

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037078.D
 Acq On : 18 Aug 2023 12:43
 Operator : JC/MD
 Sample : 03980-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 19 05:15:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

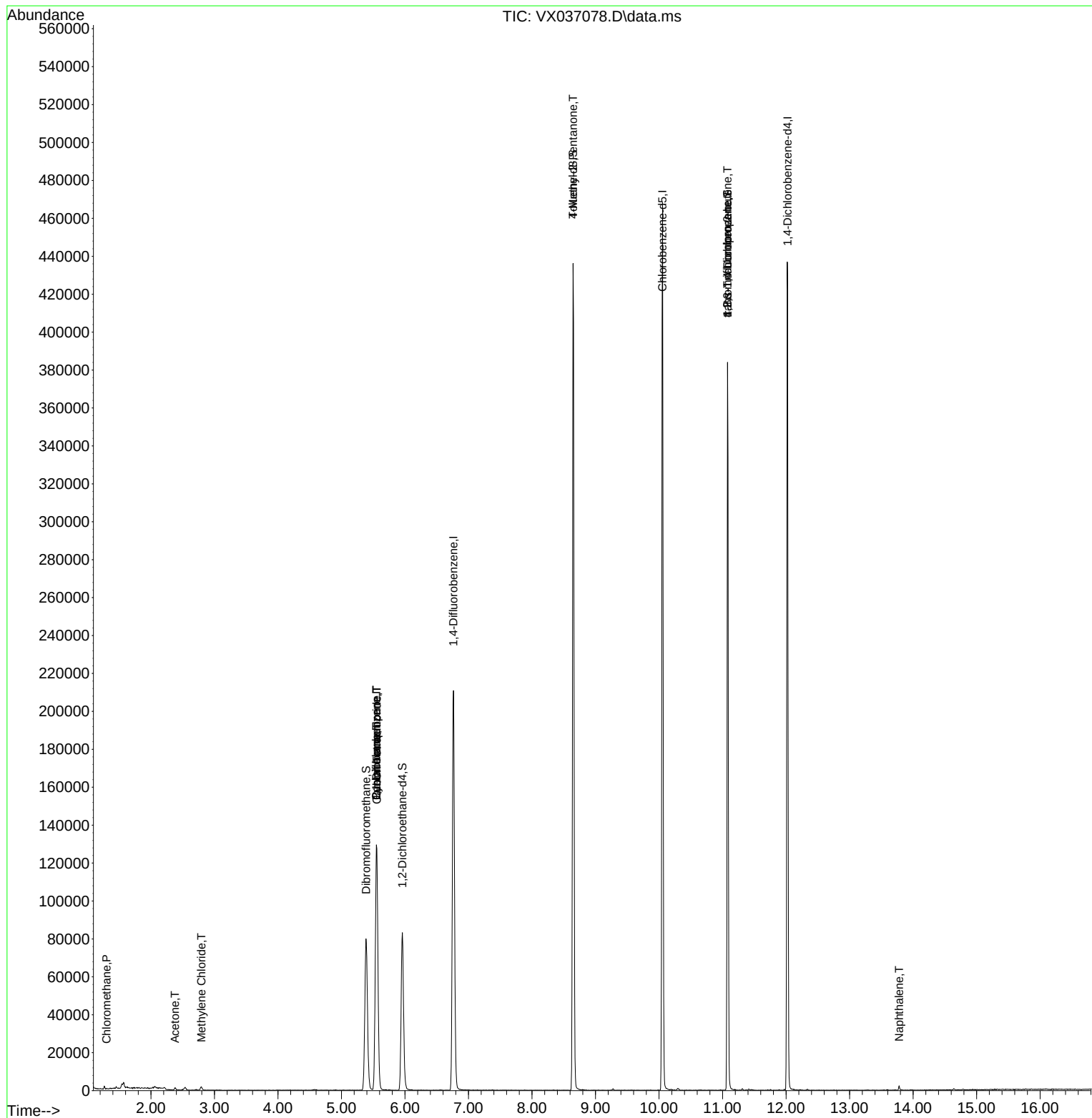
Internal Standards						
1) Pentafluorobenzene	5.550	168	121004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	218787	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84704	48.555	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	97.120%	
35) Dibromofluoromethane	5.385	113	70438	48.612	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	97.220%	
50) Toluene-d8	8.647	98	264287	50.283	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	100.560%	
62) 4-Bromofluorobenzene	11.079	95	104780	50.728	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	101.460%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	333	0.271	ug/l	99
16) Acetone	2.380	43	1334	1.955	ug/l #	79
20) Methylene Chloride	2.794	84	1054	0.691	ug/l #	84
31) Cyclohexane	5.550	56	2487	1.268	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9607	4.667	ug/l #	51
38) Carbon Tetrachloride	5.556	117	12909	5.773	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1116	0.550	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	54753	27.492	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	54753	76.788	ug/l #	5
95) Naphthalene	13.780	128	1911	0.245	ug/l #	92

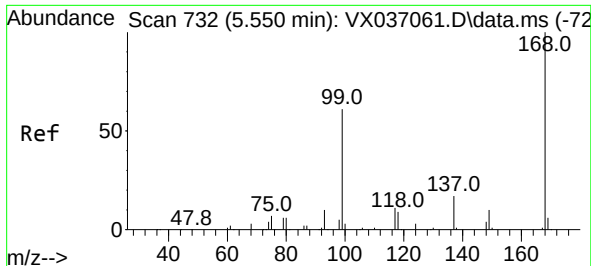
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

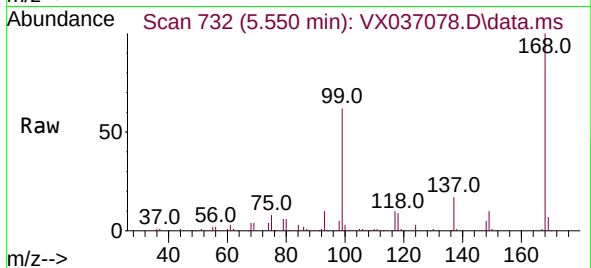
Quant Time: Aug 19 05:15:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
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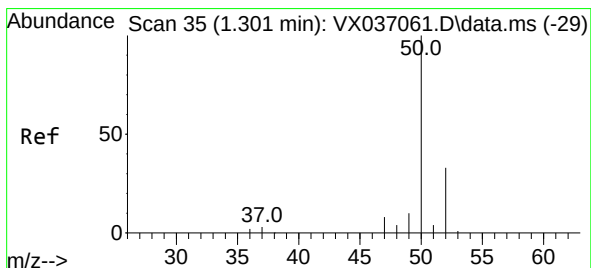
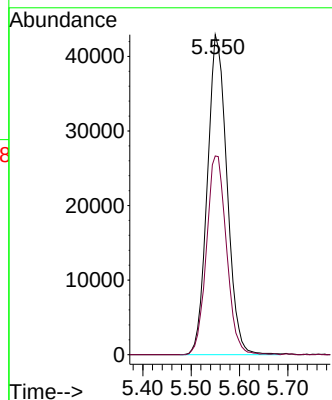
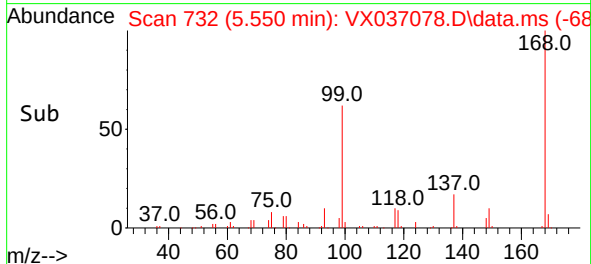


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037078.D
Acq: 18 Aug 2023 12:43

Instrument :
MSVOA_X
ClientSampleId :

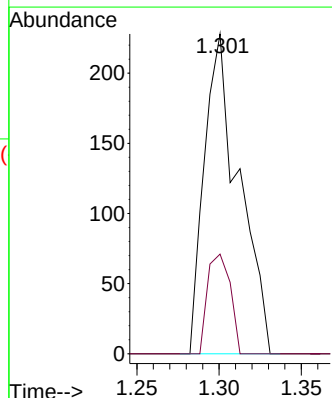
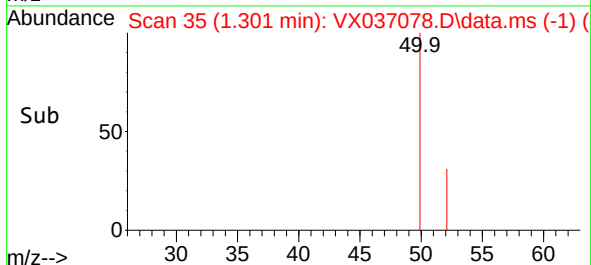
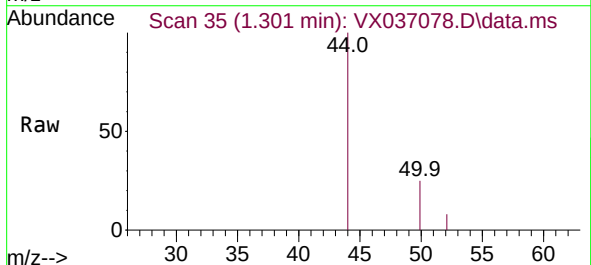


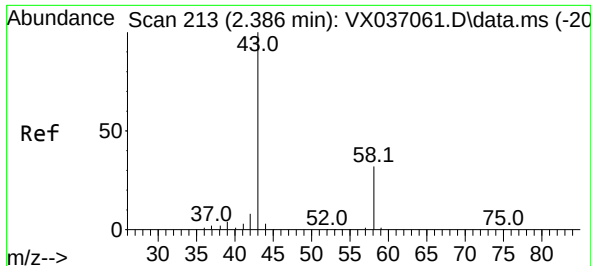
Tgt Ion:168 Resp: 121004
Ion Ratio Lower Upper
168 100
99 62.1 56.6 85.0



#3
Chloromethane
Concen: 0.271 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX037078.D
Acq: 18 Aug 2023 12:43

Tgt Ion: 50 Resp: 333
Ion Ratio Lower Upper
50 100
52 31.1 25.5 38.3

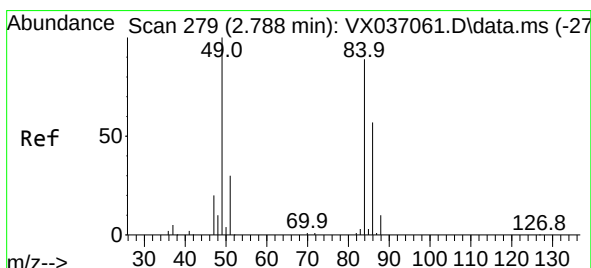
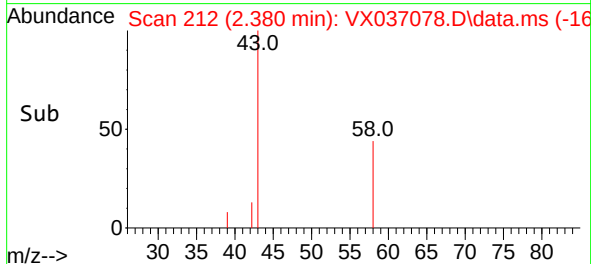
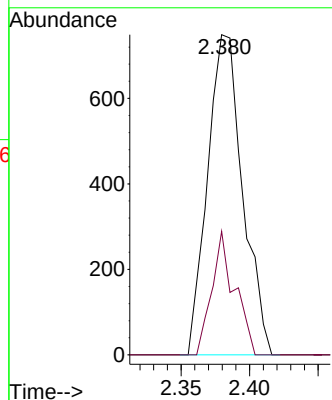
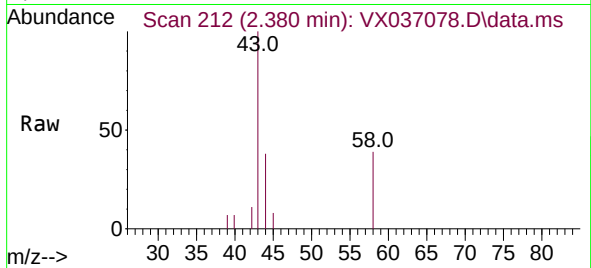




#16
Acetone
Concen: 1.955 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037078.D
Acq: 18 Aug 2023 12:43

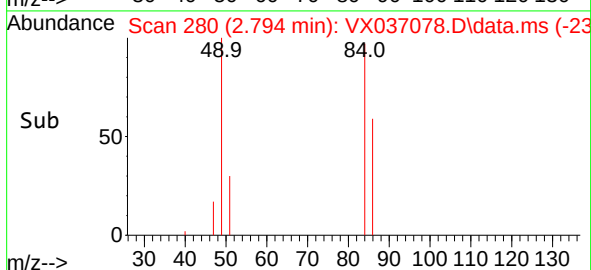
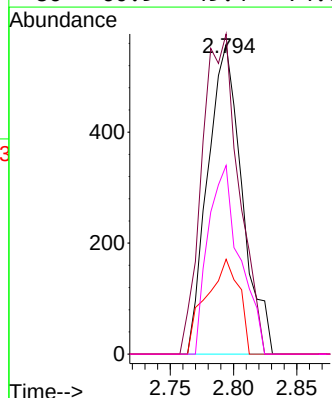
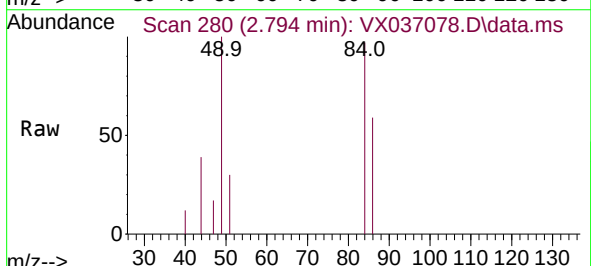
Instrument :
MSVOA_X
ClientSampleId :

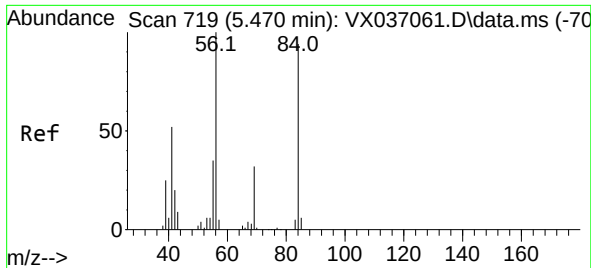
Tgt Ion: 43 Resp: 1334
Ion Ratio Lower Upper
43 100
58 38.6 21.9 32.9#



#20
Methylene Chloride
Concen: 0.691 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037078.D
Acq: 18 Aug 2023 12:43

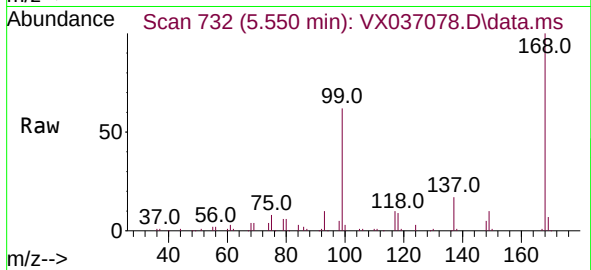
Tgt Ion: 84 Resp: 1054
Ion Ratio Lower Upper
84 100
49 103.4 103.6 155.4#
51 30.6 33.8 50.6#
86 60.9 49.4 74.0



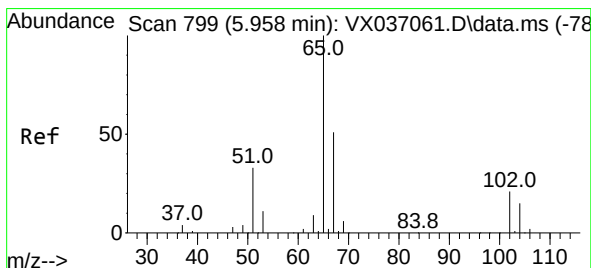
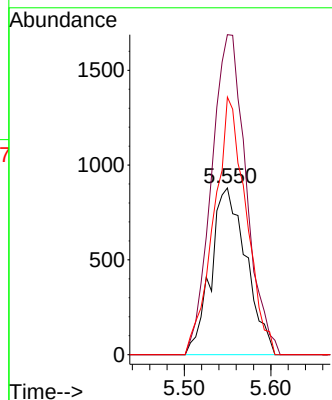
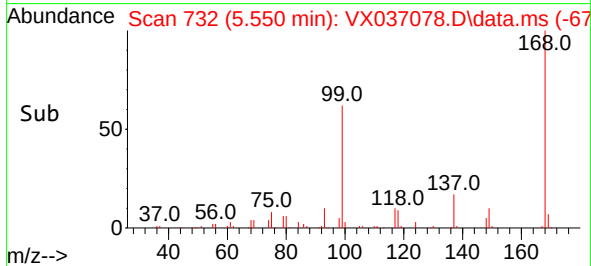


#31
Cyclohexane
Concen: 1.268 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037078.D
Acq: 18 Aug 2023 12:43

Instrument :
MSVOA_X
ClientSampleId :

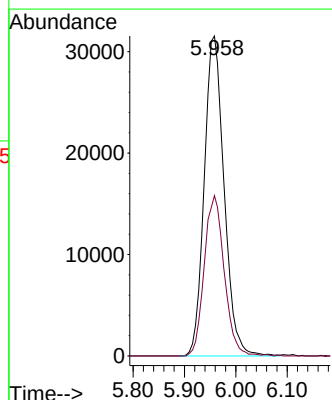
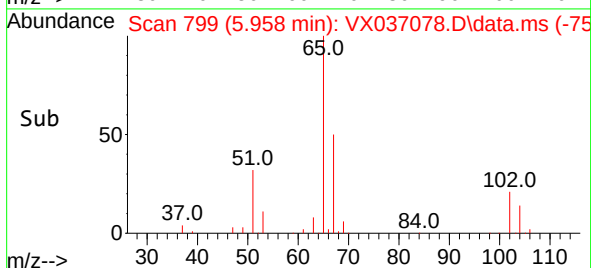
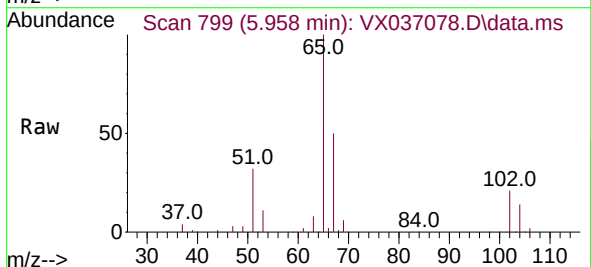


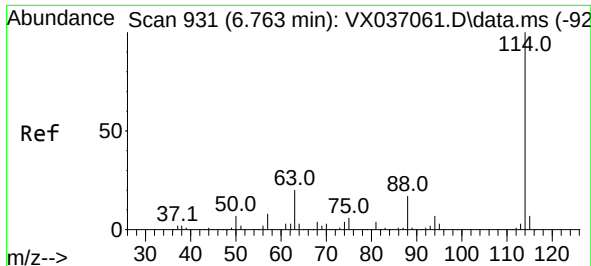
Tgt Ion: 56 Resp: 2487
Ion Ratio Lower Upper
56 100
69 192.0 23.4 35.2#
84 154.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.555 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037078.D
Acq: 18 Aug 2023 12:43

Tgt Ion: 65 Resp: 84704
Ion Ratio Lower Upper
65 100
67 50.3 0.0 100.2

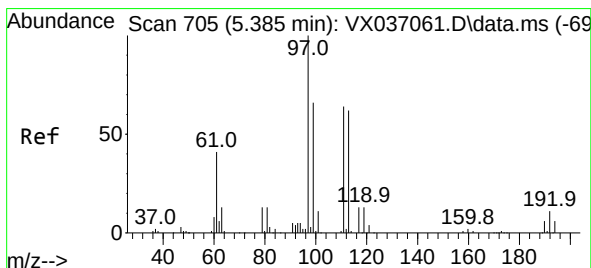
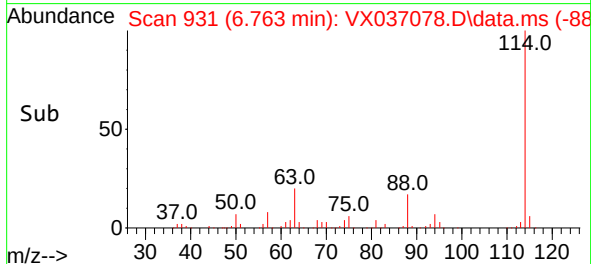
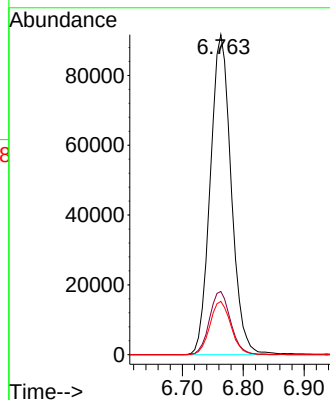
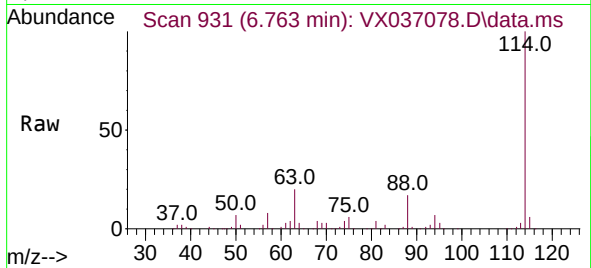




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037078.D
Acq: 18 Aug 2023 12:43

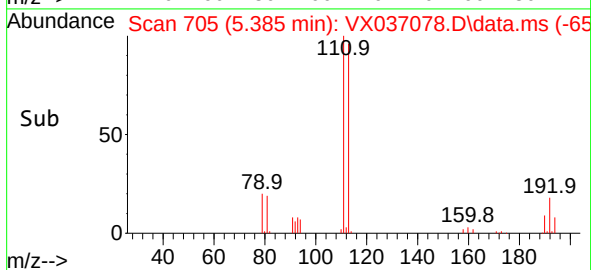
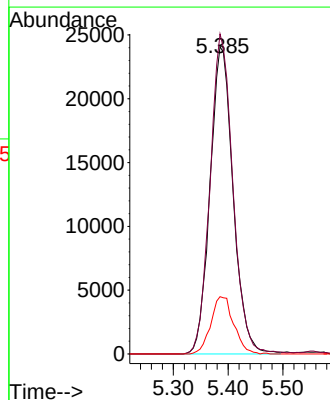
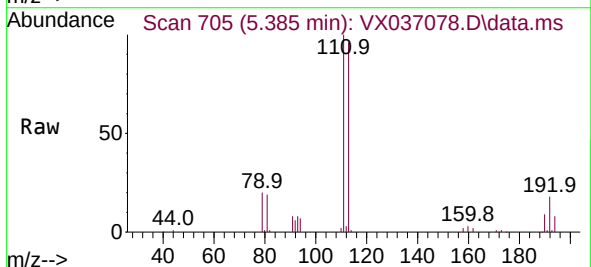
Instrument :
MSVOA_X
ClientSampleId :

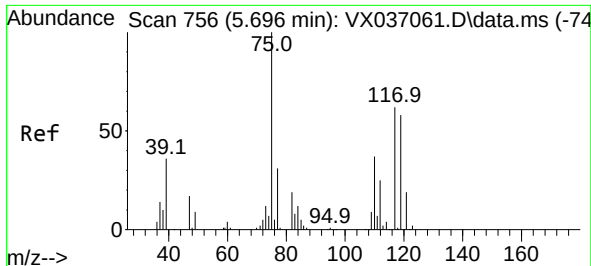
Tgt Ion:114 Resp: 218787
Ion Ratio Lower Upper
114 100
63 19.8 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.612 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037078.D
Acq: 18 Aug 2023 12:43

Tgt Ion:113 Resp: 70438
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 18.4 13.3 19.9

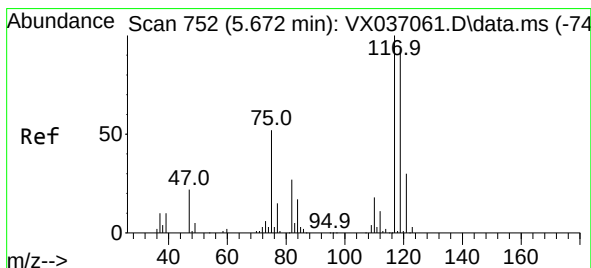
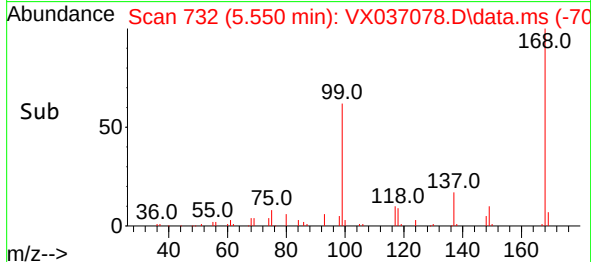
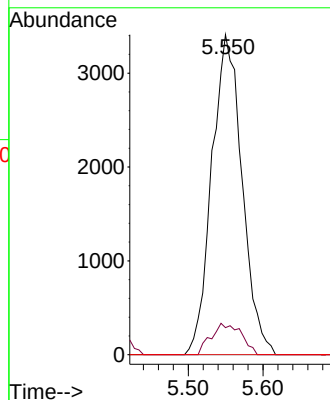
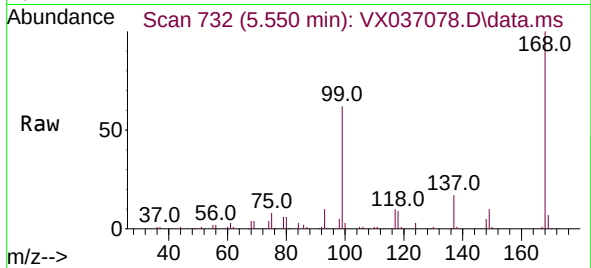




#36
1,1-Dichloropropene
Concen: 4.667 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX037078.D
Acq: 18 Aug 2023 12:43

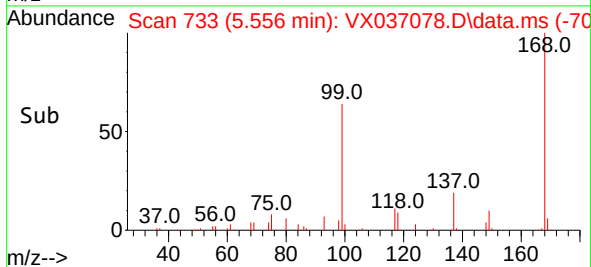
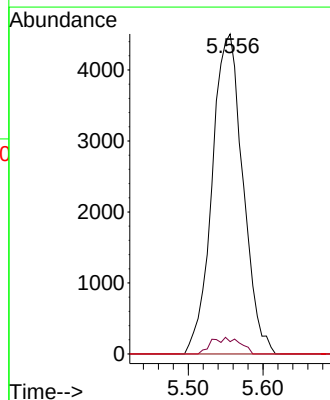
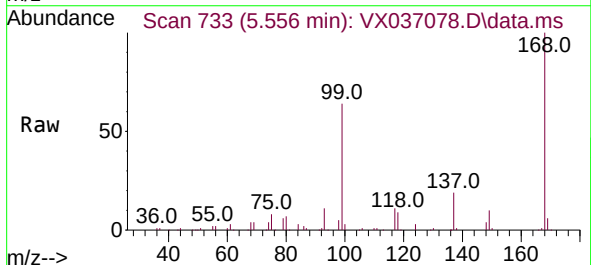
Instrument :
MSVOA_X
ClientSampleId :

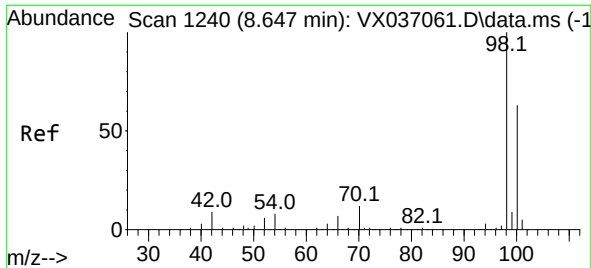
Tgt Ion: 75 Resp: 9607
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.773 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX037078.D
Acq: 18 Aug 2023 12:43

Tgt Ion: 117 Resp: 12909
Ion Ratio Lower Upper
117 100
119 3.8 78.2 117.2#
121 0.0 24.4 36.6#

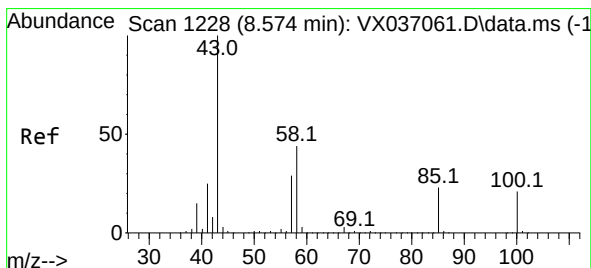
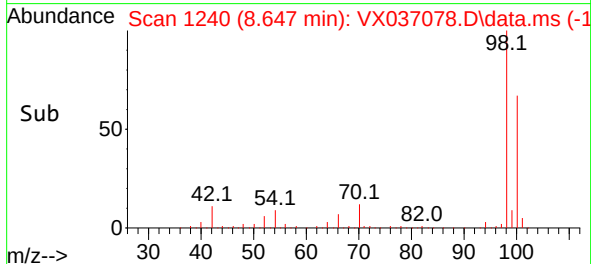
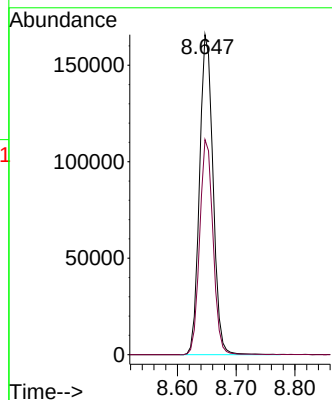
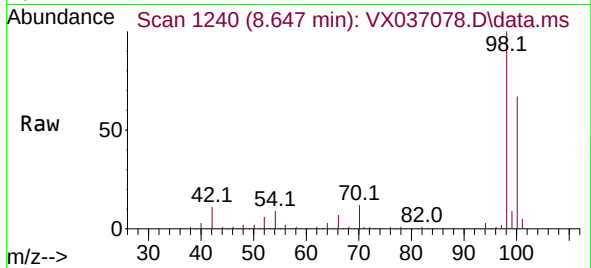




#50
Toluene-d8
Concen: 50.283 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037078.D
Acq: 18 Aug 2023 12:43

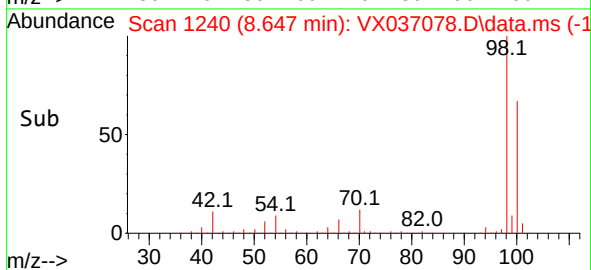
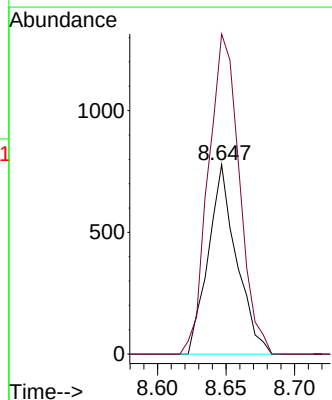
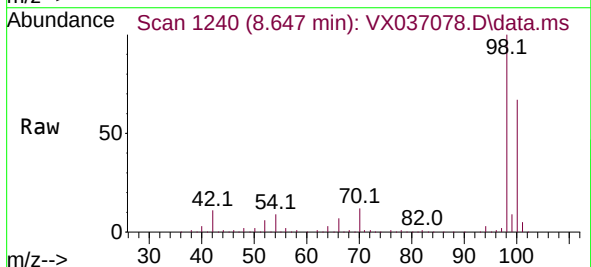
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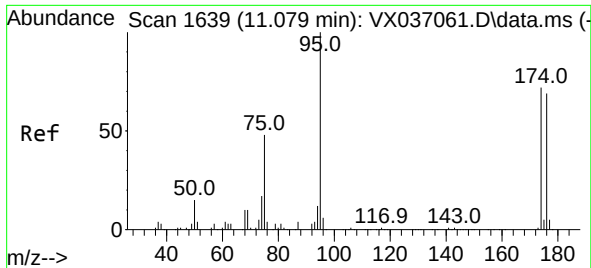
Tgt Ion: 98 Resp: 264287
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.550 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037078.D
Acq: 18 Aug 2023 12:43

Tgt Ion: 43 Resp: 1116
Ion Ratio Lower Upper
43 100
58 185.7 30.4 45.6#

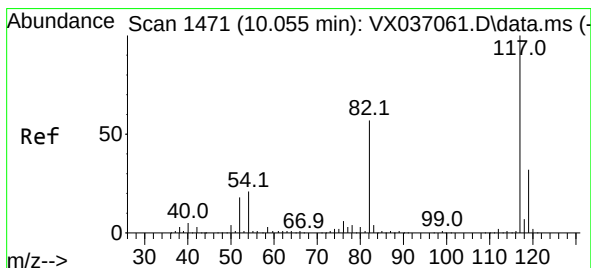
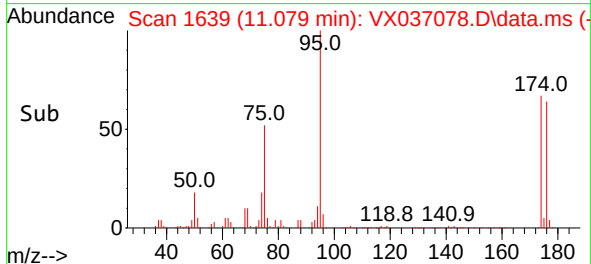
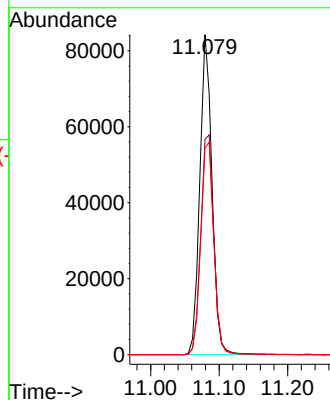
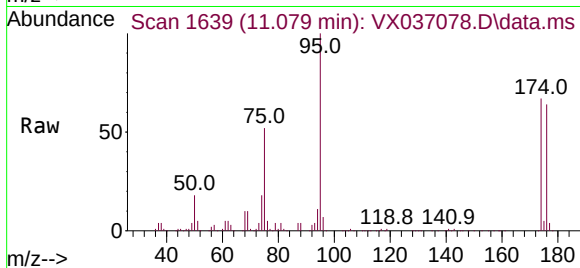




#62
4-Bromofluorobenzene
Concen: 50.728 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037078.D
Acq: 18 Aug 2023 12:43

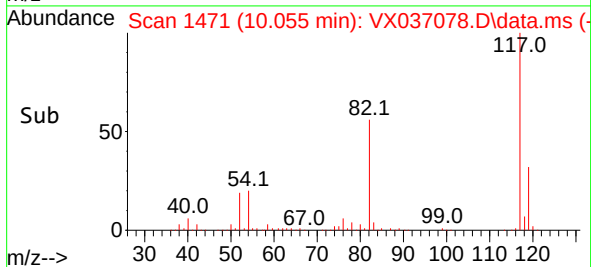
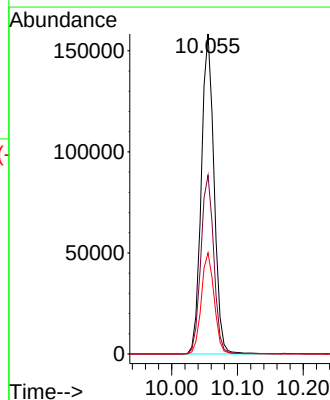
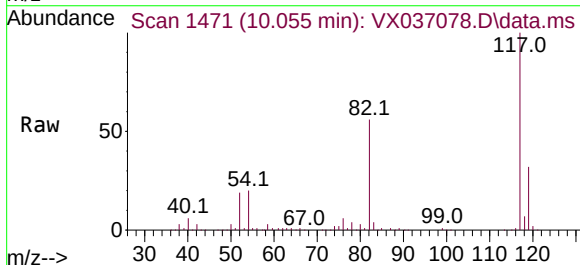
Instrument :
MSVOA_X
ClientSampleId :

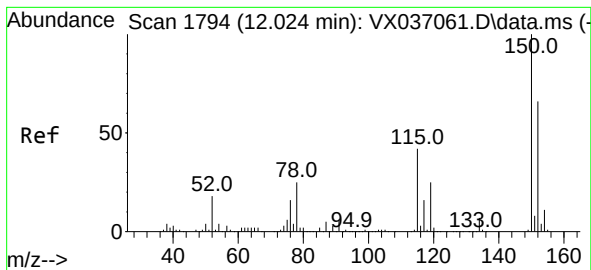
Tgt Ion: 95 Resp: 104780
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 70.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037078.D
Acq: 18 Aug 2023 12:43

Tgt Ion: 117 Resp: 213301
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 31.6 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: VX037078.D

Acq: 18 Aug 2023 12:43

Instrument :

MSVOA_X

ClientSampleId :

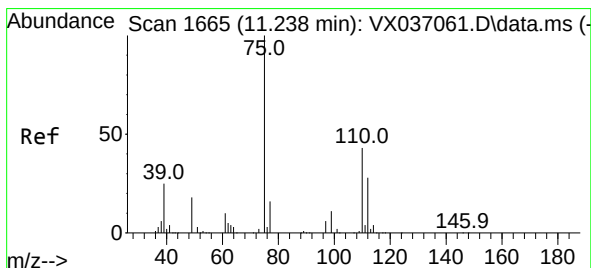
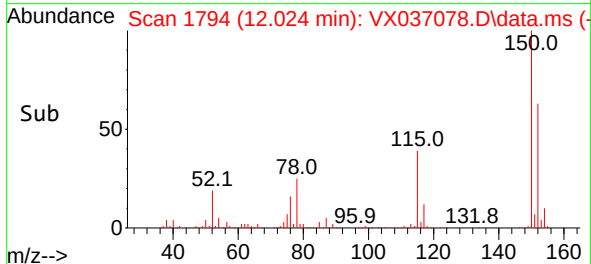
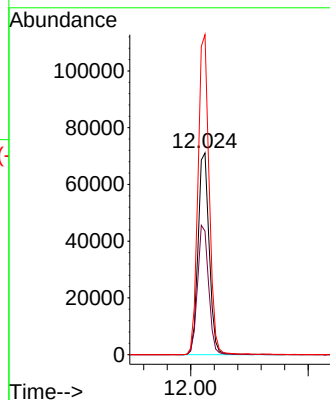
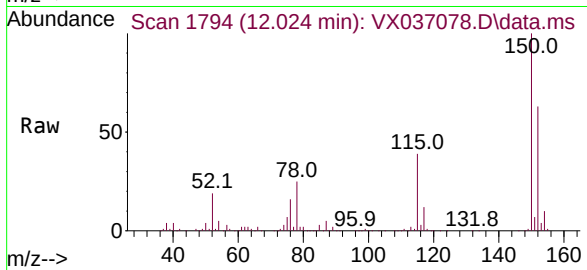
Tgt Ion:152 Resp: 93515

Ion Ratio Lower Upper

152 100

115 63.7 43.3 129.9

150 158.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 27.492 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX037078.D

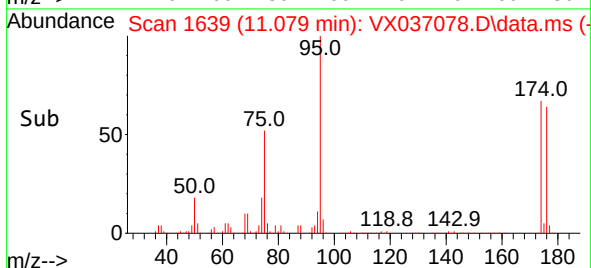
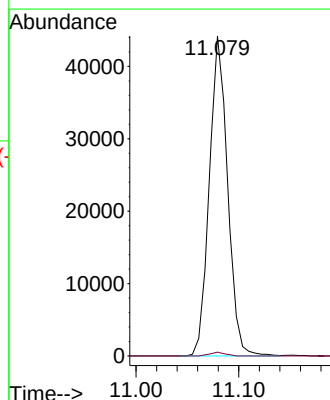
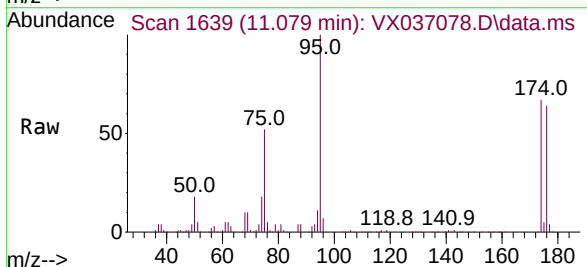
Acq: 18 Aug 2023 12:43

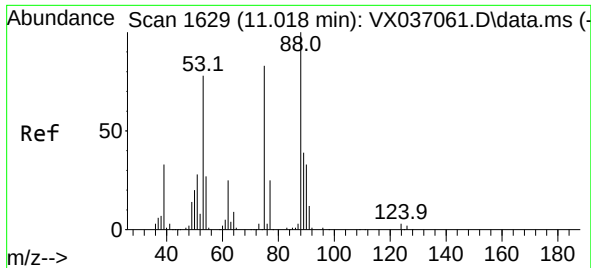
Tgt Ion: 75 Resp: 54753

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#

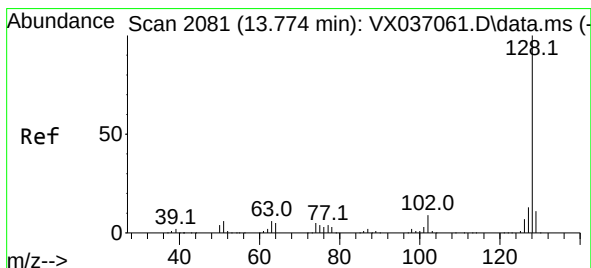
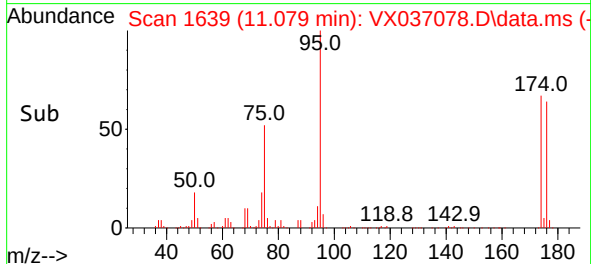
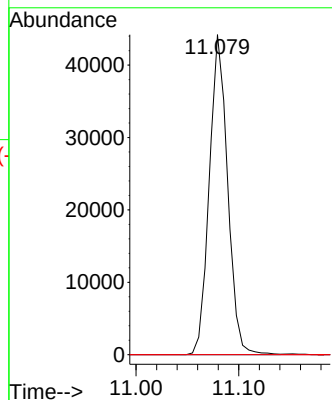
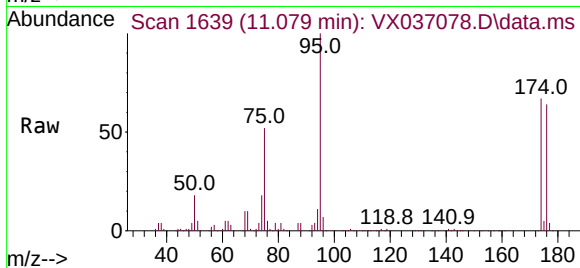




#81
trans-1,4-Dichloro-2-butene
Concen: 76.788 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037078.D
Acq: 18 Aug 2023 12:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 54753
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.245 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX037078.D
Acq: 18 Aug 2023 12:43

Tgt Ion:128 Resp: 1911
Ion Ratio Lower Upper
128 100
127 11.3 10.3 15.5
129 6.6 8.8 13.2#

