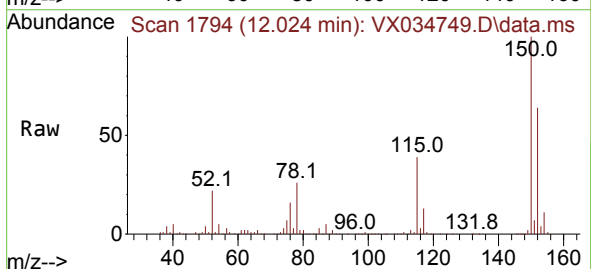
Instrument :
MSVOA_X
ClientSampleId :
UPS-01-032323

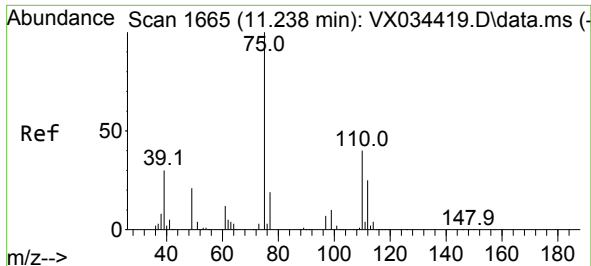
Tgt Ion:117 Resp: 459724
Ion Ratio Lower Upper
117 100
82 58.3 45.0 67.4
119 32.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034749.D
Acq: 27 Mar 2023 15:03

Tgt Ion:152 Resp: 203774
Ion Ratio Lower Upper
152 100
115 63.2 45.0 135.0
150 157.3 0.0 352.4

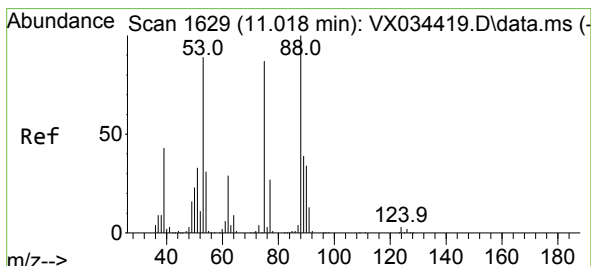
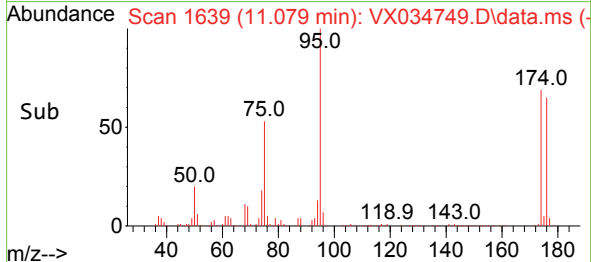
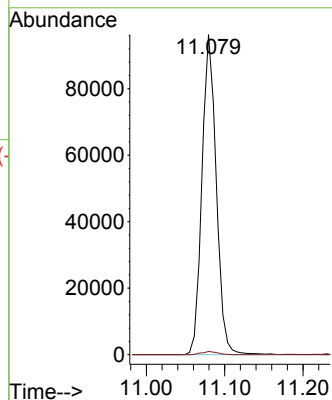
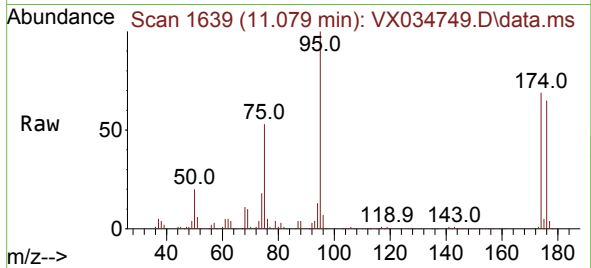




#76
1,2,3-Trichloropropane
Concen: 26.134 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034749.D
Acq: 27 Mar 2023 15:03

Instrument :
MSVOA_X
ClientSampleId :
UPS-01-032323

Tgt Ion: 75 Resp: 122278
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.700 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034749.D
Acq: 27 Mar 2023 15:03

Tgt Ion: 75 Resp: 122278
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

