

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
 Data File : VX036249.D
 Acq On : 20 Jun 2023 17:38
 Operator : JC/MD
 Sample : 03342-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50047

Quant Time: Jun 21 02:52:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

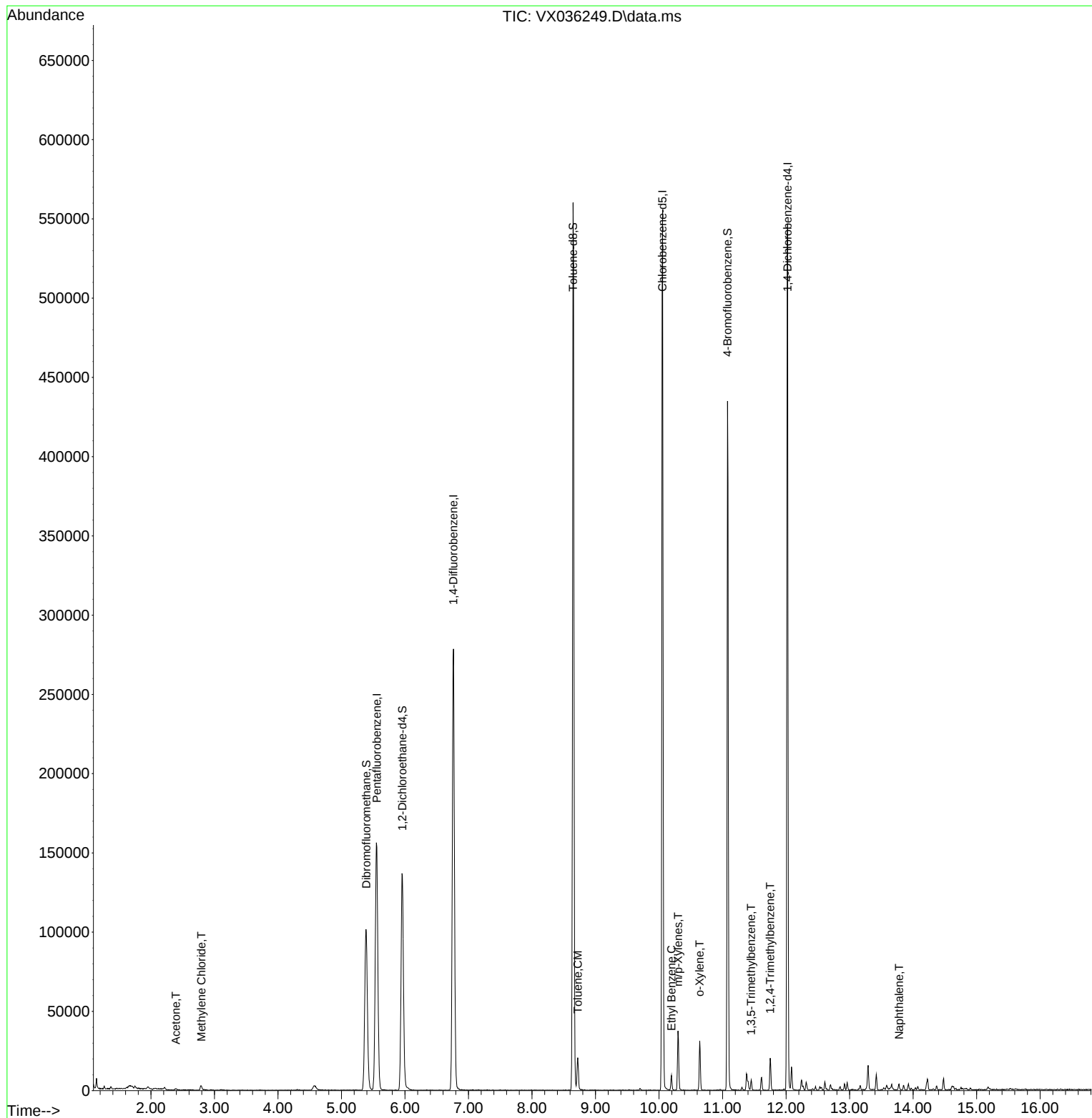
Internal Standards						
1) Pentafluorobenzene	5.556	168	135670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	264067	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135194	54.529	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.060%
35) Dibromofluoromethane	5.391	113	88850	49.618	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.240%
50) Toluene-d8	8.647	98	313673	47.888	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.780%
62) 4-Bromofluorobenzene	11.079	95	114140	43.169	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.340%
Target Compounds						
						Qvalue
16) Acetone	2.392	43	1323	1.284	ug/l	# 85
20) Methylene Chloride	2.794	84	1321	0.708	ug/l	93
52) Toluene	8.720	92	7096	1.528	ug/l	91
67) Ethyl Benzene	10.195	91	5016	0.585	ug/l	97
68) m/p-Xylenes	10.299	106	7799	2.411	ug/l	94
69) o-Xylene	10.640	106	6152	1.928	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	2790	0.421	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	8744	1.322	ug/l	96
95) Naphthalene	13.780	128	2748	0.411	ug/l	97

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

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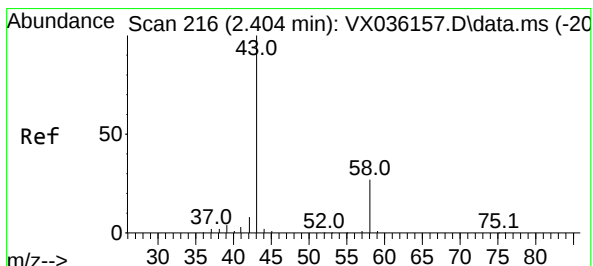
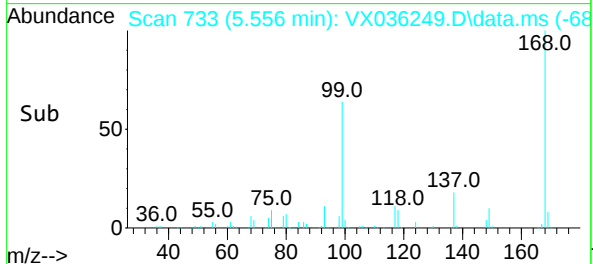
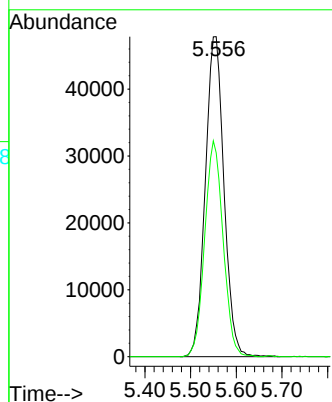
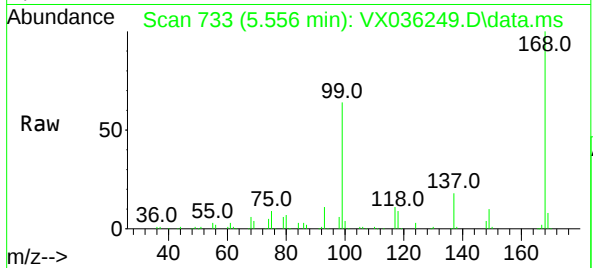




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036249.D
Acq: 20 Jun 2023 17:38

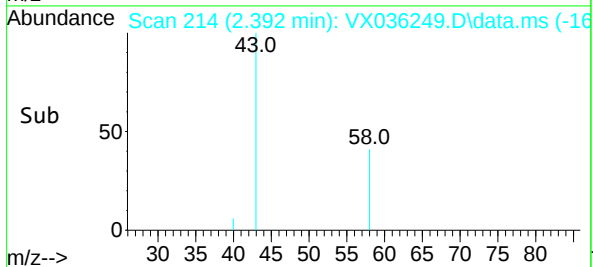
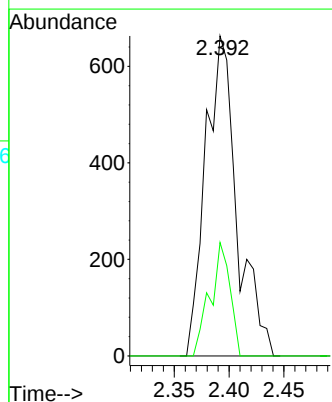
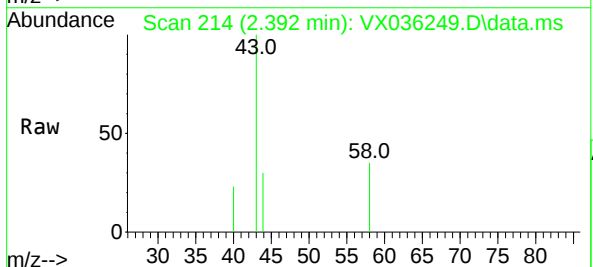
Instrument :
MSVOA_X
ClientSampleId :
50047

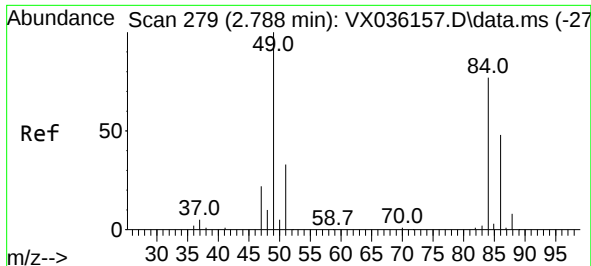
Tgt Ion:168 Resp: 135670
Ion Ratio Lower Upper
168 100
99 63.7 56.6 85.0



#16
Acetone
Concen: 1.284 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036249.D
Acq: 20 Jun 2023 17:38

Tgt Ion: 43 Resp: 1323
Ion Ratio Lower Upper
43 100
58 35.4 21.9 32.9#



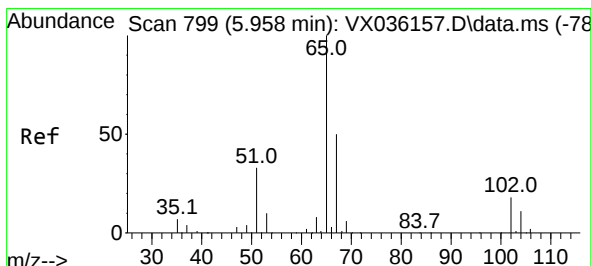
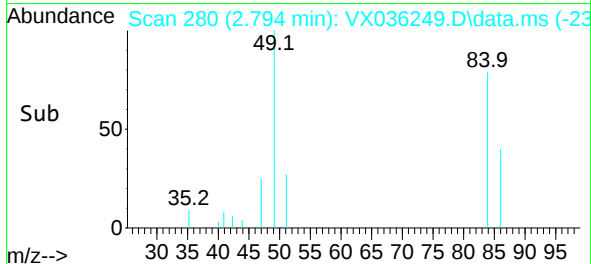
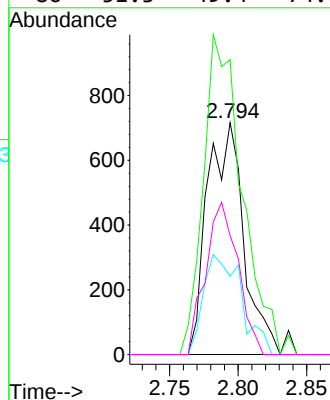
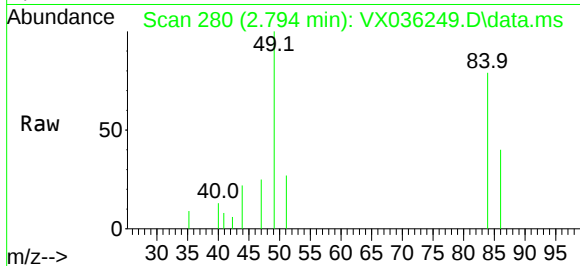


#20
Methylene Chloride
Concen: 0.708 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036249.D
Acq: 20 Jun 2023 17:38

Instrument :
MSVOA_X
ClientSampleId :
50047

Tgt Ion: 84 Resp: 1321

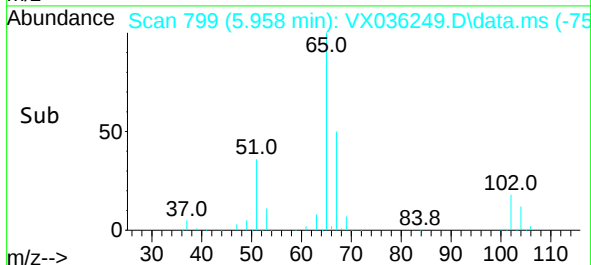
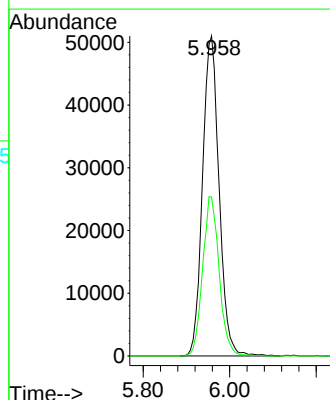
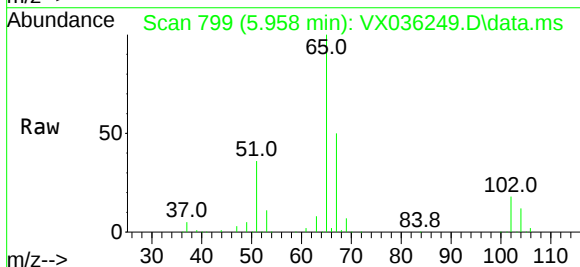
Ion	Ratio	Lower	Upper
84	100		
49	127.2	103.6	155.4
51	33.8	33.8	50.6
86	51.3	49.4	74.0

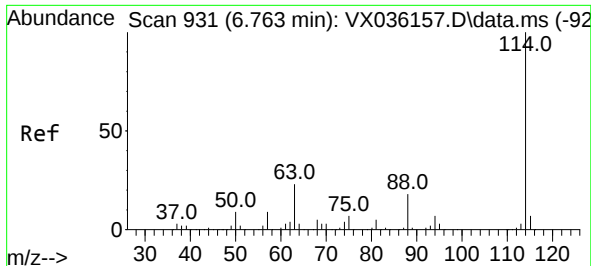


#33
1,2-Dichloroethane-d4
Concen: 54.529 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036249.D
Acq: 20 Jun 2023 17:38

Tgt Ion: 65 Resp: 135194

Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	100.2

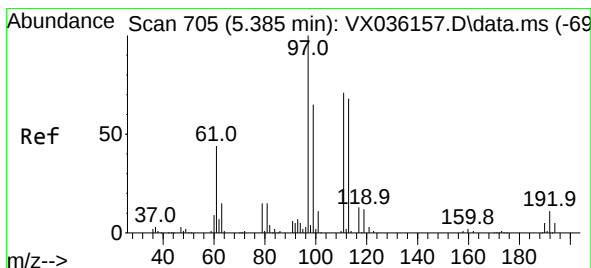
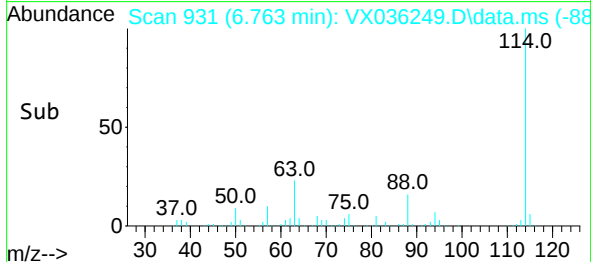
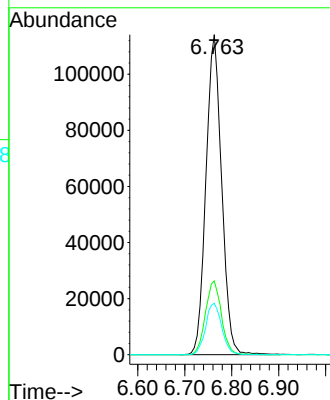
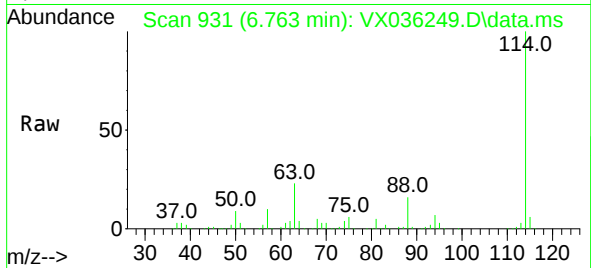




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036249.D
Acq: 20 Jun 2023 17:38

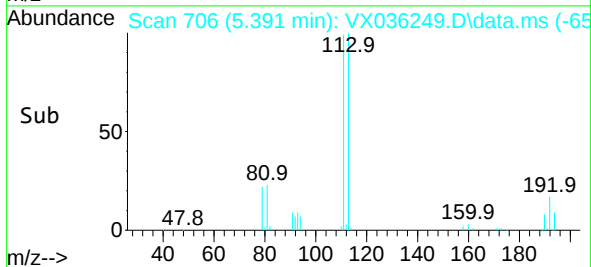
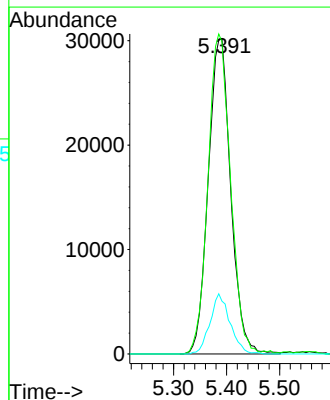
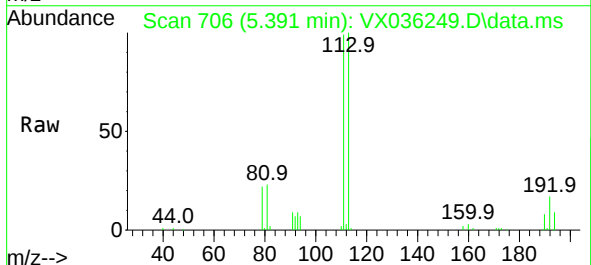
Instrument :
MSVOA_X
ClientSampleId :
50047

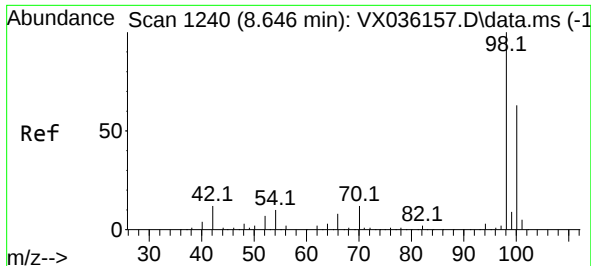
Tgt Ion:114 Resp: 264067
Ion Ratio Lower Upper
114 100
63 23.0 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.618 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036249.D
Acq: 20 Jun 2023 17:38

Tgt Ion:113 Resp: 88850
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 17.0 13.3 19.9





#50

Toluene-d8

Concen: 47.888 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX036249.D

Acq: 20 Jun 2023 17:38

Instrument :

MSVOA_X

ClientSampleId :

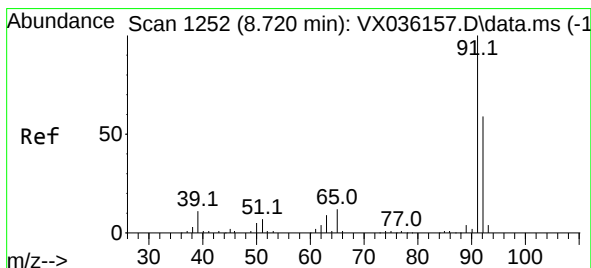
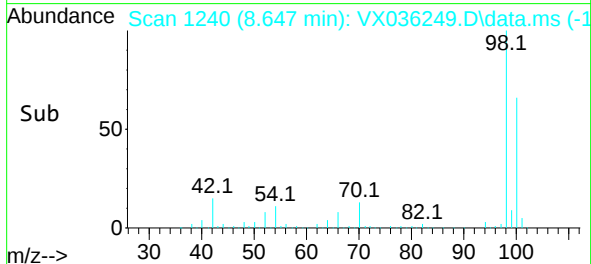
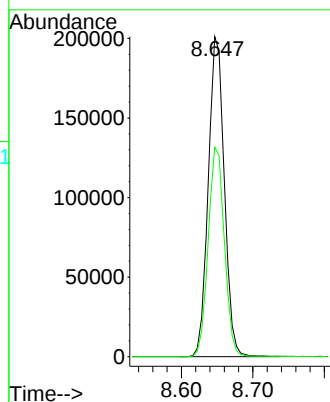
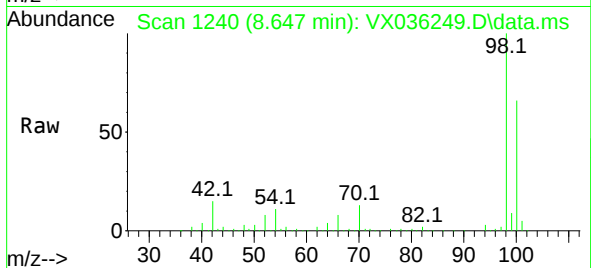
50047

Tgt Ion: 98 Resp: 313673

Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7



#52

Toluene

Concen: 1.528 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX036249.D

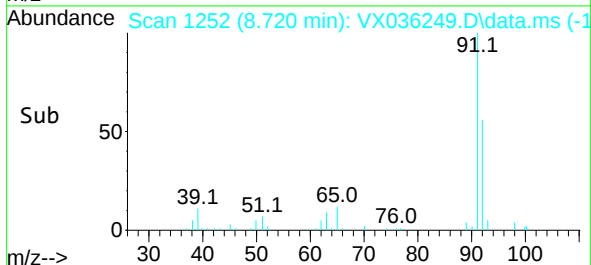
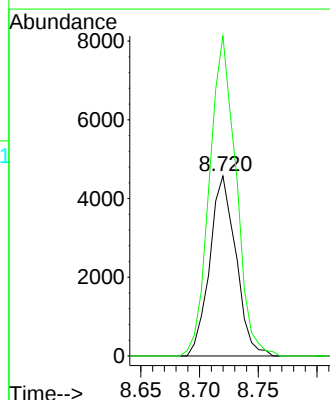
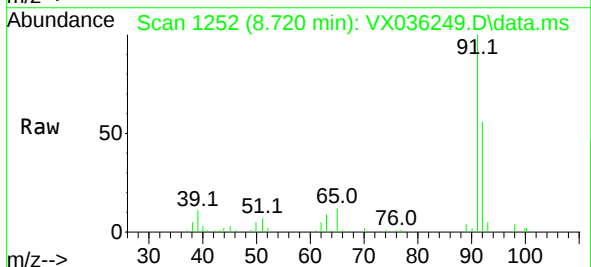
Acq: 20 Jun 2023 17:38

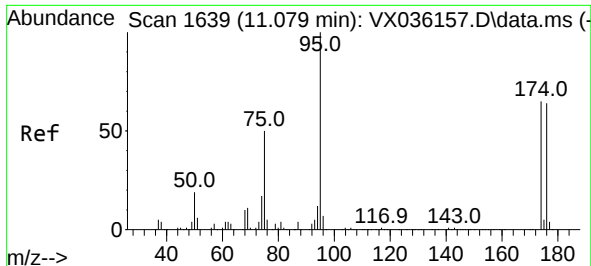
Tgt Ion: 92 Resp: 7096

Ion Ratio Lower Upper

92 100

91 180.1 134.2 201.2





#62

4-Bromofluorobenzene

Concen: 43.169 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036249.D

Acq: 20 Jun 2023 17:38

Instrument :

MSVOA_X

ClientSampleId :

50047

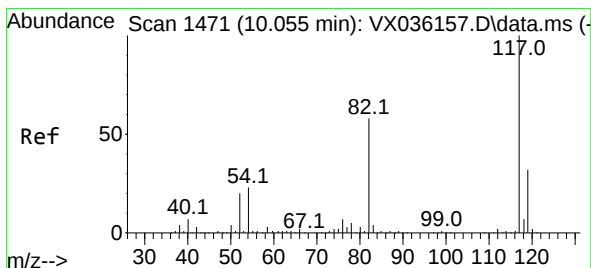
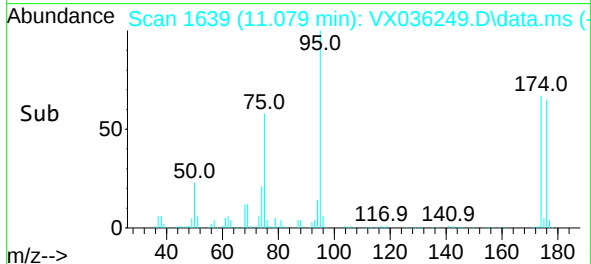
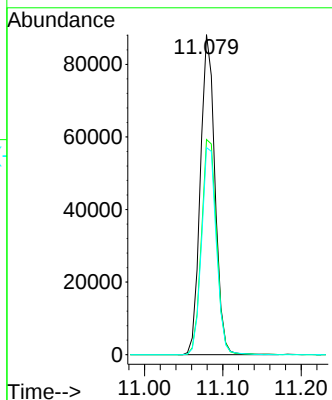
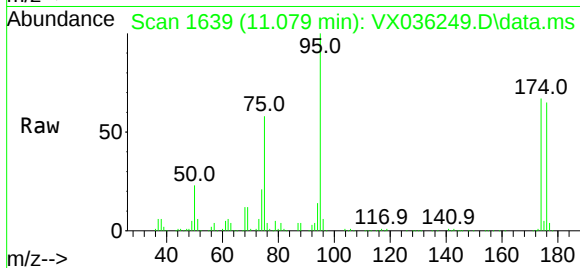
Tgt Ion: 95 Resp: 114140

Ion Ratio Lower Upper

95 100

174 69.5 0.0 135.6

176 66.0 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: VX036249.D

Acq: 20 Jun 2023 17:38

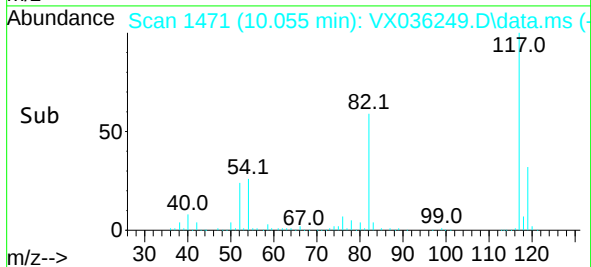
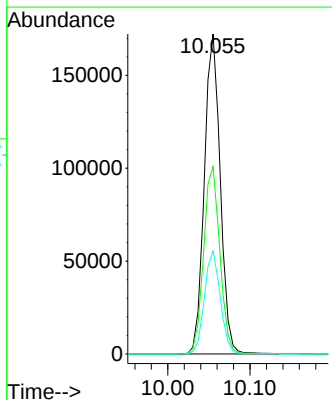
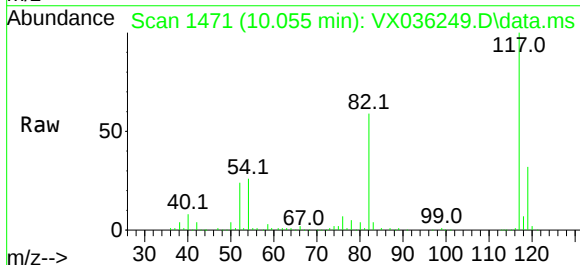
Tgt Ion: 117 Resp: 231653

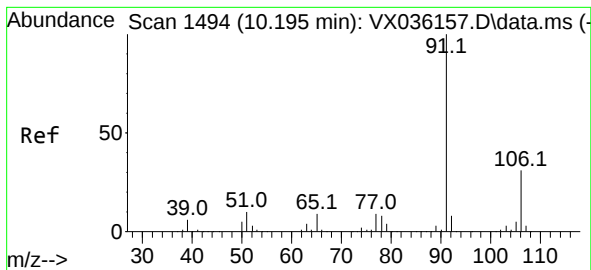
Ion Ratio Lower Upper

117 100

82 58.5 46.2 69.4

119 32.2 25.5 38.3





#67

Ethyl Benzene

Concen: 0.585 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX036249.D

Acq: 20 Jun 2023 17:38

Instrument :

MSVOA_X

ClientSampleId :

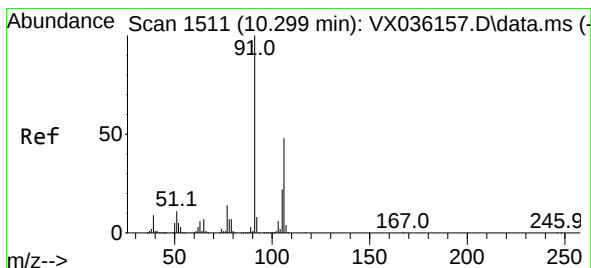
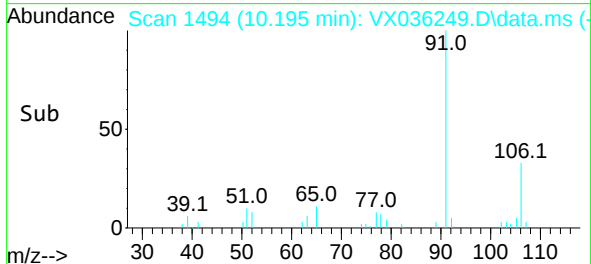
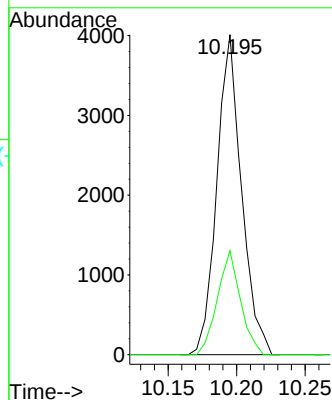
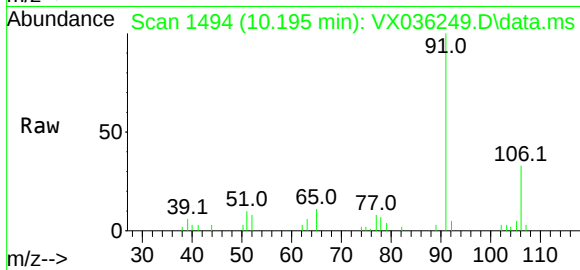
50047

Tgt Ion: 91 Resp: 5016

Ion Ratio Lower Upper

91 100

106 32.5 24.9 37.3



#68

m/p-Xylenes

Concen: 2.411 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX036249.D

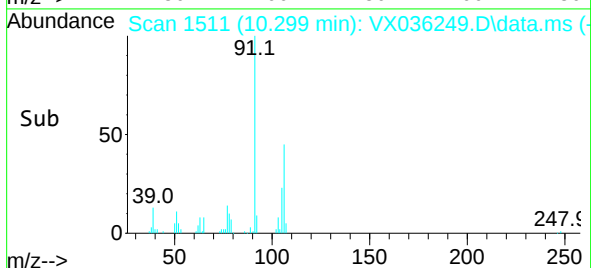
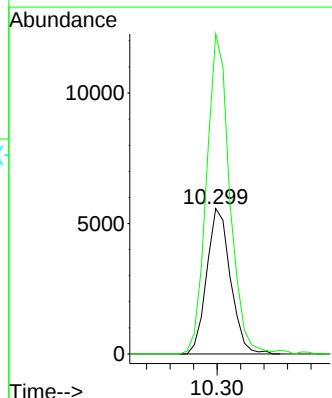
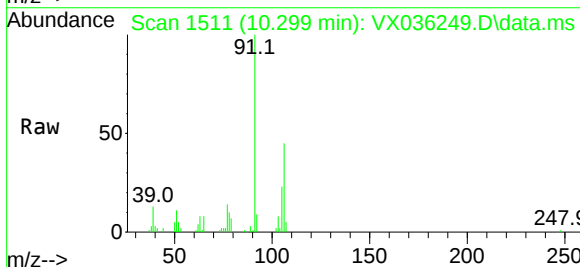
Acq: 20 Jun 2023 17:38

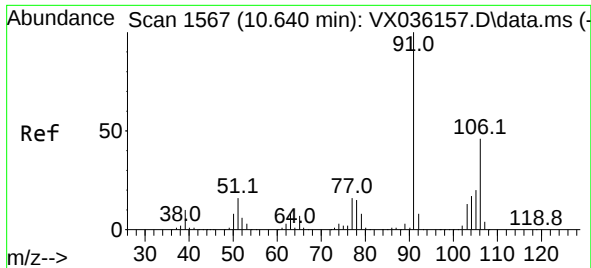
Tgt Ion: 106 Resp: 7799

Ion Ratio Lower Upper

106 100

91 216.6 165.5 248.3

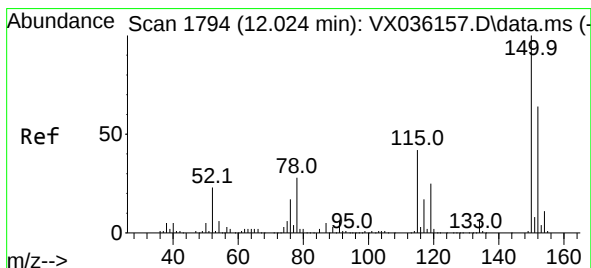
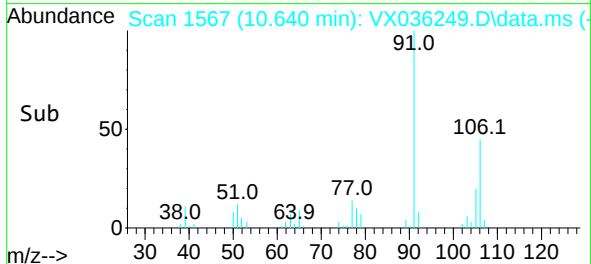
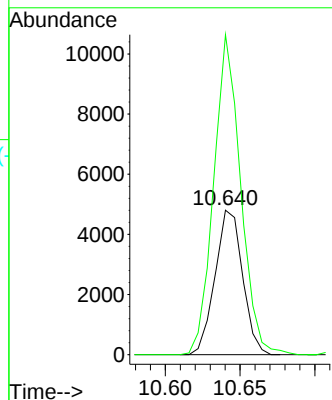
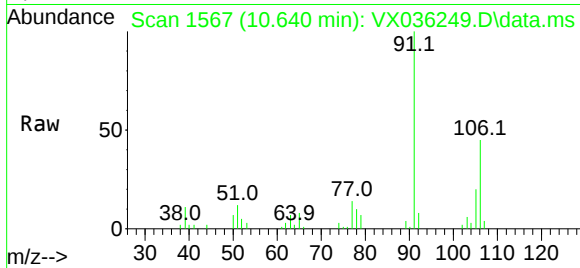




#69
o-Xylene
Concen: 1.928 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036249.D
Acq: 20 Jun 2023 17:38

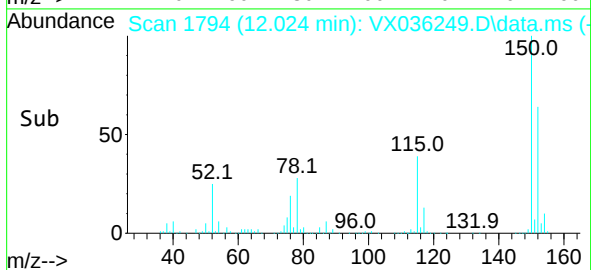
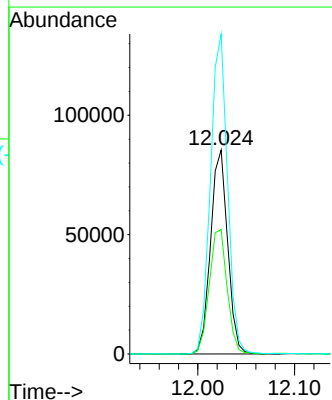
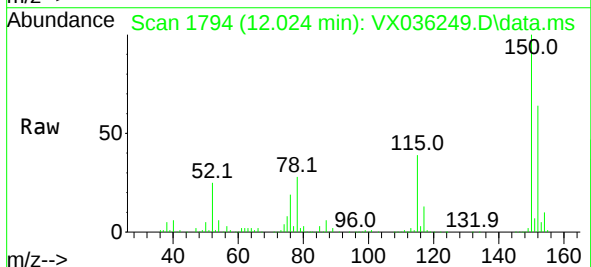
Instrument :
MSVOA_X
ClientSampleId :
50047

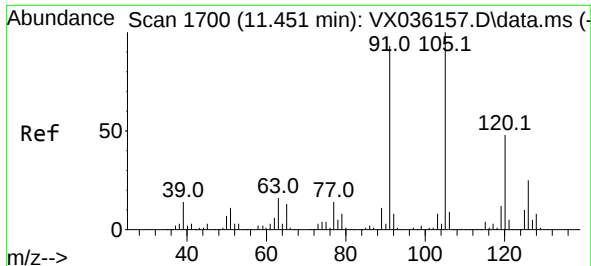
Tgt Ion:106 Resp: 6152
Ion Ratio Lower Upper
106 100
91 216.4 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036249.D
Acq: 20 Jun 2023 17:38

Tgt Ion:152 Resp: 104972
Ion Ratio Lower Upper
152 100
115 64.0 43.3 129.9
150 156.8 0.0 345.0

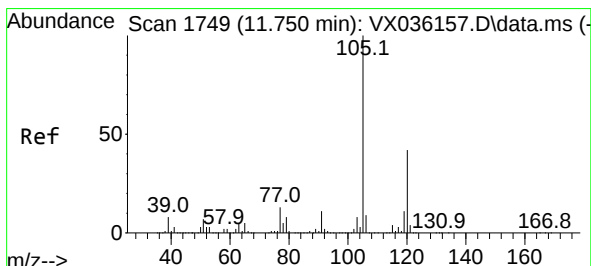
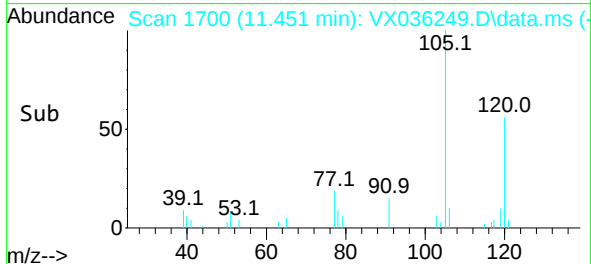
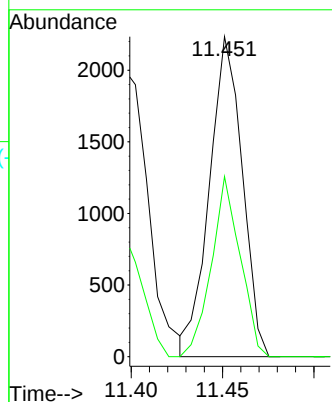
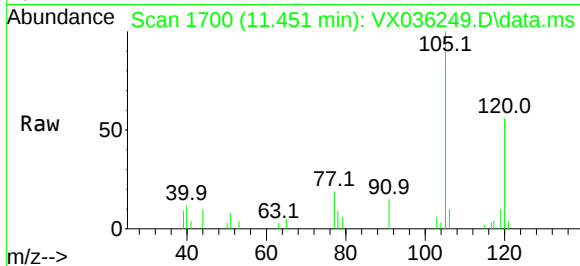




#80
 1,3,5-Trimethylbenzene
 Concen: 0.421 ug/l
 RT: 11.451 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036249.D
 Acq: 20 Jun 2023 17:38

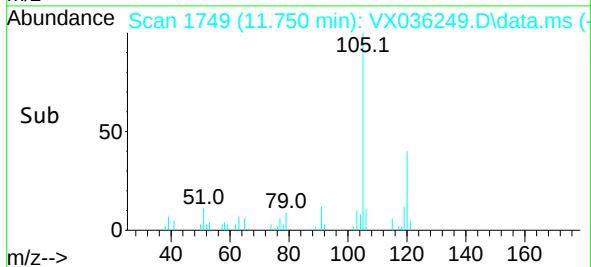
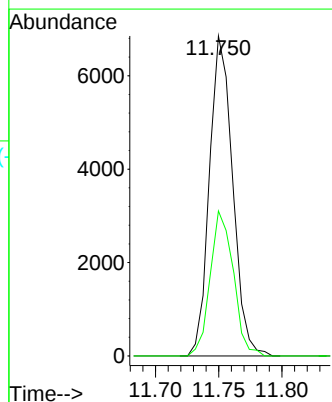
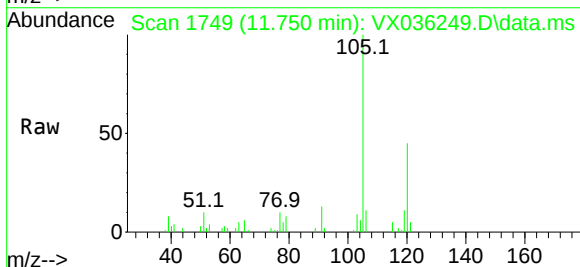
Instrument :
 MSVOA_X
 ClientSampleId :
 50047

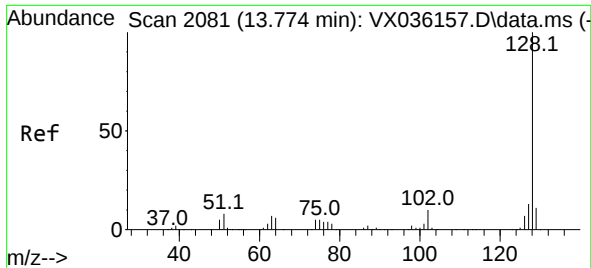
Tgt Ion:105 Resp: 2790
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.1 72.3



#84
 1,2,4-Trimethylbenzene
 Concen: 1.322 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX036249.D
 Acq: 20 Jun 2023 17:38

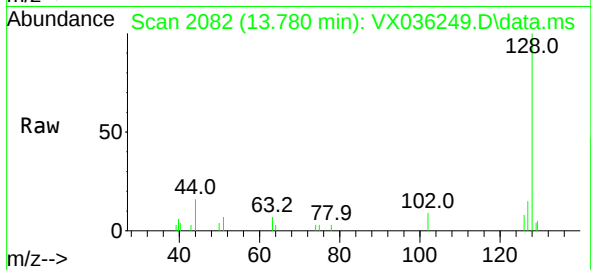
Tgt Ion:105 Resp: 8744
 Ion Ratio Lower Upper
 105 100
 120 45.1 21.2 63.6





#95
Naphthalene
Concen: 0.411 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX036249.D
Acq: 20 Jun 2023 17:38

Instrument :
MSVOA_X
ClientSampleId :
50047



Tgt Ion:	128	Resp:	2748
Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.3	15.5
129	10.4	8.8	13.2

