

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062624\
 Data File : VX042061.D
 Acq On : 26 Jun 2024 18:22
 Operator : JC/MD
 Sample : P3073-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW11-20240625

Quant Time: Jun 27 08:57:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

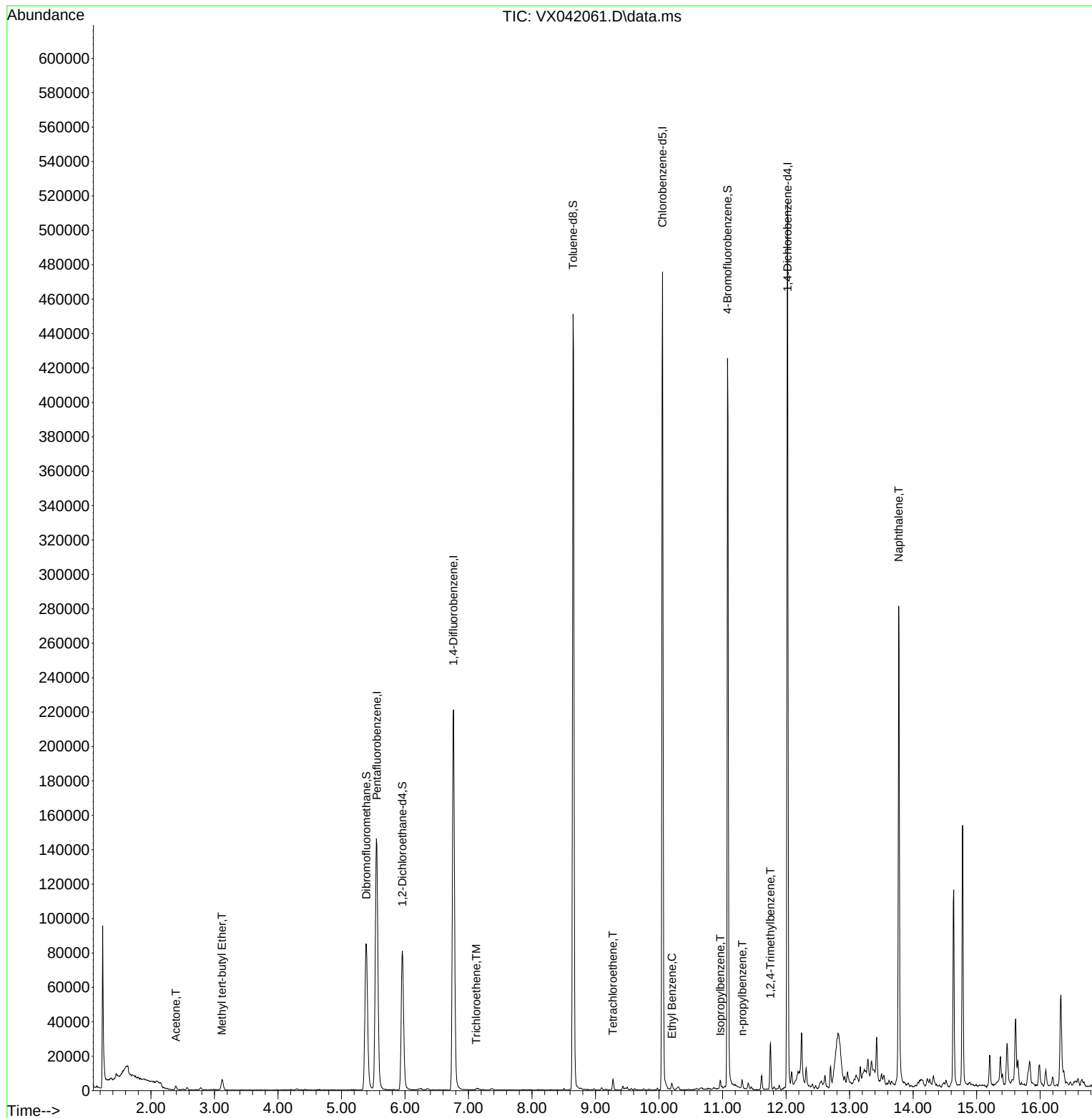
Internal Standards						
1) Pentafluorobenzene	5.556	168	165890	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	250099	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77582	40.557	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.120%
35) Dibromofluoromethane	5.391	113	76811	43.284	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.560%
50) Toluene-d8	8.647	98	286309	45.925	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.860%#
62) 4-Bromofluorobenzene	11.079	95	112172	48.811	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.620%
Target Compounds						
						Qvalue
16) Acetone	2.392	43	2580	3.072	ug/l	# 86
19) Methyl tert-butyl Ether	3.117	73	7116	1.505	ug/l	98
44) Trichloroethene	7.123	130	476	0.279	ug/l	92
64) Tetrachloroethene	9.275	164	1441	0.823	ug/l	# 80
67) Ethyl Benzene	10.201	91	2518	0.321	ug/l	93
73) Isopropylbenzene	10.963	105	2877	0.378	ug/l	95
78) n-propylbenzene	11.311	91	3327	0.402	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	13505	2.121	ug/l	94
95) Naphthalene	13.774	128	194317	22.048	ug/l	99

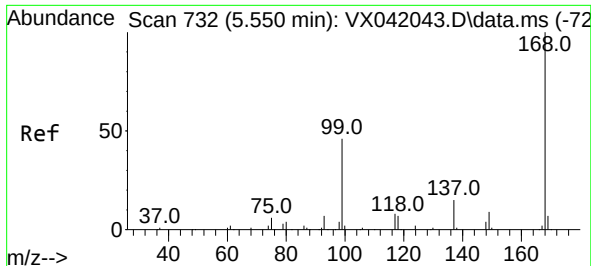
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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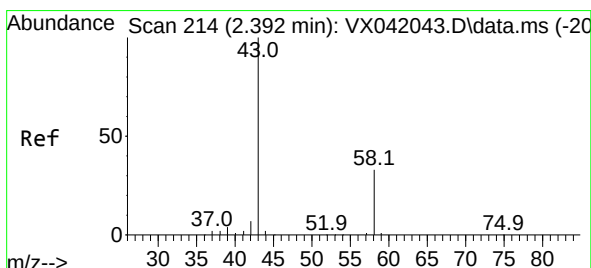
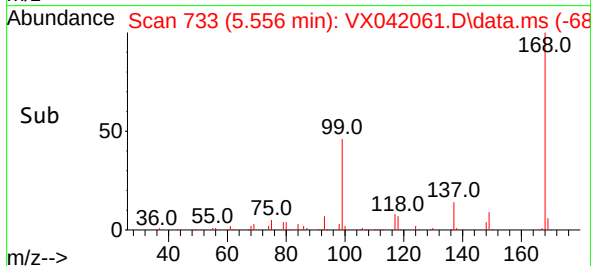
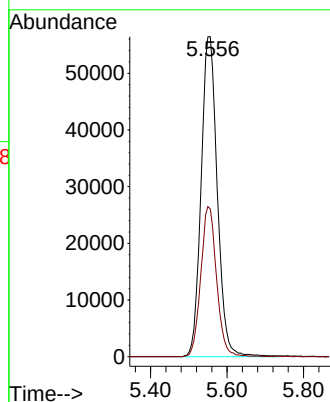
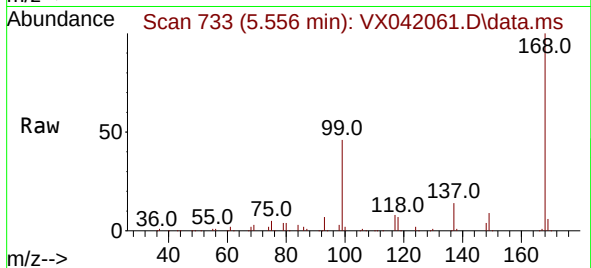




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX042061.D
Acq: 26 Jun 2024 18:22

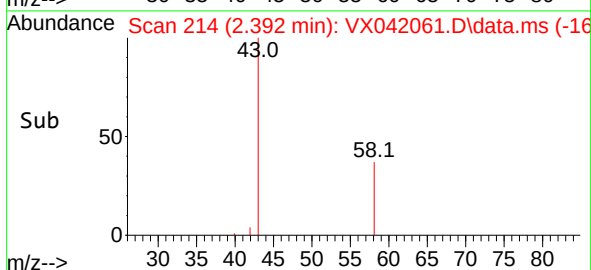
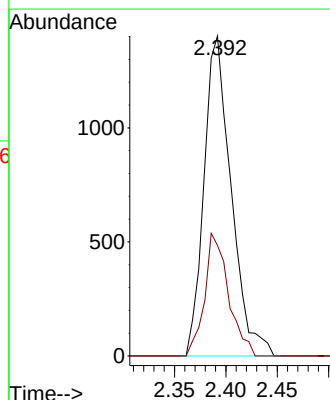
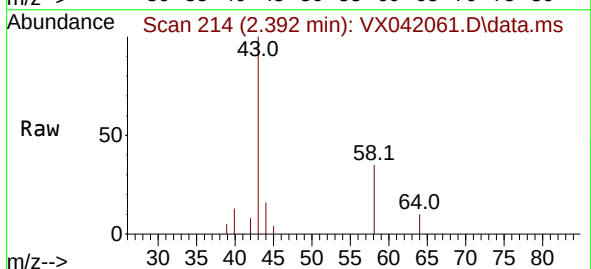
Instrument :
MSVOA_X
ClientSampleId :
MW11-20240625

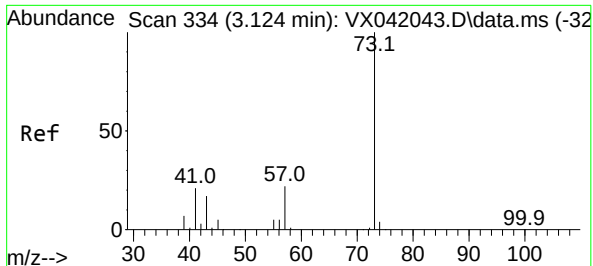
Tgt Ion:168 Resp: 165890
Ion Ratio Lower Upper
168 100
99 46.1 56.6 85.0#



#16
Acetone
Concen: 3.072 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042061.D
Acq: 26 Jun 2024 18:22

Tgt Ion: 43 Resp: 2580
Ion Ratio Lower Upper
43 100
58 34.6 21.9 32.9#

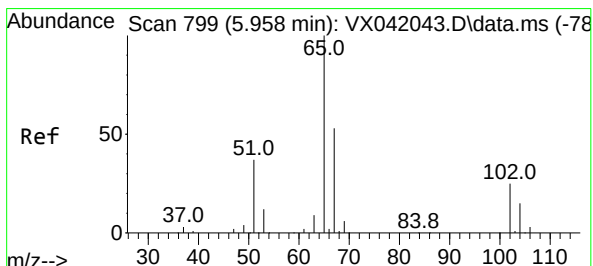
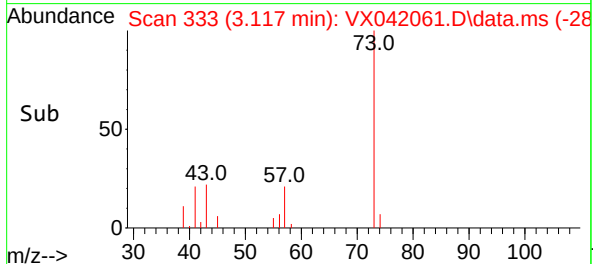
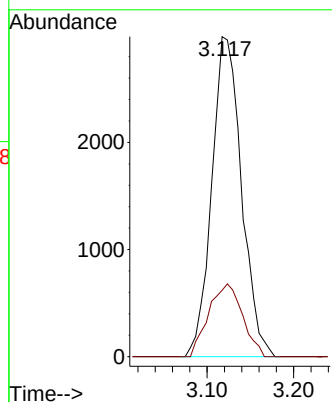
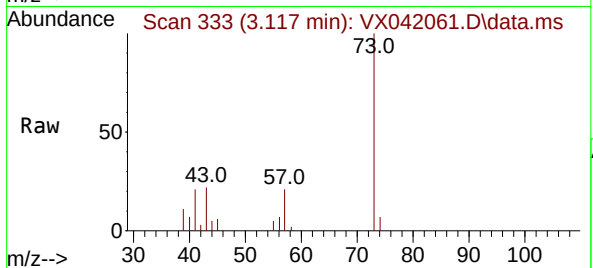




#19
Methyl tert-butyl Ether
Concen: 1.505 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX042061.D
Acq: 26 Jun 2024 18:22

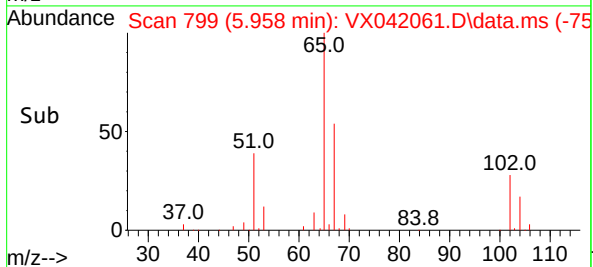
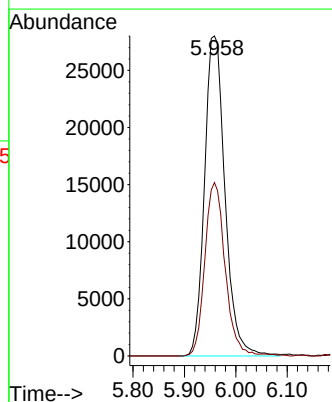
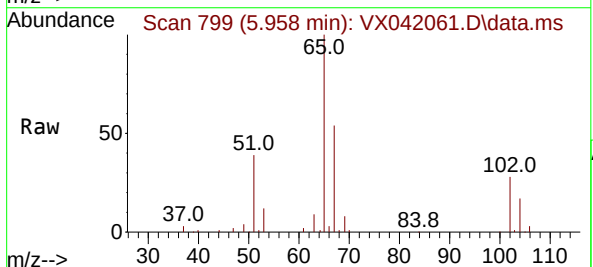
Instrument :
MSVOA_X
ClientSampleId :
MW11-20240625

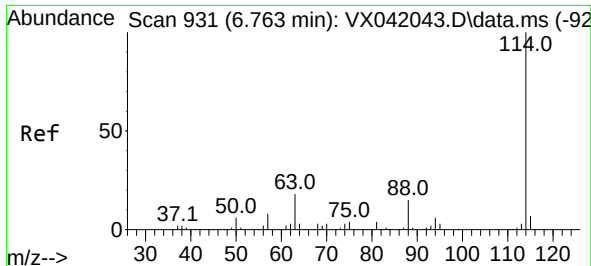
Tgt Ion: 73 Resp: 7116
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9



#33
1,2-Dichloroethane-d4
Concen: 40.557 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042061.D
Acq: 26 Jun 2024 18:22

Tgt Ion: 65 Resp: 77582
Ion Ratio Lower Upper
65 100
67 53.8 0.0 100.2

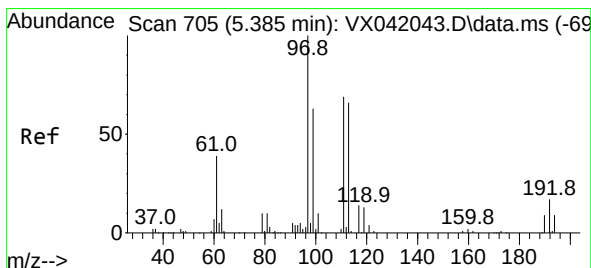
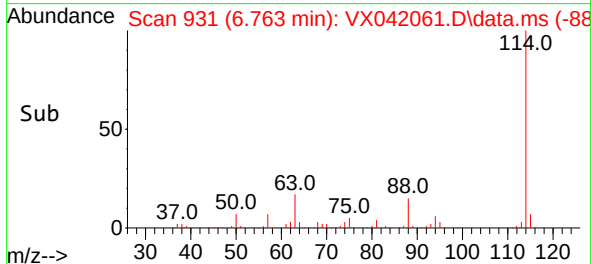
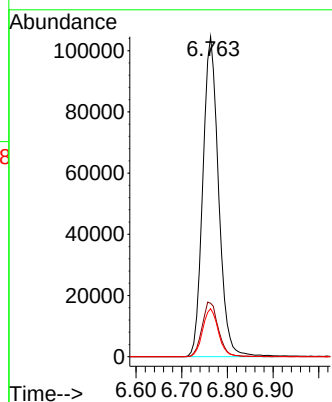
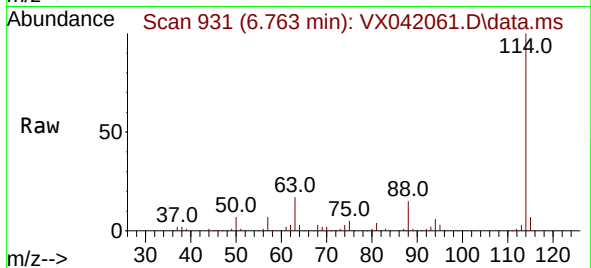




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX042061.D
Acq: 26 Jun 2024 18:22

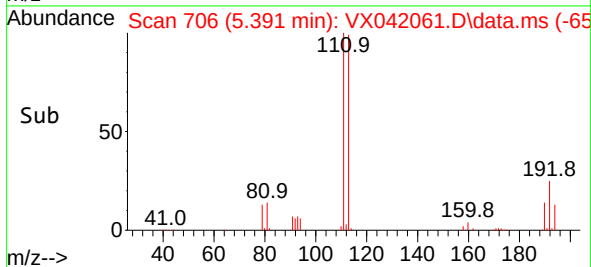
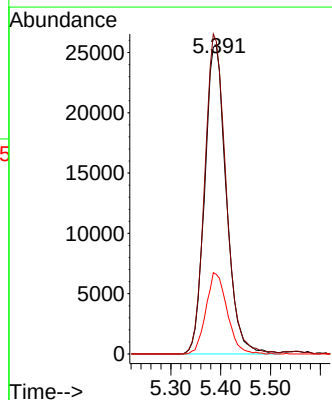
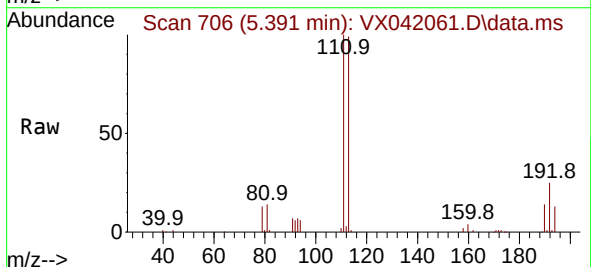
Instrument :
MSVOA_X
ClientSampleId :
MW11-20240625

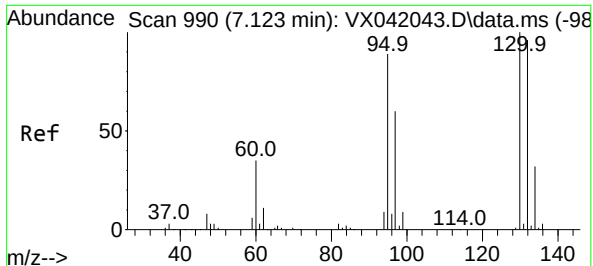
Tgt Ion:114 Resp: 250099
Ion Ratio Lower Upper
114 100
63 16.7 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.284 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX042061.D
Acq: 26 Jun 2024 18:22

Tgt Ion:113 Resp: 76811
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 25.9 13.3 19.9#

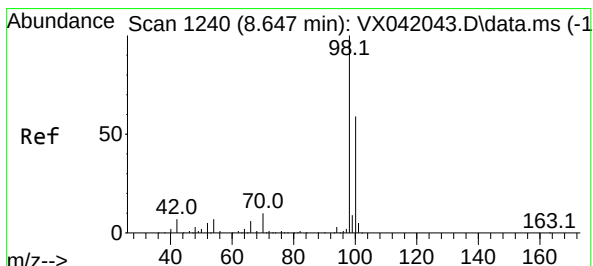
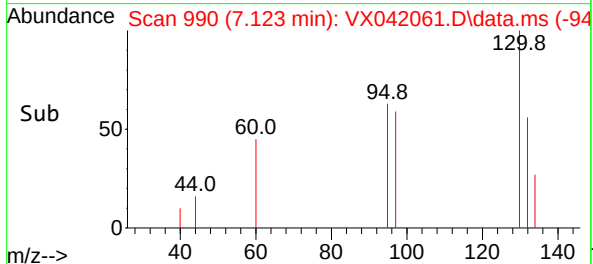
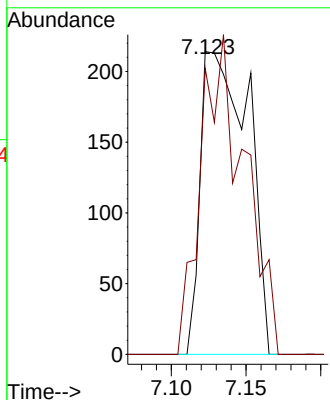
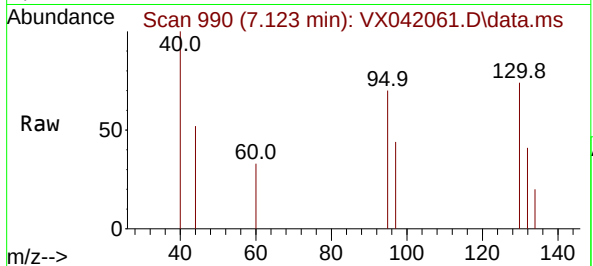




#44
Trichloroethene
Concen: 0.279 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX042061.D
Acq: 26 Jun 2024 18:22

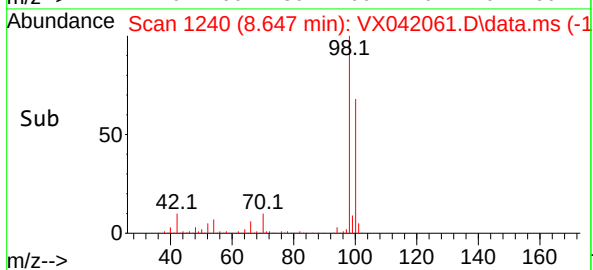
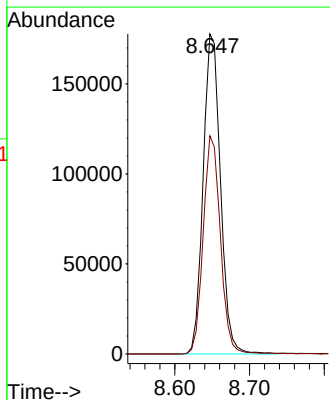
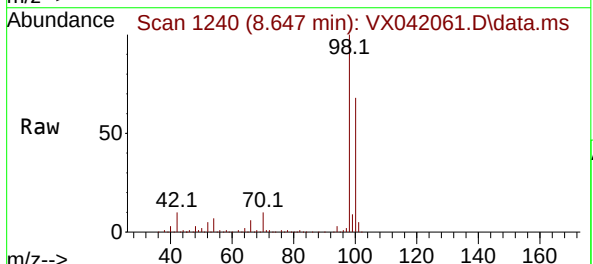
Instrument :
MSVOA_X
ClientSampleId :
MW11-20240625

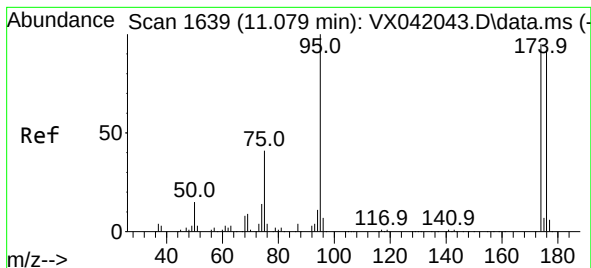
Tgt Ion:130 Resp: 476
Ion Ratio Lower Upper
130 100
95 94.4 0.0 204.4



#50
Toluene-d8
Concen: 45.925 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042061.D
Acq: 26 Jun 2024 18:22

Tgt Ion: 98 Resp: 286309
Ion Ratio Lower Upper
98 100
100 67.6 53.1 79.7

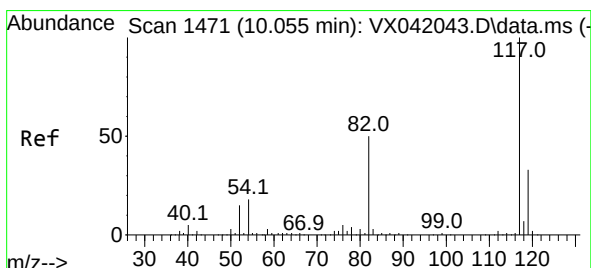
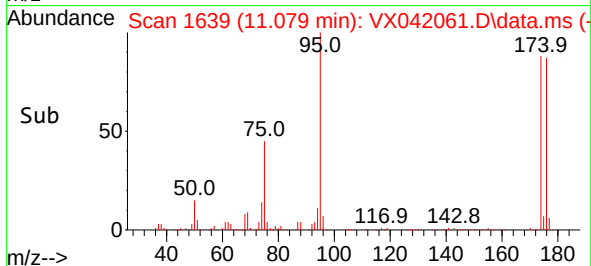
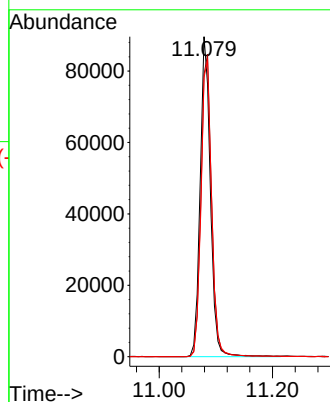
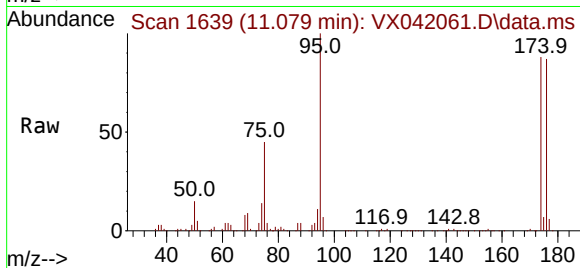




#62
4-Bromofluorobenzene
Concen: 48.811 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX042061.D
Acq: 26 Jun 2024 18:22

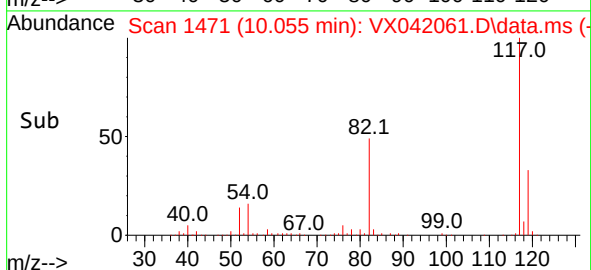
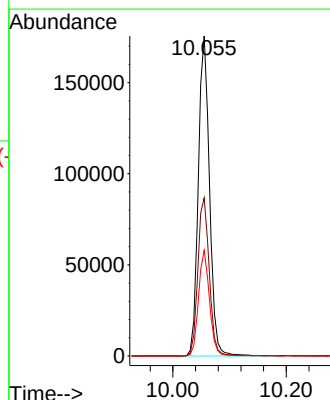
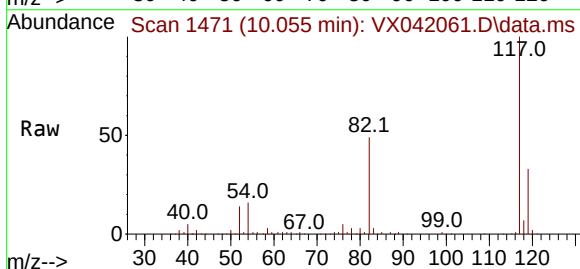
Instrument :
MSVOA_X
ClientSampleId :
MW11-20240625

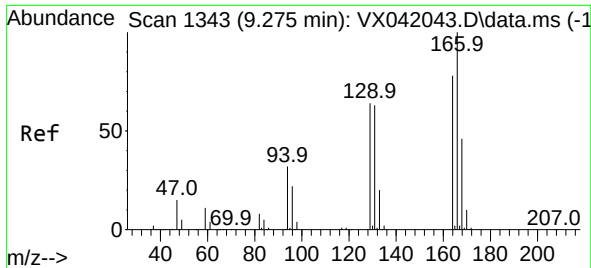
Tgt Ion: 95 Resp: 112172
Ion Ratio Lower Upper
95 100
174 97.8 0.0 135.6
176 96.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042061.D
Acq: 26 Jun 2024 18:22

Tgt Ion: 117 Resp: 240433
Ion Ratio Lower Upper
117 100
82 49.4 46.2 69.4
119 33.0 25.5 38.3



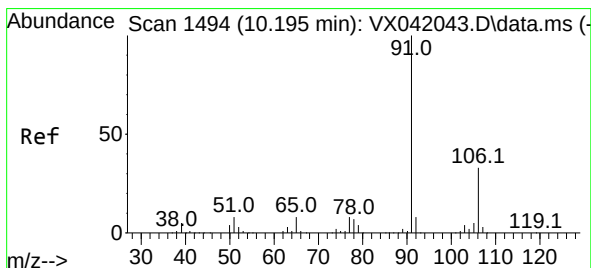
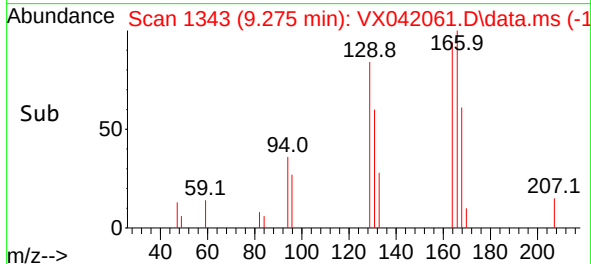
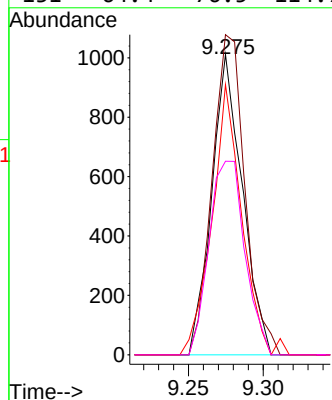
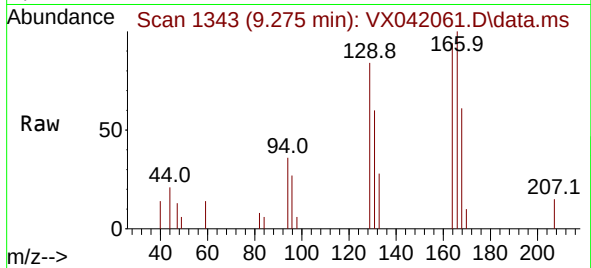


#64
Tetrachloroethene
Concen: 0.823 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042061.D
Acq: 26 Jun 2024 18:22

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:164 Resp: 1441

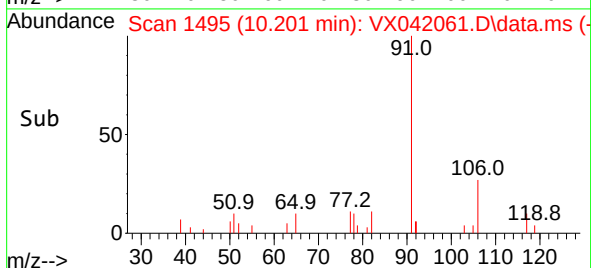
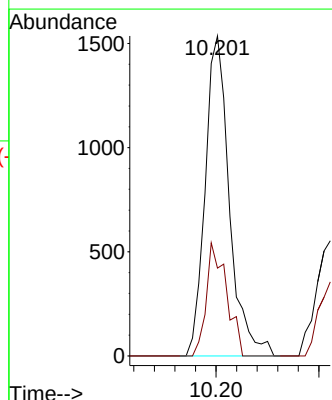
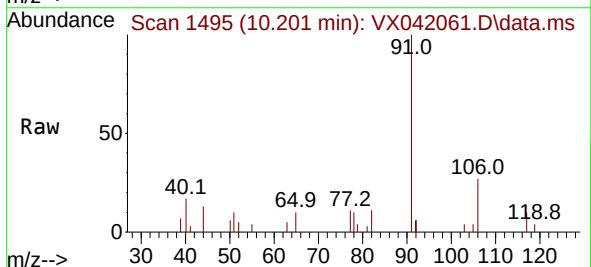
Ion	Ratio	Lower	Upper
164	100		
166	106.5	102.7	154.1
129	89.9	80.4	120.6
131	64.4	76.5	114.7

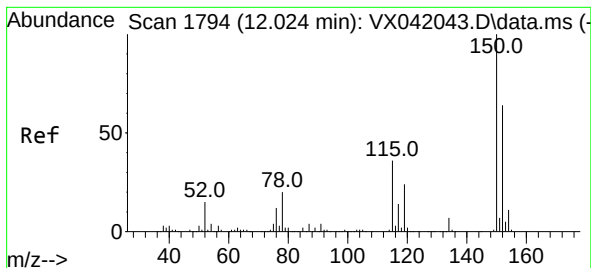


#67
Ethyl Benzene
Concen: 0.321 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX042061.D
Acq: 26 Jun 2024 18:22

Tgt Ion: 91 Resp: 2518

Ion	Ratio	Lower	Upper
91	100		
106	27.5	24.9	37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX042061.D

Acq: 26 Jun 2024 18:22

Instrument :

MSVOA_X

ClientSampleId :

MW11-20240625

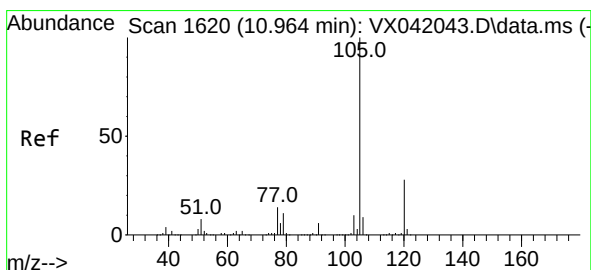
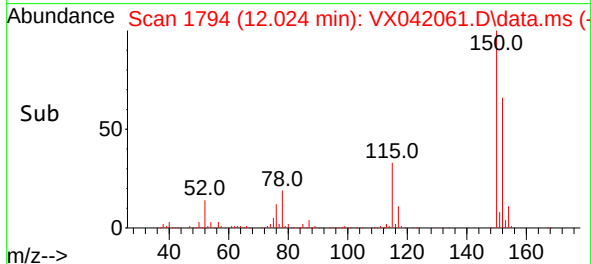
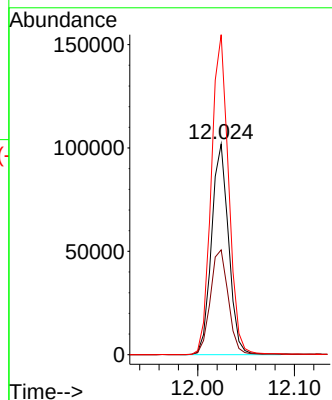
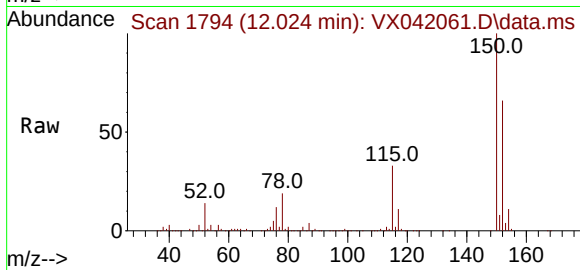
Tgt Ion:152 Resp: 125338

Ion Ratio Lower Upper

152 100

115 52.0 43.3 129.9

150 154.7 0.0 345.0



#73

Isopropylbenzene

Concen: 0.378 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX042061.D

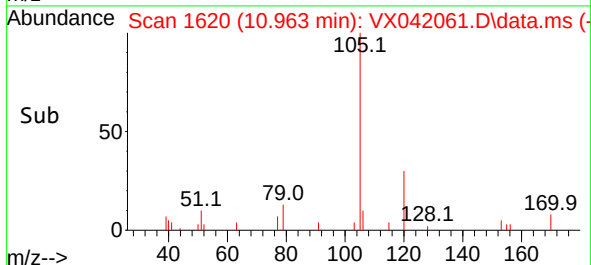
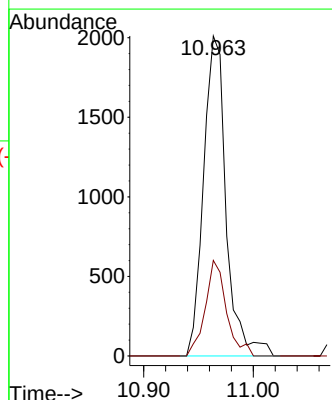
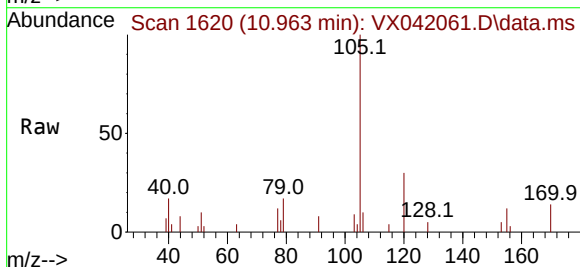
Acq: 26 Jun 2024 18:22

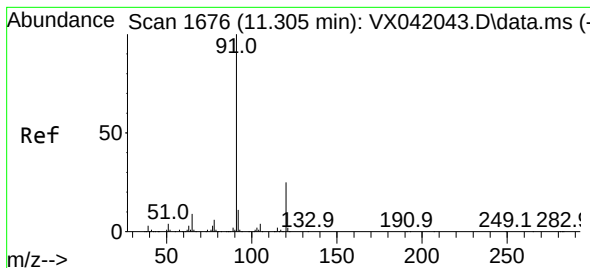
Tgt Ion:105 Resp: 2877

Ion Ratio Lower Upper

105 100

120 28.1 12.9 38.6





#78

n-propylbenzene

Concen: 0.402 ug/l

RT: 11.311 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX042061.D

Acq: 26 Jun 2024 18:22

Instrument :

MSVOA_X

ClientSampleId :

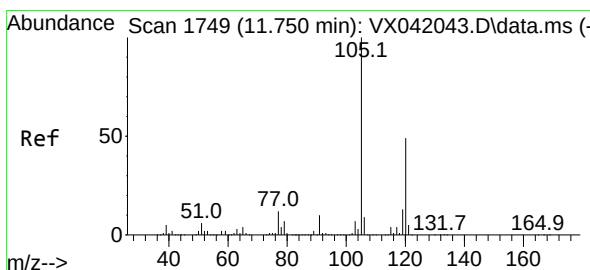
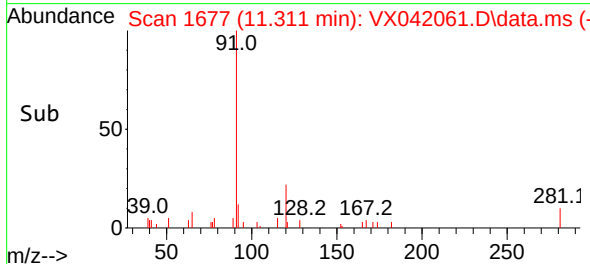
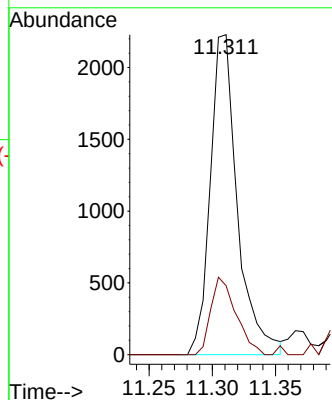
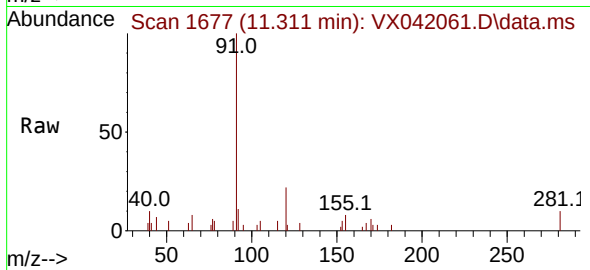
MW11-20240625

Tgt Ion: 91 Resp: 3327

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 2.121 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX042061.D

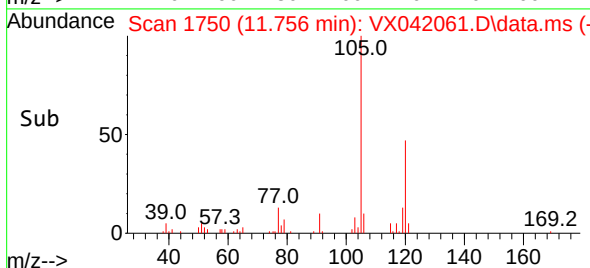
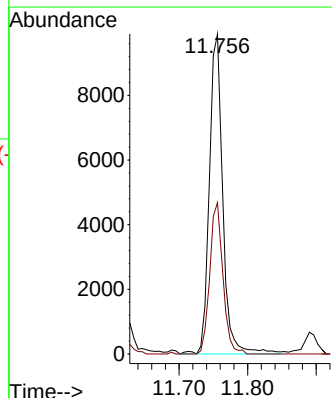
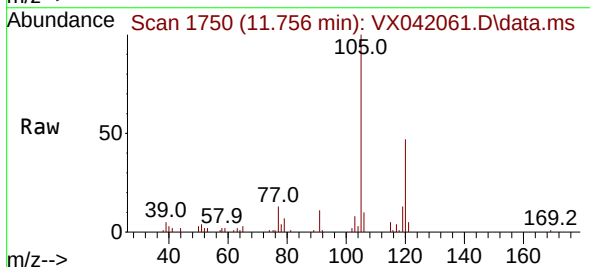
Acq: 26 Jun 2024 18:22

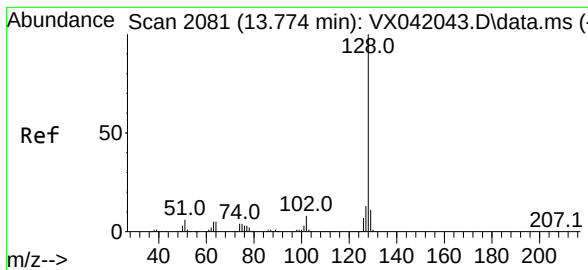
Tgt Ion: 105 Resp: 13505

Ion Ratio Lower Upper

105 100

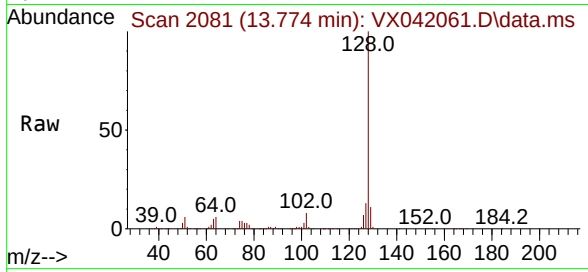
120 46.2 21.2 63.6





#95
 Naphthalene
 Concen: 22.048 ug/l
 RT: 13.774 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VX042061.D
 Acq: 26 Jun 2024 18:22

Instrument :
 MSVOA_X
 ClientSampleId :
 MW11-20240625



Tgt Ion:128 Resp: 194317
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.3 15.5
 129 11.3 8.8 13.2

