

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037079.D
 Acq On : 18 Aug 2023 13:07
 Operator : JC/MD
 Sample : 03980-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 19 05:16:12 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)

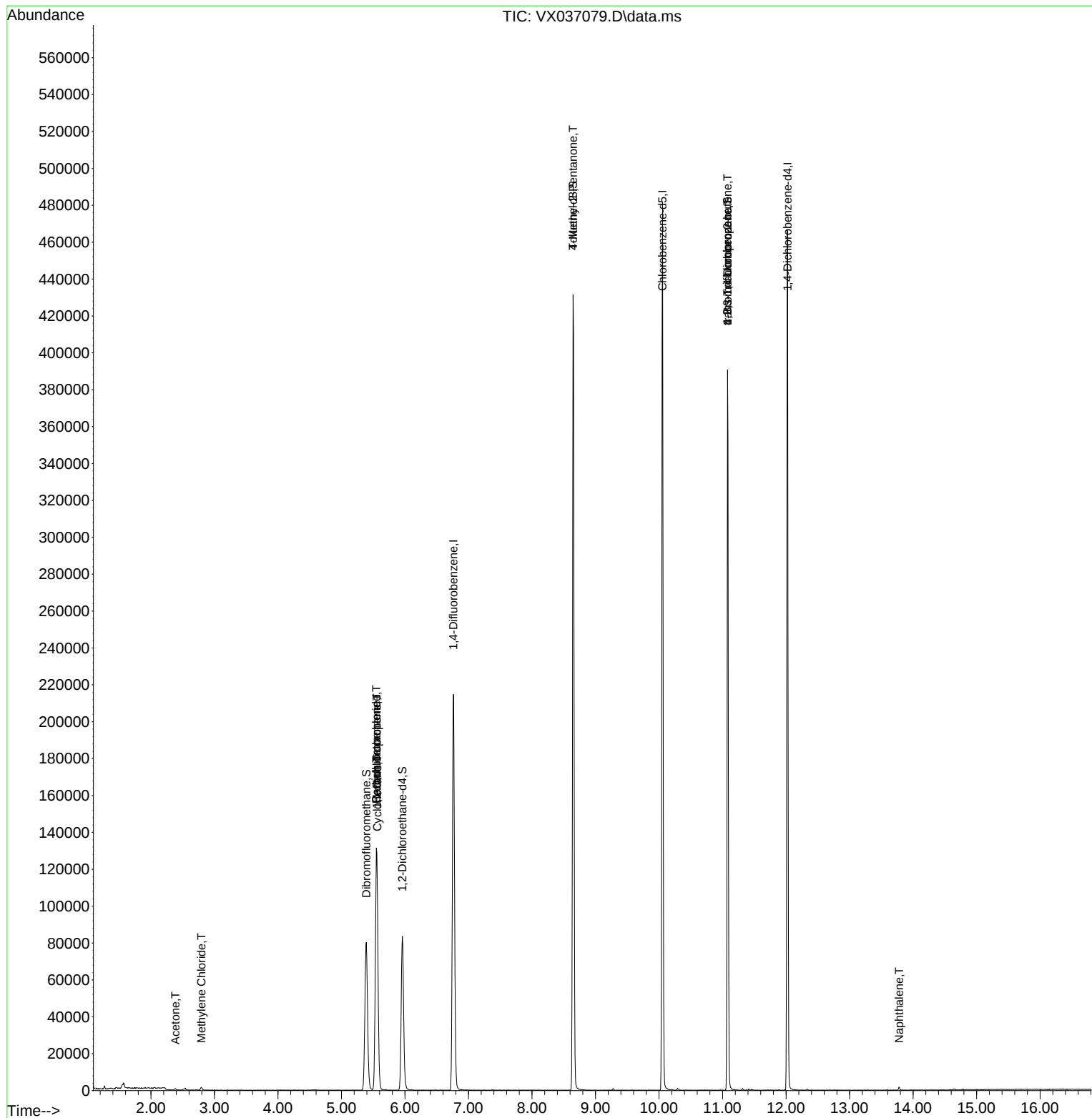
Internal Standards						
1) Pentafluorobenzene	5.549	168	120985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222446	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84394	48.385	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.780%
35) Dibromofluoromethane	5.391	113	70779	48.044	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.080%
50) Toluene-d8	8.646	98	263334	49.278	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.560%
62) 4-Bromofluorobenzene	11.079	95	107583	51.228	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.460%
Target Compounds						
					Qvalue	
16) Acetone	2.385	43	976	1.430	ug/l	98
20) Methylene Chloride	2.794	84	880	0.577	ug/l #	78
31) Cyclohexane	5.562	56	2645	1.349	ug/l #	1
36) 1,1-Dichloropropene	5.555	75	9567	4.571	ug/l #	52
38) Carbon Tetrachloride	5.549	117	13056	5.742	ug/l #	15
51) 4-Methyl-2-Pentanone	8.646	43	978	0.474	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	55099	26.412	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	55099	73.770	ug/l #	5
95) Naphthalene	13.780	128	1743	0.213	ug/l #	96

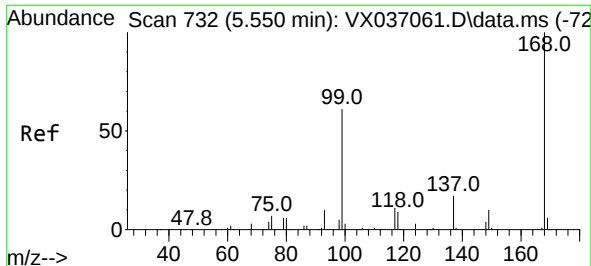
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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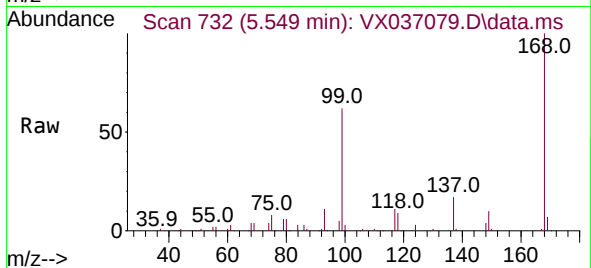
Quant Time: Aug 19 05:16:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
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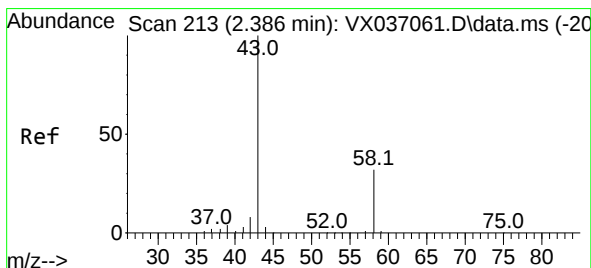
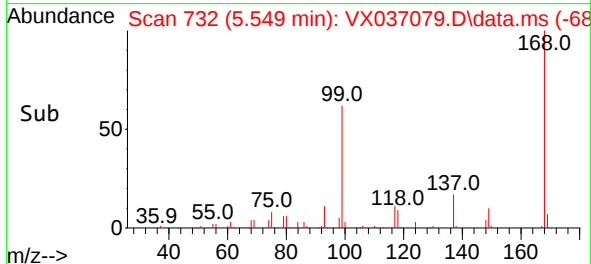
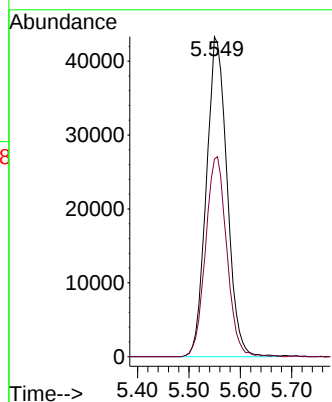


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.001 min
Lab File: VX037079.D
Acq: 18 Aug 2023 13:07

Instrument :
MSVOA_X
ClientSampleId :

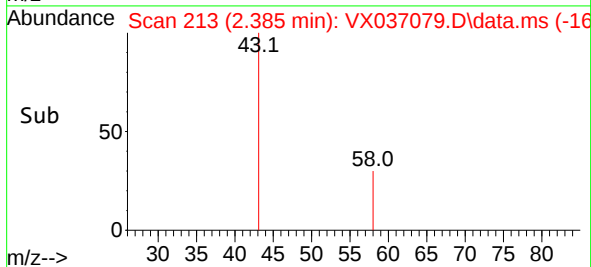
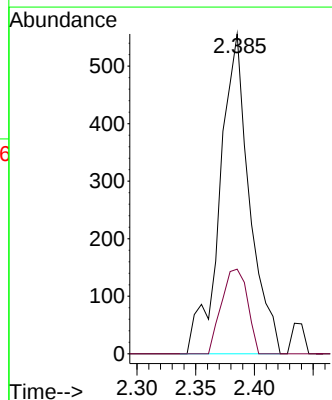
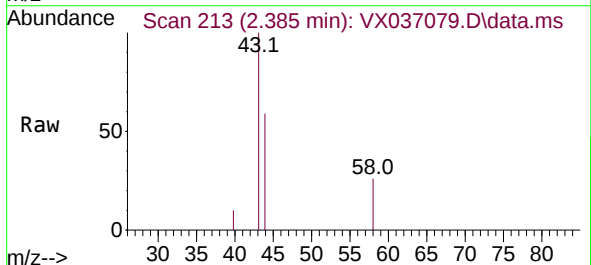


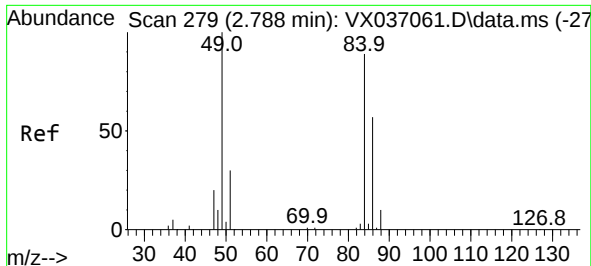
Tgt Ion:168 Resp: 120985
Ion Ratio Lower Upper
168 100
99 61.7 56.6 85.0



#16
Acetone
Concen: 1.430 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037079.D
Acq: 18 Aug 2023 13:07

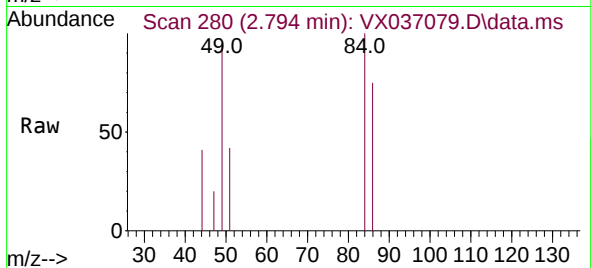
Tgt Ion: 43 Resp: 976
Ion Ratio Lower Upper
43 100
58 26.4 21.9 32.9



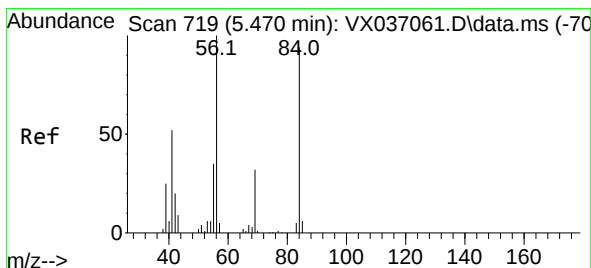
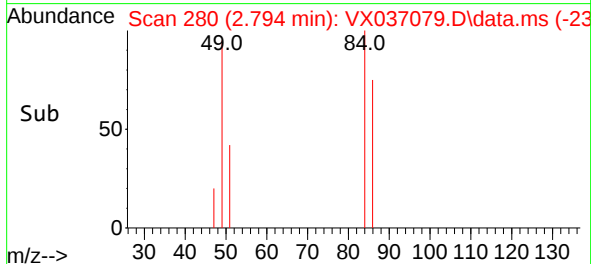
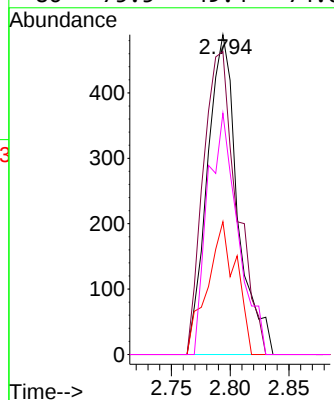


#20
Methylene Chloride
Concen: 0.577 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037079.D
Acq: 18 Aug 2023 13:07

Instrument :
MSVOA_X
ClientSampleId :

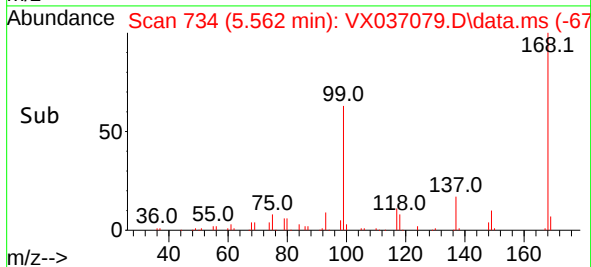
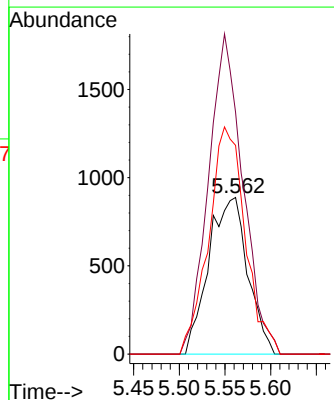
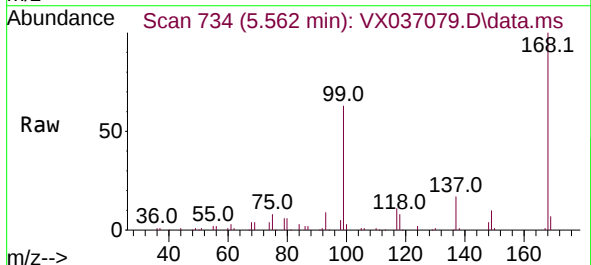


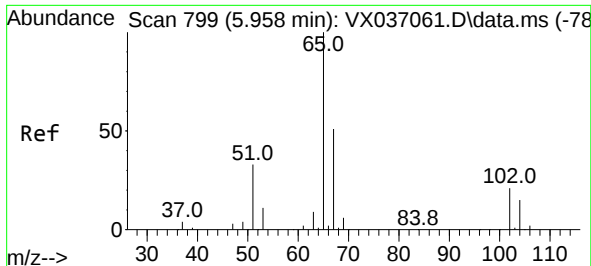
Tgt Ion:	84	Resp:	880
Ion	Ratio	Lower	Upper
84	100		
49	94.7	103.6	155.4#
51	41.5	33.8	50.6
86	75.5	49.4	74.0#



#31
Cyclohexane
Concen: 1.349 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX037079.D
Acq: 18 Aug 2023 13:07

Tgt Ion:	56	Resp:	2645
Ion	Ratio	Lower	Upper
56	100		
69	154.4	23.4	35.2#
84	133.3	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 48.385 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037079.D

Acq: 18 Aug 2023 13:07

Instrument :

MSVOA_X

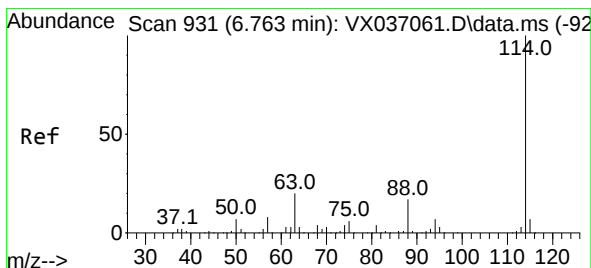
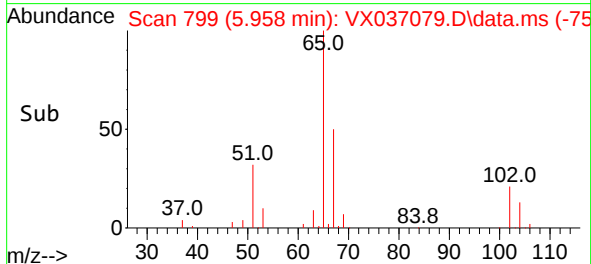
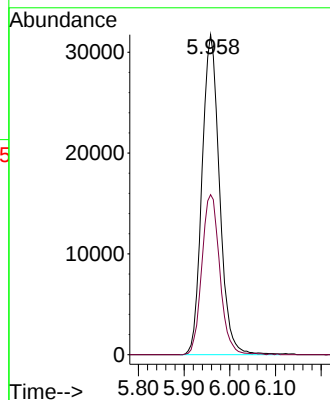
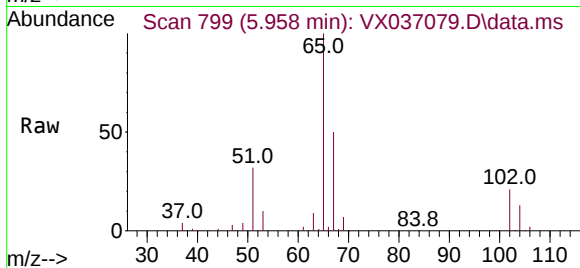
ClientSampleId :

Tgt Ion: 65 Resp: 84394

Ion Ratio Lower Upper

65 100

67 51.1 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: VX037079.D

Acq: 18 Aug 2023 13:07

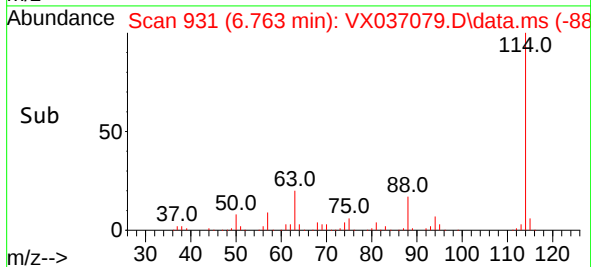
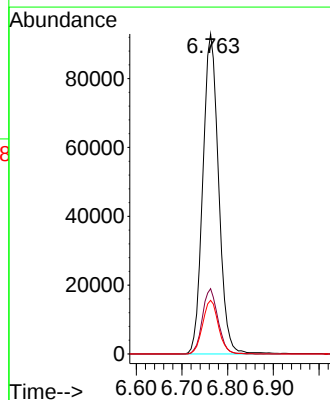
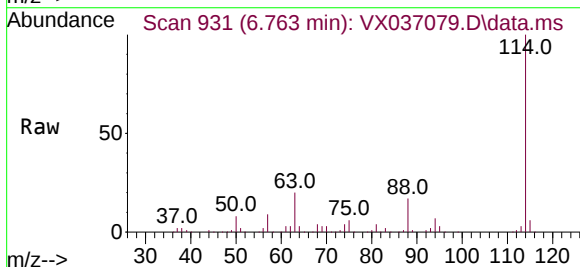
Tgt Ion: 114 Resp: 222446

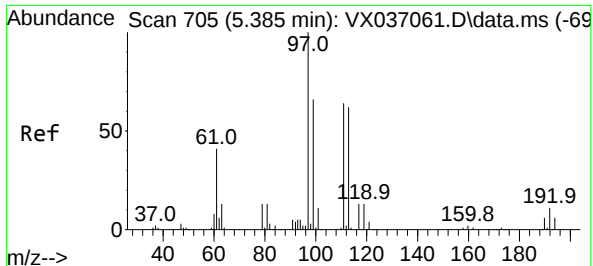
Ion Ratio Lower Upper

114 100

63 20.4 0.0 45.0

88 16.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.044 ug/l

RT: 5.391 min Scan# 707

Delta R.T. 0.006 min

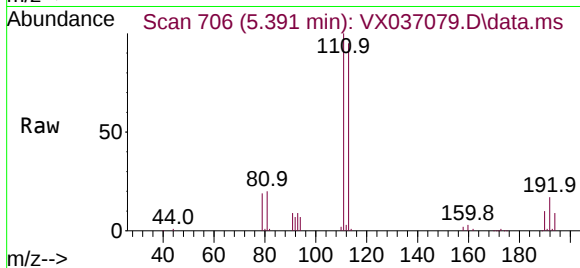
Lab File: VX037079.D

Acq: 18 Aug 2023 13:07

Instrument :

MSVOA_X

ClientSampleId :



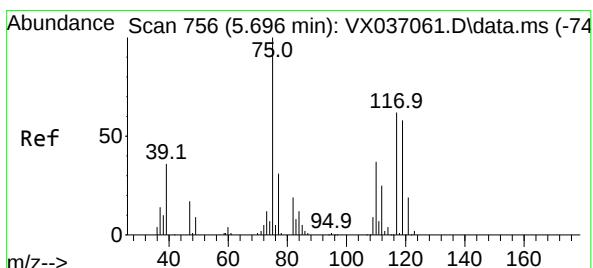
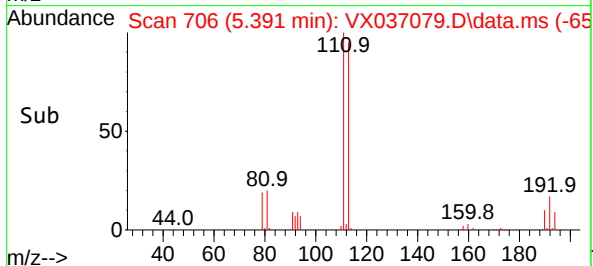
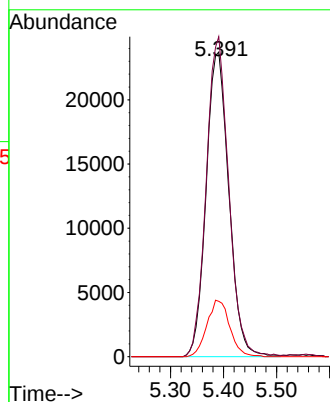
Tgt Ion:113 Resp: 70779

Ion Ratio Lower Upper

113 100

111 103.6 82.9 124.3

192 18.6 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.571 ug/l

RT: 5.555 min Scan# 733

Delta R.T. -0.141 min

Lab File: VX037079.D

Acq: 18 Aug 2023 13:07

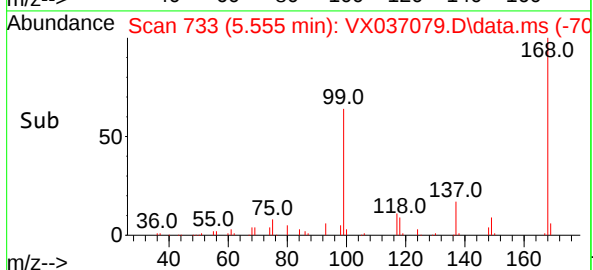
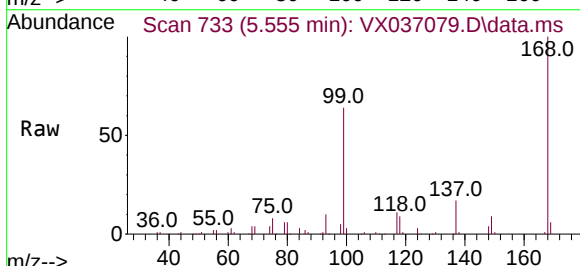
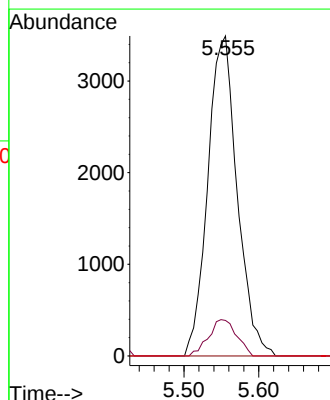
Tgt Ion: 75 Resp: 9567

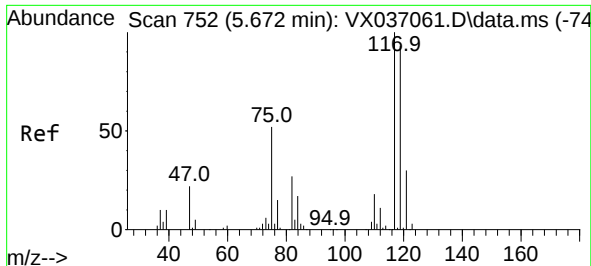
Ion Ratio Lower Upper

75 100

110 10.8 17.0 50.9#

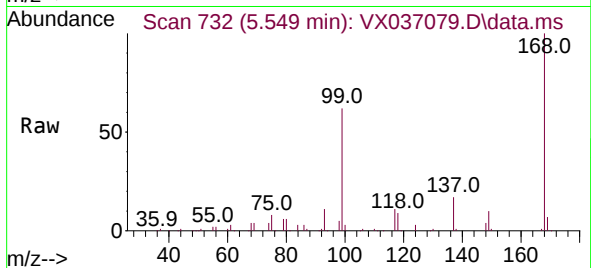
77 0.0 24.7 37.1#



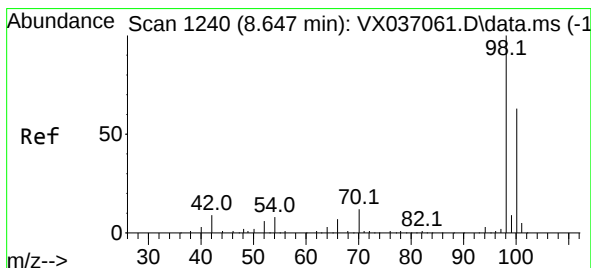
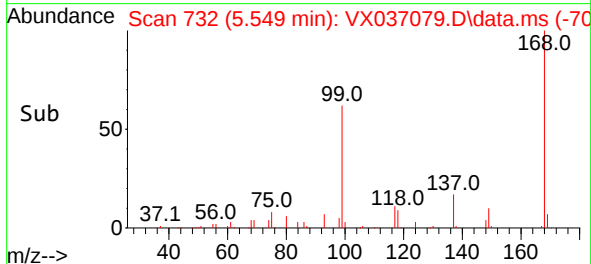
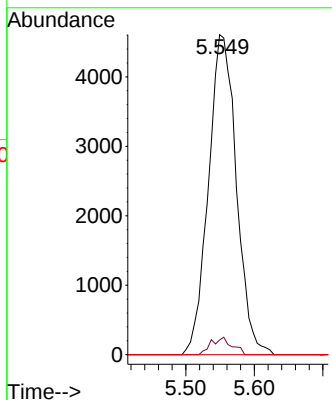


#38
Carbon Tetrachloride
Concen: 5.742 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037079.D
Acq: 18 Aug 2023 13:07

Instrument :
MSVOA_X
ClientSampleId :

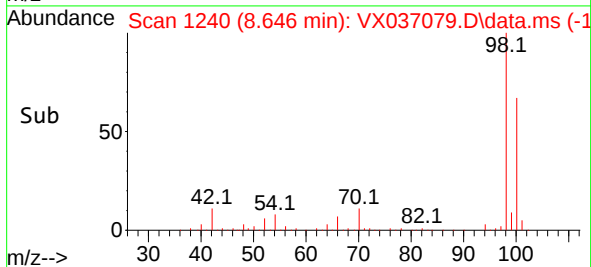
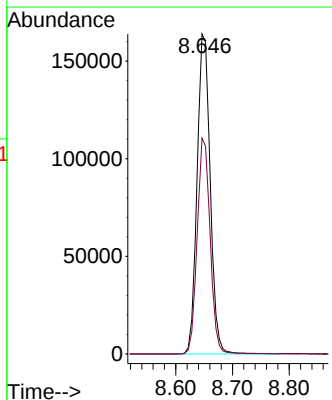
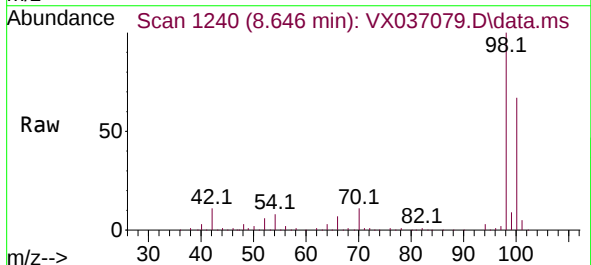


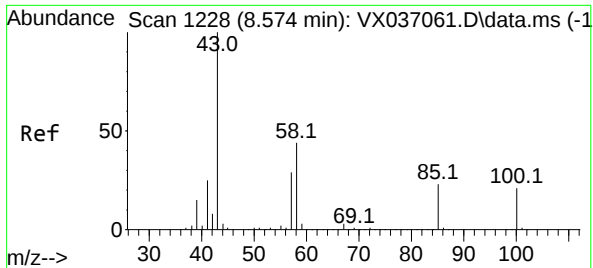
Tgt Ion:117 Resp: 13056
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.278 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037079.D
Acq: 18 Aug 2023 13:07

Tgt Ion: 98 Resp: 263334
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7

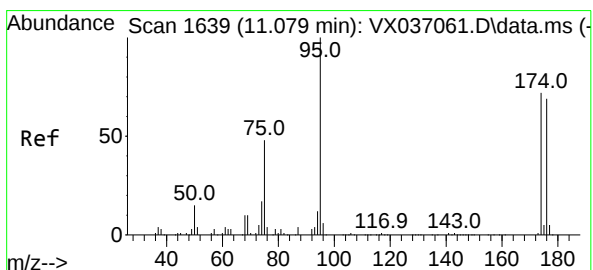
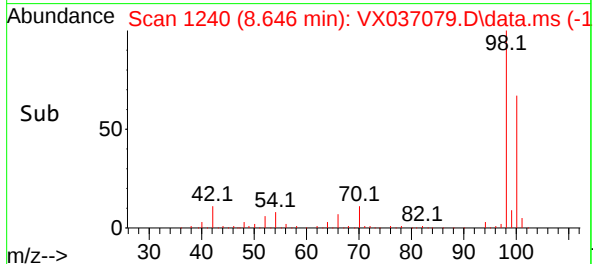
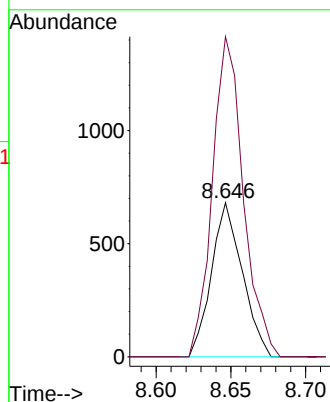
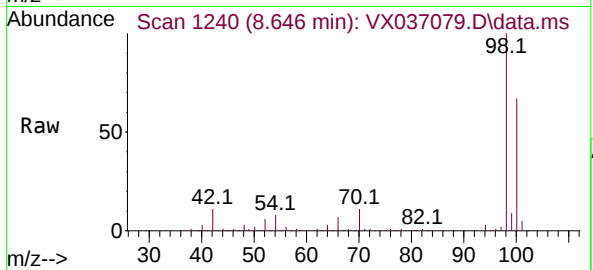




#51
4-Methyl-2-Pentanone
Concen: 0.474 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037079.D
Acq: 18 Aug 2023 13:07

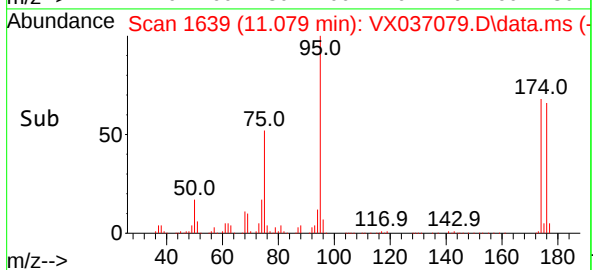
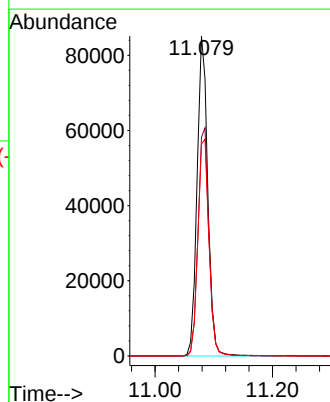
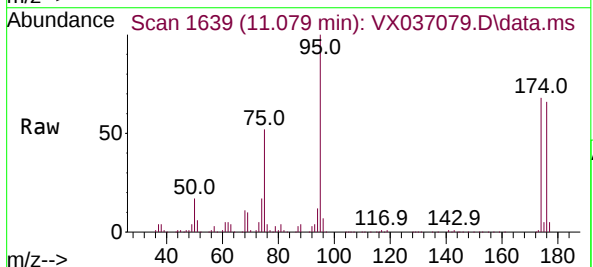
Instrument :
MSVOA_X
ClientSampleId :

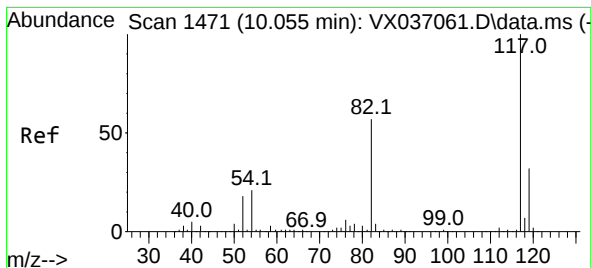
Tgt Ion: 43 Resp: 978
Ion Ratio Lower Upper
43 100
58 207.8 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 51.228 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037079.D
Acq: 18 Aug 2023 13:07

Tgt Ion: 95 Resp: 107583
Ion Ratio Lower Upper
95 100
174 72.2 0.0 135.6
176 70.6 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: VX037079.D

Acq: 18 Aug 2023 13:07

Instrument :

MSVOA_X

ClientSampleId :

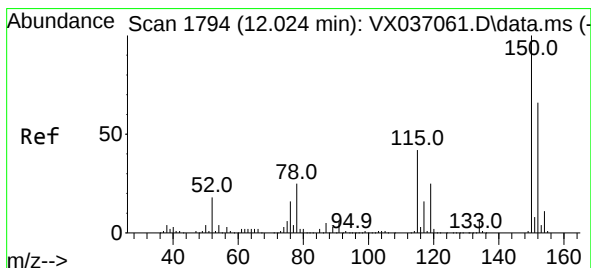
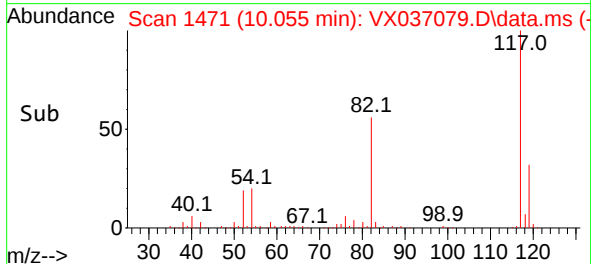
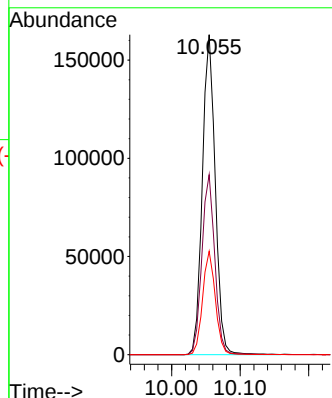
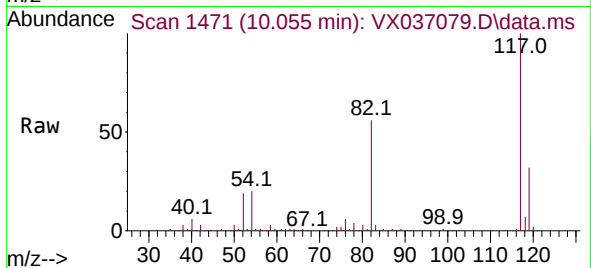
Tgt Ion:117 Resp: 213824

Ion Ratio Lower Upper

117 100

82 56.2 46.2 69.4

119 32.3 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: VX037079.D

Acq: 18 Aug 2023 13:07

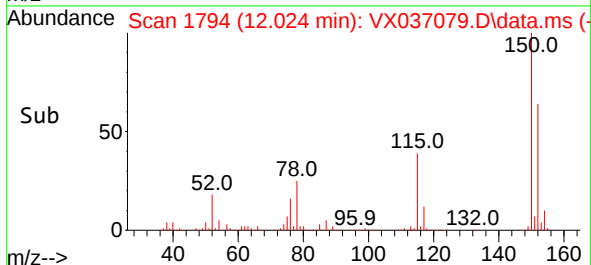
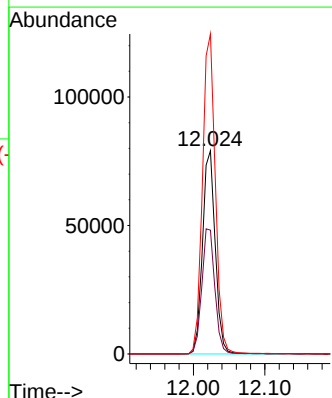
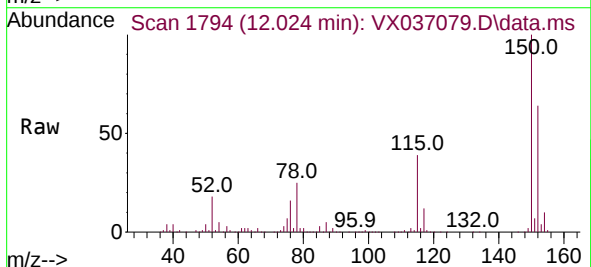
Tgt Ion:152 Resp: 97956

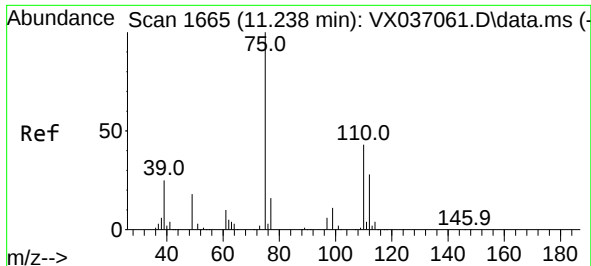
Ion Ratio Lower Upper

152 100

115 63.1 43.3 129.9

150 158.7 0.0 345.0

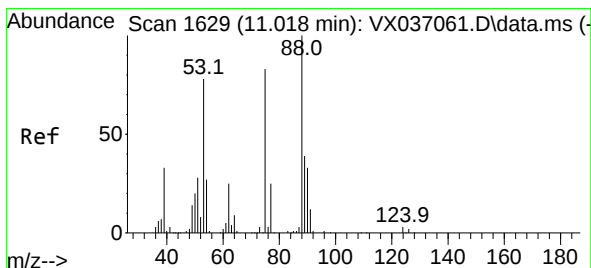
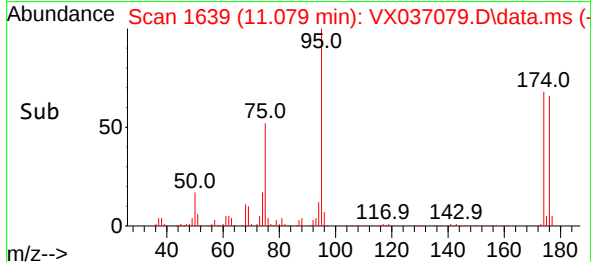
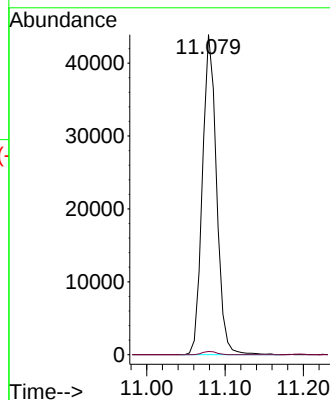
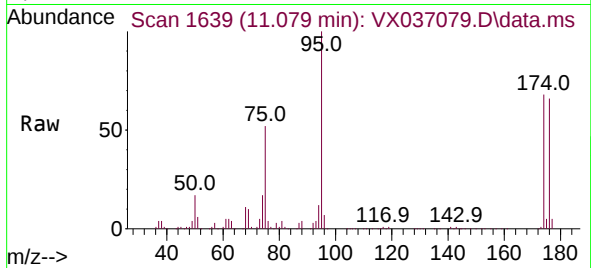




#76
1,2,3-Trichloropropane
Concen: 26.412 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037079.D
Acq: 18 Aug 2023 13:07

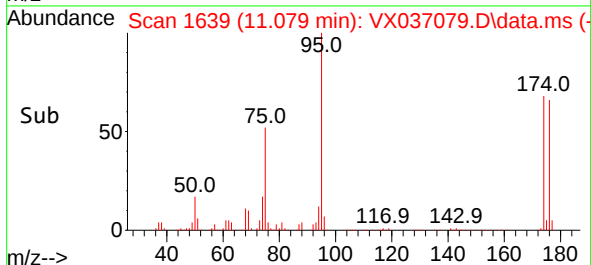
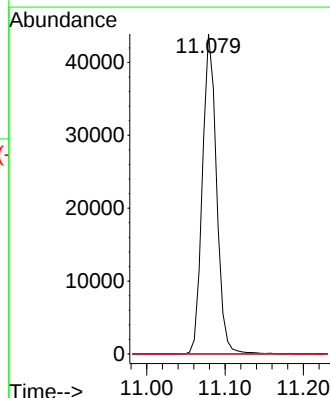
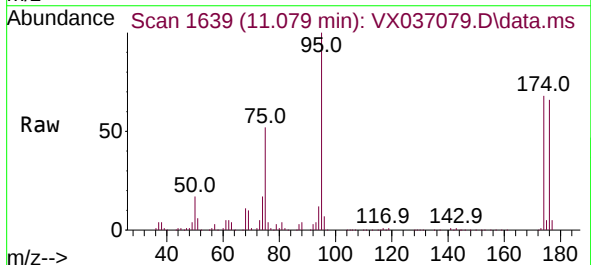
Instrument :
MSVOA_X
ClientSampleId :

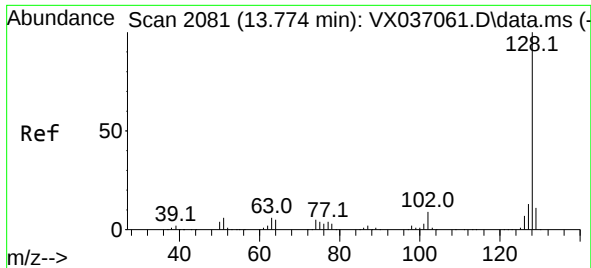
Tgt Ion: 75 Resp: 55099
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.770 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037079.D
Acq: 18 Aug 2023 13:07

Tgt Ion: 75 Resp: 55099
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#95

Naphthalene

Concen: 0.213 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

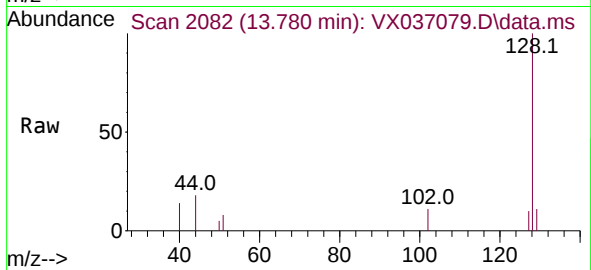
Lab File: VX037079.D

Acq: 18 Aug 2023 13:07

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 1743

Ion Ratio Lower Upper

128 100

127 11.9 10.3 15.5

129 8.7 8.8 13.2#

