

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092123\
 Data File : VX037843.D
 Acq On : 21 Sep 2023 10:32
 Operator : JC/MD
 Sample : VX0921WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 22 04:38:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

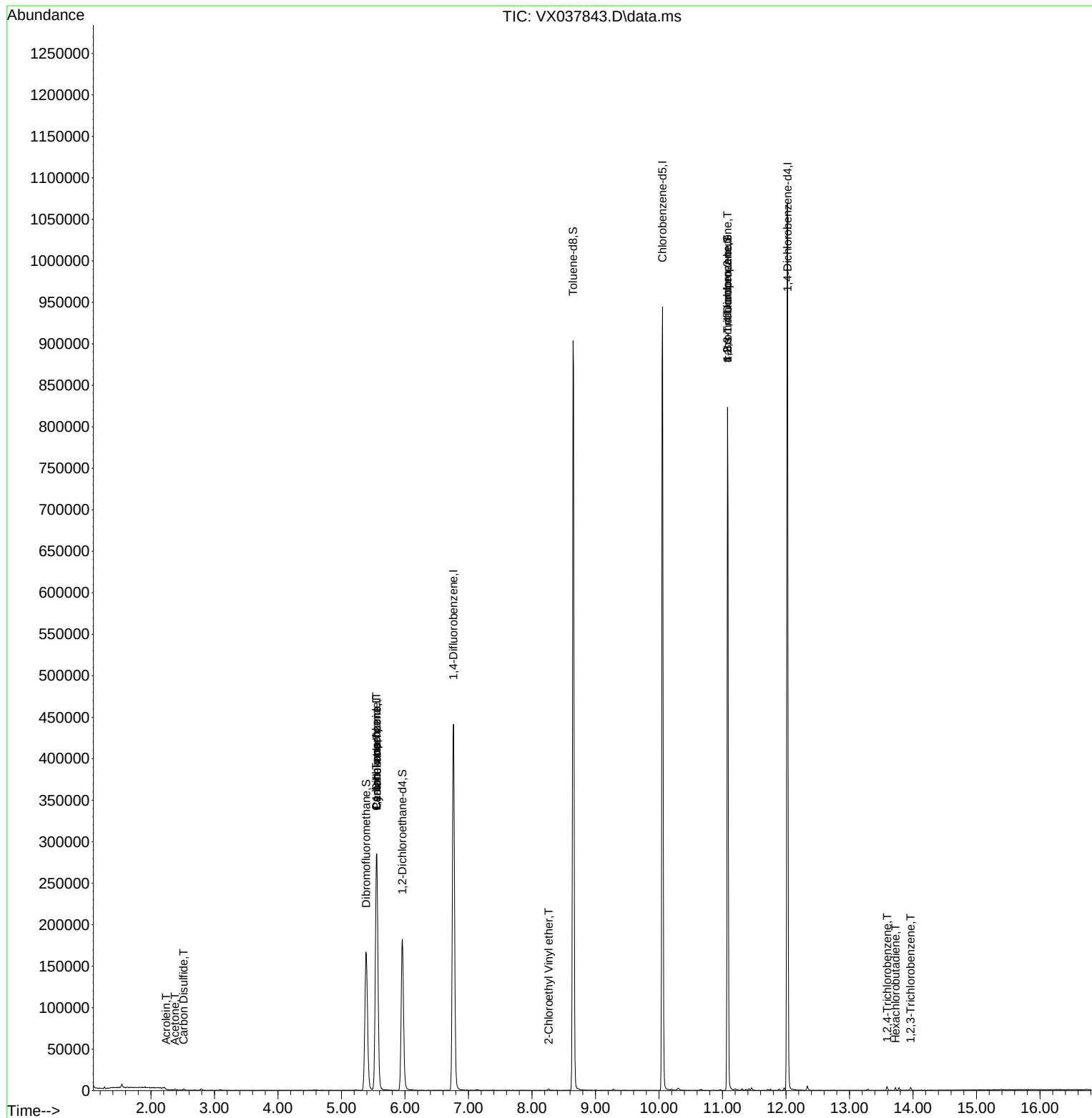
Internal Standards						
1) Pentafluorobenzene	5.556	168	281378	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	467795	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	442473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	229503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	170232	46.048	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.100%
35) Dibromofluoromethane	5.385	113	148414	47.416	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.840%
50) Toluene-d8	8.647	98	558933	48.059	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.120%
62) 4-Bromofluorobenzene	11.079	95	209752	49.632	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.260%
Target Compounds						
					Qvalue	
13) Acrolein	2.239	56	325	0.415	ug/l	# 71
16) Acetone	2.380	43	1390	0.782	ug/l	92
17) Carbon Disulfide	2.514	76	1914	0.278	ug/l	# 93
31) Cyclohexane	5.556	56	5889	1.241	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	21468	4.979	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	27821	6.167	ug/l	# 15
58) 2-Chloroethyl Vinyl ether	8.263	63	1022	0.407	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	105924	19.955	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	105924	63.923	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	1307	0.280	ug/l	96
94) Hexachlorobutadiene	13.725	225	459	0.210	ug/l	82
96) 1,2,3-Trichlorobenzene	13.963	180	1113	0.231	ug/l	99

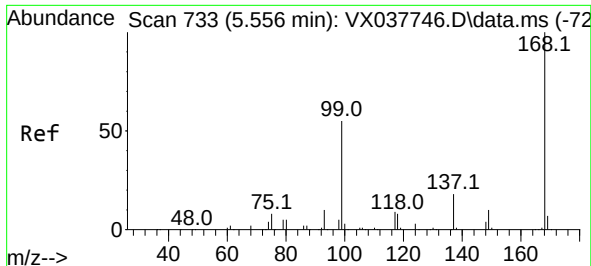
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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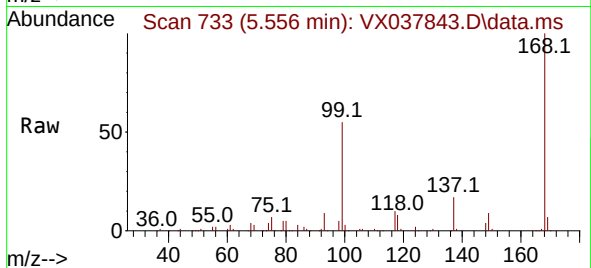
Quant Time: Sep 22 04:38:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
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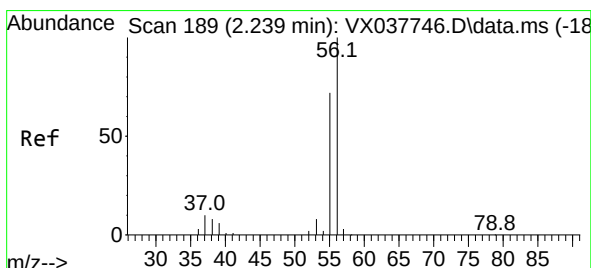
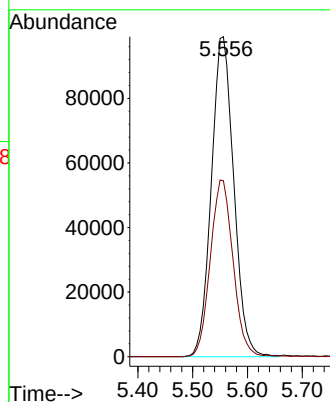
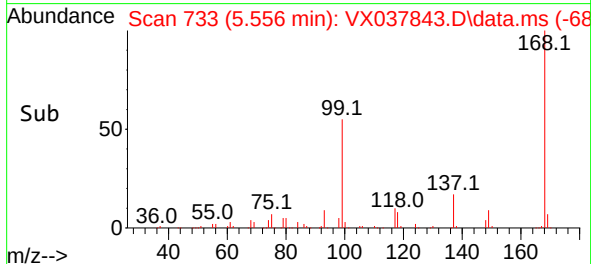


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037843.D
Acq: 21 Sep 2023 10:32

Instrument :
MSVOA_X
ClientSampleId :

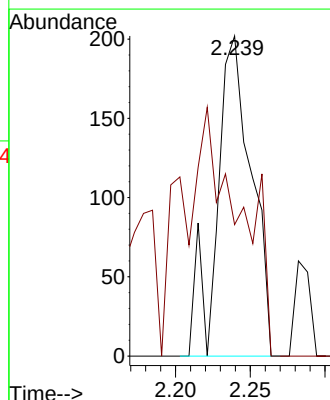
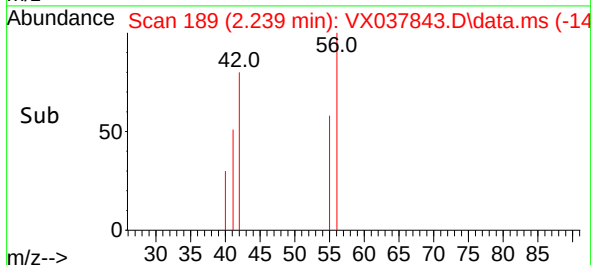
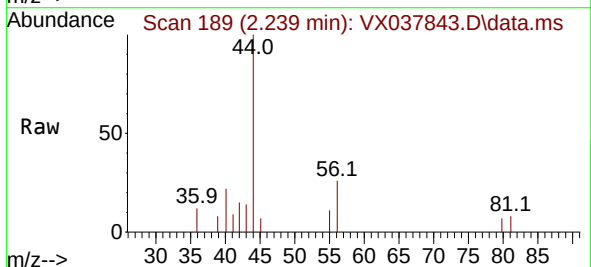


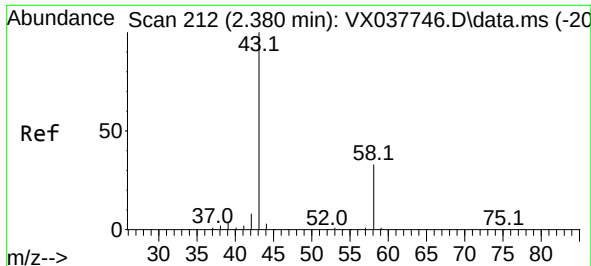
Tgt Ion:168 Resp: 281378
Ion Ratio Lower Upper
168 100
99 55.0 56.6 85.0#



#13
Acrolein
Concen: 0.415 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX037843.D
Acq: 21 Sep 2023 10:32

Tgt Ion: 56 Resp: 325
Ion Ratio Lower Upper
56 100
55 95.7 57.1 85.7#

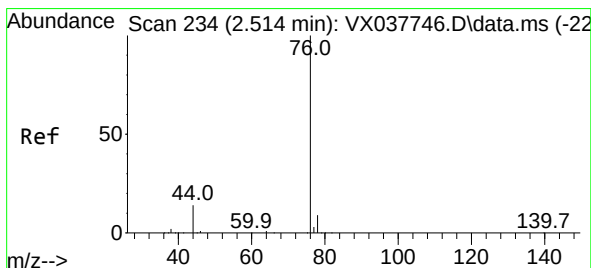
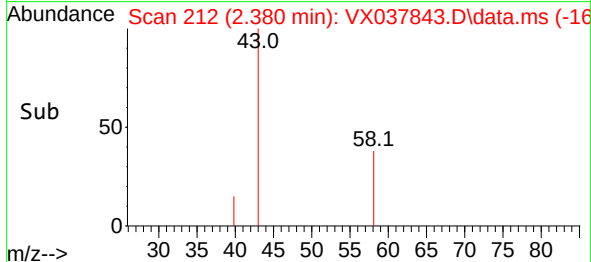
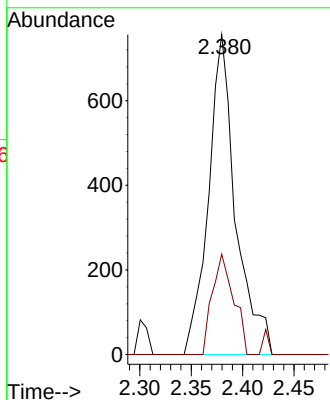
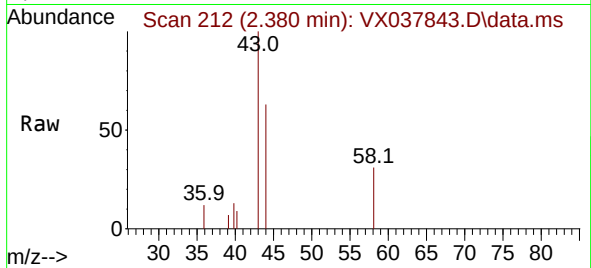




#16
Acetone
Concen: 0.782 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX037843.D
Acq: 21 Sep 2023 10:32

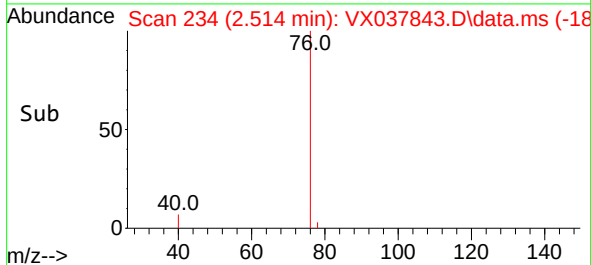
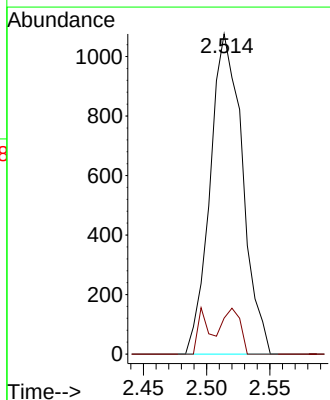
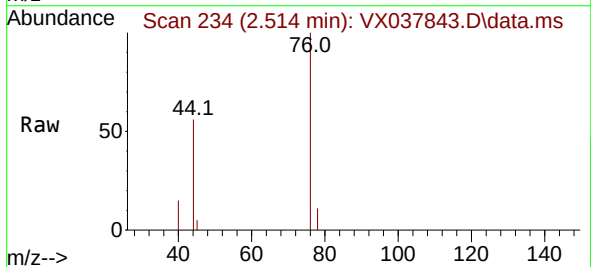
Instrument :
MSVOA_X
ClientSampleId :

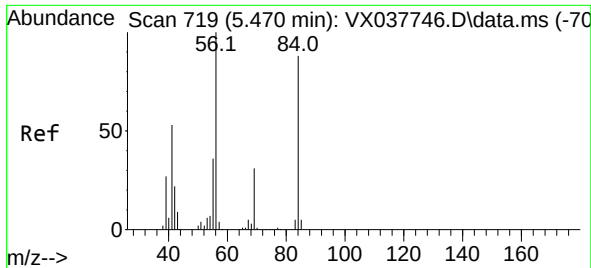
Tgt Ion: 43 Resp: 1390
Ion Ratio Lower Upper
43 100
58 31.3 21.9 32.9



#17
Carbon Disulfide
Concen: 0.278 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX037843.D
Acq: 21 Sep 2023 10:32

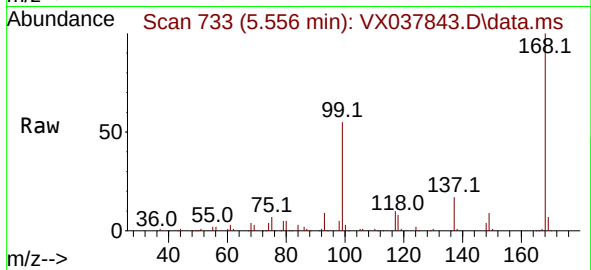
Tgt Ion: 76 Resp: 1914
Ion Ratio Lower Upper
76 100
78 11.2 7.0 10.6#



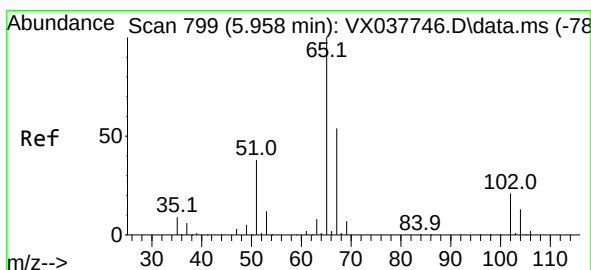
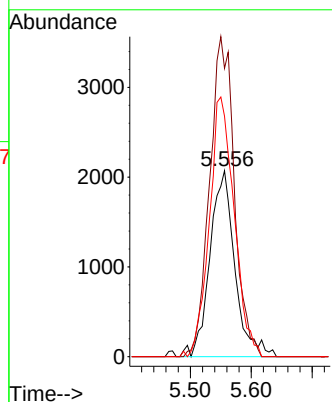
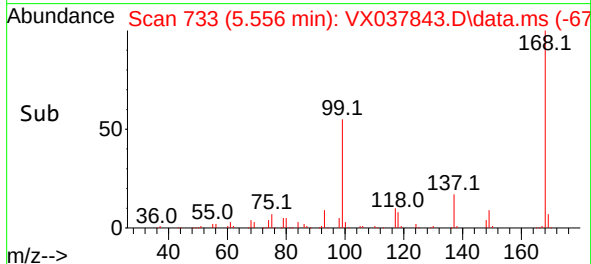


#31
Cyclohexane
Concen: 1.241 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX037843.D
Acq: 21 Sep 2023 10:32

Instrument :
MSVOA_X
ClientSampleId :

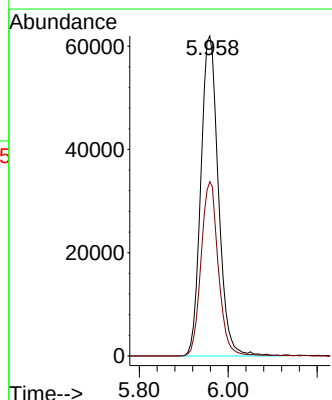
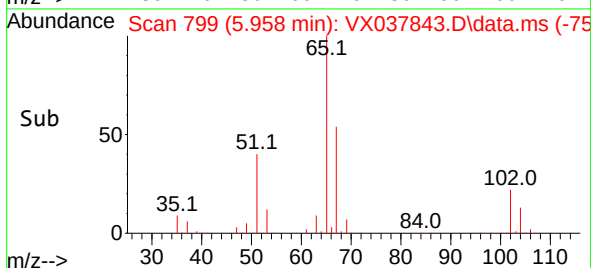
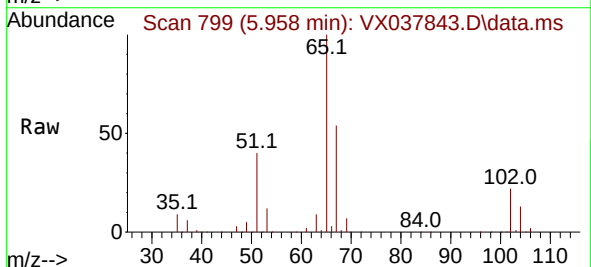


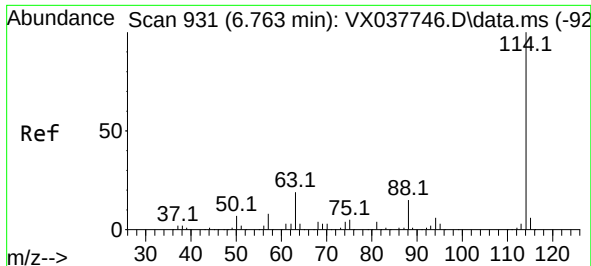
Tgt Ion: 56 Resp: 5889
Ion Ratio Lower Upper
56 100
69 155.0 23.4 35.2#
84 129.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.048 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037843.D
Acq: 21 Sep 2023 10:32

Tgt Ion: 65 Resp: 170232
Ion Ratio Lower Upper
65 100
67 53.5 0.0 100.2

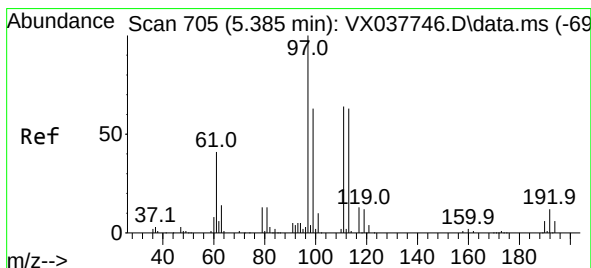
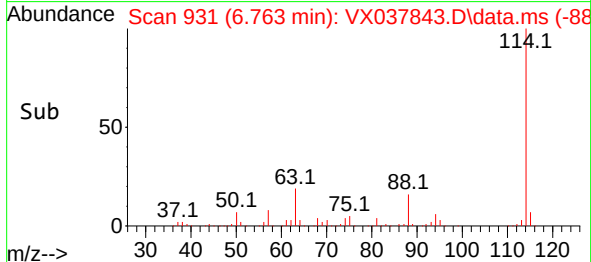
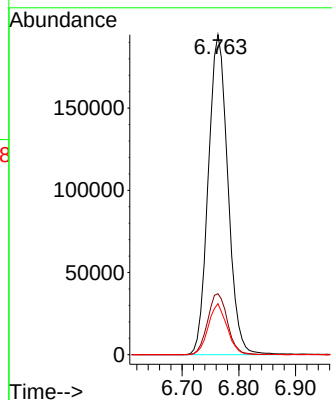
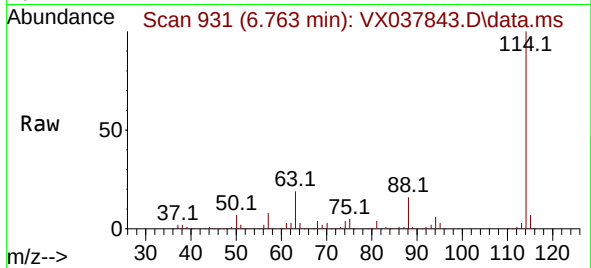




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037843.D
Acq: 21 Sep 2023 10:32

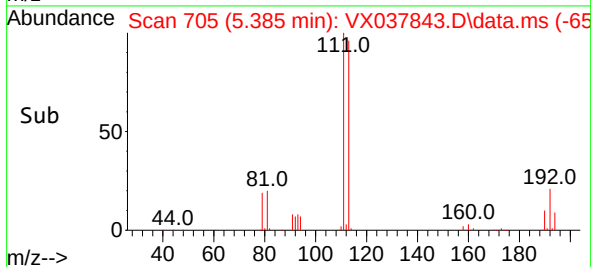
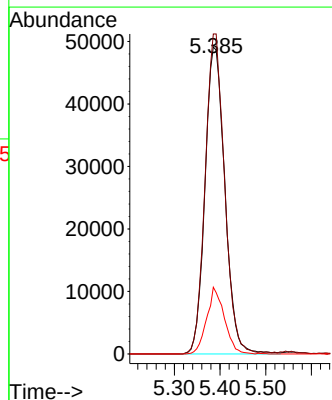
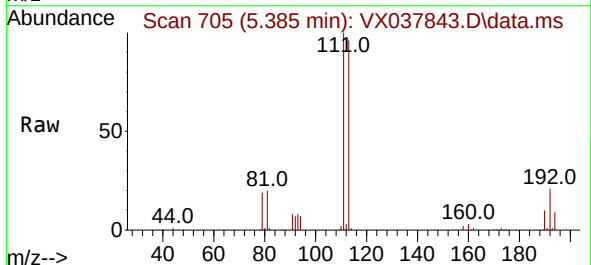
Instrument :
MSVOA_X
ClientSampleId :

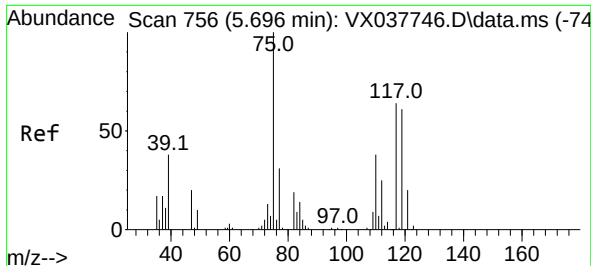
Tgt Ion:114 Resp: 467795
Ion Ratio Lower Upper
114 100
63 19.0 0.0 45.0
88 16.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.416 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037843.D
Acq: 21 Sep 2023 10:32

Tgt Ion:113 Resp: 148414
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 19.3 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.979 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

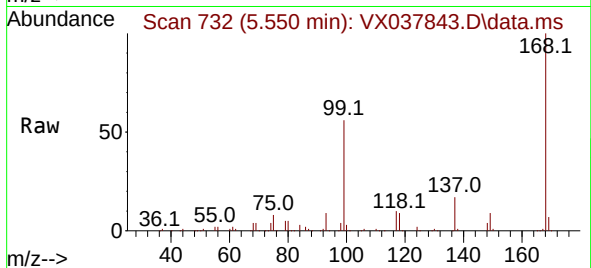
Lab File: VX037843.D

Acq: 21 Sep 2023 10:32

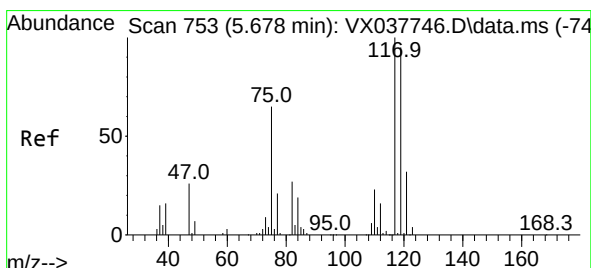
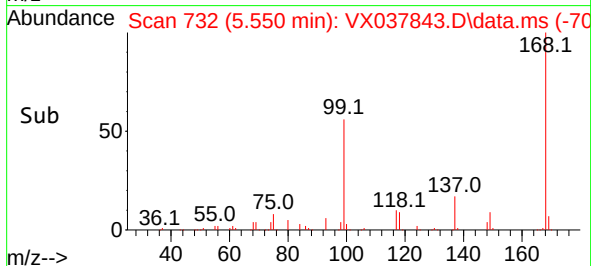
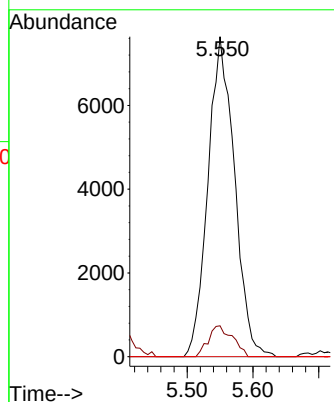
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 75	Resp: 21468
Ion Ratio	Lower Upper
75	100
110	8.8 17.0 50.9#
77	0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.167 ug/l

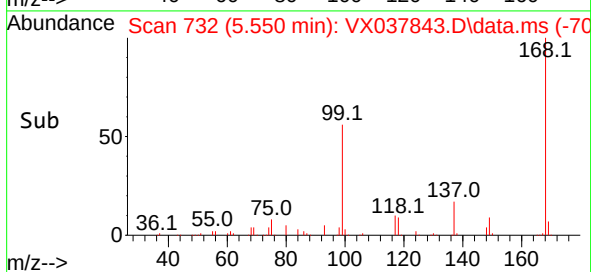
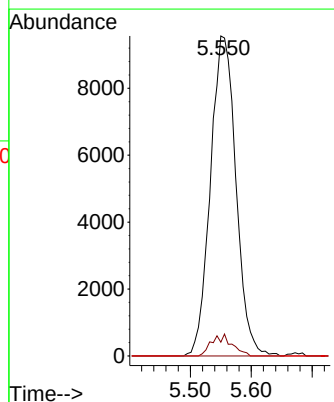
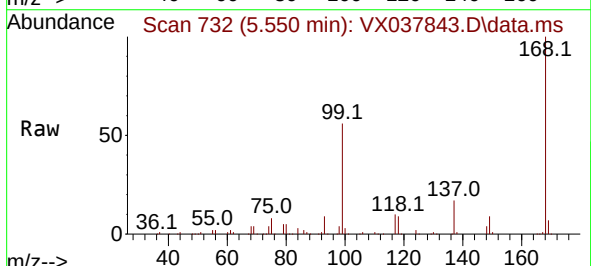
RT: 5.550 min Scan# 732

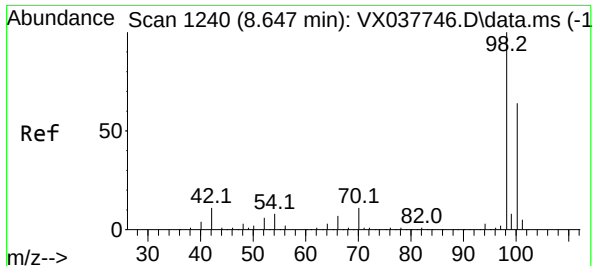
Delta R.T. -0.128 min

Lab File: VX037843.D

Acq: 21 Sep 2023 10:32

Tgt Ion: 117	Resp: 27821
Ion Ratio	Lower Upper
117	100
119	4.3 78.2 117.2#
121	0.0 24.4 36.6#





#50

Toluene-d8

Concen: 48.059 ug/l

RT: 8.647 min Scan# 1177

Delta R.T. 0.000 min

Lab File: VX037843.D

Acq: 21 Sep 2023 10:32

Instrument :

MSVOA_X

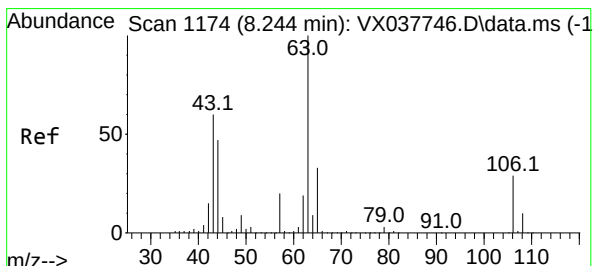
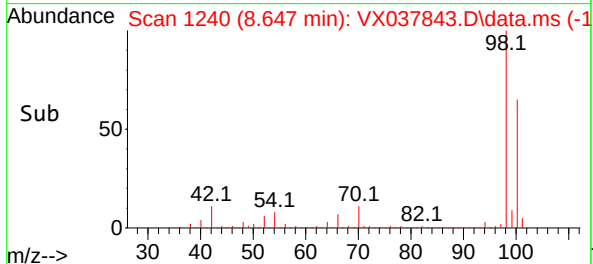
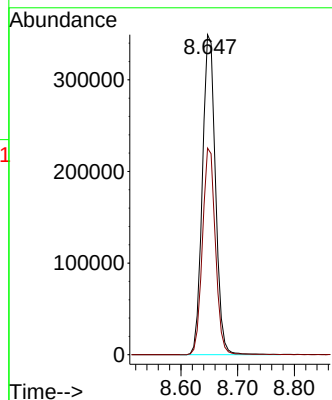
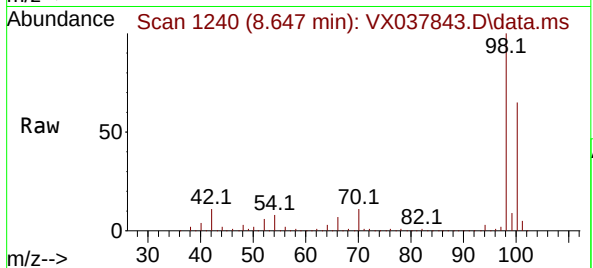
ClientSampleId :

Tgt Ion: 98 Resp: 558933

Ion Ratio Lower Upper

98 100

100 63.9 53.1 79.7



#58

2-Chloroethyl Vinyl ether

Concen: 0.407 ug/l

RT: 8.263 min Scan# 1177

Delta R.T. 0.018 min

Lab File: VX037843.D

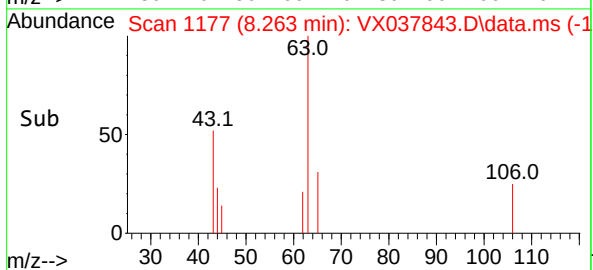
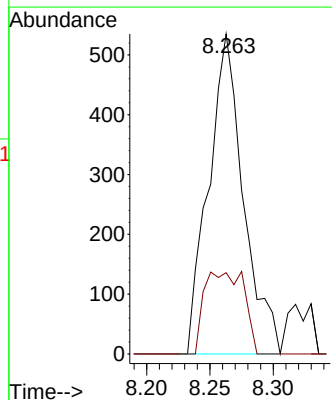
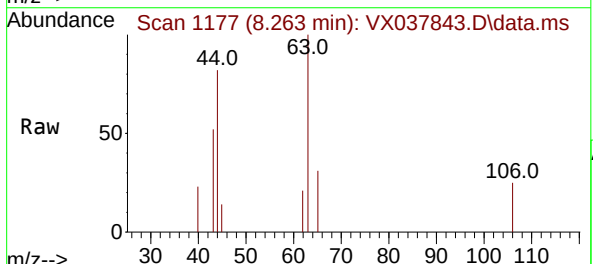
Acq: 21 Sep 2023 10:32

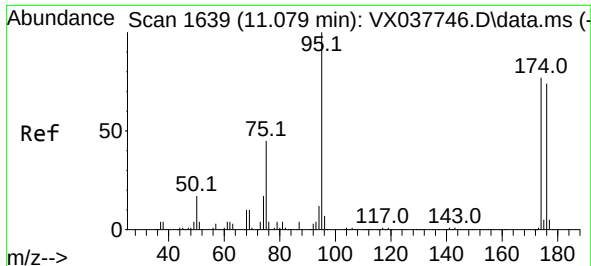
Tgt Ion: 63 Resp: 1022

Ion Ratio Lower Upper

63 100

106 29.5 22.5 33.7





#62

4-Bromofluorobenzene

Concen: 49.632 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037843.D

Acq: 21 Sep 2023 10:32

Instrument :

MSVOA_X

ClientSampleId :

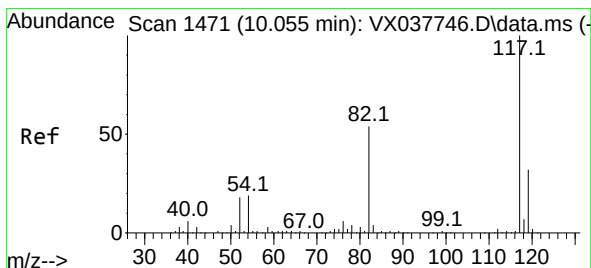
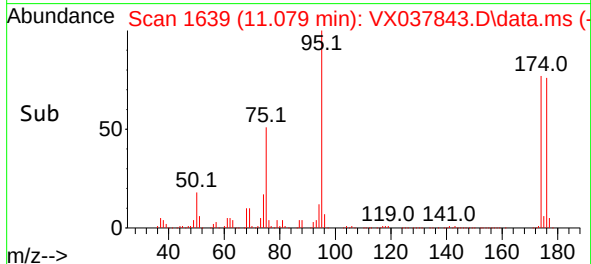
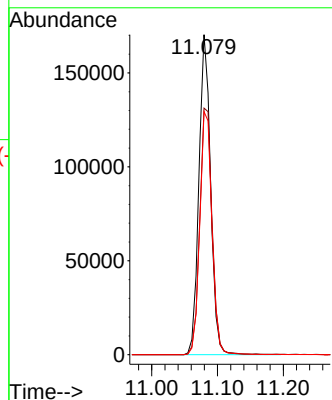
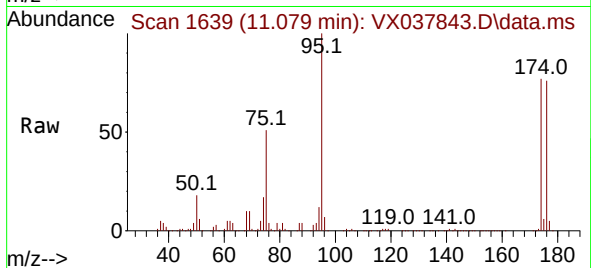
Tgt Ion: 95 Resp: 209752

Ion Ratio Lower Upper

95 100

174 82.1 0.0 135.6

176 79.5 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: VX037843.D

Acq: 21 Sep 2023 10:32

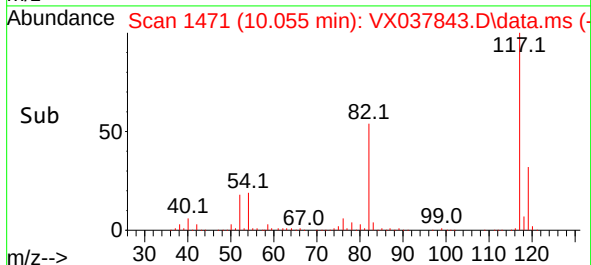
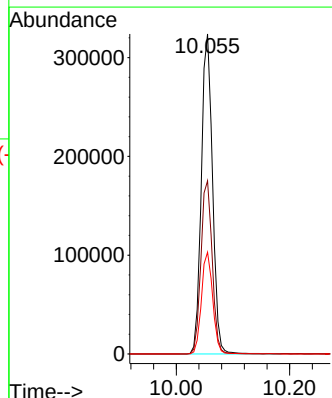
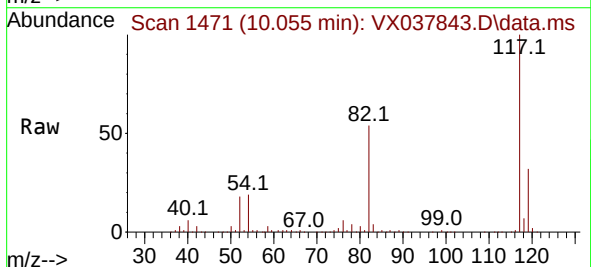
Tgt Ion: 117 Resp: 442473

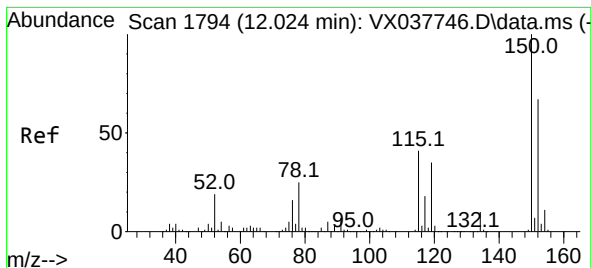
Ion Ratio Lower Upper

117 100

82 54.1 46.2 69.4

119 31.8 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: VX037843.D

Acq: 21 Sep 2023 10:32

Instrument :

MSVOA_X

ClientSampleId :

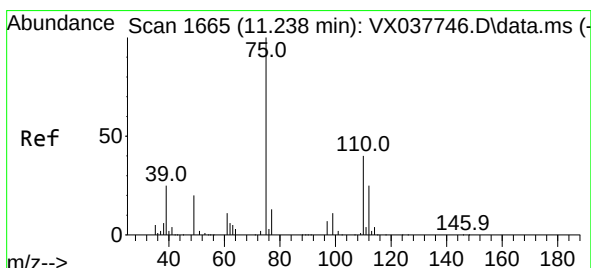
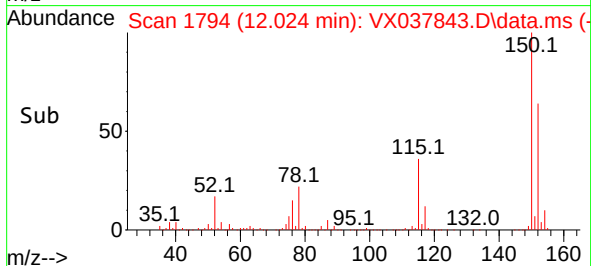
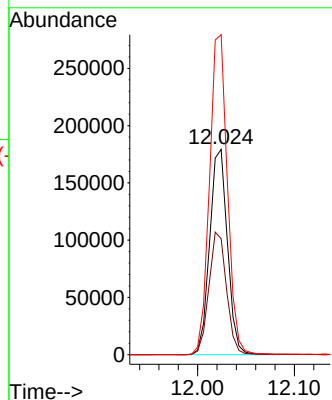
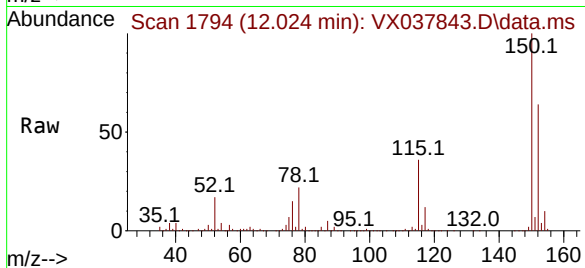
Tgt Ion:152 Resp: 229503

Ion Ratio Lower Upper

152 100

115 59.3 43.3 129.9

150 157.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 19.955 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037843.D

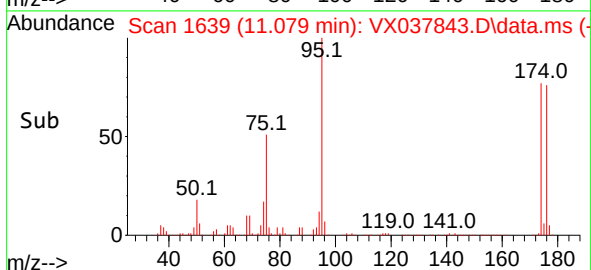
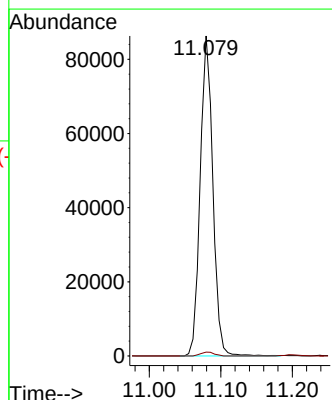
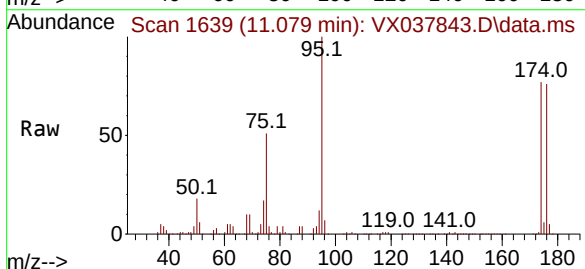
Acq: 21 Sep 2023 10:32

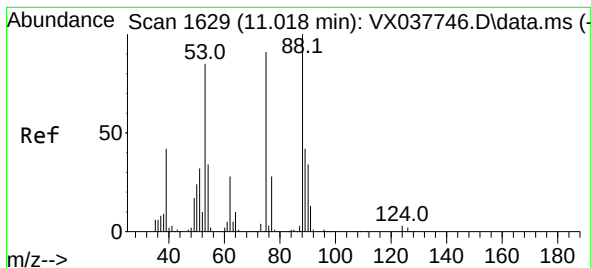
Tgt Ion: 75 Resp: 105924

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#

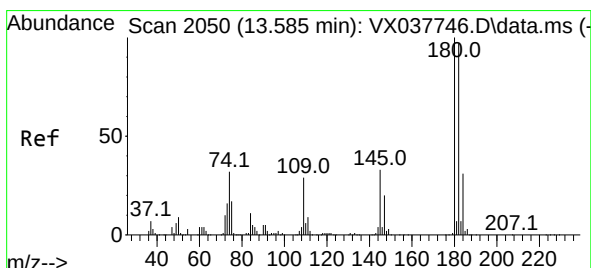
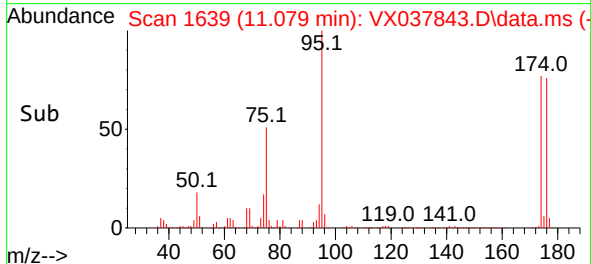
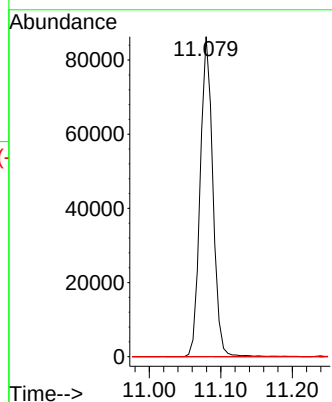
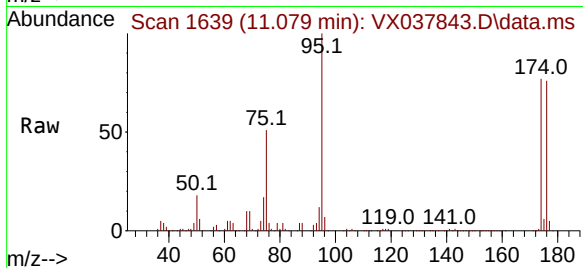




#81
trans-1,4-Dichloro-2-butene
Concen: 63.923 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037843.D
Acq: 21 Sep 2023 10:32

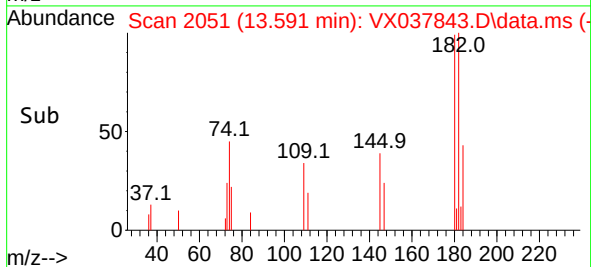
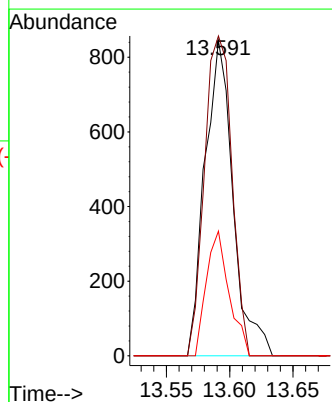
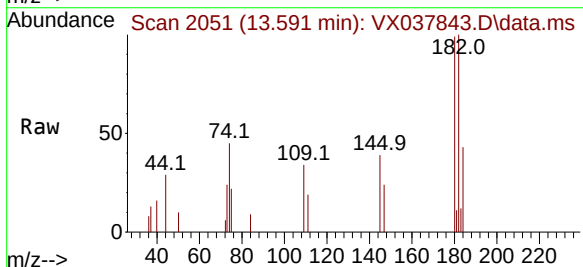
Instrument :
MSVOA_X
ClientSampleId :

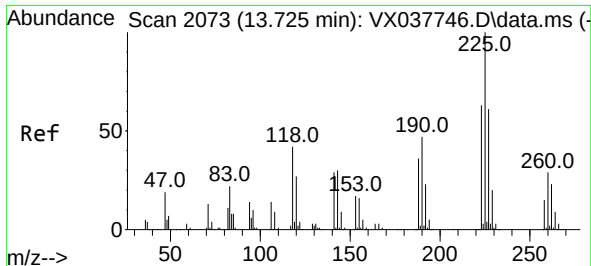
Tgt Ion: 75 Resp: 105924
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.280 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX037843.D
Acq: 21 Sep 2023 10:32

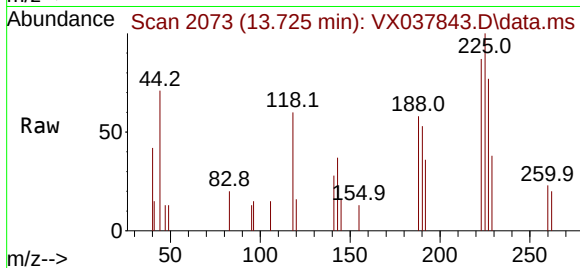
Tgt Ion:180 Resp: 1307
Ion Ratio Lower Upper
180 100
182 99.0 48.3 144.8
145 32.0 18.0 54.0



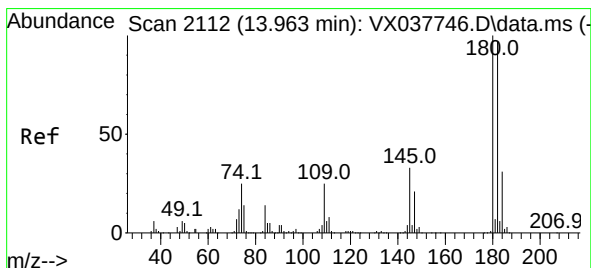
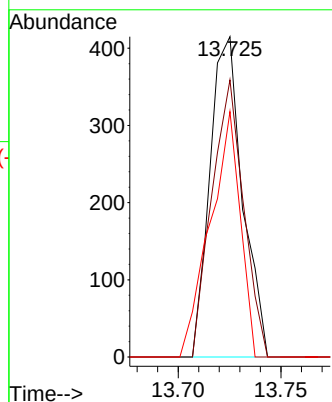
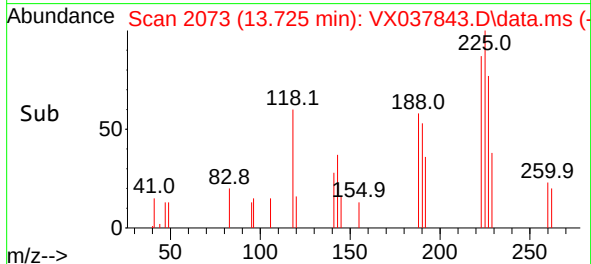


#94
Hexachlorobutadiene
Concen: 0.210 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX037843.D
Acq: 21 Sep 2023 10:32

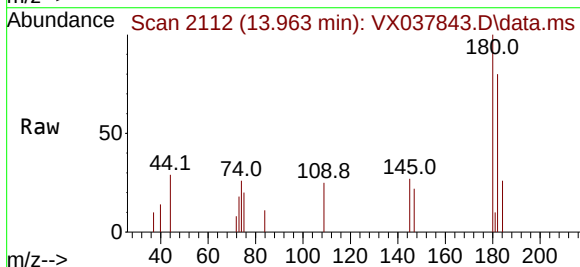
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:225 Resp: 459
Ion Ratio Lower Upper
225 100
223 84.1 31.1 93.2
227 70.8 32.5 97.5



#96
1,2,3-Trichlorobenzene
Concen: 0.231 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX037843.D
Acq: 21 Sep 2023 10:32



Tgt Ion:180 Resp: 1113
Ion Ratio Lower Upper
180 100
182 93.9 46.9 140.6
145 33.7 17.8 53.5

