

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080223\
 Data File : VX036769.D
 Acq On : 02 Aug 2023 14:41
 Operator : JC/MD
 Sample : 03862-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 03 07:28:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

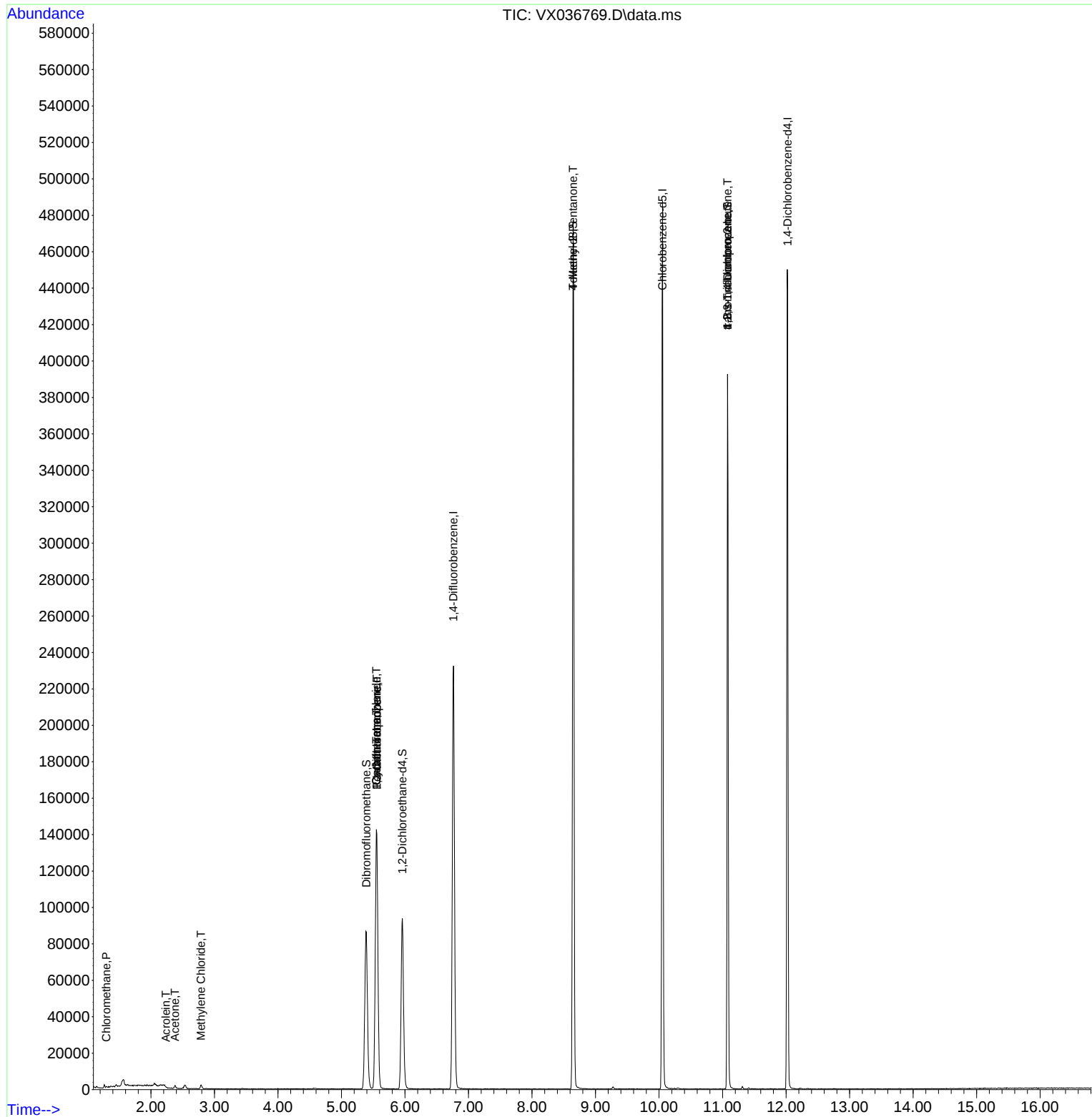
Internal Standards						
1) Pentafluorobenzene	5.556	168	132842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	240294	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90232	45.906	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.820%
35) Dibromofluoromethane	5.391	113	75427	45.668	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.340%
50) Toluene-d8	8.647	98	283412	48.388	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.780%
62) 4-Bromofluorobenzene	11.079	95	103039	46.628	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.260%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	573	0.359	ug/l	94
13) Acrolein	2.233	56	62	0.233	ug/l #	14
16) Acetone	2.380	43	1794	2.199	ug/l	100
20) Methylene Chloride	2.788	84	1076	0.593	ug/l #	90
31) Cyclohexane	5.550	56	2908	1.069	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11009	4.472	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13946	5.329	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1248	0.470	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	54200	24.675	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	54200	55.927	ug/l #	5

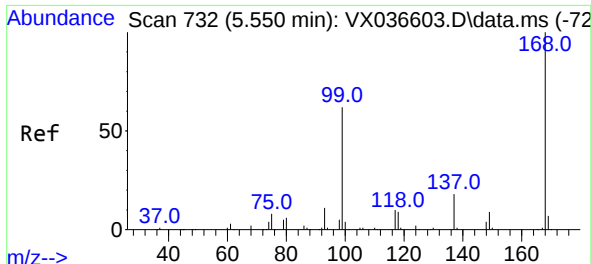
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080223\  
Data File : VX036769.D  
Acq On    : 02 Aug 2023   14:41  
Operator  : JC/MD  
Sample    : 03862-11  
Misc      : 5.0mL/MSVOA_X/WATER  
ALS Vial  : 10    Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :

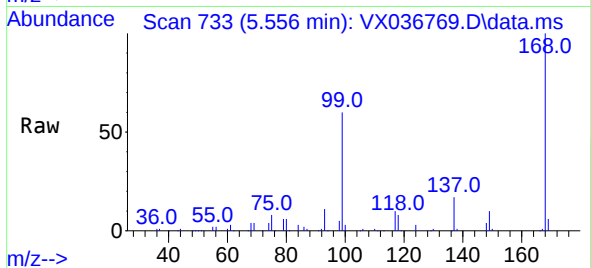
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
Qlast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



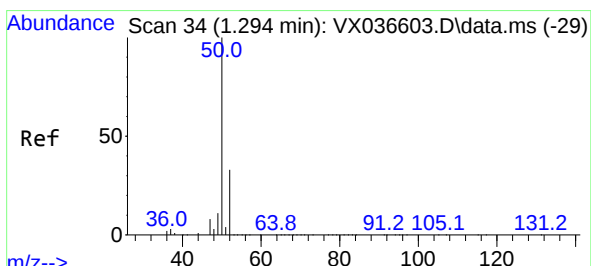
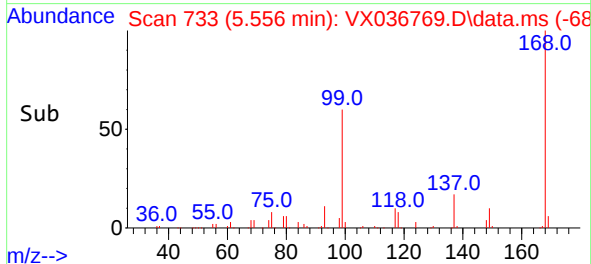
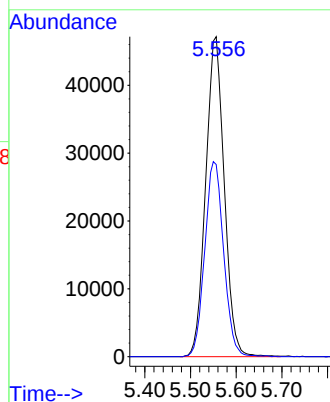


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036769.D
Acq: 02 Aug 2023 14:41

Instrument :
MSVOA_X
ClientSampleId :

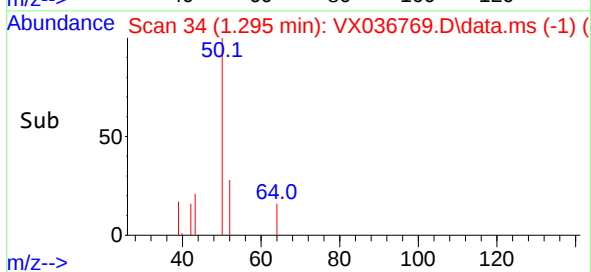
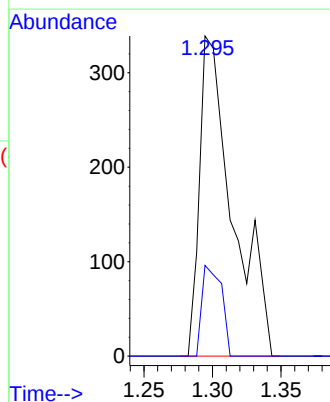
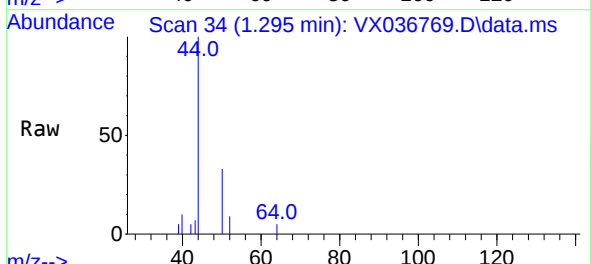


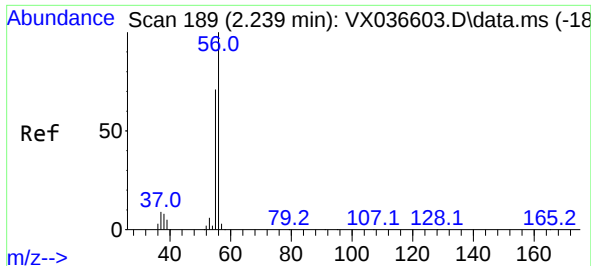
Tgt Ion:168 Resp: 132842
Ion Ratio Lower Upper
168 100
99 60.1 56.6 85.0



#3
Chloromethane
Concen: 0.359 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036769.D
Acq: 02 Aug 2023 14:41

Tgt Ion: 50 Resp: 573
Ion Ratio Lower Upper
50 100
52 28.3 25.5 38.3

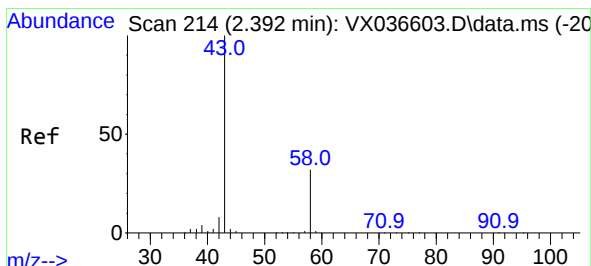
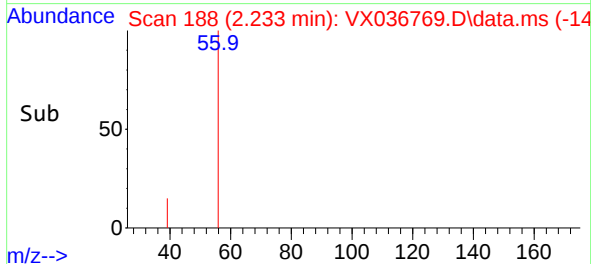
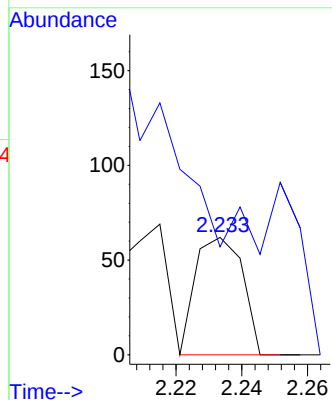
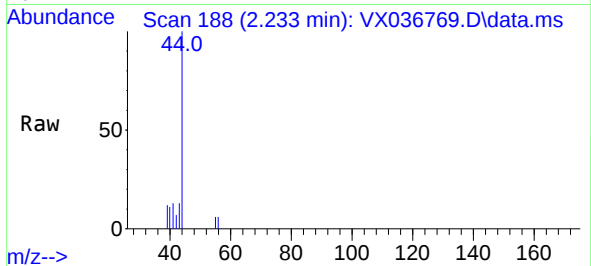




#13
Acrolein
Concen: 0.233 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036769.D
Acq: 02 Aug 2023 14:41

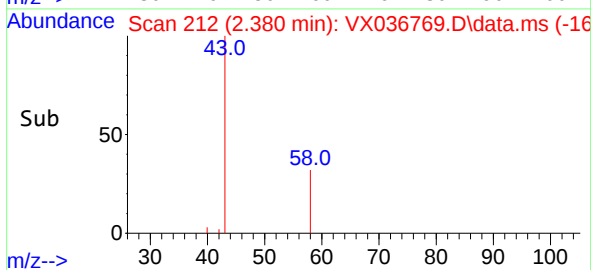
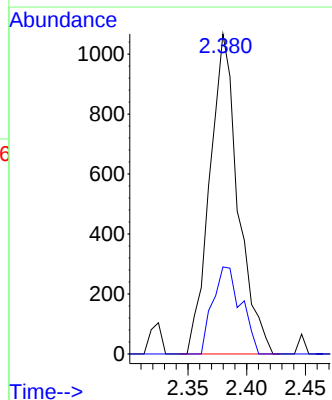
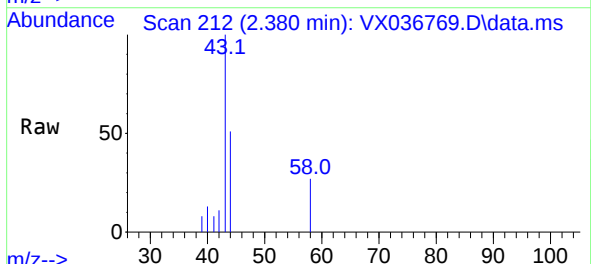
Instrument :
MSVOA_X
ClientSampleId :

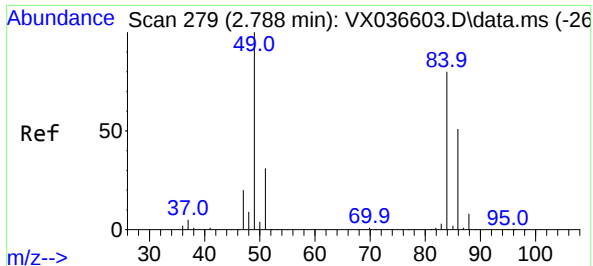
Tgt Ion: 56 Resp: 62
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 2.199 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036769.D
Acq: 02 Aug 2023 14:41

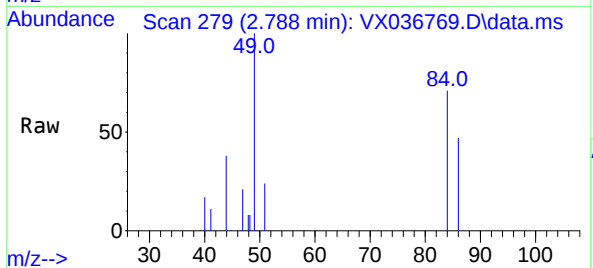
Tgt Ion: 43 Resp: 1794
Ion Ratio Lower Upper
43 100
58 27.2 21.9 32.9





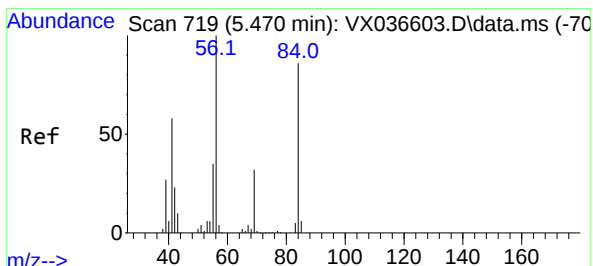
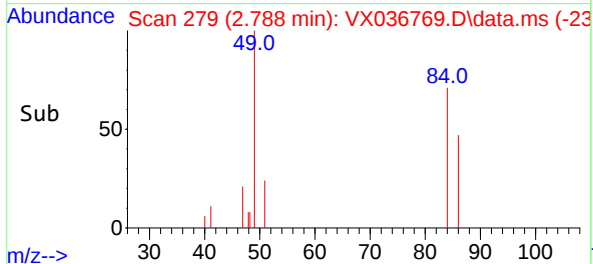
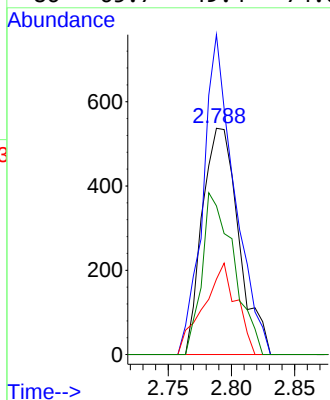
#20
Methylene Chloride
Concen: 0.593 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036769.D
Acq: 02 Aug 2023 14:41

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1076

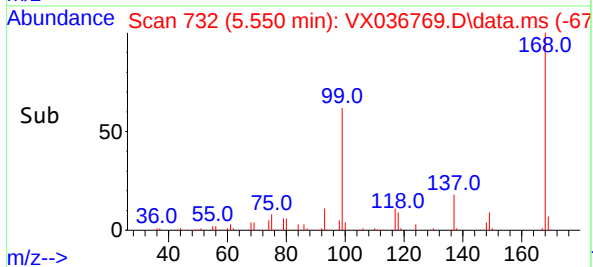
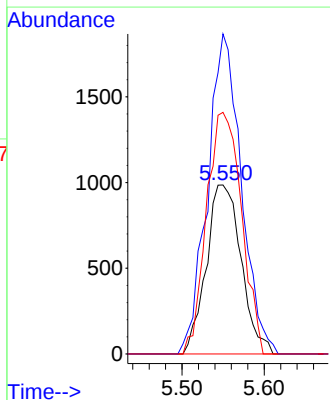
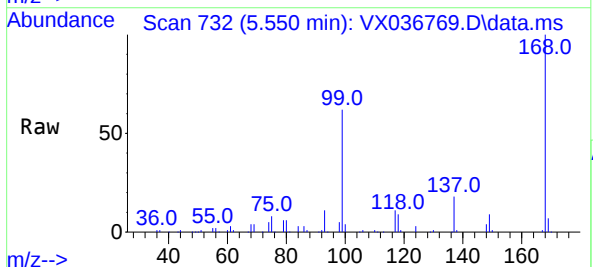
Ion	Ratio	Lower	Upper
84	100		
49	141.3	103.6	155.4
51	33.3	33.8	50.6#
86	65.7	49.4	74.0

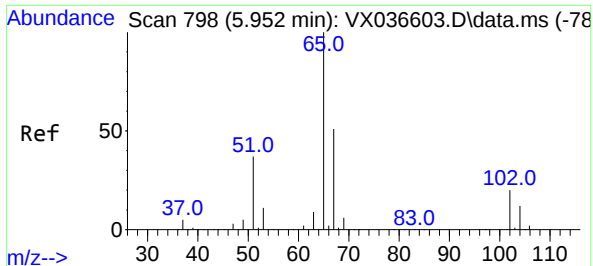


#31
Cyclohexane
Concen: 1.069 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX036769.D
Acq: 02 Aug 2023 14:41

Tgt Ion: 56 Resp: 2908

Ion	Ratio	Lower	Upper
56	100		
69	189.4	23.4	35.2#
84	143.0	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.906 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036769.D

Acq: 02 Aug 2023 14:41

Instrument :

MSVOA_X

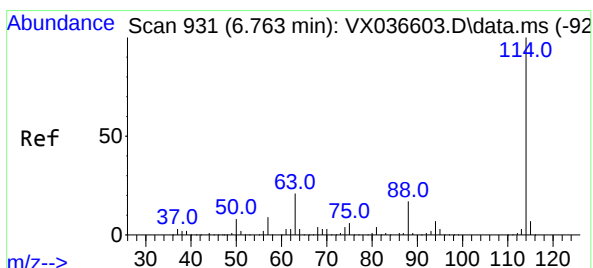
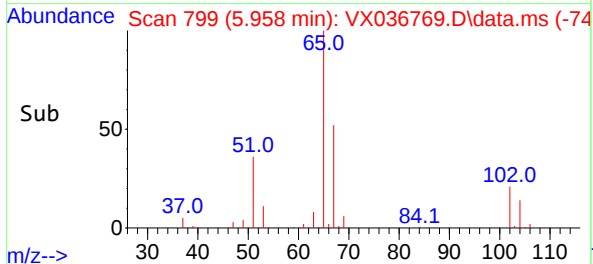
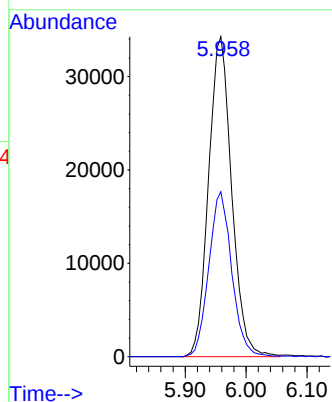
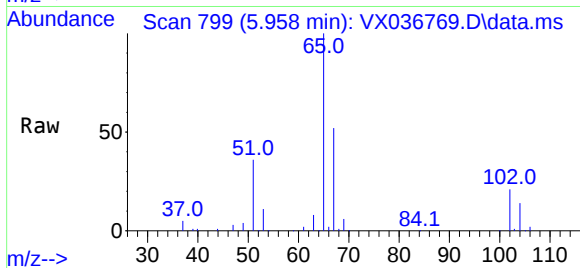
ClientSampleId :

Tgt Ion: 65 Resp: 90232

Ion Ratio Lower Upper

65 100

67 51.3 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: VX036769.D

Acq: 02 Aug 2023 14:41

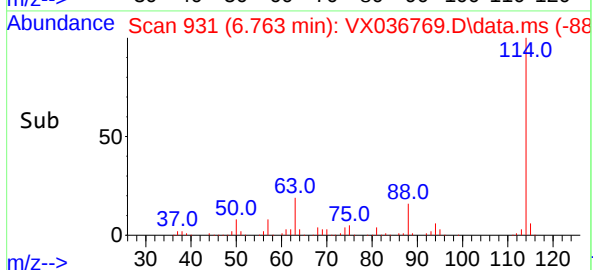
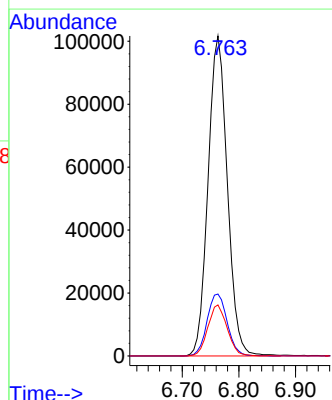
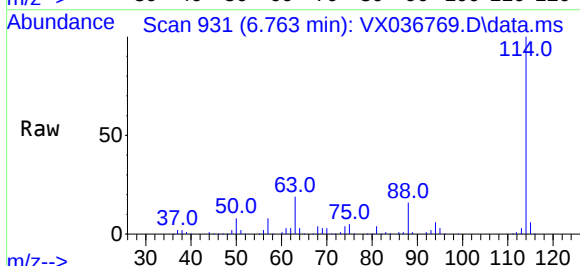
Tgt Ion: 114 Resp: 240294

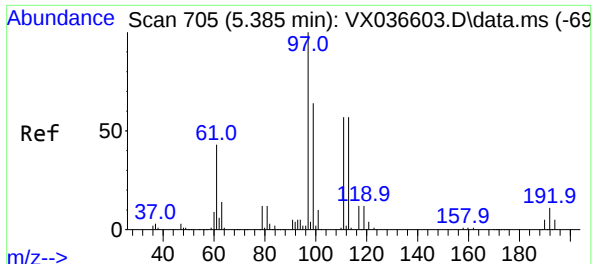
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

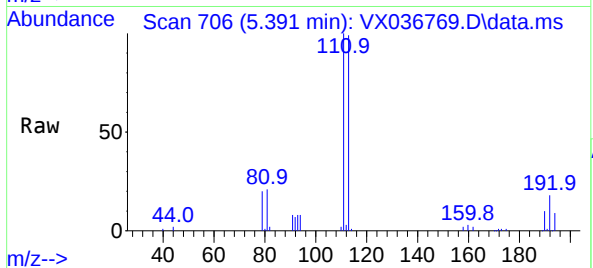
88 16.0 0.0 36.6



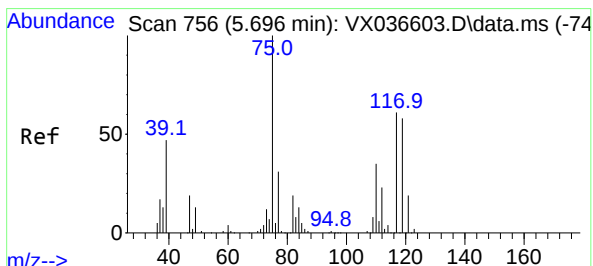
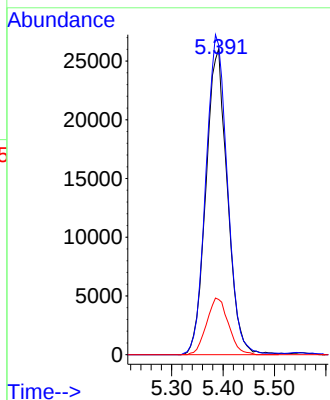
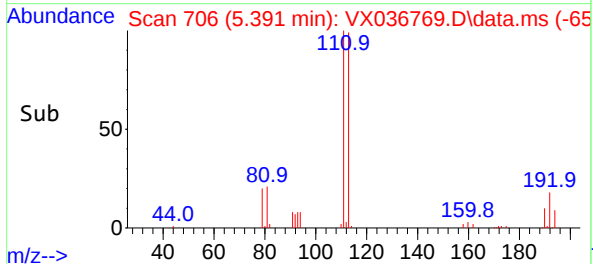


#35
Dibromofluoromethane
Concen: 45.668 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036769.D
Acq: 02 Aug 2023 14:41

Instrument :
MSVOA_X
ClientSampleId :

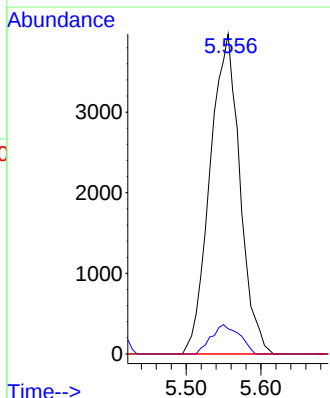
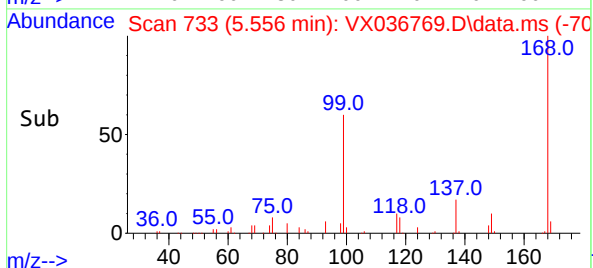
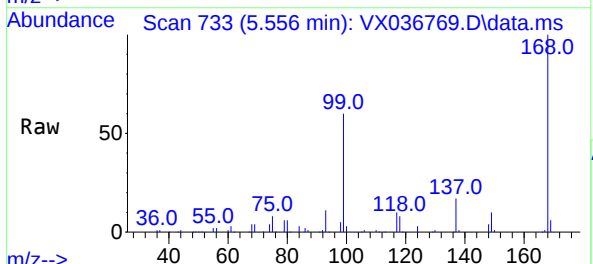


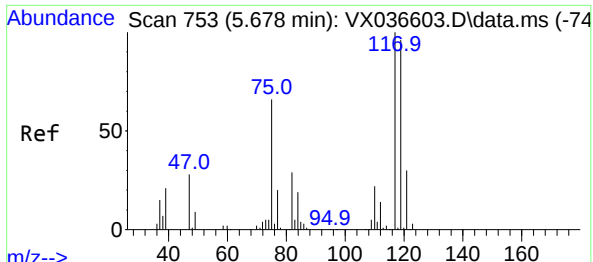
Tgt Ion:113 Resp: 75427
Ion Ratio Lower Upper
113 100
111 105.0 82.9 124.3
192 18.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.472 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX036769.D
Acq: 02 Aug 2023 14:41

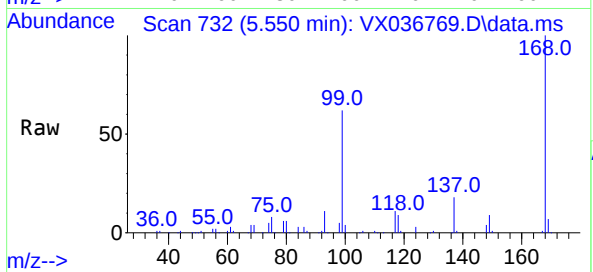
Tgt Ion: 75 Resp: 11009
Ion Ratio Lower Upper
75 100
110 8.6 17.0 50.9#
77 0.0 24.7 37.1#



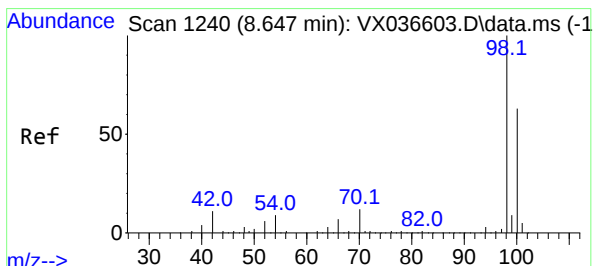
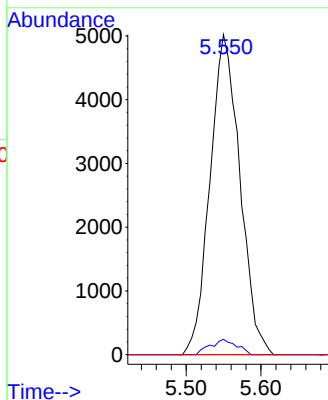
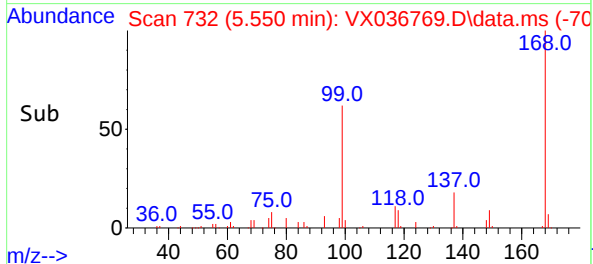


#38
Carbon Tetrachloride
Concen: 5.329 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036769.D
Acq: 02 Aug 2023 14:41

Instrument :
MSVOA_X
ClientSampleId :

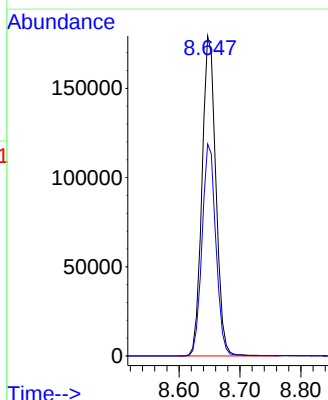
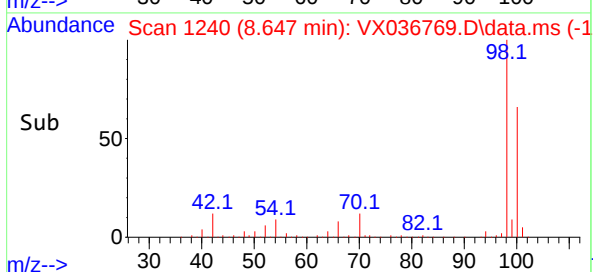
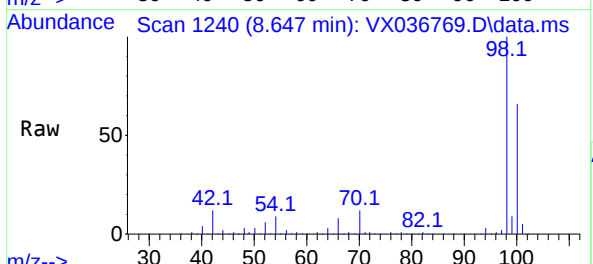


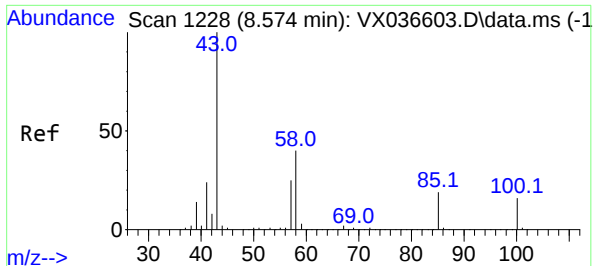
Tgt Ion:117 Resp: 13946
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.388 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036769.D
Acq: 02 Aug 2023 14:41

Tgt Ion: 98 Resp: 283412
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7

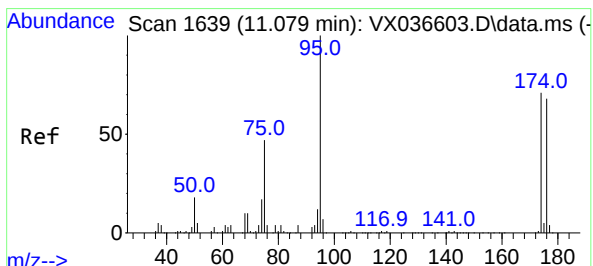
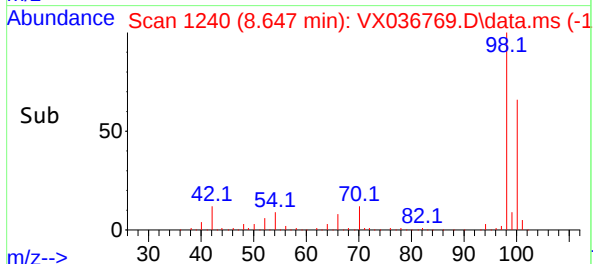
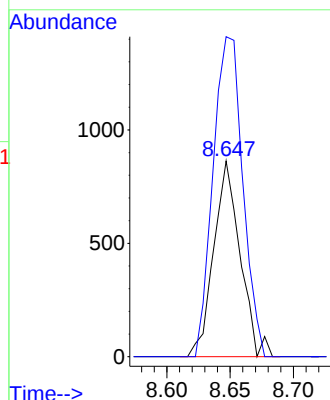
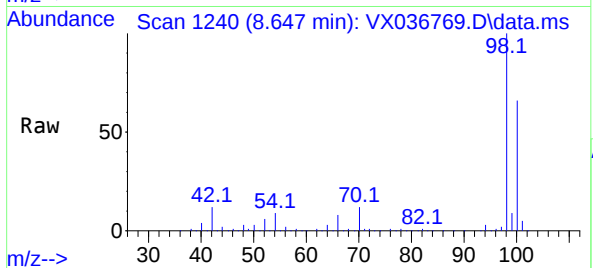




#51
4-Methyl-2-Pentanone
Concen: 0.470 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX036769.D
Acq: 02 Aug 2023 14:41

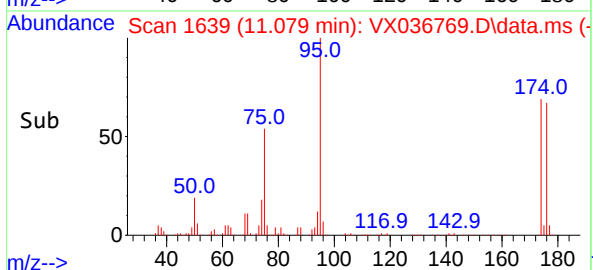
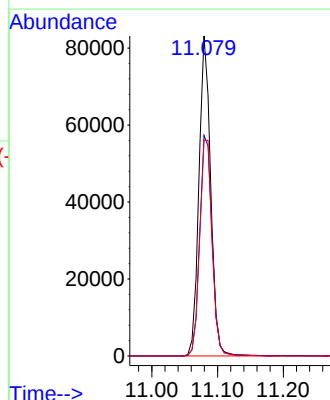
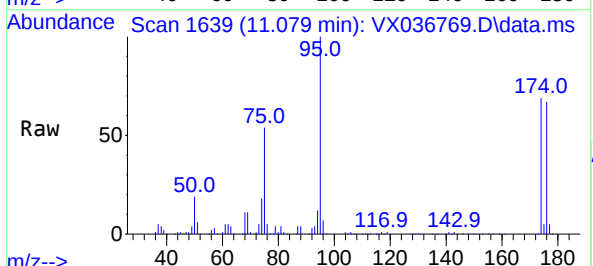
Instrument :
MSVOA_X
ClientSampleId :

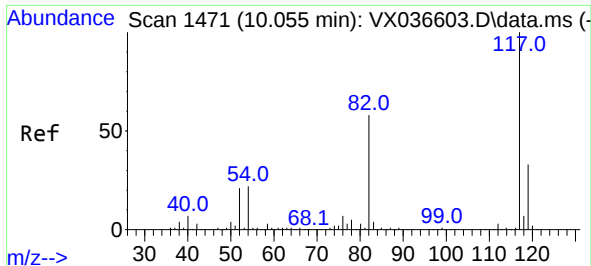
Tgt Ion: 43 Resp: 1248
Ion Ratio Lower Upper
43 100
58 184.7 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 46.628 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036769.D
Acq: 02 Aug 2023 14:41

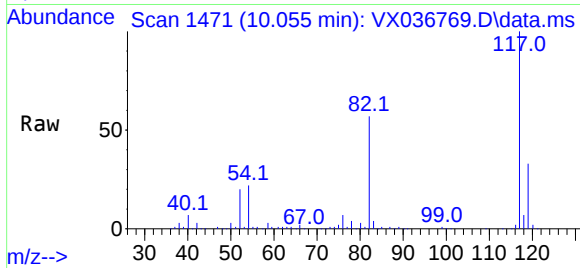
Tgt Ion: 95 Resp: 103039
Ion Ratio Lower Upper
95 100
174 72.9 0.0 135.6
176 71.5 0.0 131.0



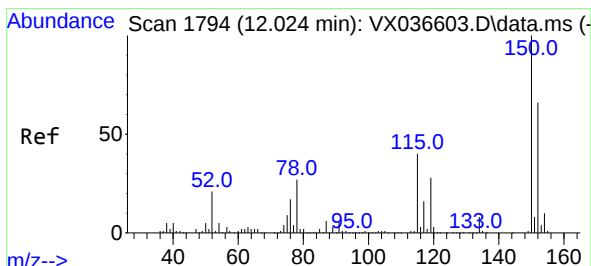
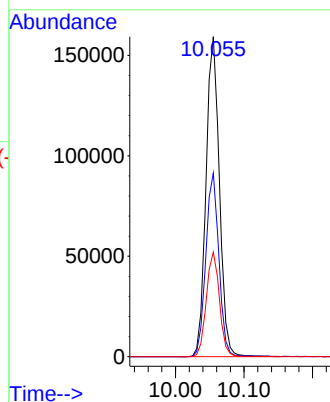
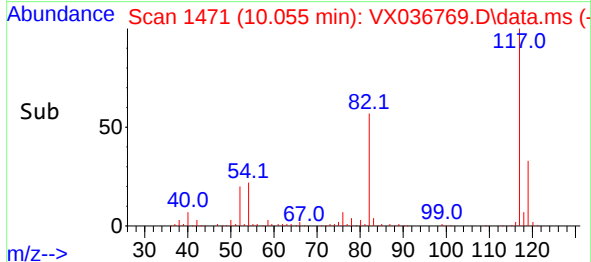


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036769.D
Acq: 02 Aug 2023 14:41

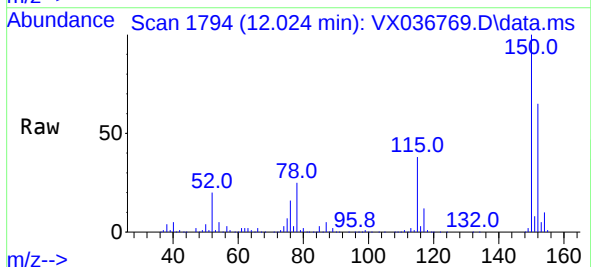
Instrument :
MSVOA_X
ClientSampleId :



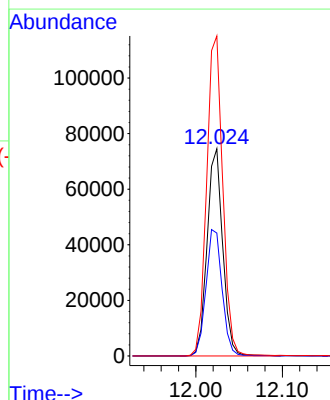
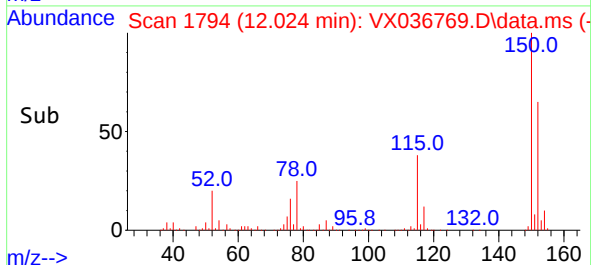
Tgt Ion:117 Resp: 216762
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 32.7 25.5 38.3

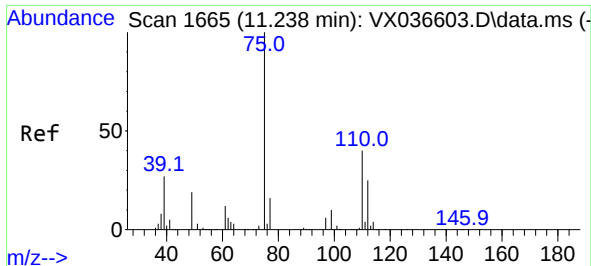


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036769.D
Acq: 02 Aug 2023 14:41



Tgt Ion:152 Resp: 93387
Ion Ratio Lower Upper
152 100
115 63.1 43.3 129.9
150 159.1 0.0 345.0

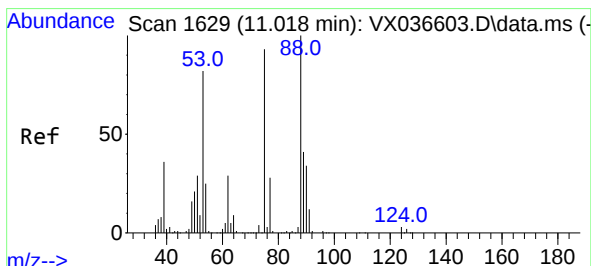
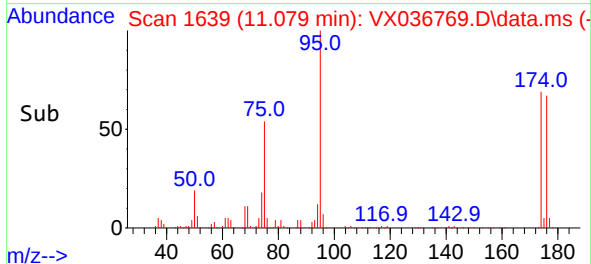
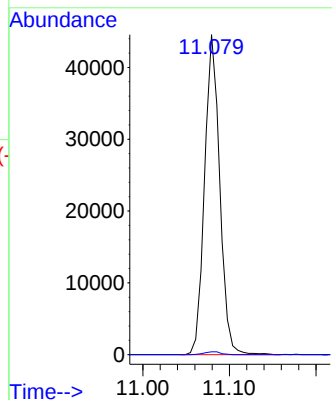
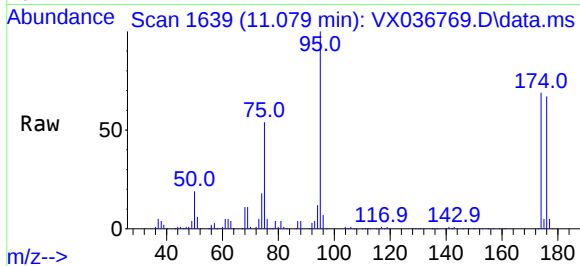




#76
1,2,3-Trichloropropane
Concen: 24.675 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036769.D
Acq: 02 Aug 2023 14:41

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 54200
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.927 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036769.D
Acq: 02 Aug 2023 14:41

Tgt Ion: 75 Resp: 54200
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

