

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061923\
 Data File : VX036207.D
 Acq On : 19 Jun 2023 15:40
 Operator : JC/MD
 Sample : 03238-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 20 03:43:57 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)

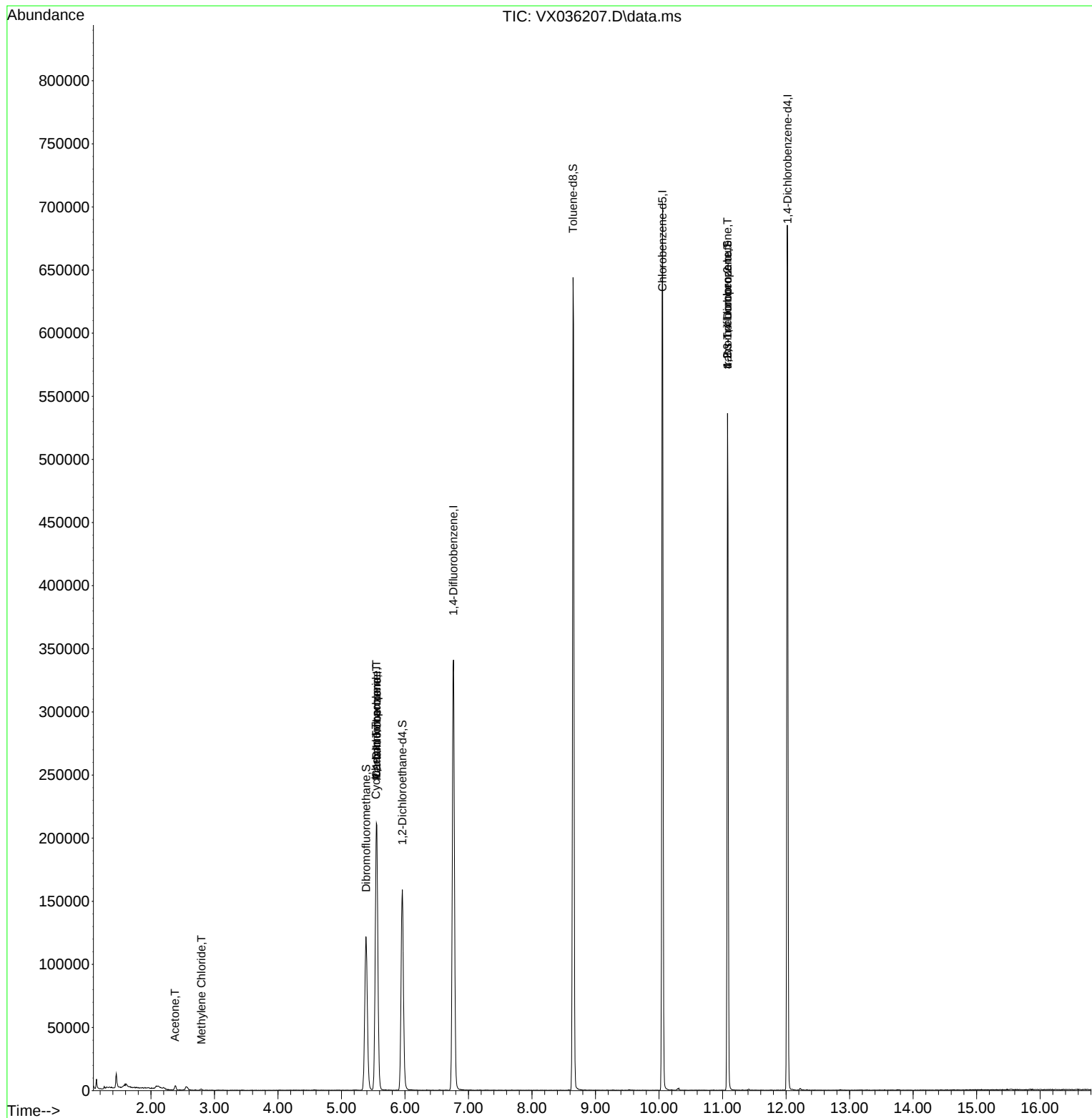
Internal Standards						
1) Pentafluorobenzene	5.556	168	178201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	324534	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	292162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159727	49.048	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.100%
35) Dibromofluoromethane	5.385	113	104138	47.320	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.640%
50) Toluene-d8	8.647	98	367871	45.698	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.400%#
62) 4-Bromofluorobenzene	11.079	95	143431	44.140	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.280%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	4031	2.979	ug/l	91
20) Methylene Chloride	2.794	84	493	0.201	ug/l #	81
31) Cyclohexane	5.544	56	5160	1.477	ug/l #	36
36) 1,1-Dichloropropene	5.550	75	17141	5.288	ug/l #	52
38) Carbon Tetrachloride	5.550	117	21033	6.674	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	78137	24.844	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	78137	86.960	ug/l #	5

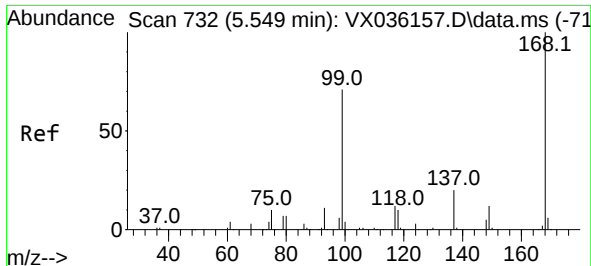
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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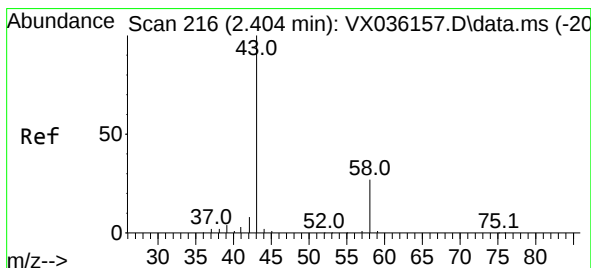
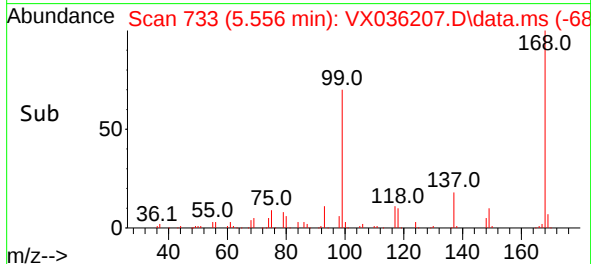
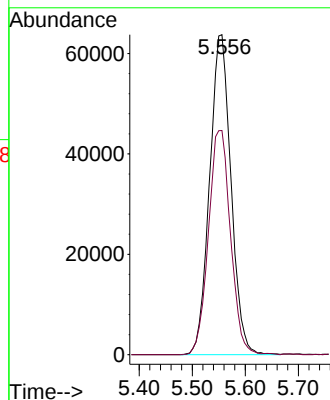
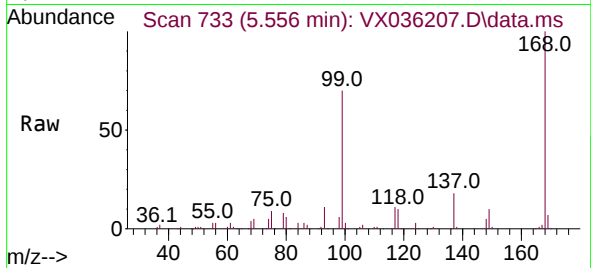




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036207.D
Acq: 19 Jun 2023 15:40

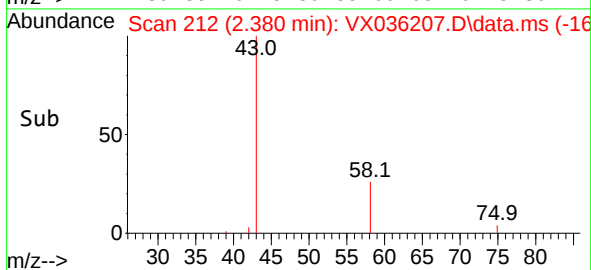
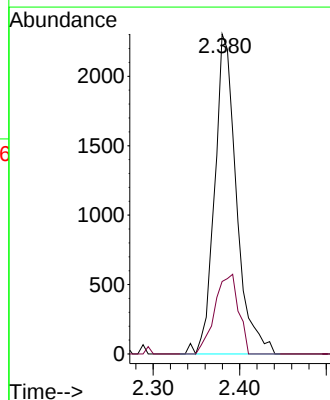
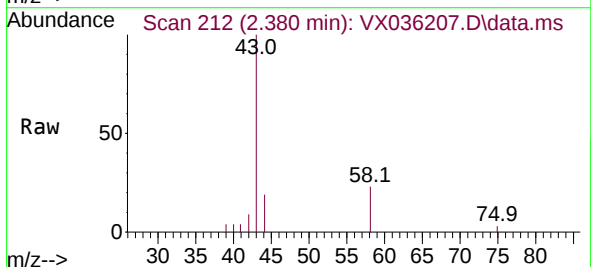
Instrument :
MSVOA_X
ClientSampleId :

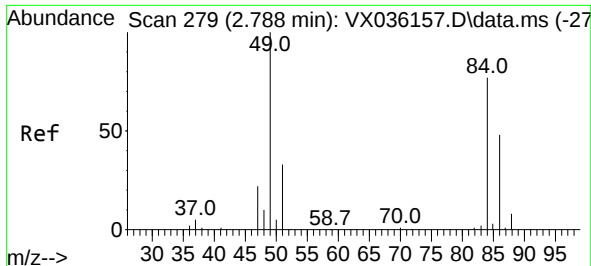
Tgt Ion:168 Resp: 178201
Ion Ratio Lower Upper
168 100
99 70.0 56.6 85.0



#16
Acetone
Concen: 2.979 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.024 min
Lab File: VX036207.D
Acq: 19 Jun 2023 15:40

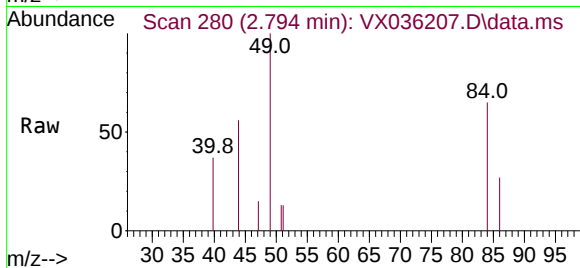
Tgt Ion: 43 Resp: 4031
Ion Ratio Lower Upper
43 100
58 22.6 21.9 32.9



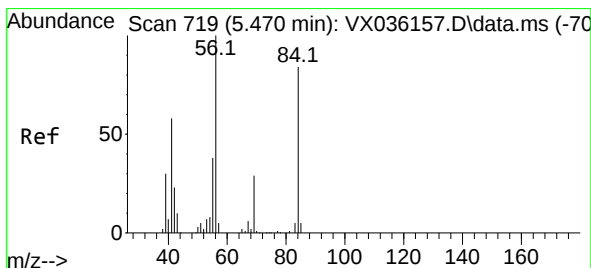
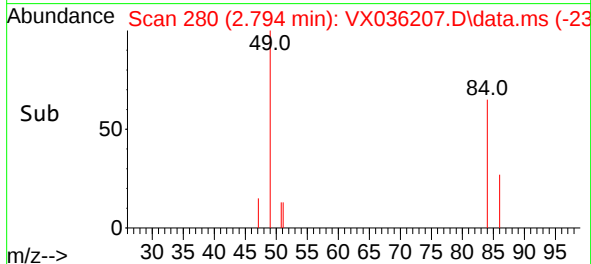
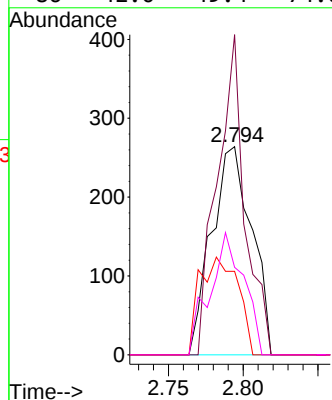


#20
Methylene Chloride
Concen: 0.201 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036207.D
Acq: 19 Jun 2023 15:40

Instrument :
MSVOA_X
ClientSampleId :

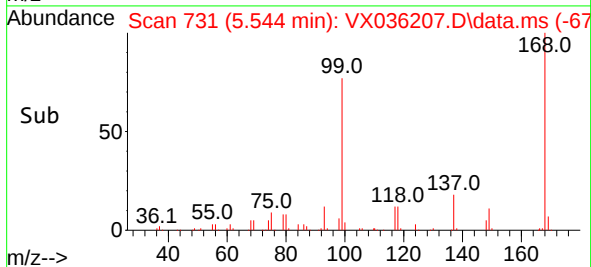
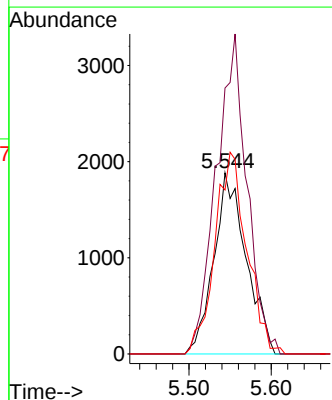
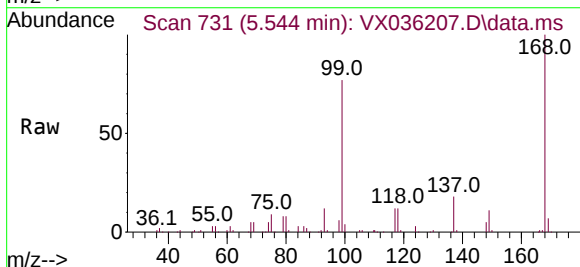


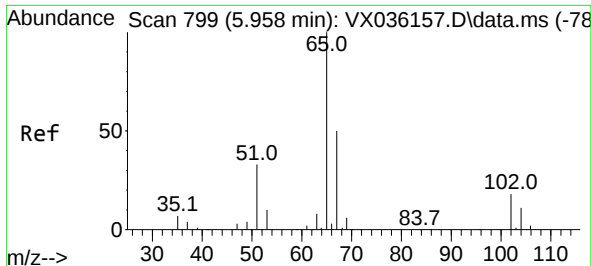
Tgt Ion:	84	Resp:	493
Ion	Ratio	Lower	Upper
84	100		
49	153.8	103.6	155.4
51	40.2	33.8	50.6
86	42.0	49.4	74.0#



#31
Cyclohexane
Concen: 1.477 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.074 min
Lab File: VX036207.D
Acq: 19 Jun 2023 15:40

Tgt Ion:	56	Resp:	5160
Ion	Ratio	Lower	Upper
56	100		
69	146.8	23.4	35.2#
84	90.6	65.9	98.9





#33

1,2-Dichloroethane-d4

Concen: 49.048 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX036207.D

Acq: 19 Jun 2023 15:40

Instrument :

MSVOA_X

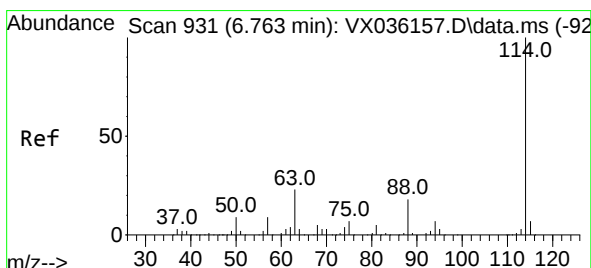
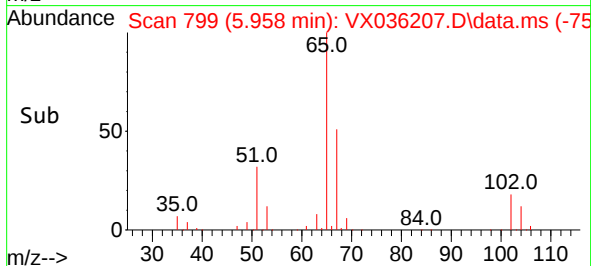
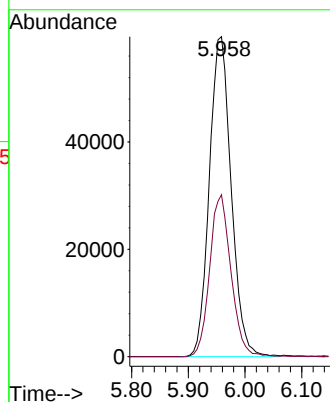
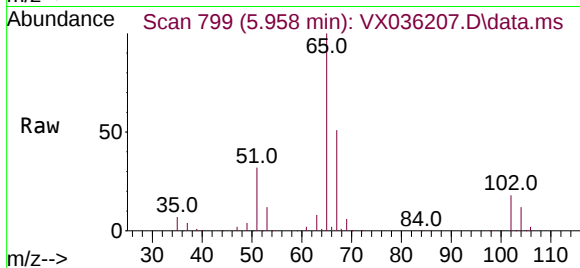
ClientSampleId :

Tgt Ion: 65 Resp: 159727

Ion Ratio Lower Upper

65 100

67 49.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036207.D

Acq: 19 Jun 2023 15:40

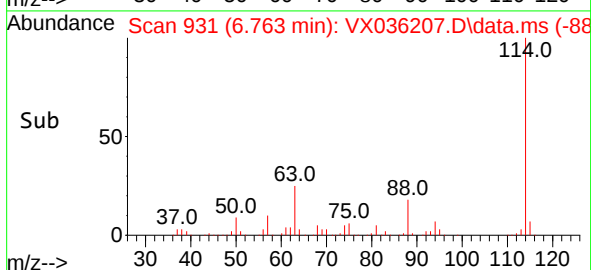
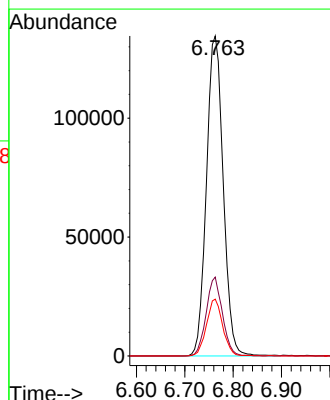
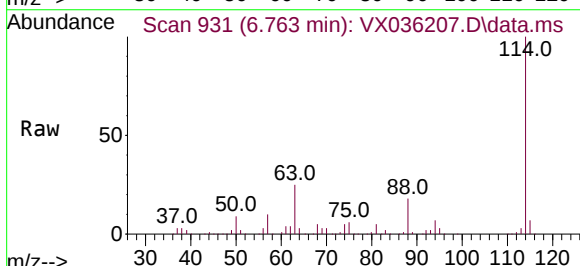
Tgt Ion: 114 Resp: 324534

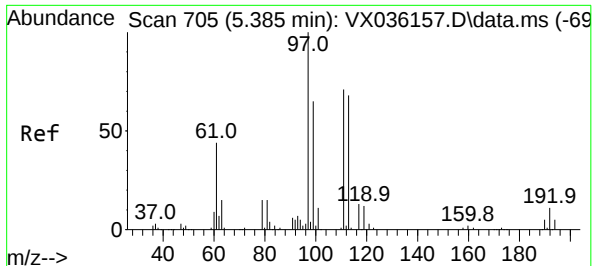
Ion Ratio Lower Upper

114 100

63 24.6 0.0 45.0

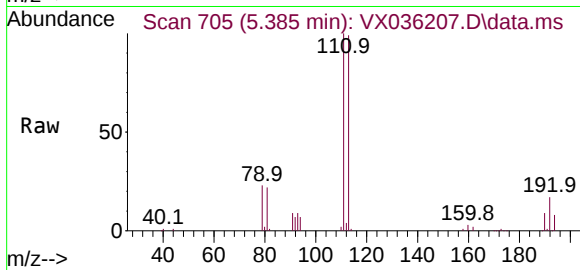
88 17.7 0.0 36.6



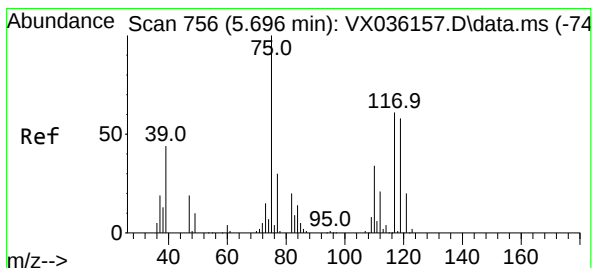
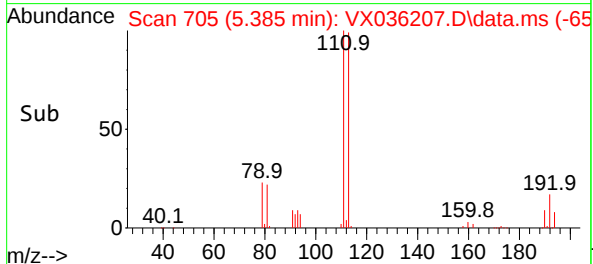
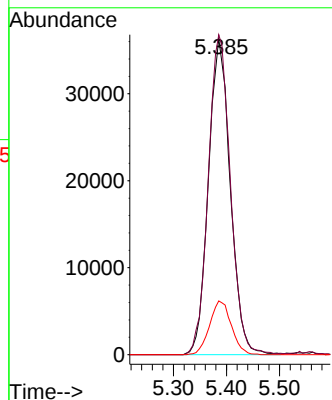


#35
Dibromofluoromethane
Concen: 47.320 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036207.D
Acq: 19 Jun 2023 15:40

Instrument :
MSVOA_X
ClientSampleId :

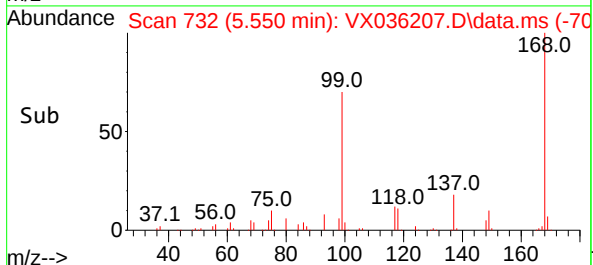
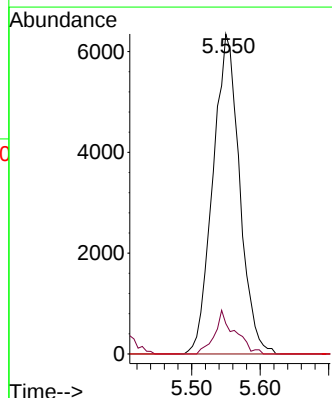
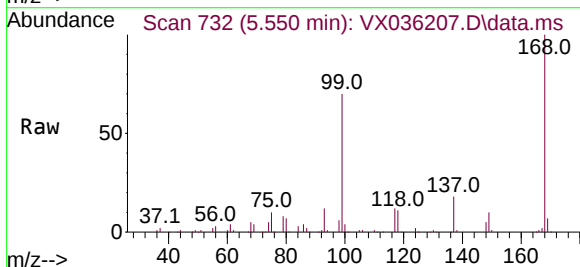


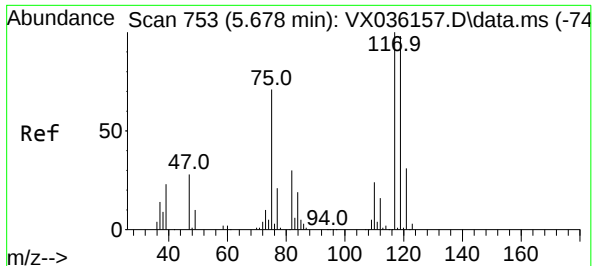
Tgt Ion:113 Resp: 104138
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 16.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.288 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036207.D
Acq: 19 Jun 2023 15:40

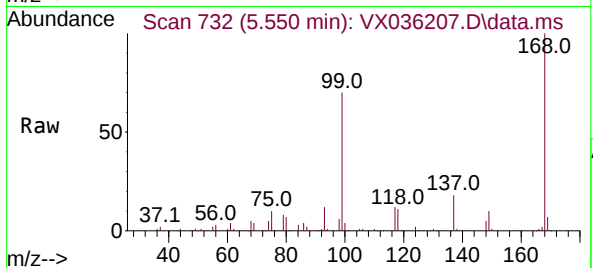
Tgt Ion: 75 Resp: 17141
Ion Ratio Lower Upper
75 100
110 10.4 17.0 50.9#
77 0.0 24.7 37.1#



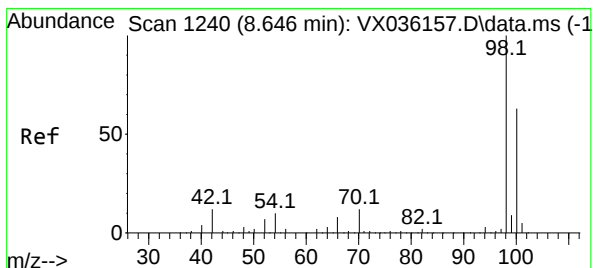
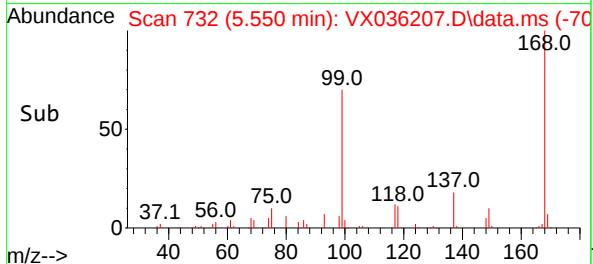
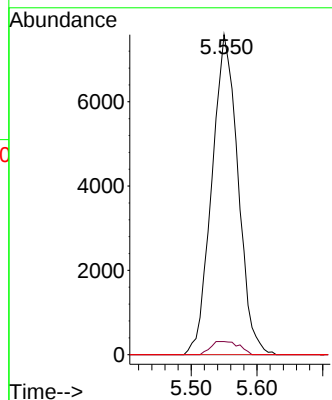


#38
Carbon Tetrachloride
Concen: 6.674 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036207.D
Acq: 19 Jun 2023 15:40

Instrument :
MSVOA_X
ClientSampleId :

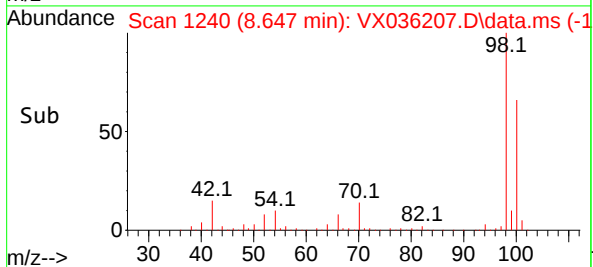
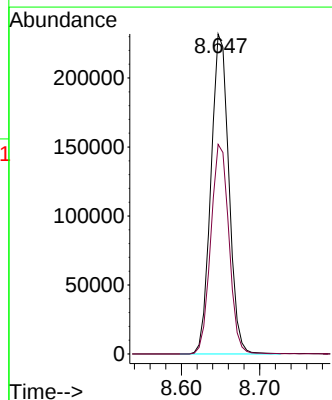
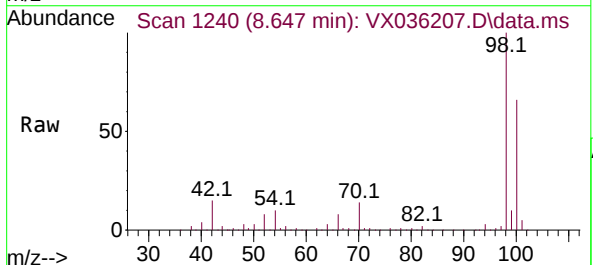


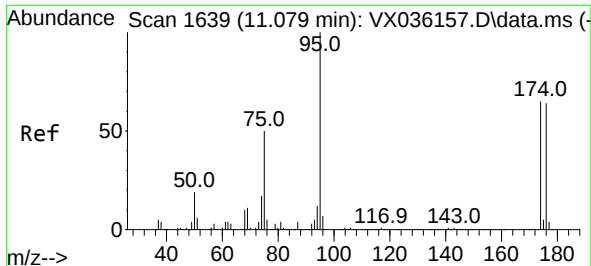
Tgt Ion:117 Resp: 21033
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.698 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036207.D
Acq: 19 Jun 2023 15:40

Tgt Ion: 98 Resp: 367871
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 44.140 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036207.D

Acq: 19 Jun 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

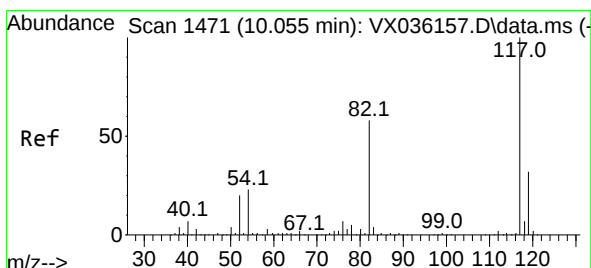
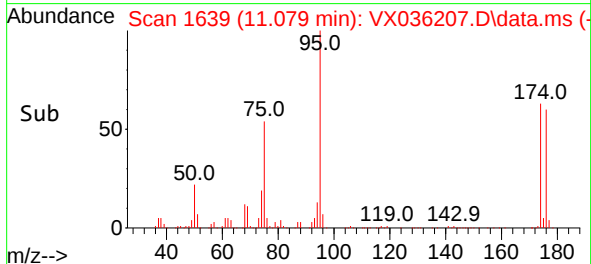
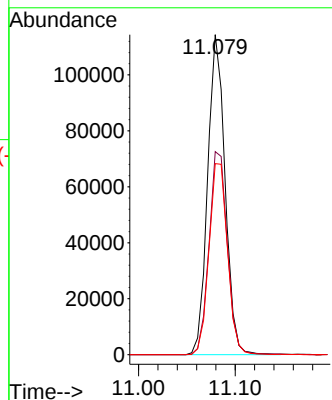
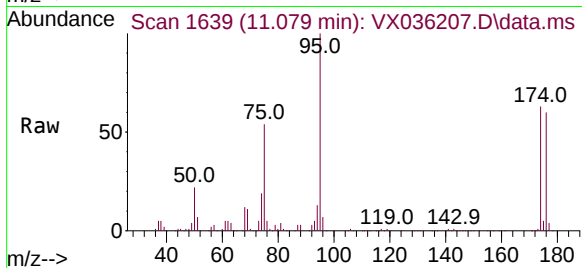
Tgt Ion: 95 Resp: 143431

Ion Ratio Lower Upper

95 100

174 66.8 0.0 135.6

176 63.6 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: VX036207.D

Acq: 19 Jun 2023 15:40

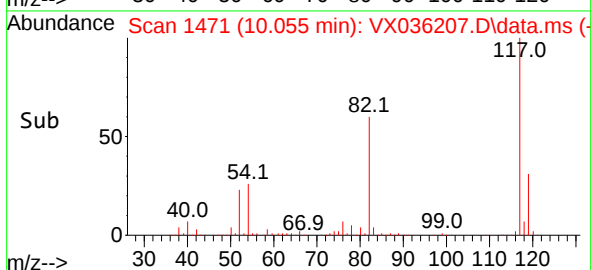
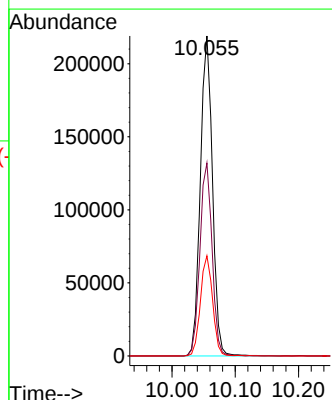
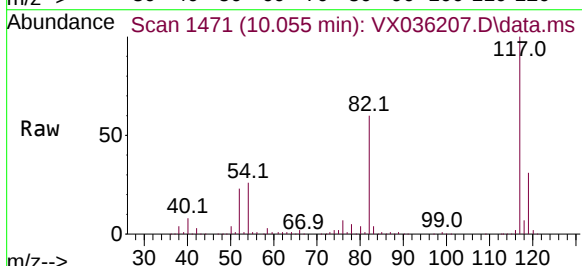
Tgt Ion: 117 Resp: 292162

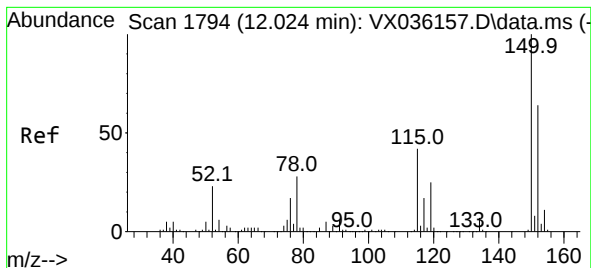
Ion Ratio Lower Upper

117 100

82 60.3 46.2 69.4

119 31.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036207.D

Acq: 19 Jun 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

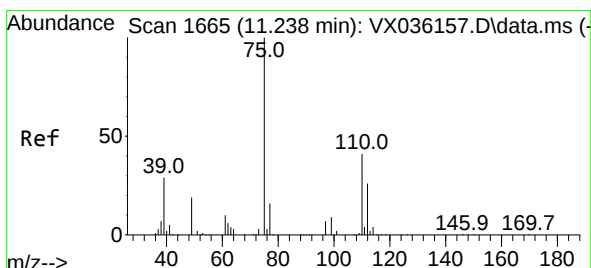
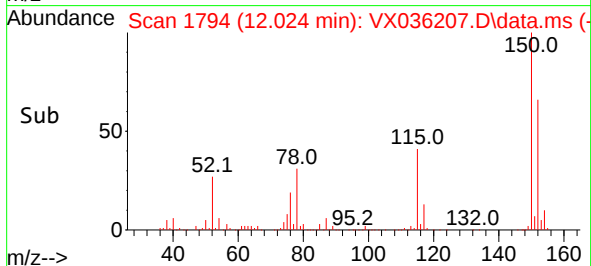
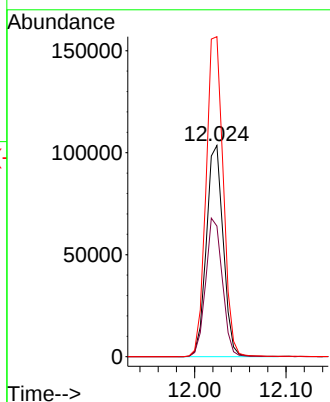
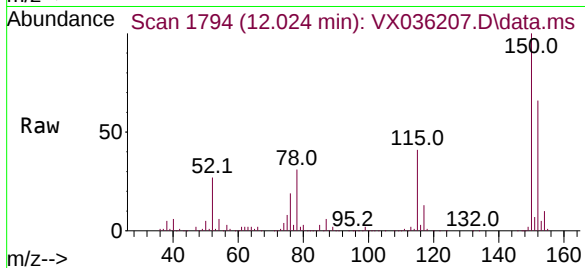
Tgt Ion:152 Resp: 132521

Ion Ratio Lower Upper

152 100

115 65.0 43.3 129.9

150 154.9 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.844 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036207.D

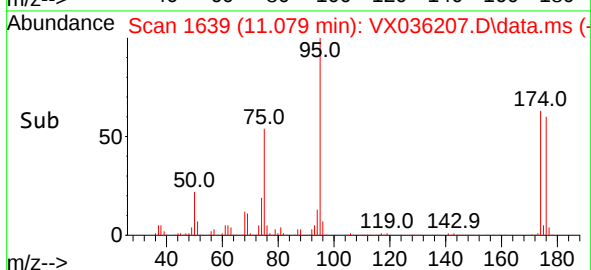
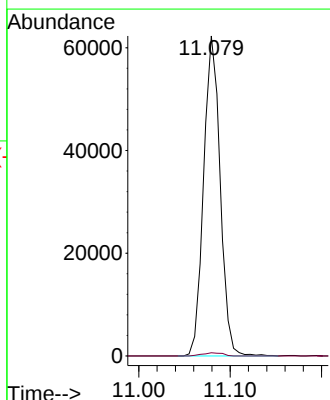
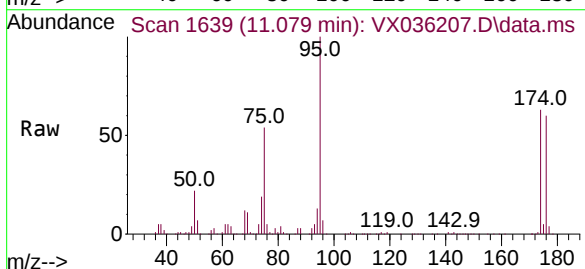
Acq: 19 Jun 2023 15:40

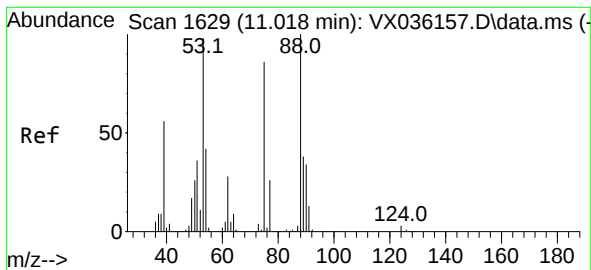
Tgt Ion: 75 Resp: 78137

Ion Ratio Lower Upper

75 100

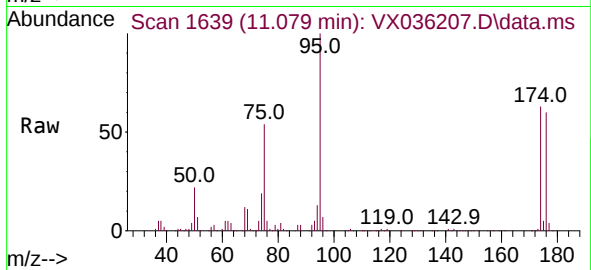
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.960 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036207.D
 Acq: 19 Jun 2023 15:40

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 78137
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

