

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031523\
 Data File : VX034516.D
 Acq On : 15 Mar 2023 18:19
 Operator : JC/MD
 Sample : 01909-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 UPS-01-031023-AM

Quant Time: Mar 16 05:22:36 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)

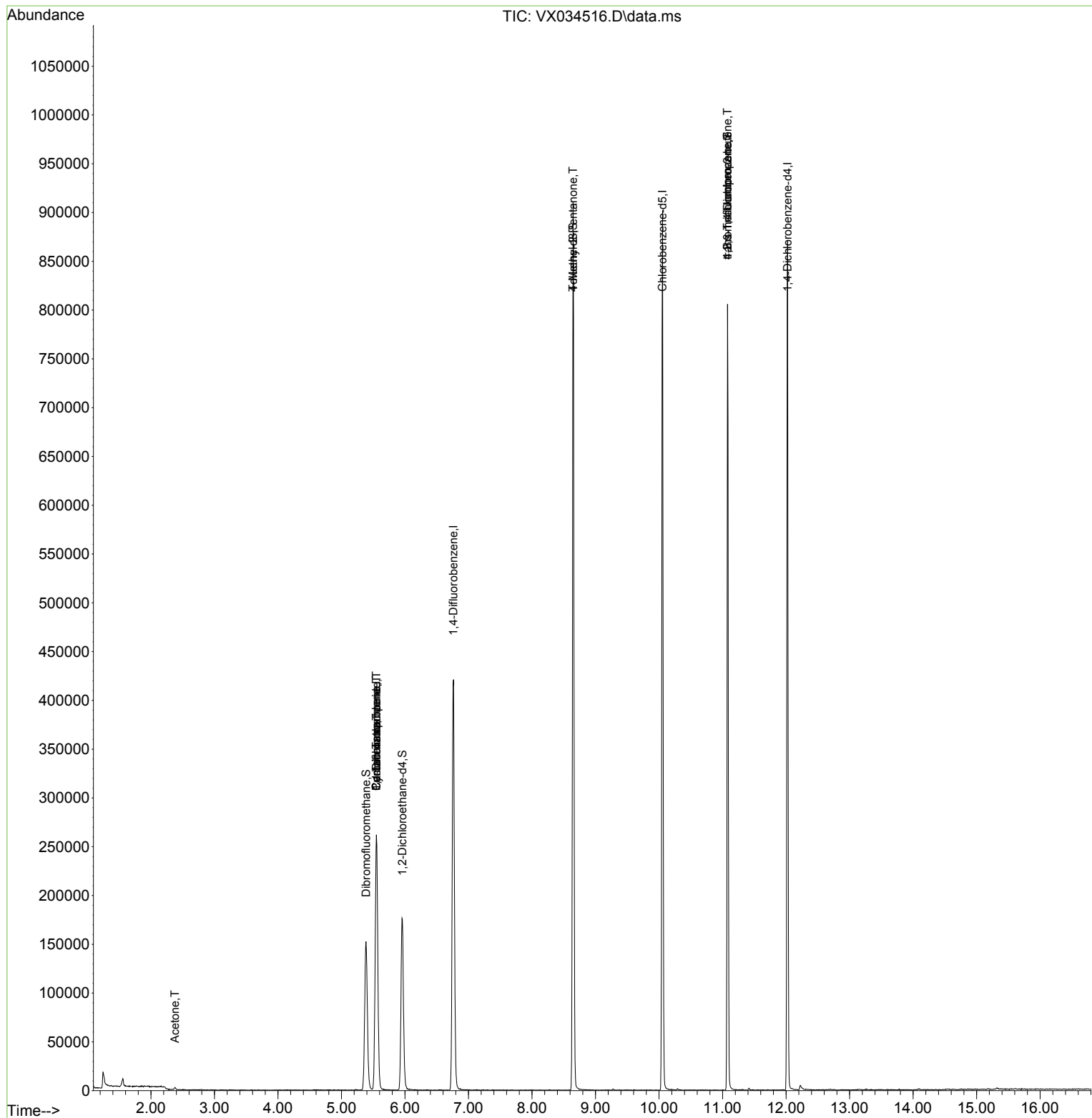
Internal Standards						
1) Pentafluorobenzene	5.550	168	249435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	427040	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	386531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	169019	46.577	ug/l	0.01
Spiked Amount	50.000	Range 78 - 117	Recovery	=	93.160%	
35) Dibromofluoromethane	5.385	113	134269	47.621	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	95.240%	
50) Toluene-d8	8.647	98	519745	49.380	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	98.760%	
62) 4-Bromofluorobenzene	11.079	95	203093	47.770	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	95.540%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	701	Below Cal		97
16) Acetone	2.380	43	2333	1.365	ug/l	89
31) Cyclohexane	5.550	56	5581	1.097	ug/l #	20
36) 1,1-Dichloropropene	5.550	75	19341	4.466	ug/l #	51
38) Carbon Tetrachloride	5.550	117	24967	5.795	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2447	0.526	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	107723	26.981	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	107723	72.993	ug/l #	8

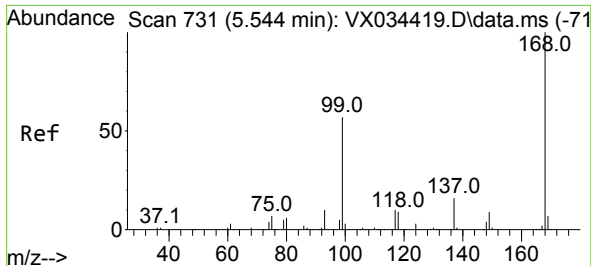
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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UPS-01-031023-AM

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

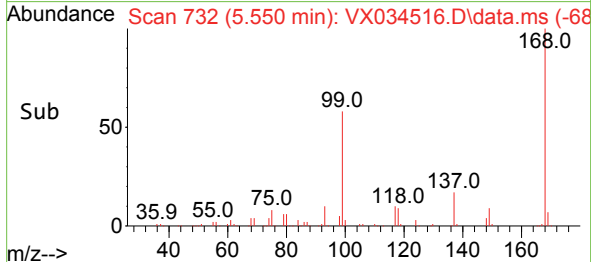
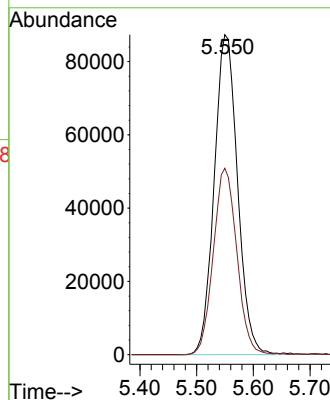
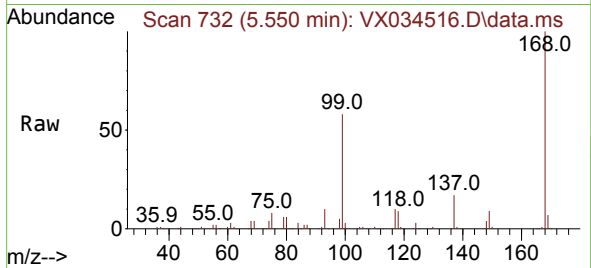




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034516.D
Acq: 15 Mar 2023 18:19

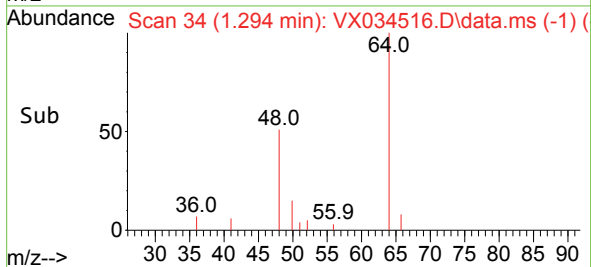
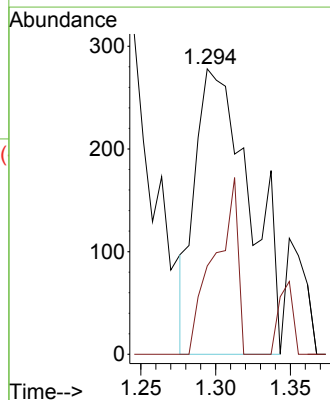
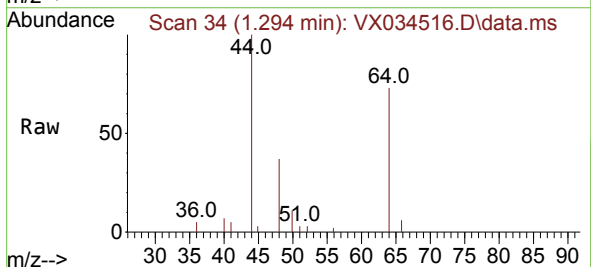
Instrument :
MSVOA_X
ClientSampleId :
UPS-01-031023-AM

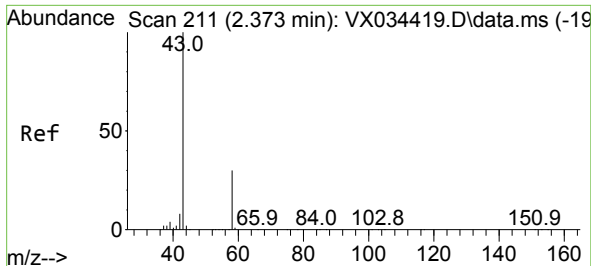
Tgt Ion:168 Resp: 249435
Ion Ratio Lower Upper
168 100
99 58.3 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034516.D
Acq: 15 Mar 2023 18:19

Tgt Ion: 50 Resp: 701
Ion Ratio Lower Upper
50 100
52 30.9 25.9 38.9

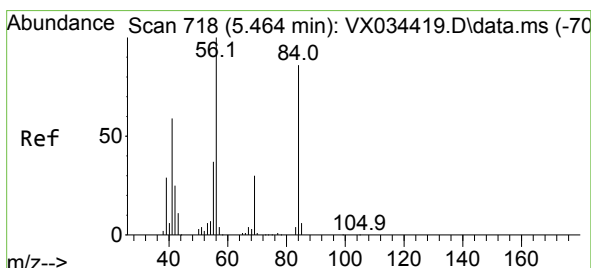
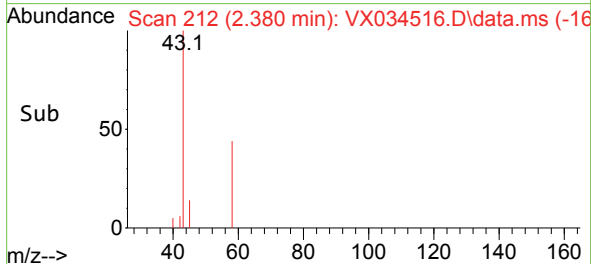
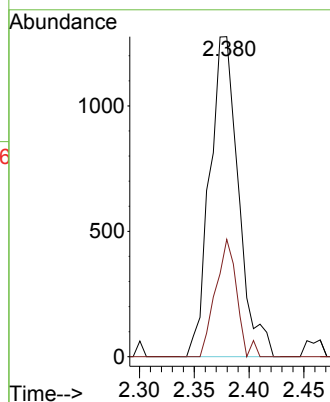
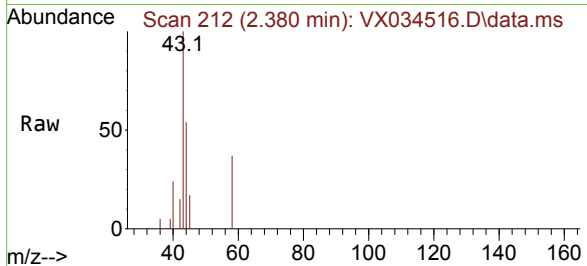




#16
Acetone
Concen: 1.365 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034516.D
Acq: 15 Mar 2023 18:19

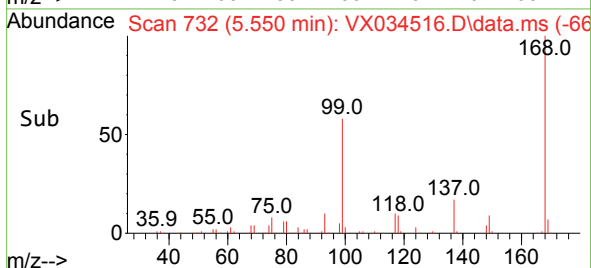
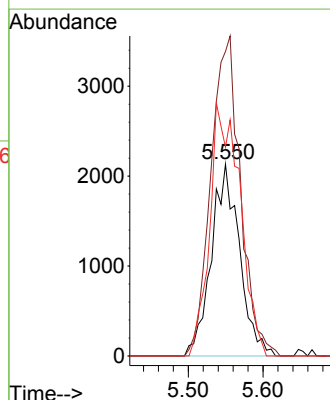
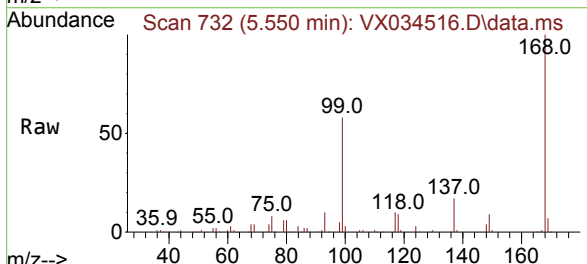
Instrument :
MSVOA_X
ClientSampleId :
UPS-01-031023-AM

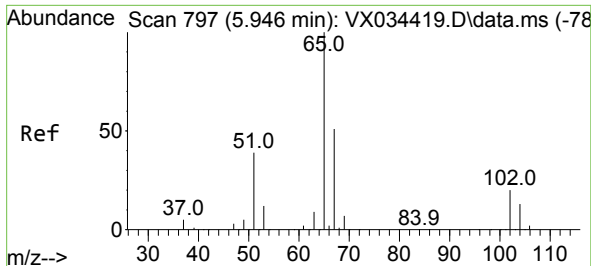
Tgt Ion: 43 Resp: 2333
Ion Ratio Lower Upper
43 100
58 36.7 24.7 37.1



#31
Cyclohexane
Concen: 1.097 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX034516.D
Acq: 15 Mar 2023 18:19

Tgt Ion: 56 Resp: 5581
Ion Ratio Lower Upper
56 100
69 158.7 23.7 35.5#
84 108.8 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 46.577 ug/l

RT: 5.958 min Scan# 797

Delta R.T. 0.012 min

Lab File: VX034516.D

Acq: 15 Mar 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

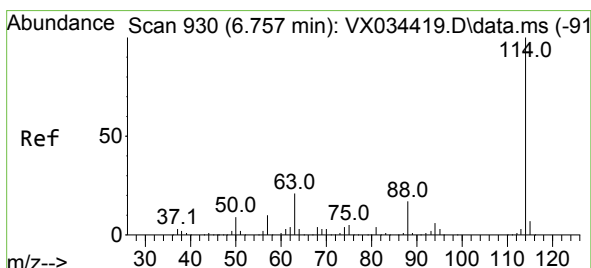
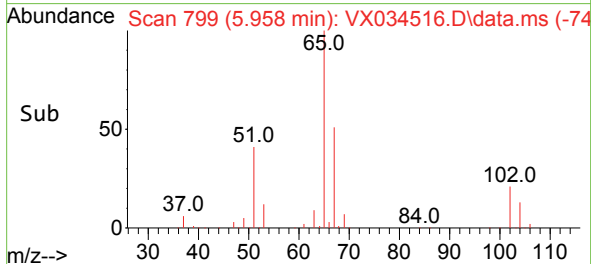
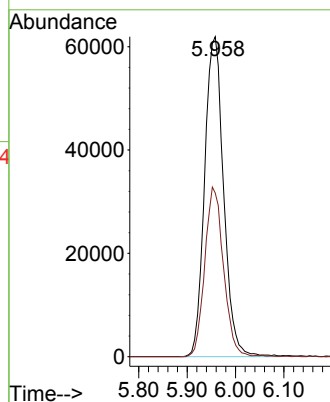
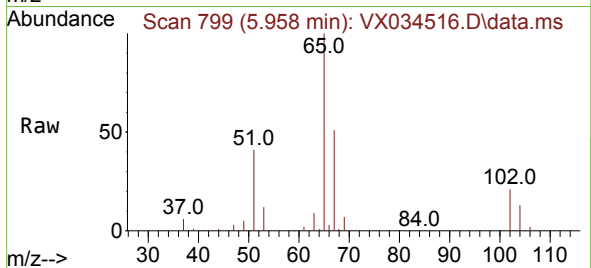
UPS-01-031023-AM

Tgt Ion: 65 Resp: 169019

Ion Ratio Lower Upper

65 100

67 52.1 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: VX034516.D

Acq: 15 Mar 2023 18:19

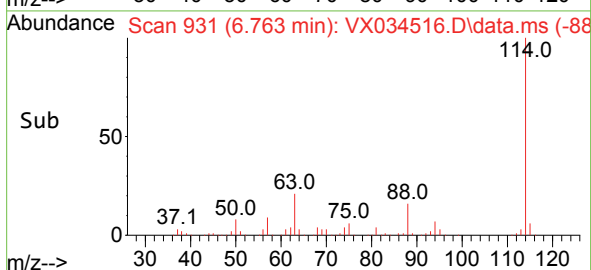
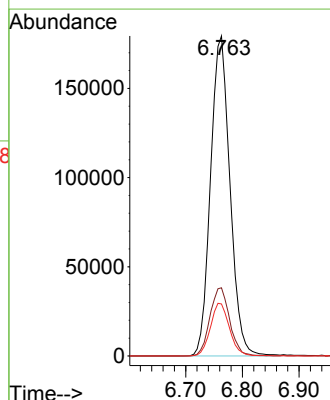
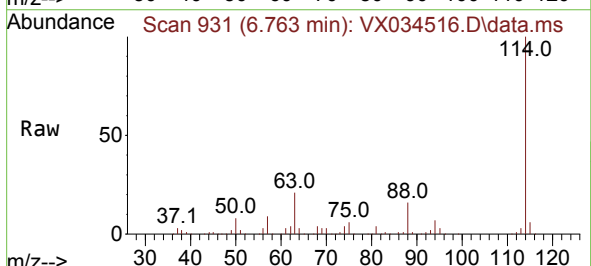
Tgt Ion: 114 Resp: 427040

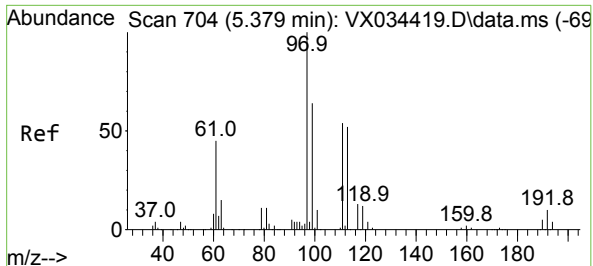
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.2

88 16.2 0.0 33.2

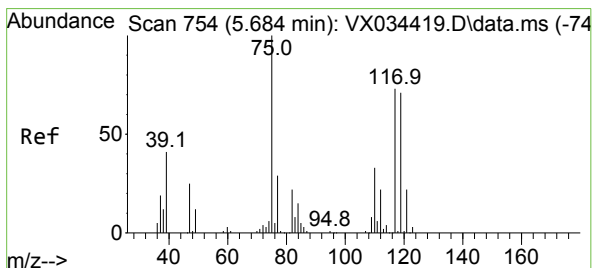
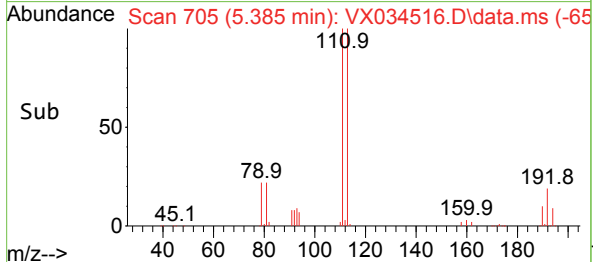
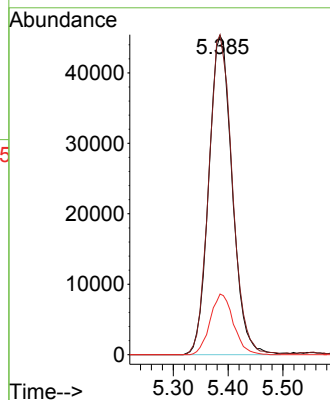
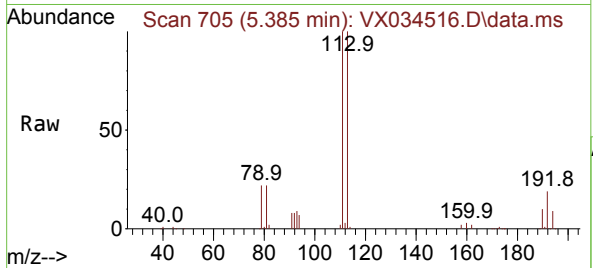




#35
Dibromofluoromethane
Concen: 47.621 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034516.D
Acq: 15 Mar 2023 18:19

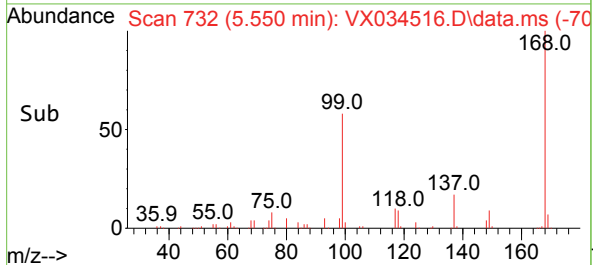
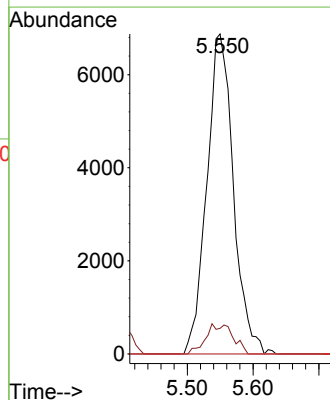
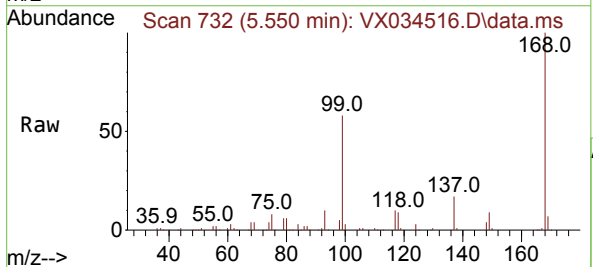
Instrument :
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ClientSampleId :
UPS-01-031023-AM

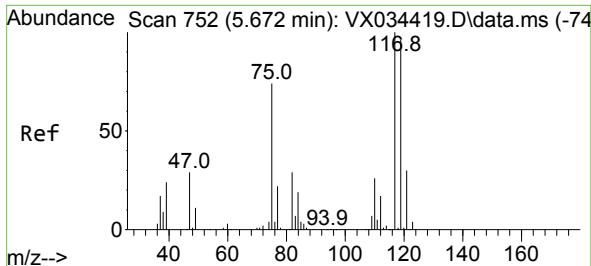
Tgt Ion:113 Resp: 134269
Ion Ratio Lower Upper
113 100
111 100.8 83.7 125.5
192 18.9 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.466 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX034516.D
Acq: 15 Mar 2023 18:19

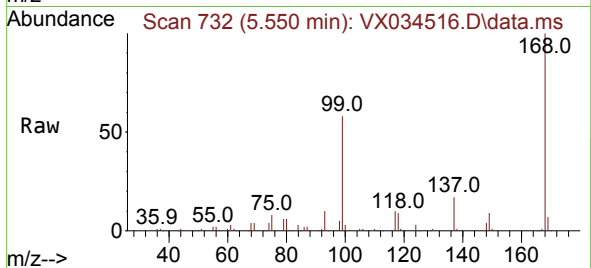
Tgt Ion: 75 Resp: 19341
Ion Ratio Lower Upper
75 100
110 9.5 17.5 52.5#
77 0.0 24.3 36.5#



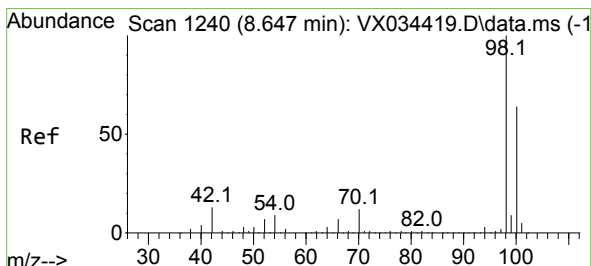
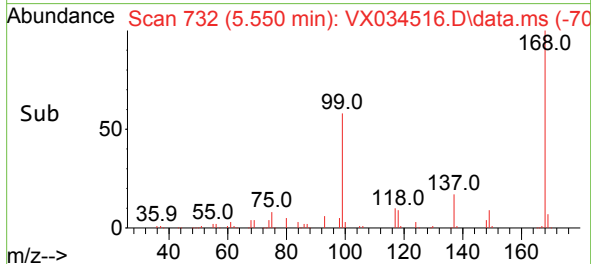
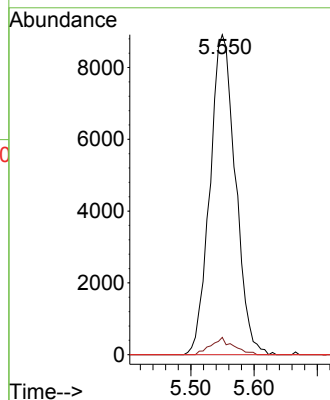


#38
Carbon Tetrachloride
Concen: 5.795 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034516.D
Acq: 15 Mar 2023 18:19

Instrument :
MSVOA_X
ClientSampleId :
UPS-01-031023-AM

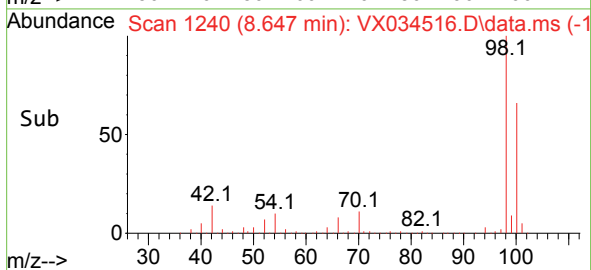
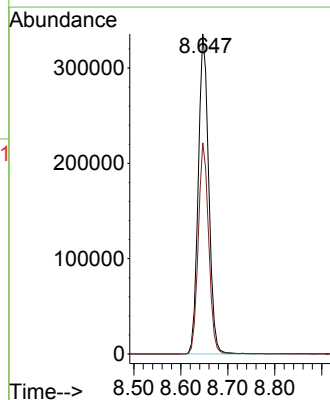
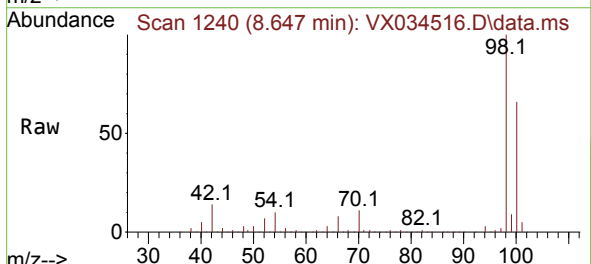


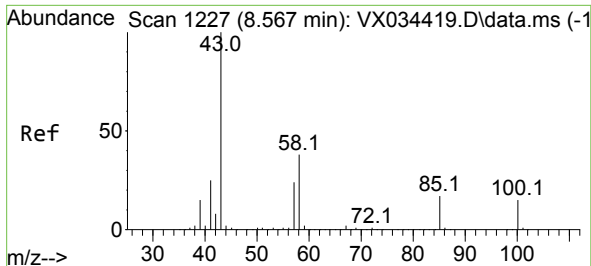
Tgt Ion:117 Resp: 24967
Ion Ratio Lower Upper
117 100
119 5.4 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.380 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034516.D
Acq: 15 Mar 2023 18:19

Tgt Ion: 98 Resp: 519745
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7

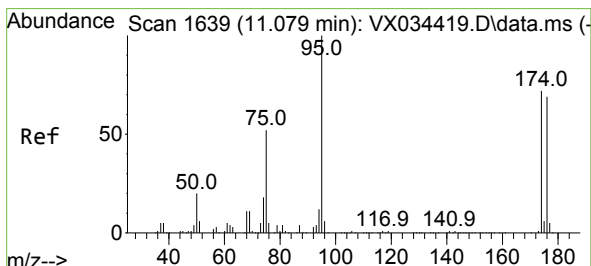
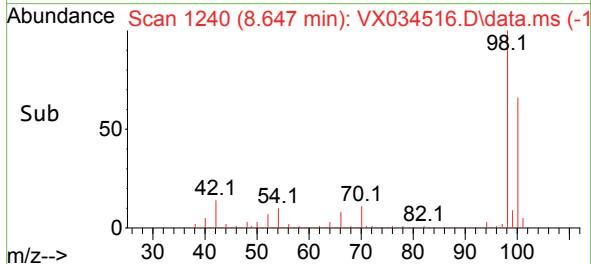
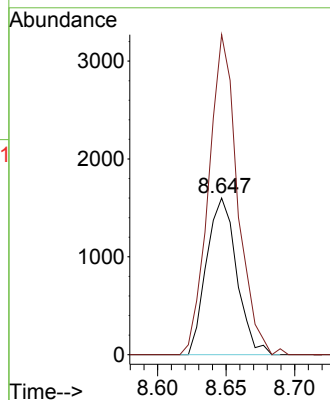
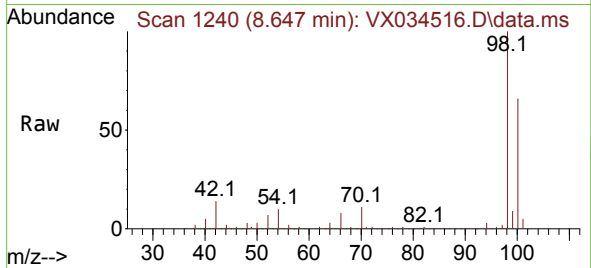




#51
4-Methyl-2-Pentanone
Concen: 0.526 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX034516.D
Acq: 15 Mar 2023 18:19

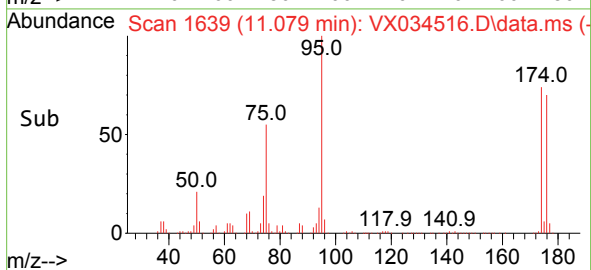
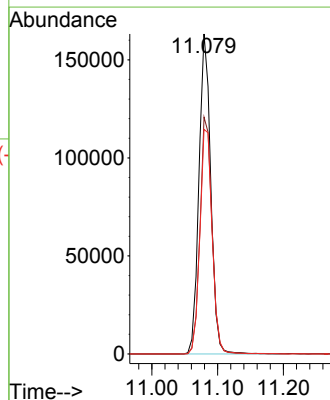
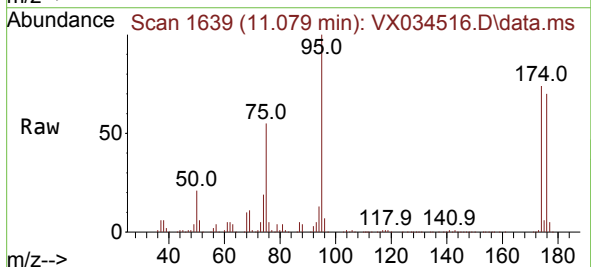
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ClientSampleId :
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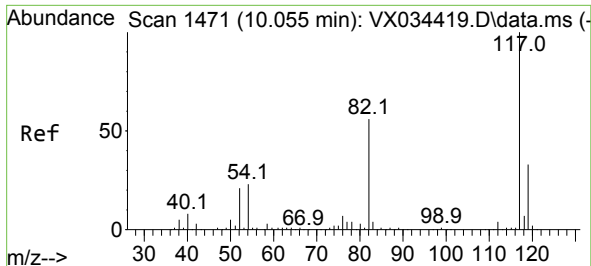
Tgt Ion: 43 Resp: 2447
Ion Ratio Lower Upper
43 100
58 197.0 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 47.770 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034516.D
Acq: 15 Mar 2023 18:19

Tgt Ion: 95 Resp: 203093
Ion Ratio Lower Upper
95 100
174 75.1 0.0 147.4
176 73.3 0.0 140.6

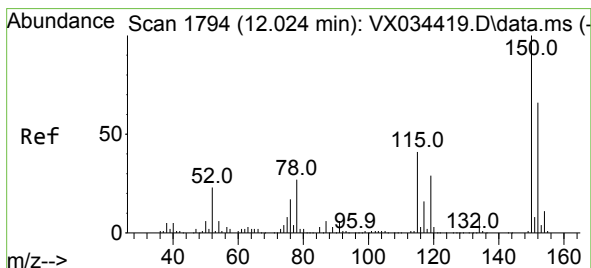
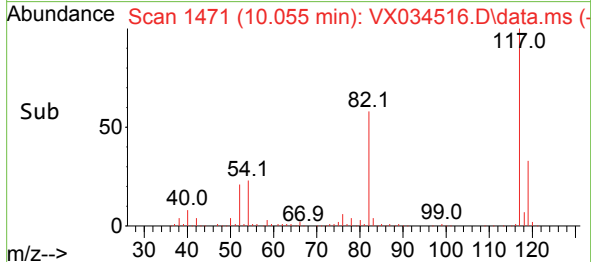
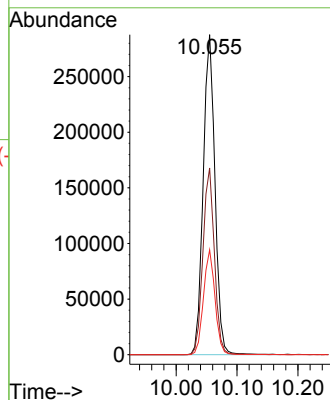
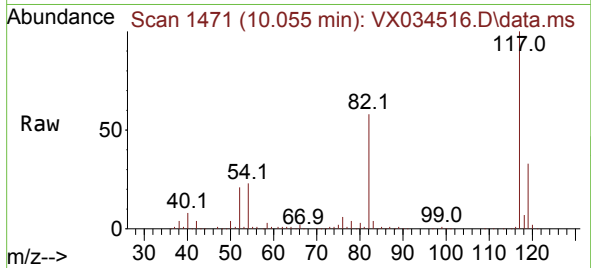




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034516.D
Acq: 15 Mar 2023 18:19

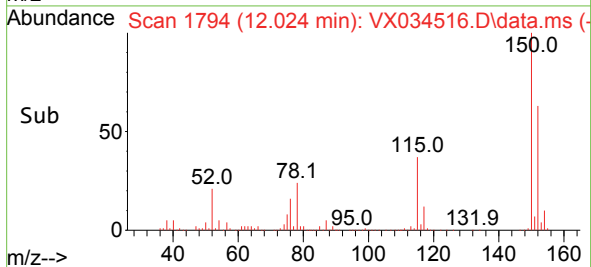
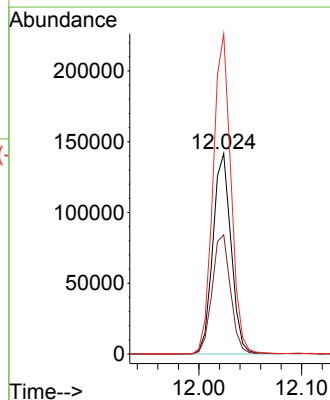
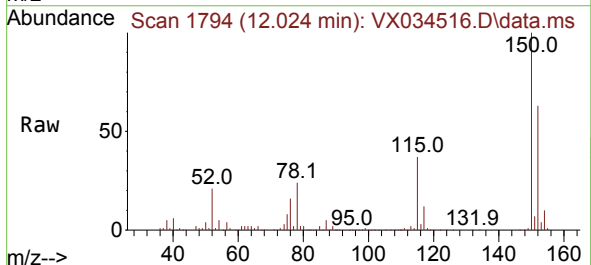
Instrument :
MSVOA_X
ClientSampleId :
UPS-01-031023-AM

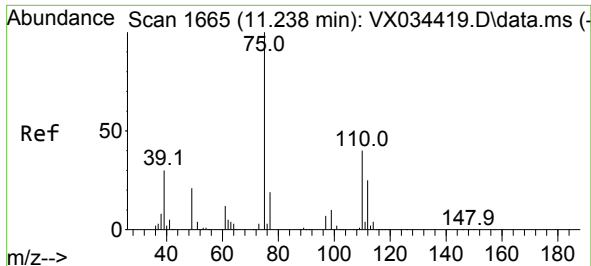
Tgt Ion:117 Resp: 386531
Ion Ratio Lower Upper
117 100
82 58.3 45.0 67.4
119 32.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034516.D
Acq: 15 Mar 2023 18:19

Tgt Ion:152 Resp: 173881
Ion Ratio Lower Upper
152 100
115 60.4 45.0 135.0
150 157.4 0.0 352.4

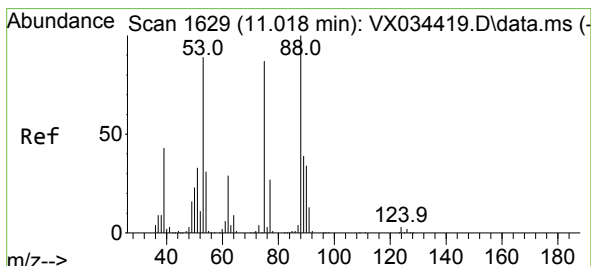
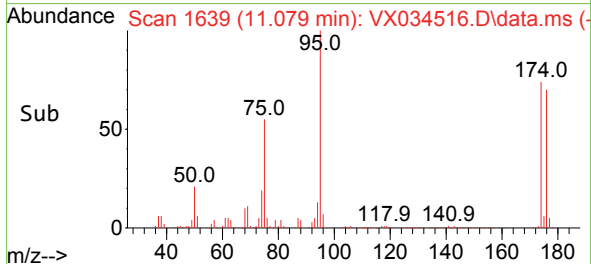
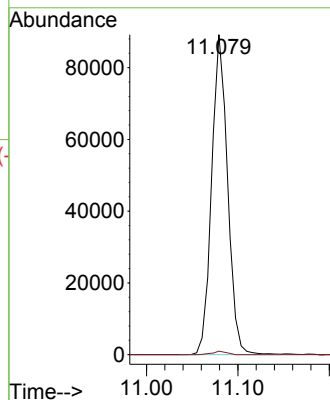
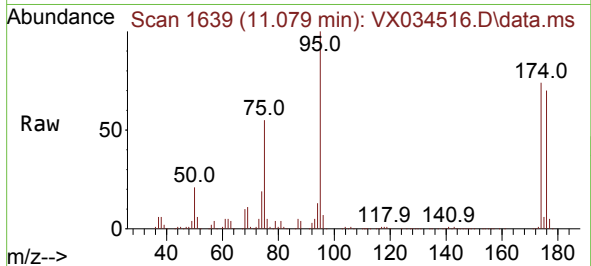




#76
1,2,3-Trichloropropane
Concen: 26.981 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034516.D
Acq: 15 Mar 2023 18:19

Instrument :
MSVOA_X
ClientSampleId :
UPS-01-031023-AM

Tgt Ion: 75 Resp: 107723
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.993 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034516.D
Acq: 15 Mar 2023 18:19

Tgt Ion: 75 Resp: 107723
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

