

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037077.D
 Acq On : 18 Aug 2023 12:19
 Operator : JC/MD
 Sample : 03980-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 19 05:15:37 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	5.556	168	122646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224870	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94145	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86169	48.734	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.460%
35) Dibromofluoromethane	5.391	113	71751	48.179	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.360%
50) Toluene-d8	8.647	98	266708	49.371	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.740%
62) 4-Bromofluorobenzene	11.079	95	105710	49.794	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.580%

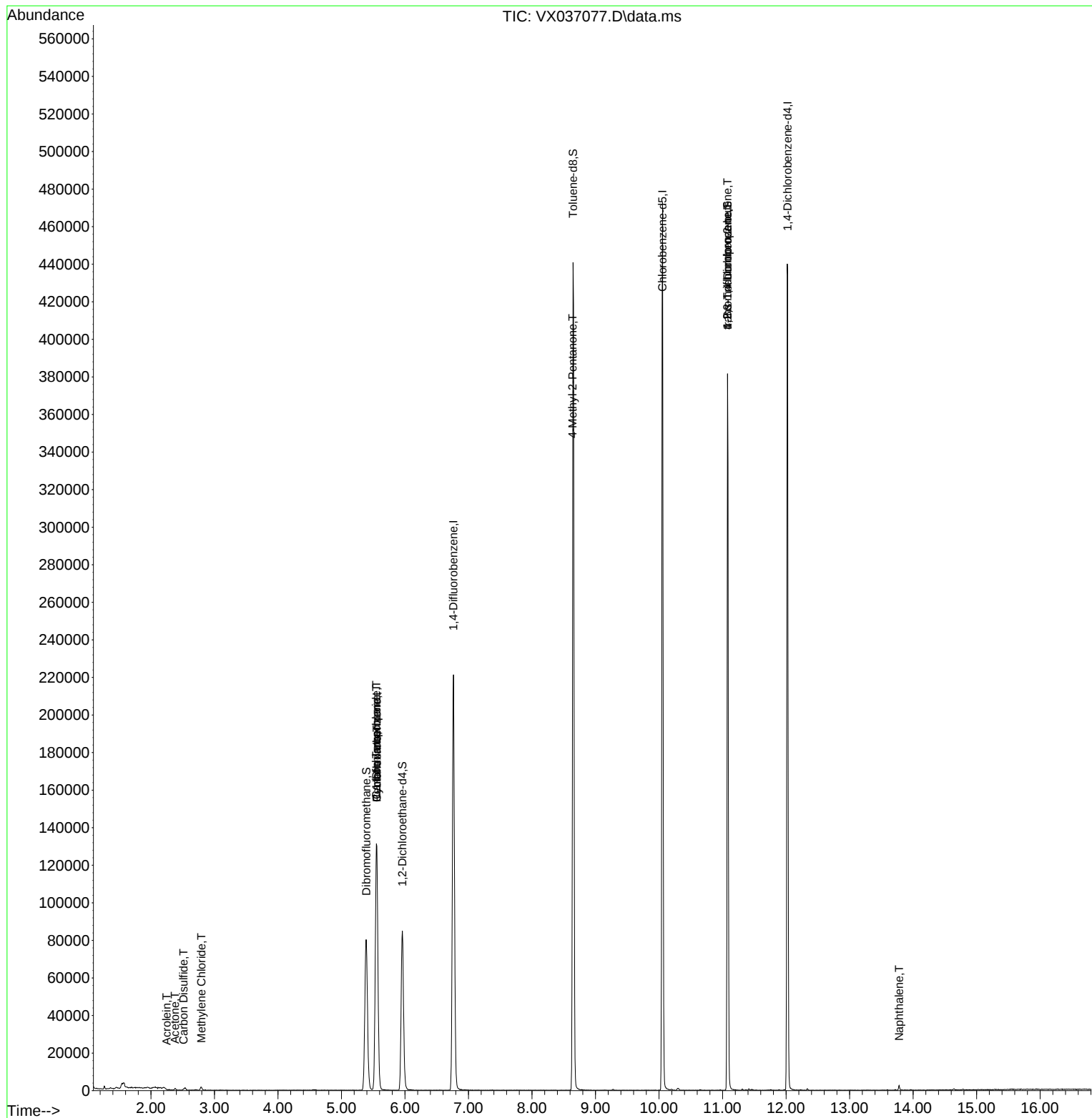
Target Compounds					Qvalue	
13) Acrolein	2.245	56	164	0.520	ug/l #	74
16) Acetone	2.380	43	914	1.321	ug/l #	88
17) Carbon Disulfide	2.514	76	643	0.200	ug/l #	91
20) Methylene Chloride	2.794	84	924	0.597	ug/l #	78
31) Cyclohexane	5.556	56	2744	1.380	ug/l #	18
36) 1,1-Dichloropropene	5.550	75	9482	4.481	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13381	5.822	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	1047	0.502	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	54744	27.304	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	54744	76.261	ug/l #	5
95) Naphthalene	13.780	128	2132	0.271	ug/l	97

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

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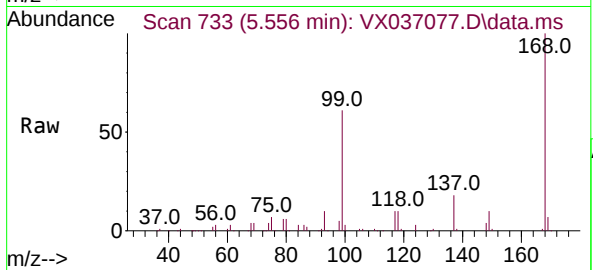
Quant Time: Aug 19 05:15:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



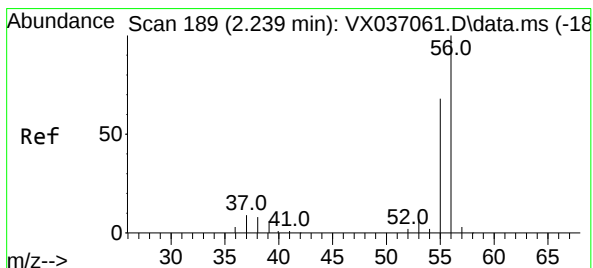
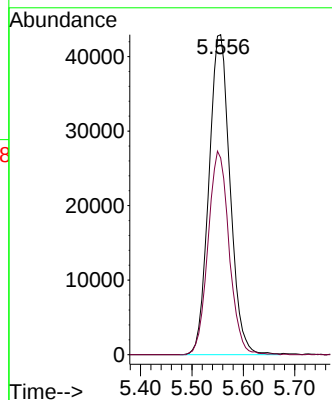
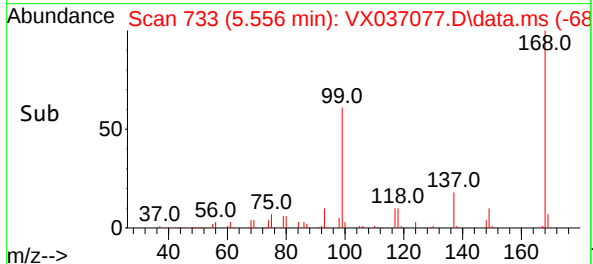


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037077.D
Acq: 18 Aug 2023 12:19

Instrument :
MSVOA_X
ClientSampleId :

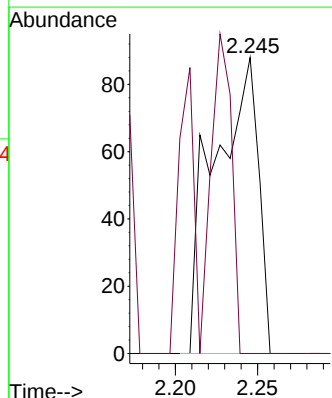
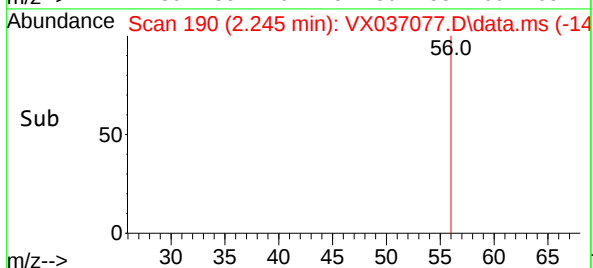
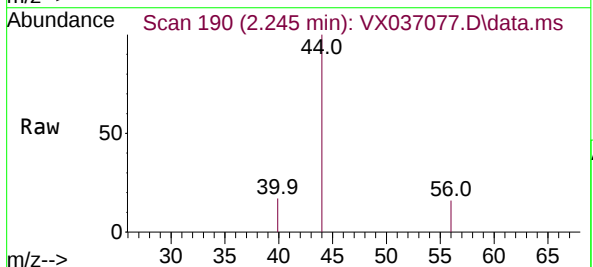


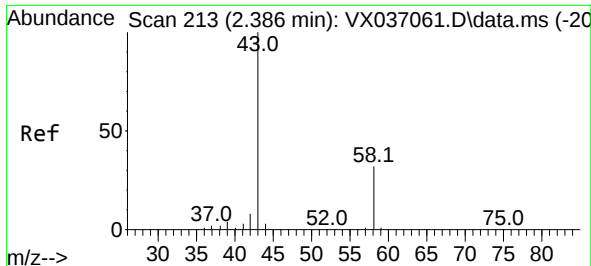
Tgt Ion:168 Resp: 122646
Ion Ratio Lower Upper
168 100
99 61.5 56.6 85.0



#13
Acrolein
Concen: 0.520 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX037077.D
Acq: 18 Aug 2023 12:19

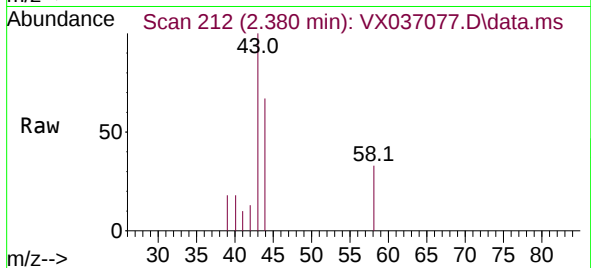
Tgt Ion: 56 Resp: 164
Ion Ratio Lower Upper
56 100
55 50.0 57.1 85.7#



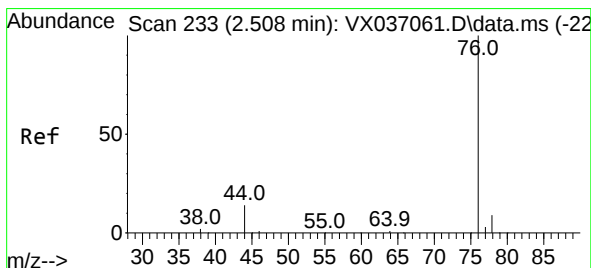
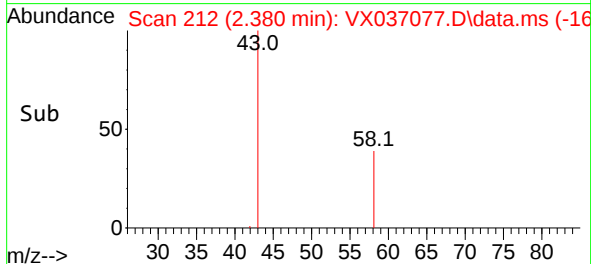
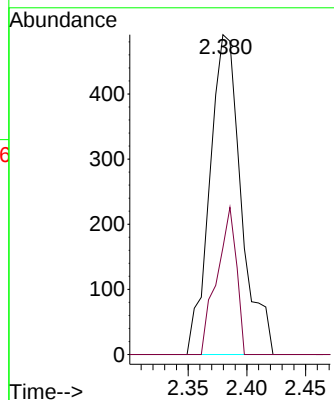


#16
Acetone
Concen: 1.321 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037077.D
Acq: 18 Aug 2023 12:19

Instrument :
MSVOA_X
ClientSampleId :

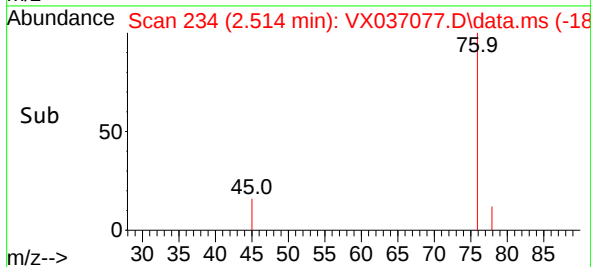
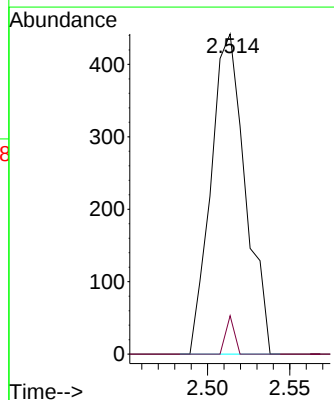
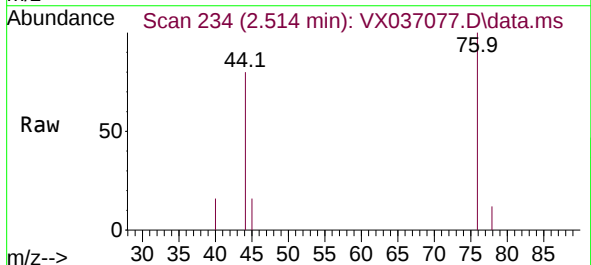


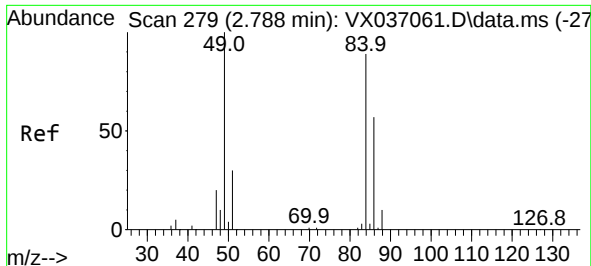
Tgt Ion: 43 Resp: 914
Ion Ratio Lower Upper
43 100
58 33.4 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.200 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX037077.D
Acq: 18 Aug 2023 12:19

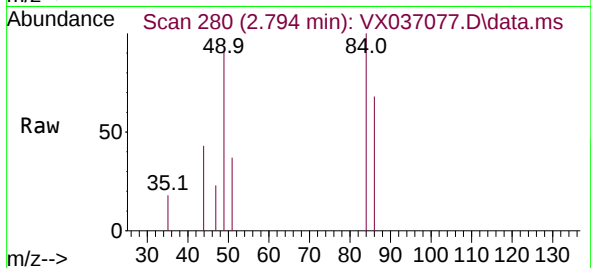
Tgt Ion: 76 Resp: 643
Ion Ratio Lower Upper
76 100
78 12.0 7.0 10.6#



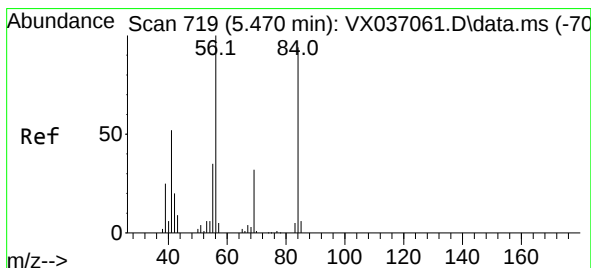
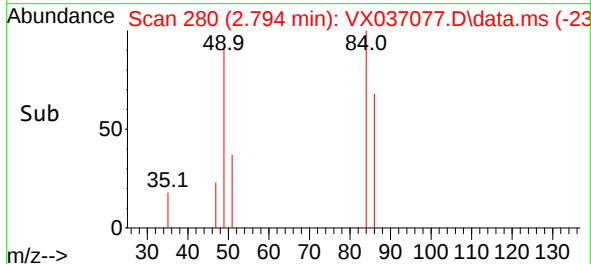
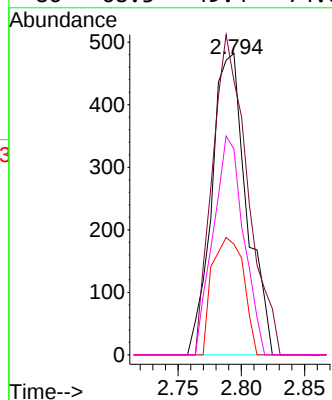


#20
Methylene Chloride
Concen: 0.597 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037077.D
Acq: 18 Aug 2023 12:19

Instrument :
MSVOA_X
ClientSampleId :

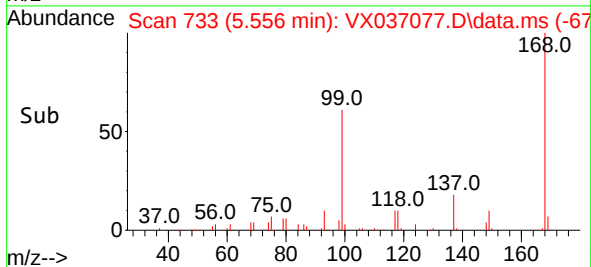
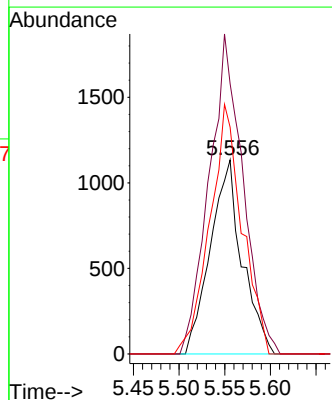
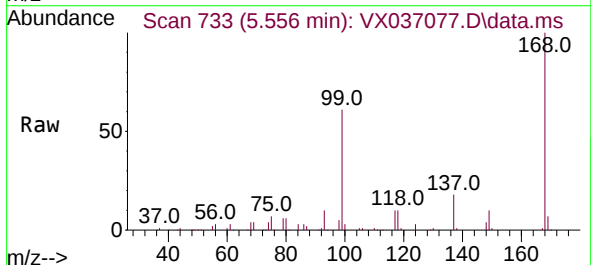


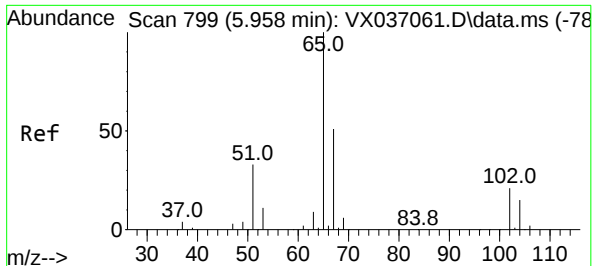
Tgt Ion:	84	Resp:	924
Ion	Ratio	Lower	Upper
84	100		
49	90.9	103.6	155.4#
51	36.7	33.8	50.6
86	68.3	49.4	74.0



#31
Cyclohexane
Concen: 1.380 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX037077.D
Acq: 18 Aug 2023 12:19

Tgt Ion:	56	Resp:	2744
Ion	Ratio	Lower	Upper
56	100		
69	139.2	23.4	35.2#
84	116.8	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 48.734 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037077.D

Acq: 18 Aug 2023 12:19

Instrument :

MSVOA_X

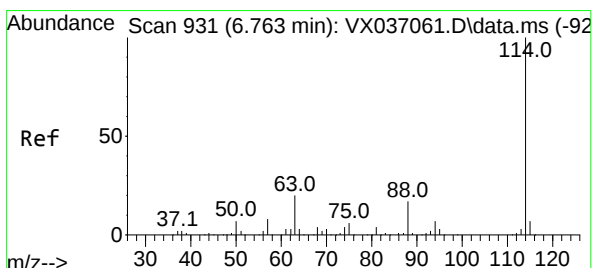
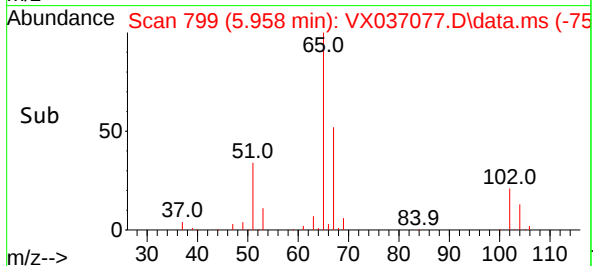
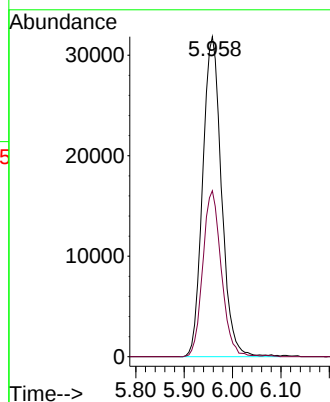
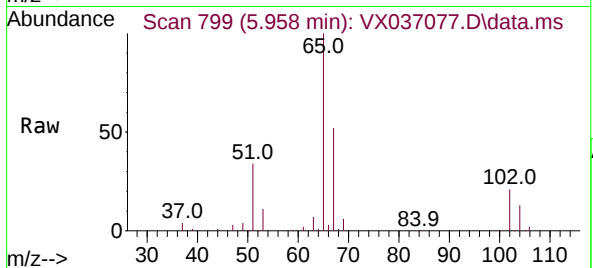
ClientSampleId :

Tgt Ion: 65 Resp: 86169

Ion Ratio Lower Upper

65 100

67 51.0 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: VX037077.D

Acq: 18 Aug 2023 12:19

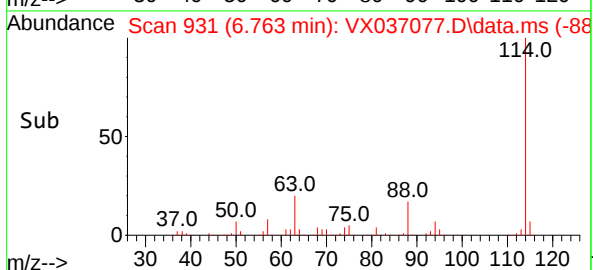
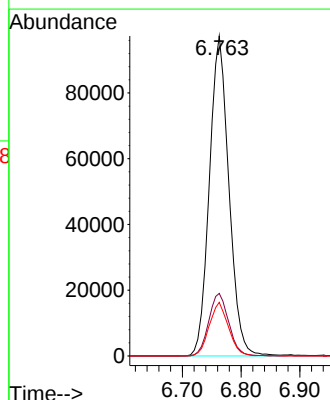
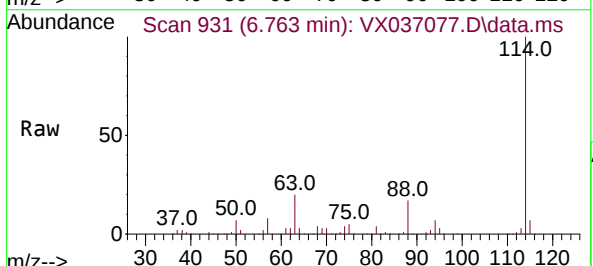
Tgt Ion: 114 Resp: 224870

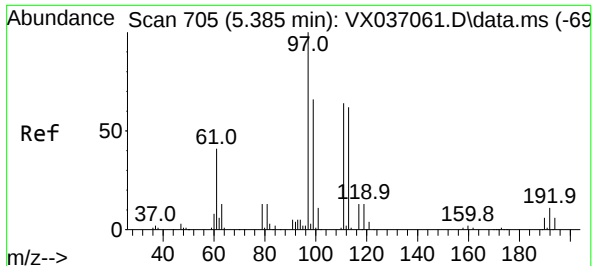
Ion Ratio Lower Upper

114 100

63 19.5 0.0 45.0

88 16.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.179 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

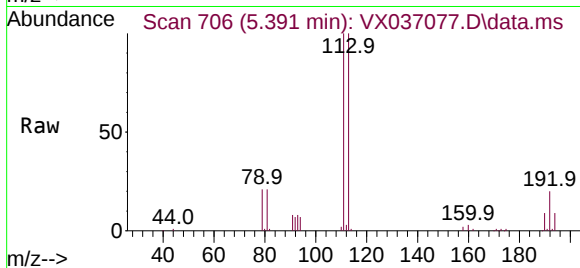
Lab File: VX037077.D

Acq: 18 Aug 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :



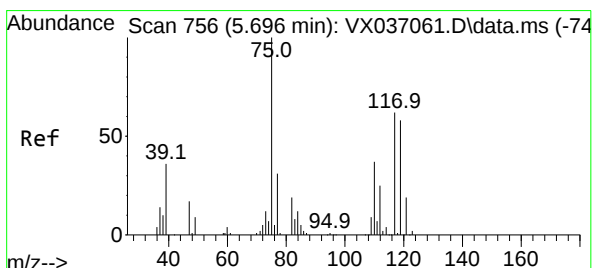
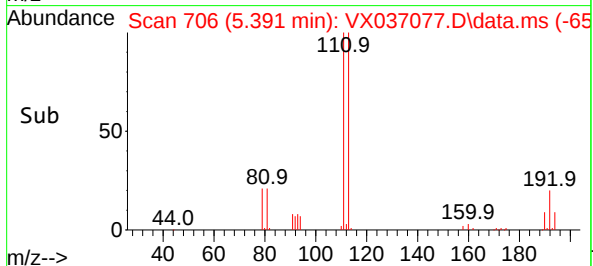
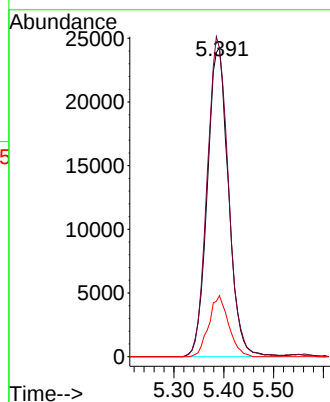
Tgt Ion:113 Resp: 71751

Ion Ratio Lower Upper

113 100

111 103.2 82.9 124.3

192 18.4 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.481 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX037077.D

Acq: 18 Aug 2023 12:19

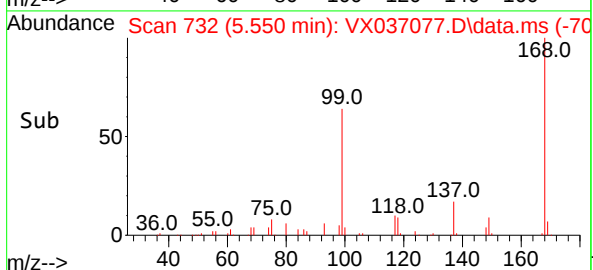
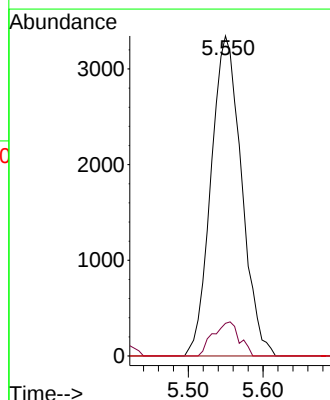
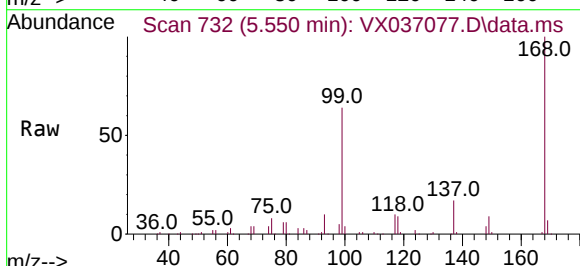
Tgt Ion: 75 Resp: 9482

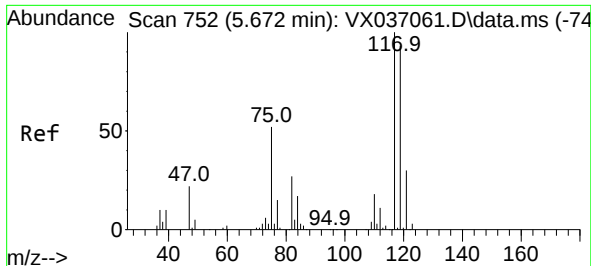
Ion Ratio Lower Upper

75 100

110 9.2 17.0 50.9#

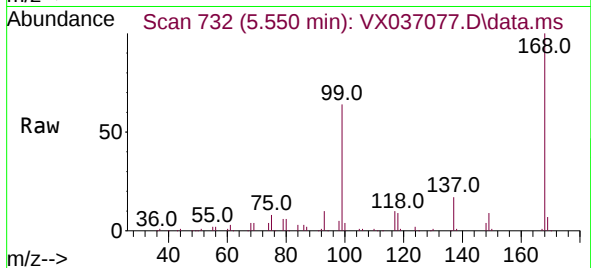
77 0.0 24.7 37.1#



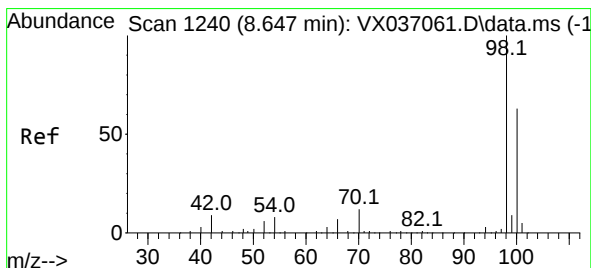
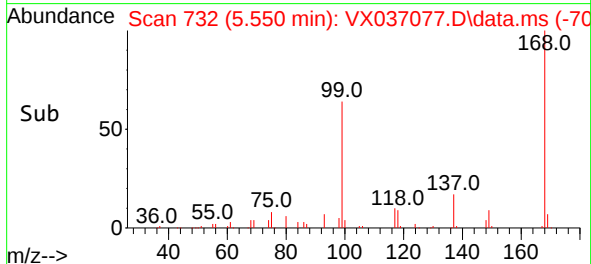
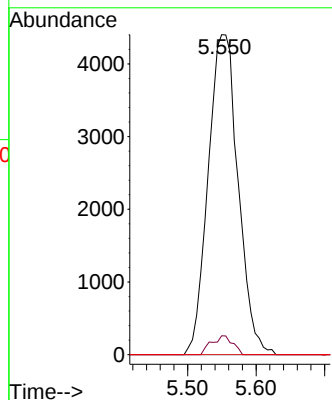


#38
Carbon Tetrachloride
Concen: 5.822 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037077.D
Acq: 18 Aug 2023 12:19

Instrument :
MSVOA_X
ClientSampleId :

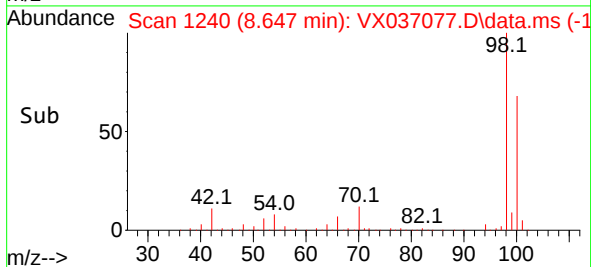
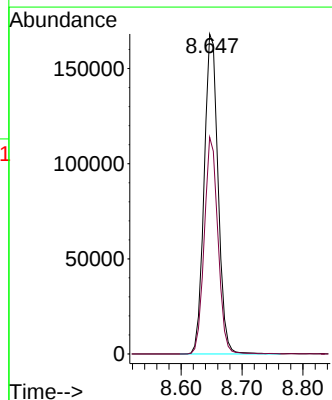
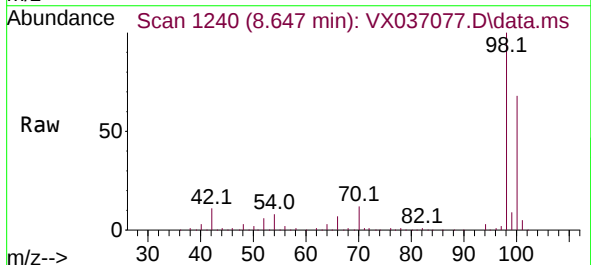


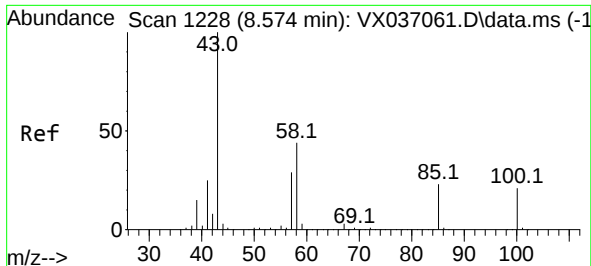
Tgt Ion:117 Resp: 13381
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.371 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037077.D
Acq: 18 Aug 2023 12:19

Tgt Ion: 98 Resp: 266708
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7

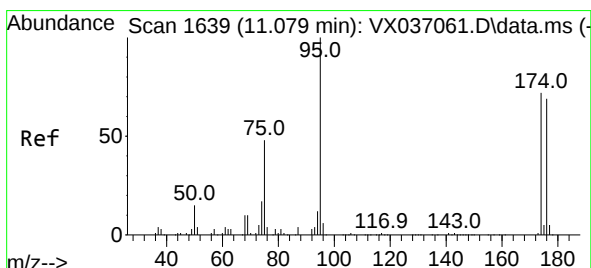
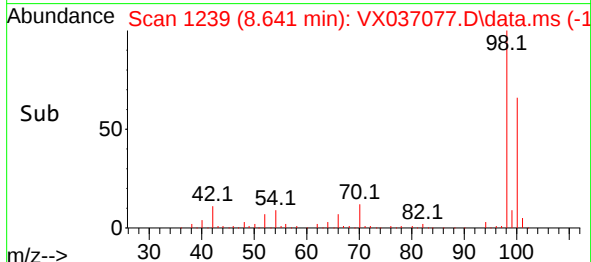
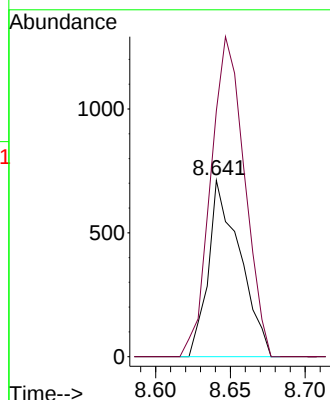
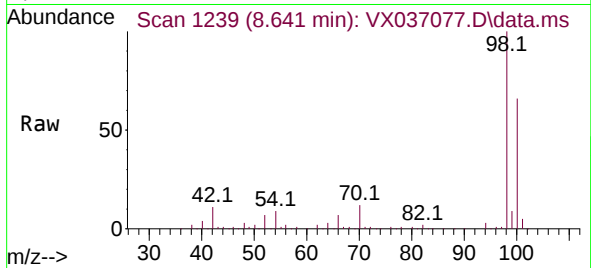




#51
4-Methyl-2-Pentanone
Concen: 0.502 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX037077.D
Acq: 18 Aug 2023 12:19

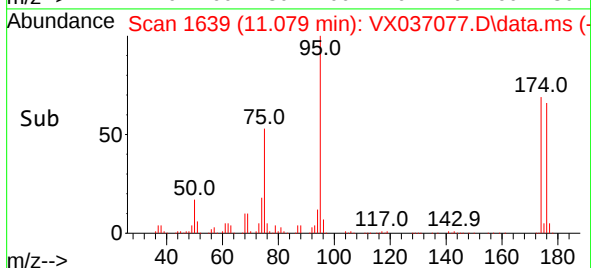
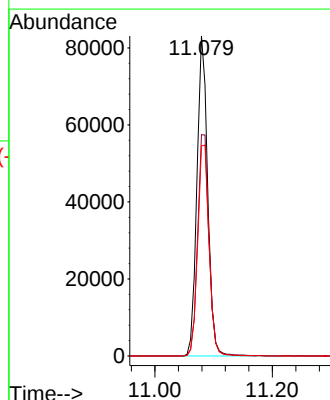
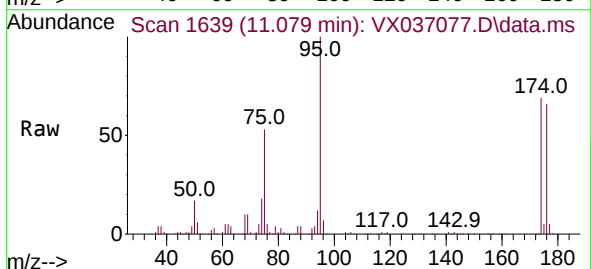
Instrument :
MSVOA_X
ClientSampleId :

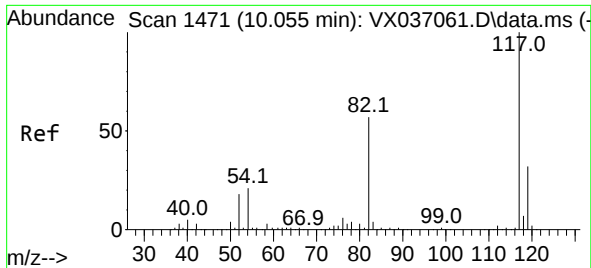
Tgt Ion: 43 Resp: 1047
Ion Ratio Lower Upper
43 100
58 193.9 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 49.794 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037077.D
Acq: 18 Aug 2023 12:19

Tgt Ion: 95 Resp: 105710
Ion Ratio Lower Upper
95 100
174 72.7 0.0 135.6
176 69.8 0.0 131.0

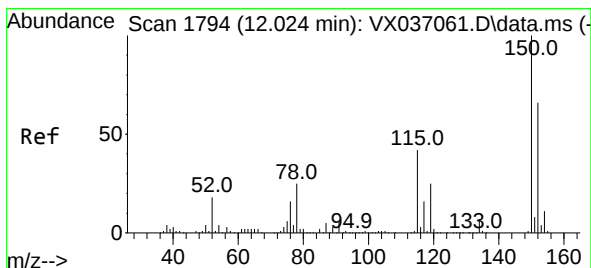
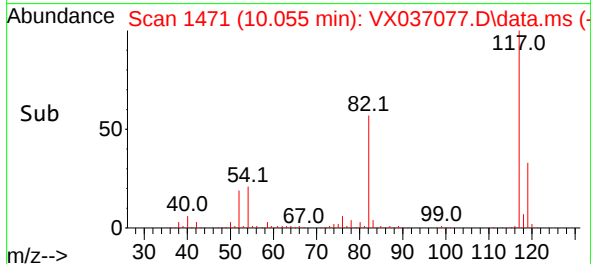
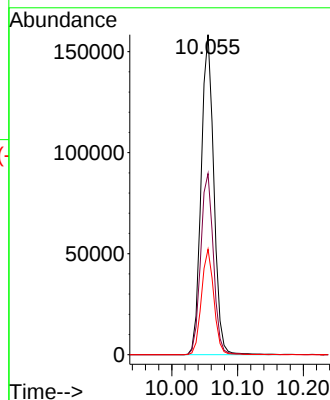
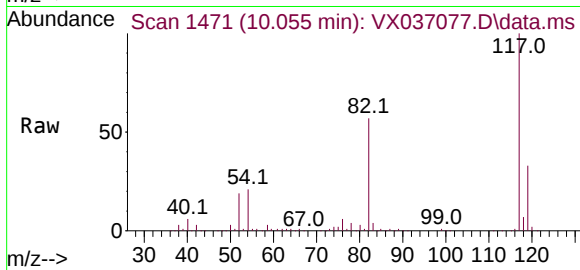




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037077.D
Acq: 18 Aug 2023 12:19

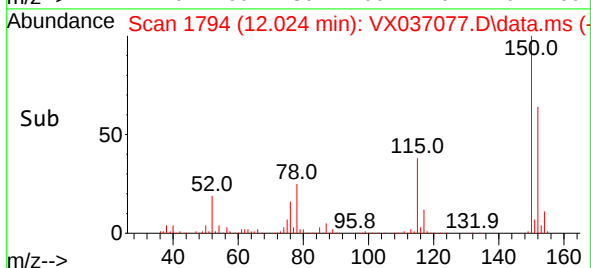
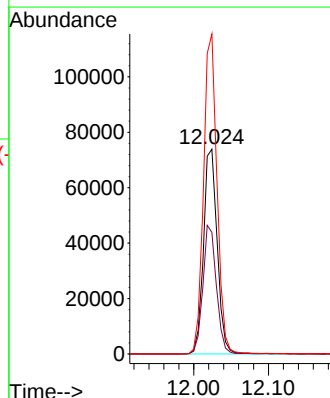
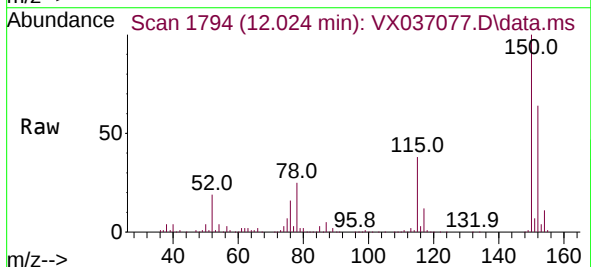
Instrument :
MSVOA_X
ClientSampleId :

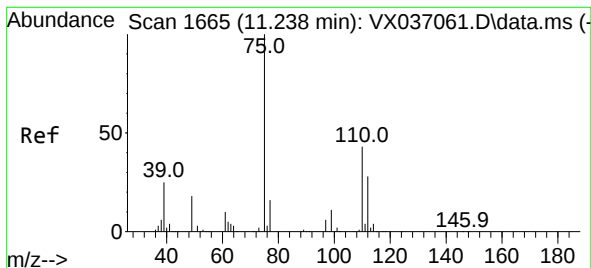
Tgt Ion:117 Resp: 212224
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 32.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037077.D
Acq: 18 Aug 2023 12:19

Tgt Ion:152 Resp: 94145
Ion Ratio Lower Upper
152 100
115 61.8 43.3 129.9
150 153.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 27.304 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037077.D

Acq: 18 Aug 2023 12:19

Instrument :

MSVOA_X

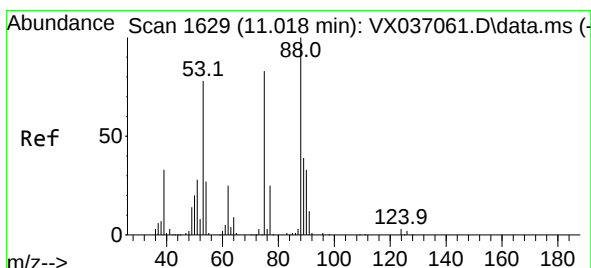
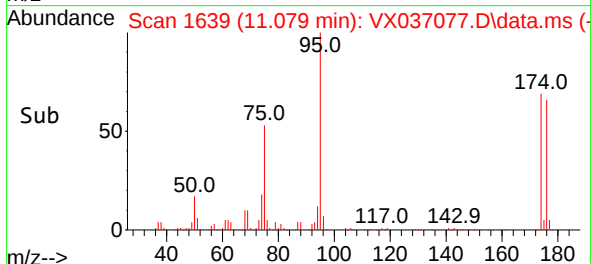
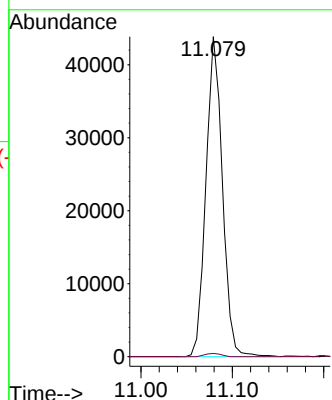
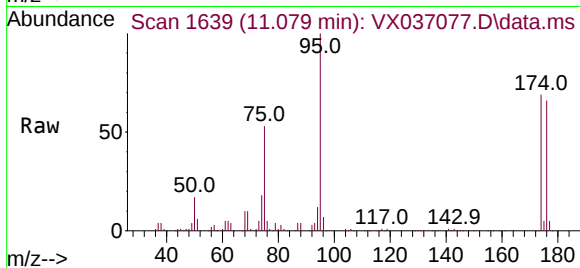
ClientSampleId :

Tgt Ion: 75 Resp: 54744

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.261 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037077.D

Acq: 18 Aug 2023 12:19

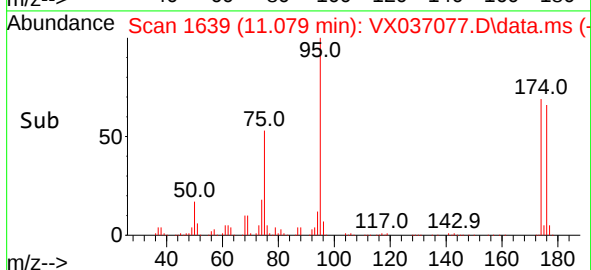
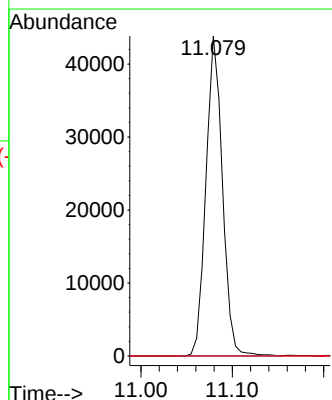
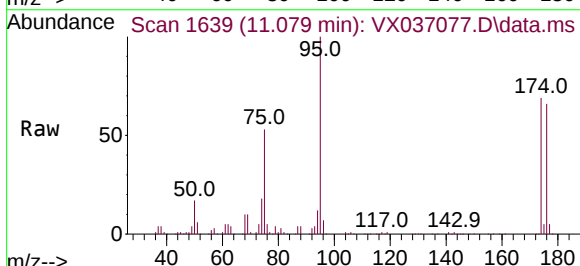
Tgt Ion: 75 Resp: 54744

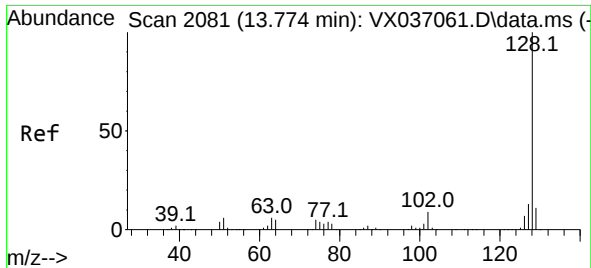
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.271 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX037077.D
Acq: 18 Aug 2023 12:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 2132
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 9.3 8.8 13.2

