

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061923\
 Data File : VX036201.D
 Acq On : 19 Jun 2023 13:11
 Operator : JC/MD
 Sample : VX0619WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 20 03:40:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

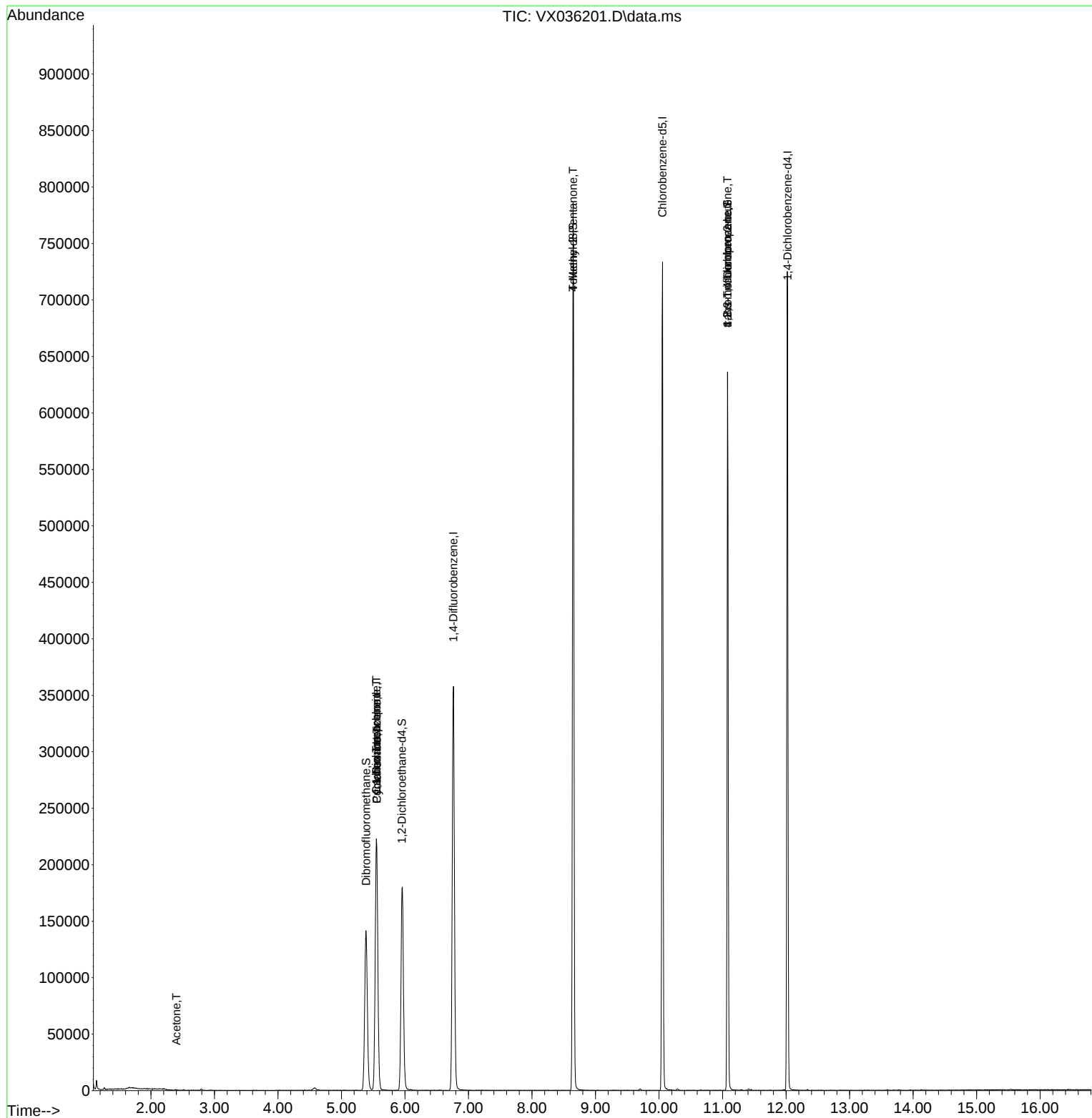
Internal Standards						
1) Pentafluorobenzene	5.556	168	189039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	343290	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	302231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	187191	54.186	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.380%	
35) Dibromofluoromethane	5.385	113	121910	52.369	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.740%	
50) Toluene-d8	8.647	98	435174	51.105	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.220%	
62) 4-Bromofluorobenzene	11.079	95	169157	49.212	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.420%	
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	655	0.456	ug/l	90
31) Cyclohexane	5.556	56	5063	1.366	ug/l #	14
36) 1,1-Dichloropropene	5.550	75	18546	5.408	ug/l #	51
38) Carbon Tetrachloride	5.550	117	22813	6.844	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	2526	0.654	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	93734	28.494	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	93734	99.735	ug/l #	5

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

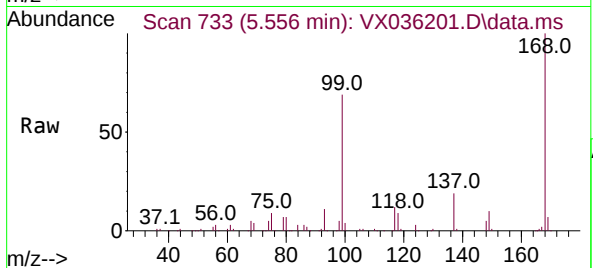
Quant Time: Jun 20 03:40:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 16 16:28:40 2023
Response via : Initial Calibration



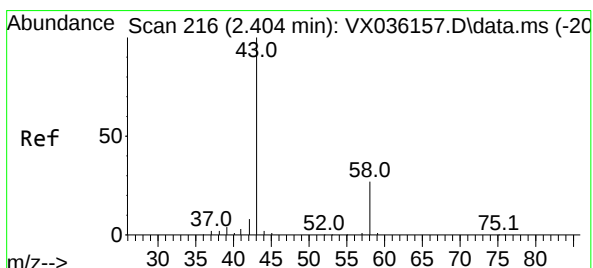
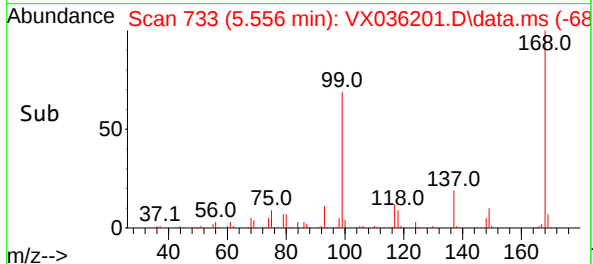
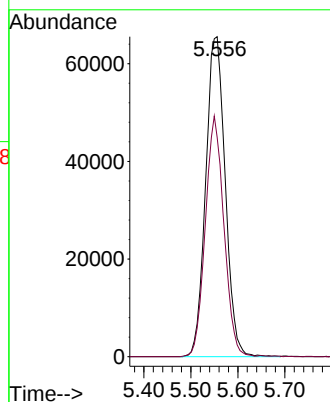


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036201.D
Acq: 19 Jun 2023 13:11

Instrument :
MSVOA_X
ClientSampleId :

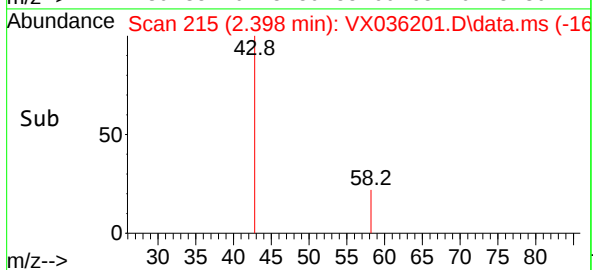
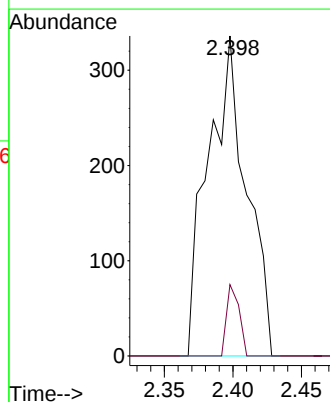
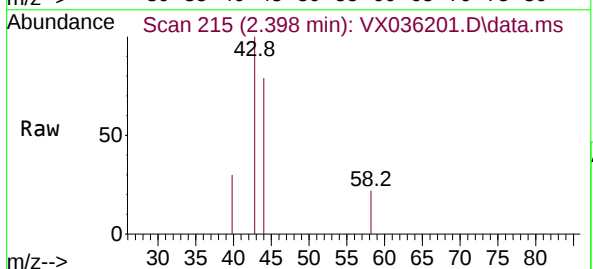


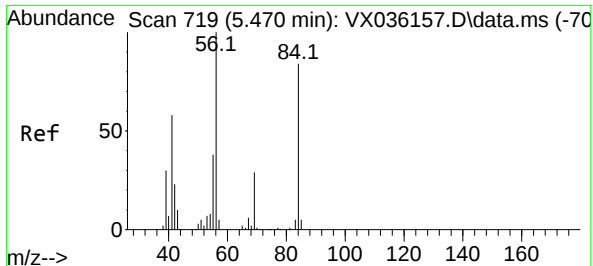
Tgt Ion:168 Resp: 189039
Ion Ratio Lower Upper
168 100
99 68.6 56.6 85.0



#16
Acetone
Concen: 0.456 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX036201.D
Acq: 19 Jun 2023 13:11

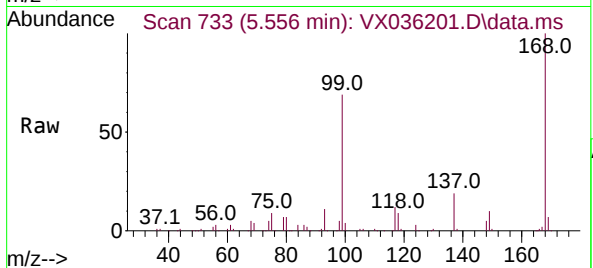
Tgt Ion: 43 Resp: 655
Ion Ratio Lower Upper
43 100
58 22.3 21.9 32.9



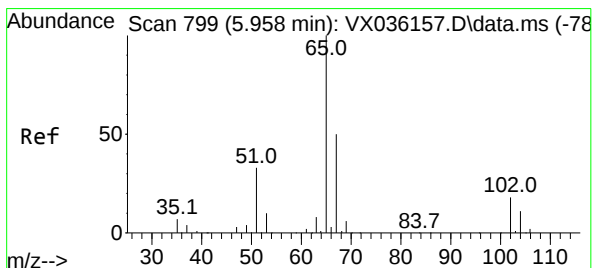
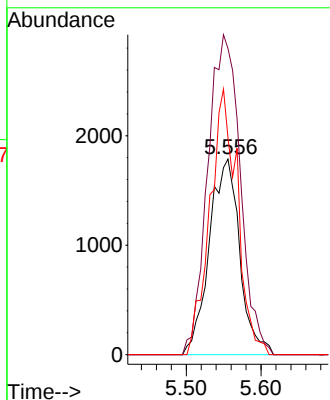
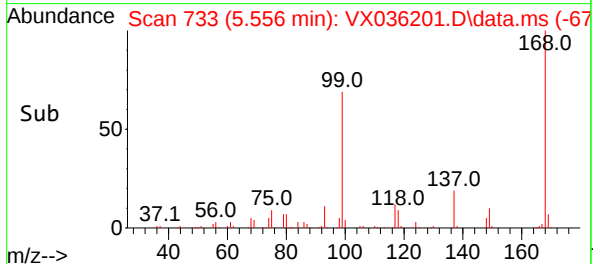


#31
Cyclohexane
Concen: 1.366 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX036201.D
Acq: 19 Jun 2023 13:11

Instrument :
MSVOA_X
ClientSampleId :

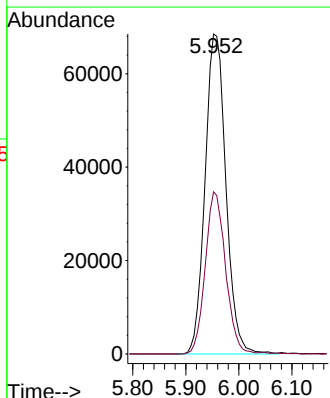
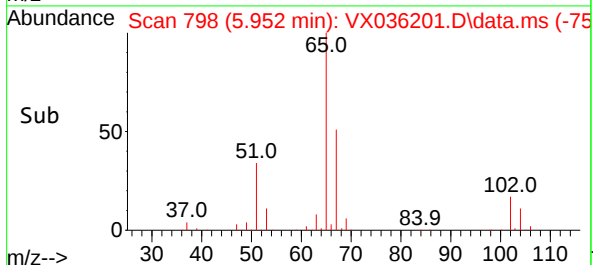
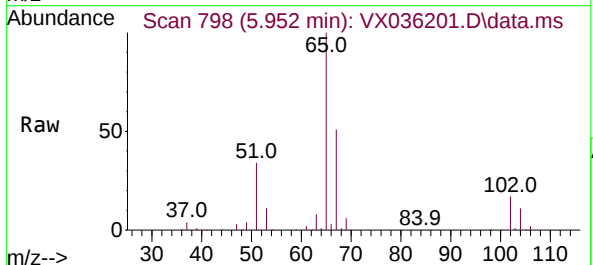


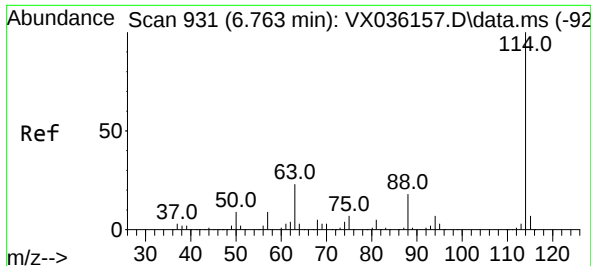
Tgt Ion: 56 Resp: 5063
Ion Ratio Lower Upper
56 100
69 156.7 23.4 35.2#
84 111.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 54.186 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX036201.D
Acq: 19 Jun 2023 13:11

Tgt Ion: 65 Resp: 187191
Ion Ratio Lower Upper
65 100
67 49.2 0.0 100.2

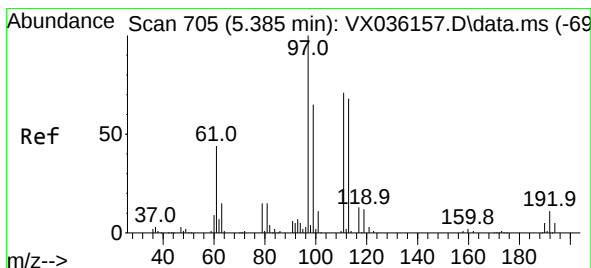
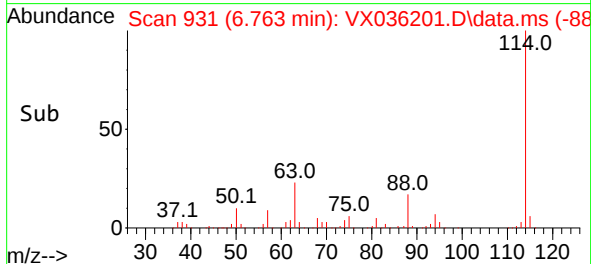
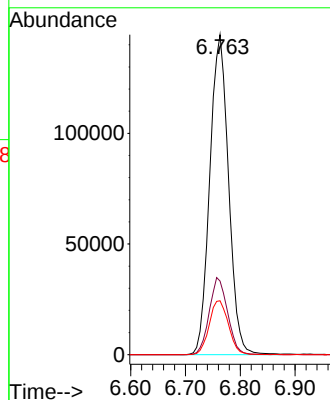
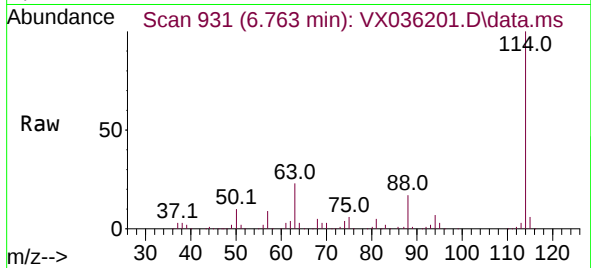




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX036201.D
Acq: 19 Jun 2023 13:11

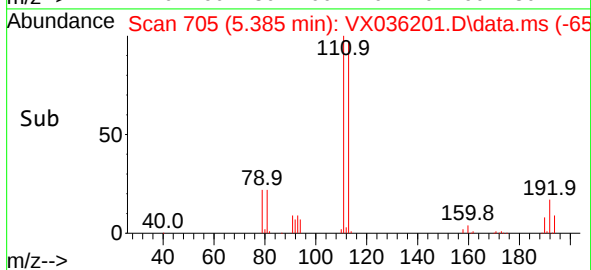
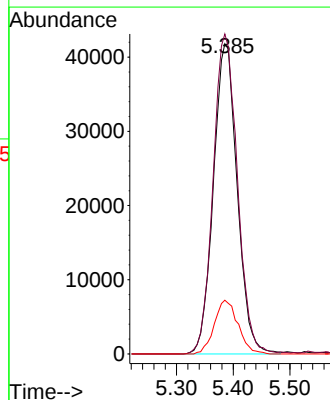
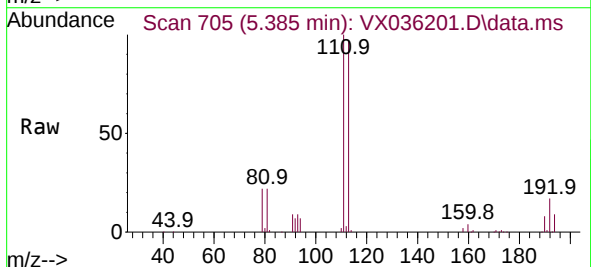
Instrument :
MSVOA_X
ClientSampleId :

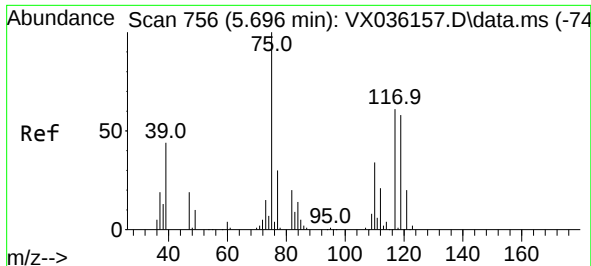
Tgt Ion:114 Resp: 343290
Ion Ratio Lower Upper
114 100
63 23.0 0.0 45.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 52.369 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036201.D
Acq: 19 Jun 2023 13:11

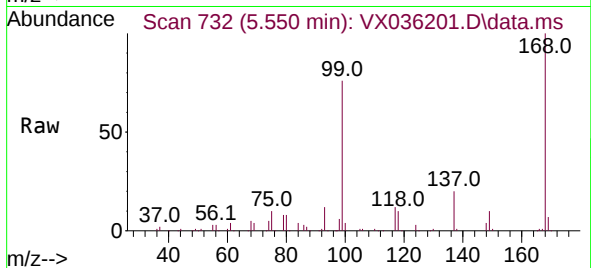
Tgt Ion:113 Resp: 121910
Ion Ratio Lower Upper
113 100
111 104.9 82.9 124.3
192 17.3 13.3 19.9



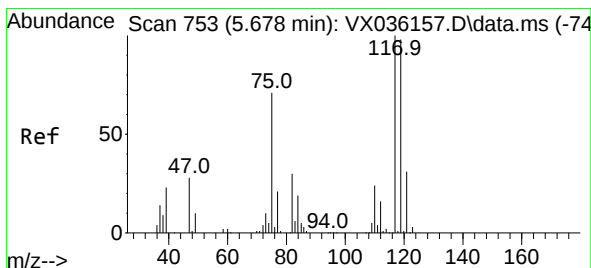
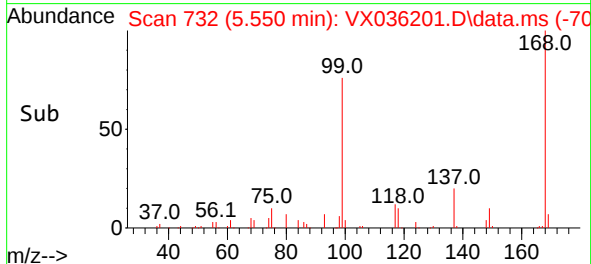
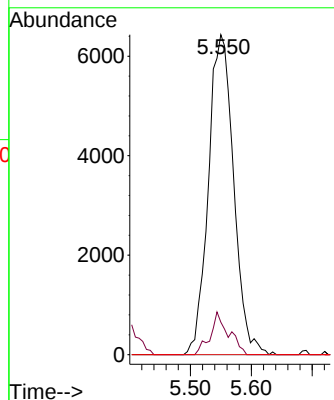


#36
1,1-Dichloropropene
Concen: 5.408 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX036201.D
Acq: 19 Jun 2023 13:11

Instrument :
MSVOA_X
ClientSampleId :

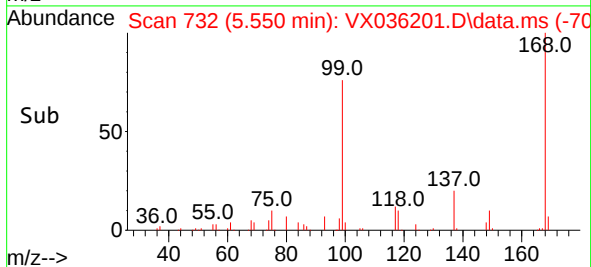
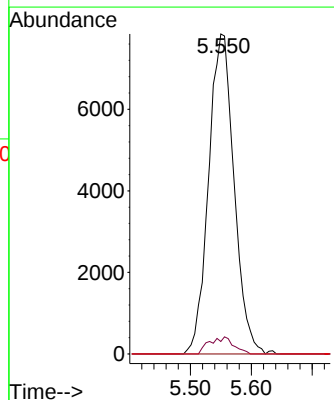
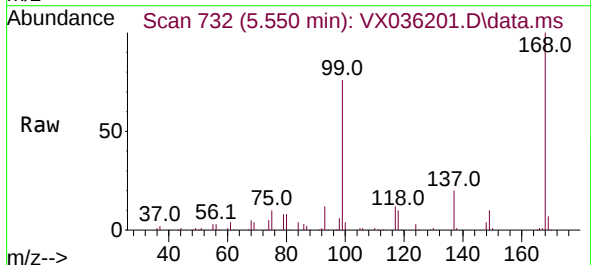


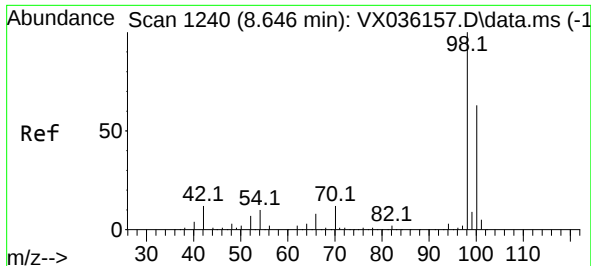
Tgt Ion: 75 Resp: 18546
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.844 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036201.D
Acq: 19 Jun 2023 13:11

Tgt Ion: 117 Resp: 22813
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#

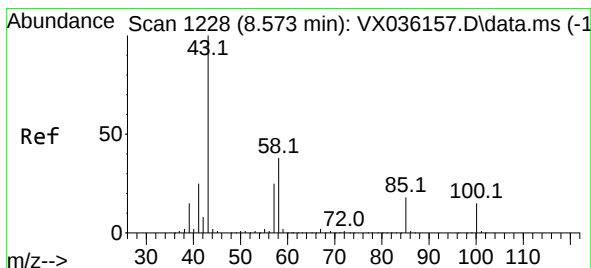
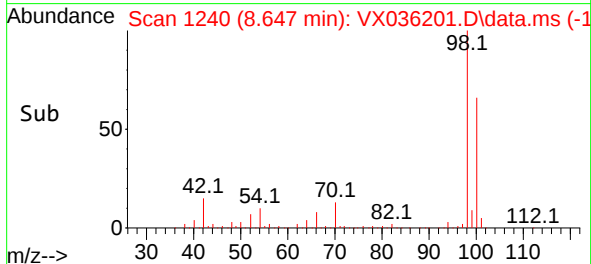
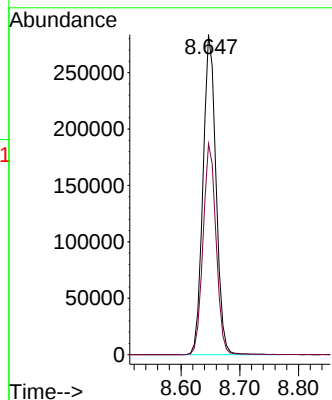
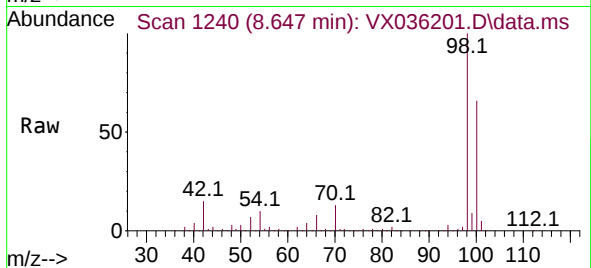




#50
Toluene-d8
Concen: 51.105 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036201.D
Acq: 19 Jun 2023 13:11

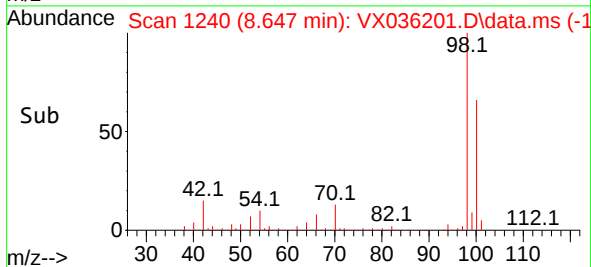
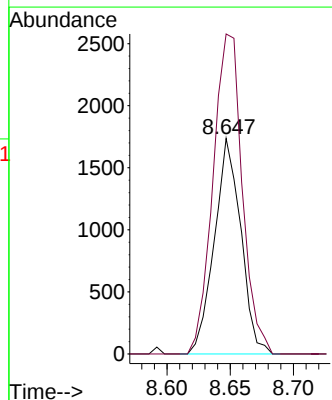
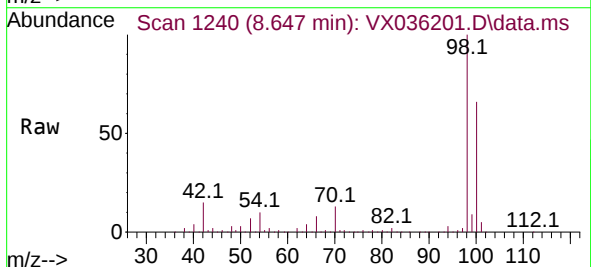
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MSVOA_X
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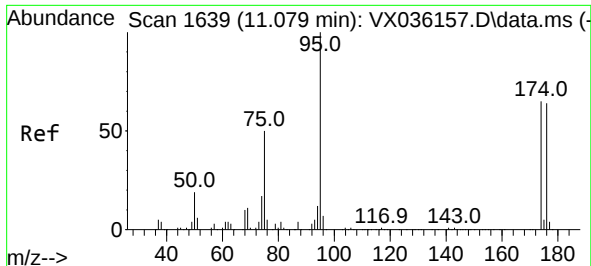
Tgt Ion: 98 Resp: 435174
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.654 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX036201.D
Acq: 19 Jun 2023 13:11

Tgt Ion: 43 Resp: 2526
Ion Ratio Lower Upper
43 100
58 164.3 30.4 45.6#





#62

4-Bromofluorobenzene

Concen: 49.212 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036201.D

Acq: 19 Jun 2023 13:11

Instrument :

MSVOA_X

ClientSampleId :

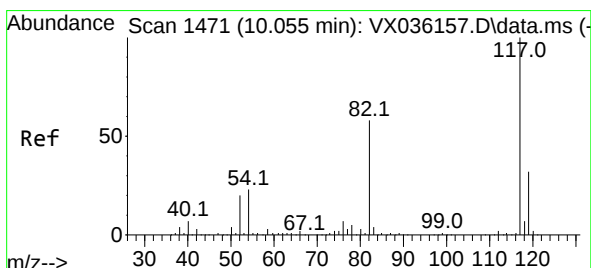
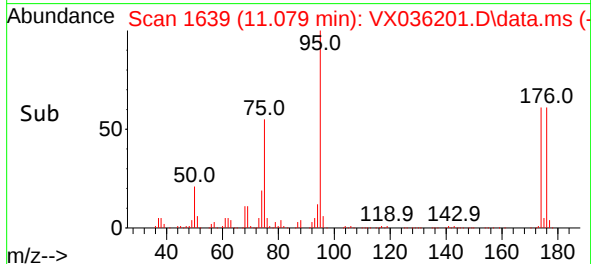
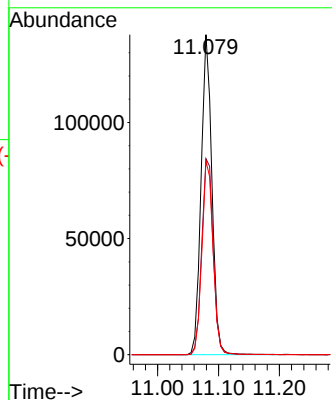
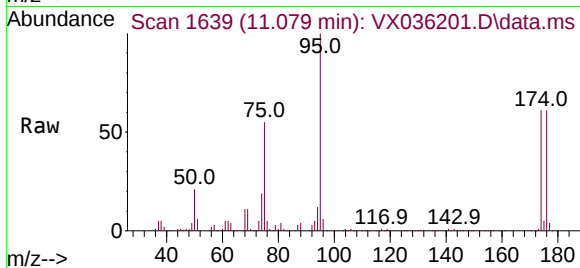
Tgt Ion: 95 Resp: 169157

Ion Ratio Lower Upper

95 100

174 65.0 0.0 135.6

176 62.6 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX036201.D

Acq: 19 Jun 2023 13:11

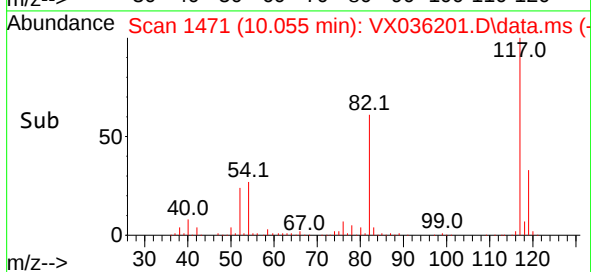
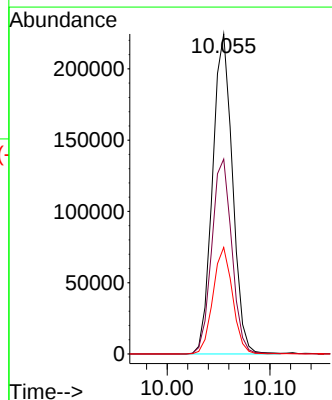
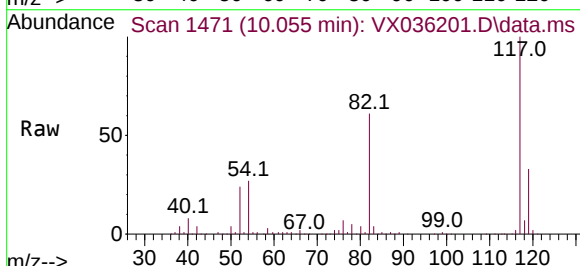
Tgt Ion: 117 Resp: 302231

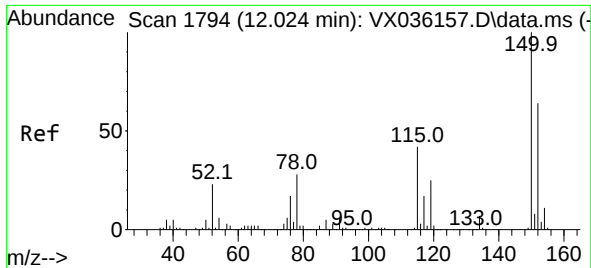
Ion Ratio Lower Upper

117 100

82 60.9 46.2 69.4

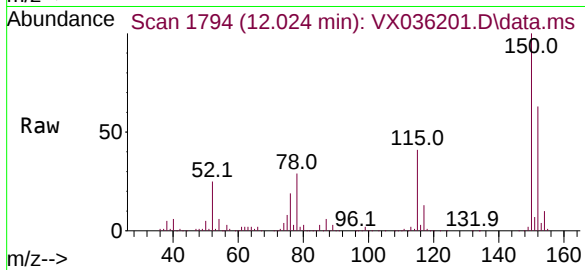
119 33.3 25.5 38.3



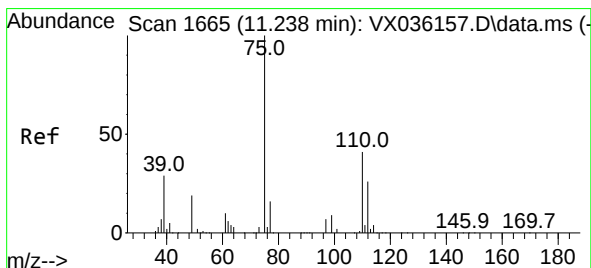
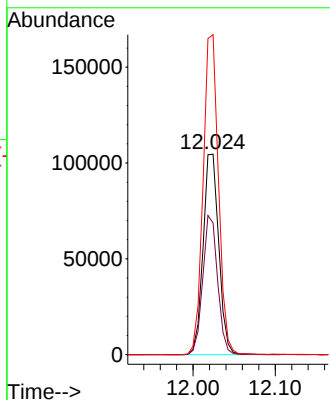
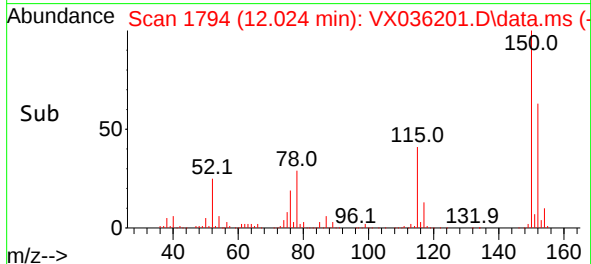


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036201.D
 Acq: 19 Jun 2023 13:11

Instrument :
 MSVOA_X
 ClientSampleId :

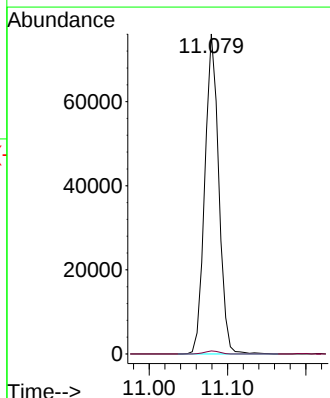
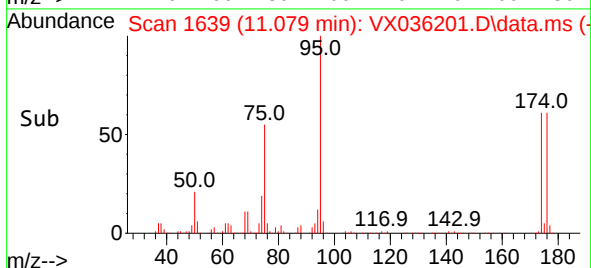
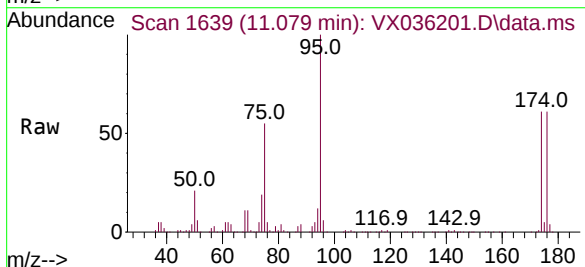


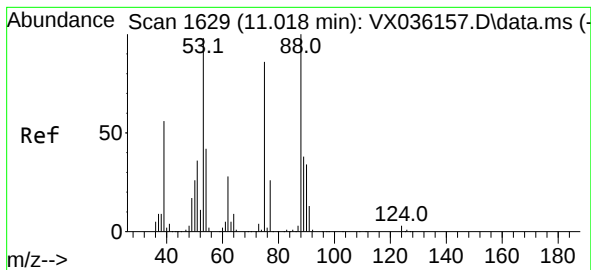
Tgt Ion:152 Resp: 138610
 Ion Ratio Lower Upper
 152 100
 115 65.8 43.3 129.9
 150 156.4 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 28.494 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX036201.D
 Acq: 19 Jun 2023 13:11

Tgt Ion: 75 Resp: 93734
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.735 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX036201.D
 Acq: 19 Jun 2023 13:11

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 93734
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

