

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060225\
 Data File : VX046455.D
 Acq On : 02 Jun 2025 19:29
 Operator : JC/MD
 Sample : Q2169-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 303-PPR-1

Quant Time: Jun 03 01:36:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

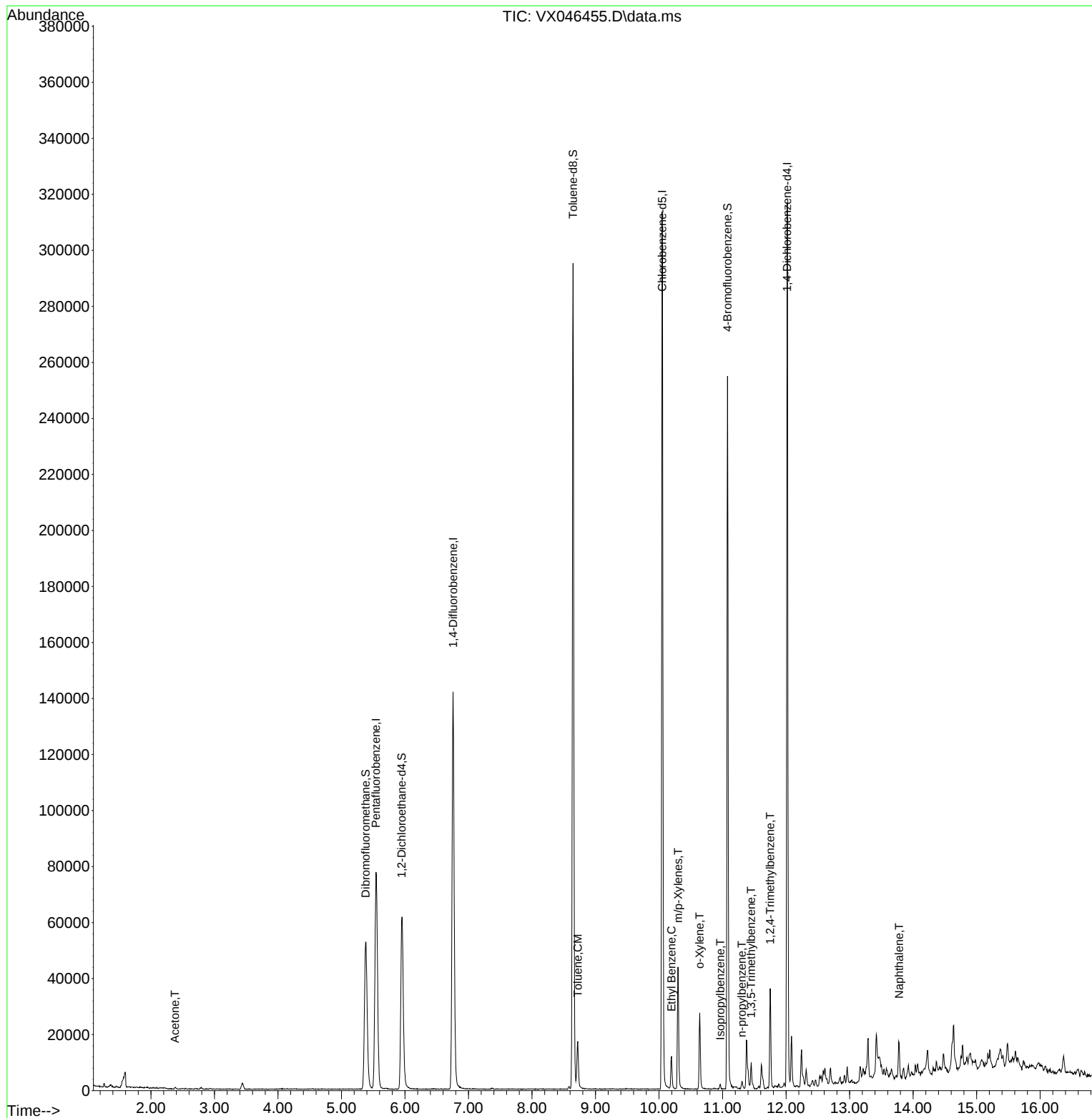
Internal Standards						
1) Pentafluorobenzene	5.544	168	65803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132362	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	65399	53.310	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.620%			
35) Dibromofluoromethane	5.379	113	47279	49.603	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.200%			
50) Toluene-d8	8.647	98	167936	50.906	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.820%			
62) 4-Bromofluorobenzene	11.079	95	68344	54.008	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.020%			
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	690	1.403	ug/l #	80
52) Toluene	8.720	92	6379	2.773	ug/l	98
67) Ethyl Benzene	10.195	91	7196	1.468	ug/l	99
68) m/p-Xylenes	10.299	106	9584	5.347	ug/l	98
69) o-Xylene	10.640	106	5659	3.238	ug/l	98
73) Isopropylbenzene	10.963	105	999	0.225	ug/l	99
78) n-propylbenzene	11.305	91	2276	0.441	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	4216	1.137	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	15878	4.228	ug/l	99
95) Naphthalene	13.780	128	9206	2.316	ug/l	95

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

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303-PPR-1

Quant Time: Jun 03 01:36:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

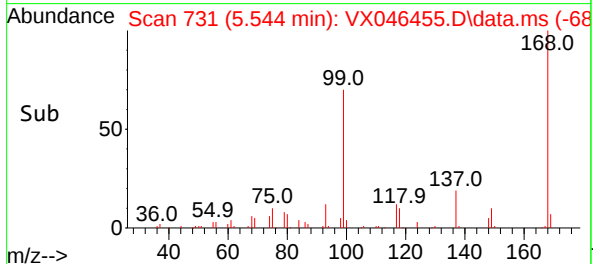
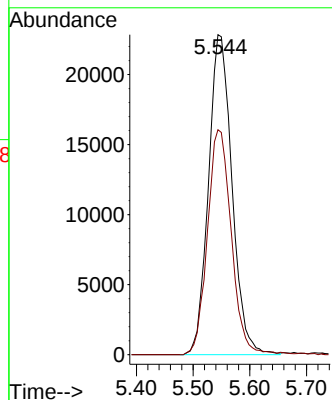
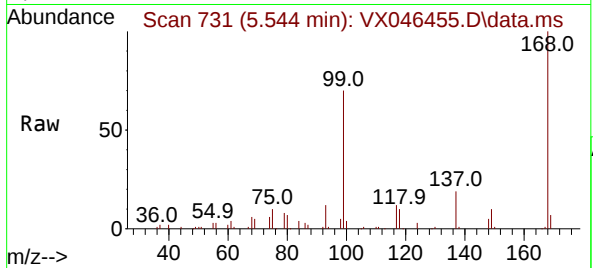




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046455.D
Acq: 02 Jun 2025 19:29

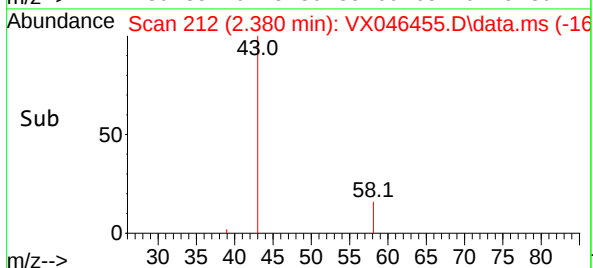
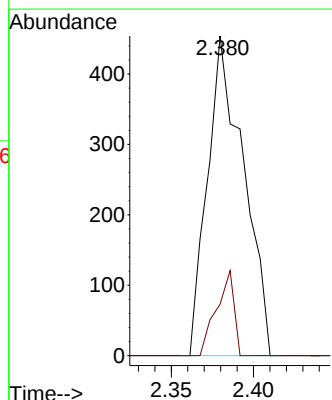
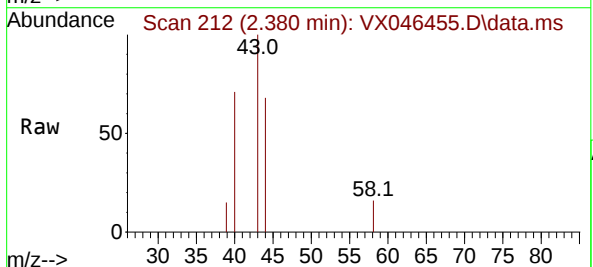
Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

Tgt Ion:168 Resp: 65803
Ion Ratio Lower Upper
168 100
99 70.3 54.9 82.3



#16
Acetone
Concen: 1.403 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046455.D
Acq: 02 Jun 2025 19:29

Tgt Ion: 43 Resp: 690
Ion Ratio Lower Upper
43 100
58 16.1 21.2 31.8#





#33

1,2-Dichloroethane-d4

Concen: 53.310 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX046455.D

Acq: 02 Jun 2025 19:29

Instrument :

MSVOA_X

ClientSampleId :

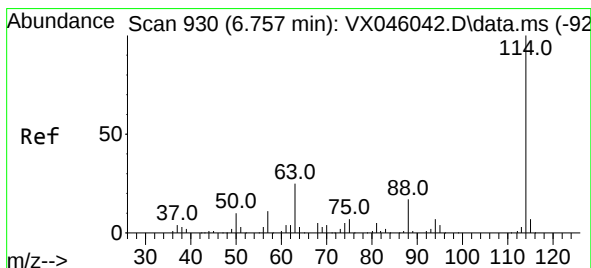
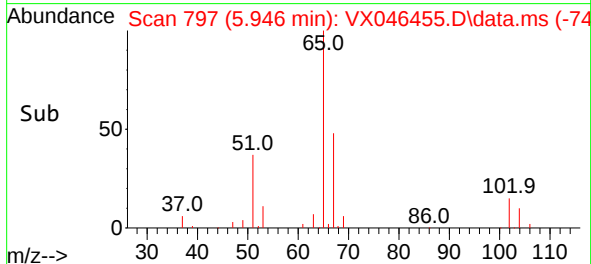
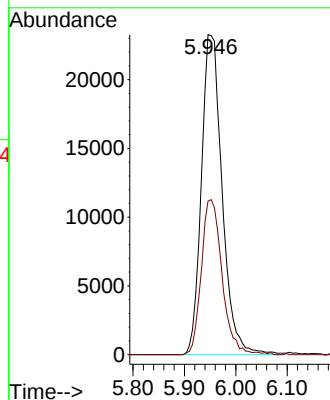
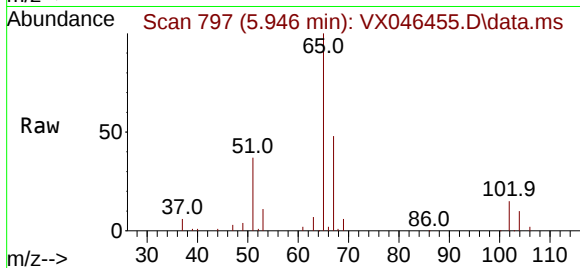
303-PPR-1

Tgt Ion: 65 Resp: 65399

Ion Ratio Lower Upper

65 100

67 48.5 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046455.D

Acq: 02 Jun 2025 19:29

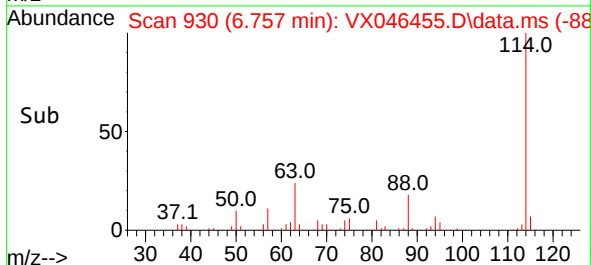
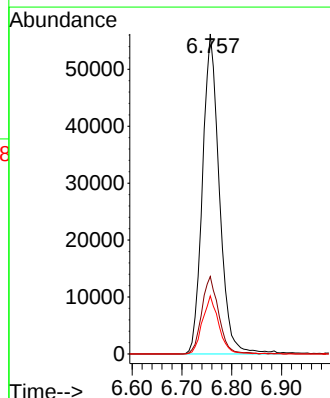
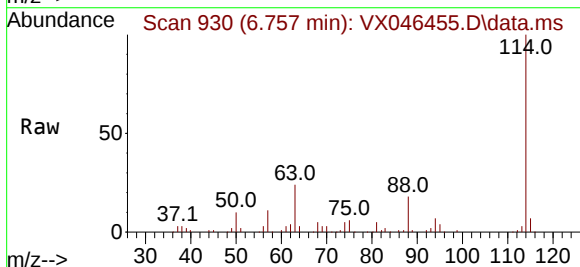
Tgt Ion: 114 Resp: 132362

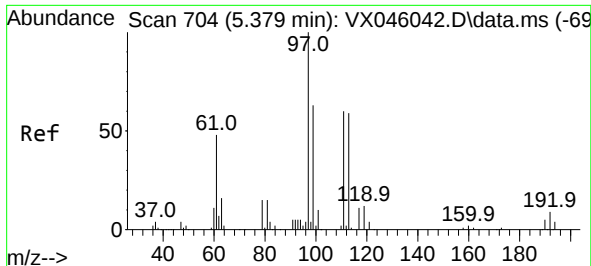
Ion Ratio Lower Upper

114 100

63 24.2 0.0 49.2

88 18.1 0.0 33.6

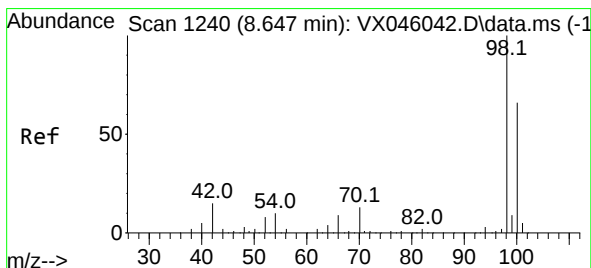
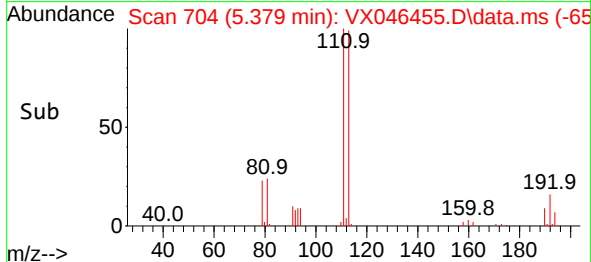
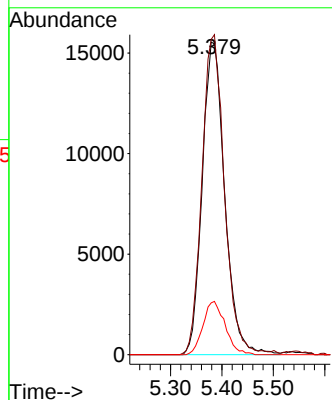
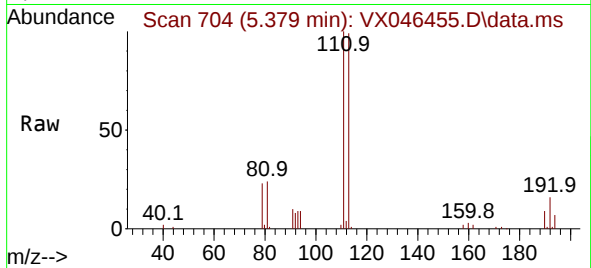




#35
Dibromofluoromethane
Concen: 49.603 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046455.D
Acq: 02 Jun 2025 19:29

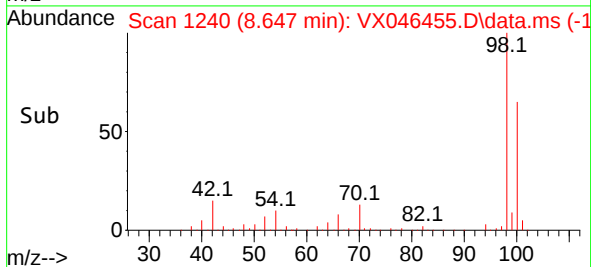
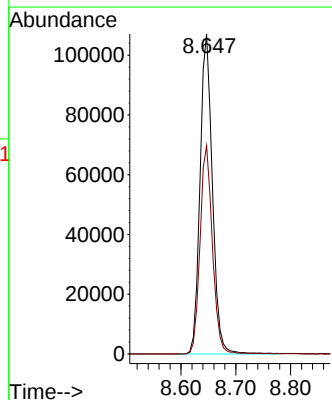
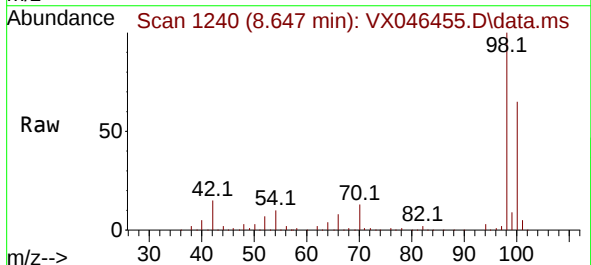
Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

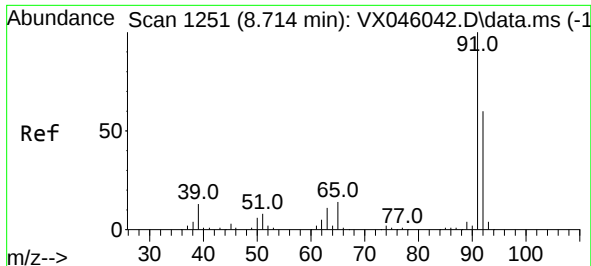
Tgt Ion:113 Resp: 47279
Ion Ratio Lower Upper
113 100
111 102.2 83.1 124.7
192 16.8 13.3 19.9



#50
Toluene-d8
Concen: 50.906 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046455.D
Acq: 02 Jun 2025 19:29

Tgt Ion: 98 Resp: 167936
Ion Ratio Lower Upper
98 100
100 65.2 53.5 80.3

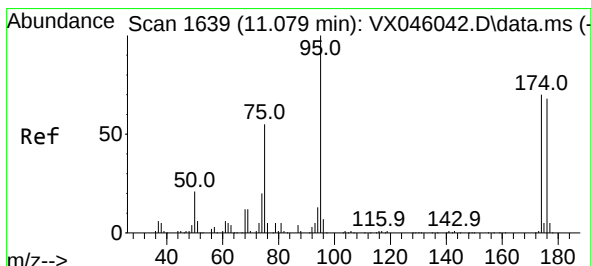
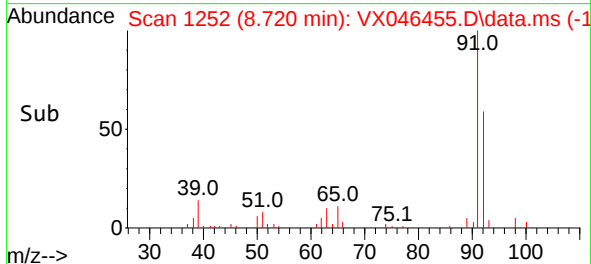
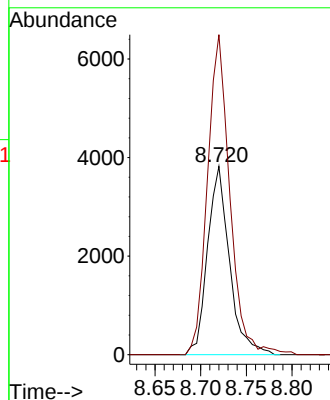
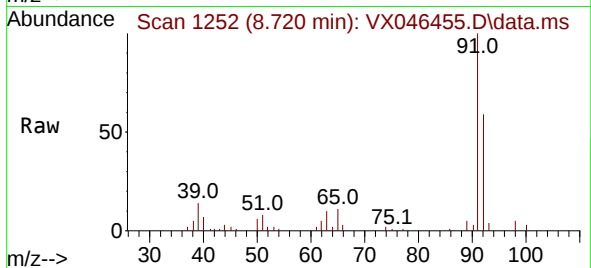




#52
Toluene
Concen: 2.773 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046455.D
Acq: 02 Jun 2025 19:29

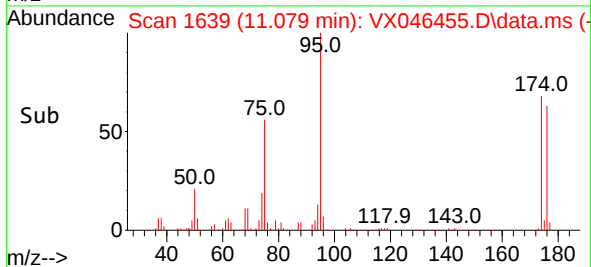
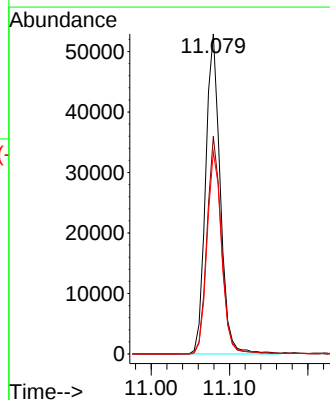
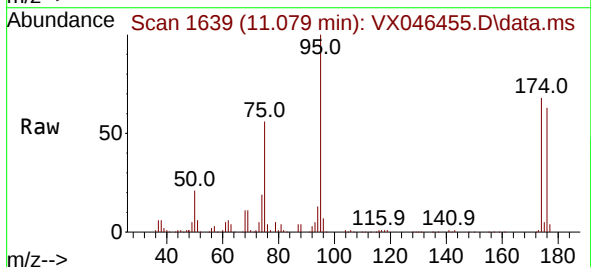
Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

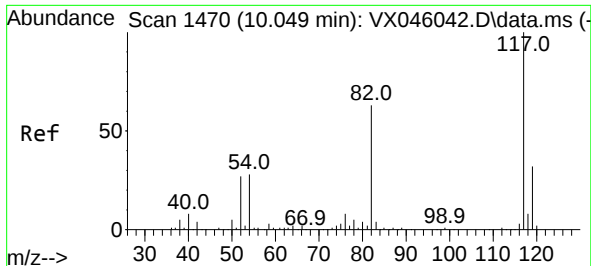
Tgt Ion: 92 Resp: 6379
Ion Ratio Lower Upper
92 100
91 173.3 136.6 205.0



#62
4-Bromofluorobenzene
Concen: 54.008 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046455.D
Acq: 02 Jun 2025 19:29

Tgt Ion: 95 Resp: 68344
Ion Ratio Lower Upper
95 100
174 67.3 0.0 135.8
176 63.7 0.0 131.4

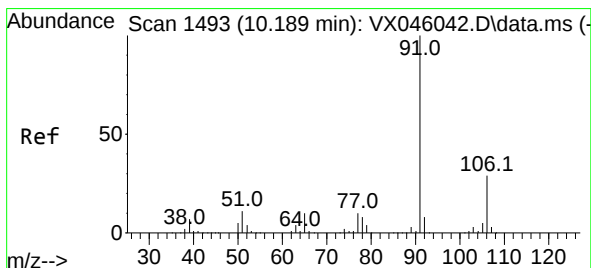
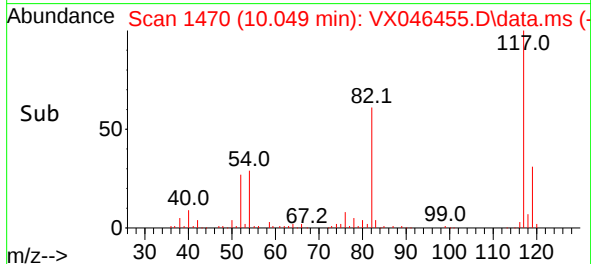
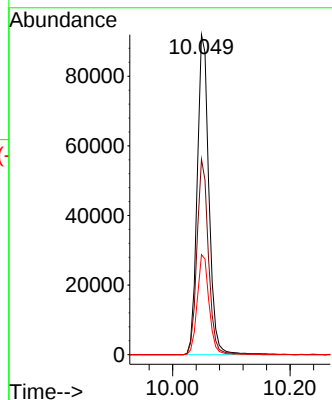
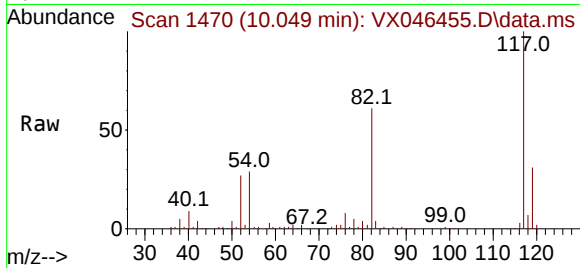




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046455.D
Acq: 02 Jun 2025 19:29

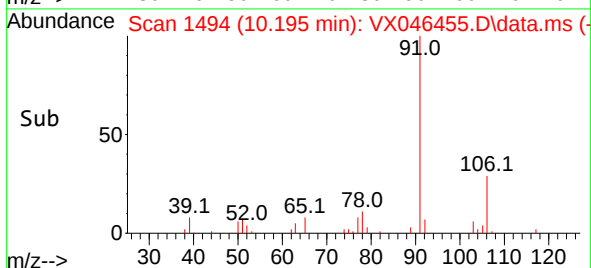
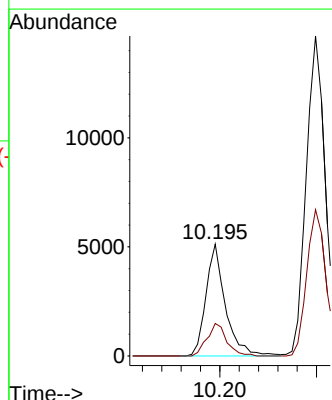
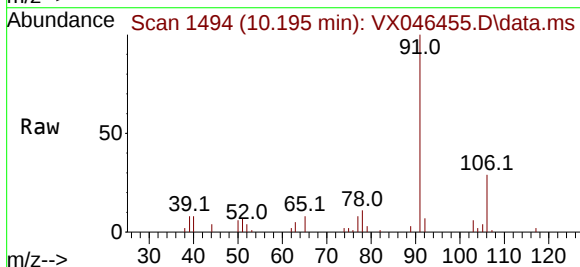
Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

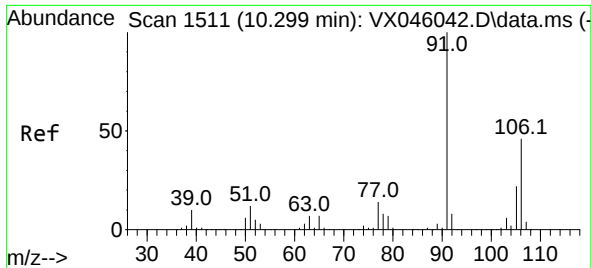
Tgt Ion:117 Resp: 127025
Ion Ratio Lower Upper
117 100
82 61.1 50.6 76.0
119 31.2 25.8 38.6



#67
Ethyl Benzene
Concen: 1.468 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046455.D
Acq: 02 Jun 2025 19:29

Tgt Ion: 91 Resp: 7196
Ion Ratio Lower Upper
91 100
106 29.0 23.4 35.2

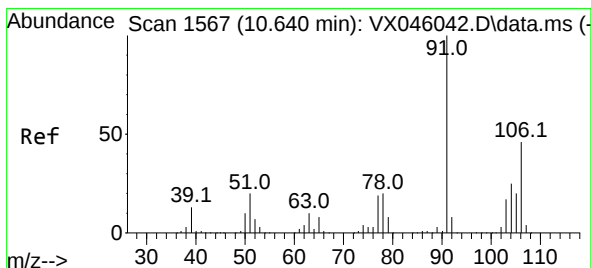
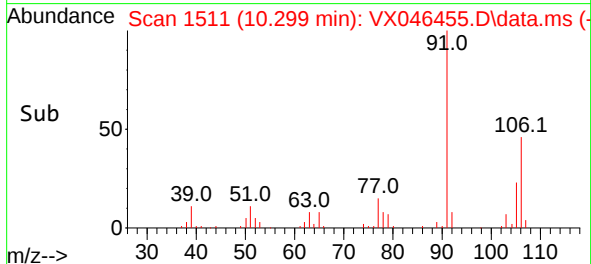
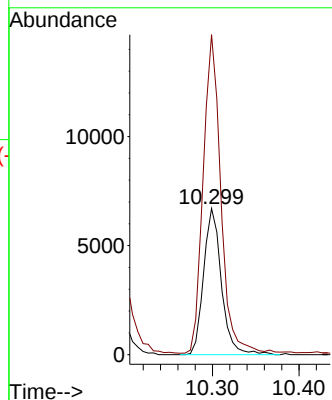
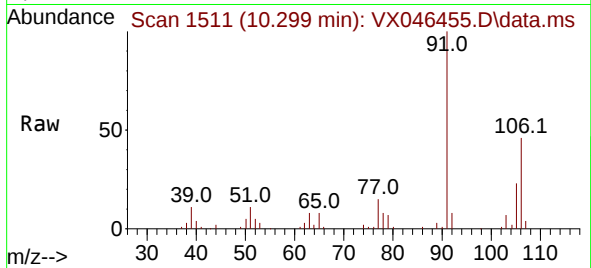




#68
m/p-Xylenes
Concen: 5.347 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046455.D
Acq: 02 Jun 2025 19:29

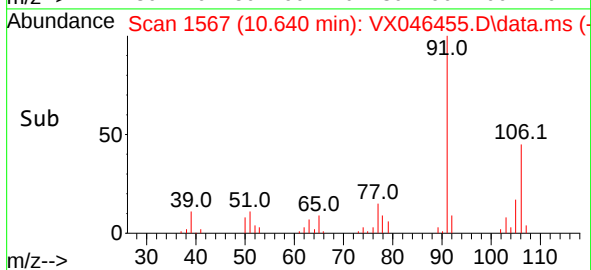
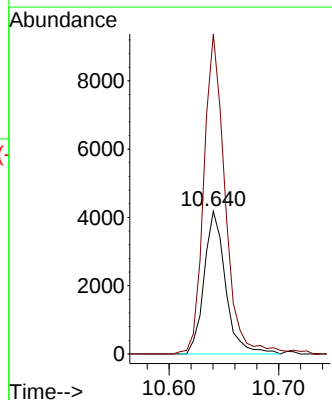
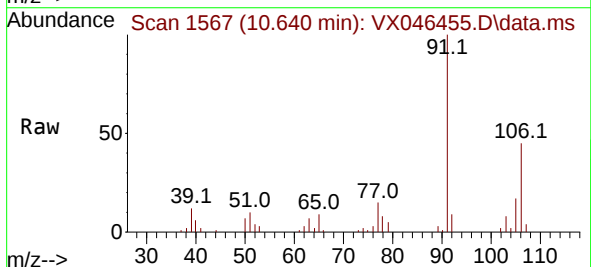
Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

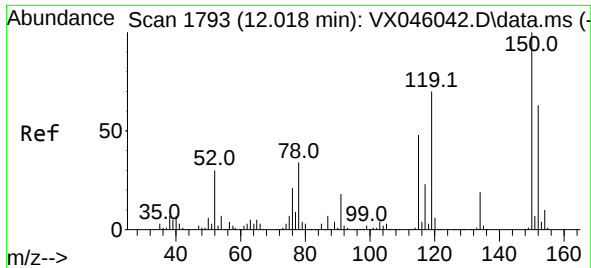
Tgt Ion:106 Resp: 9584
Ion Ratio Lower Upper
106 100
91 217.7 171.2 256.8



#69
o-Xylene
Concen: 3.238 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046455.D
Acq: 02 Jun 2025 19:29

Tgt Ion:106 Resp: 5659
Ion Ratio Lower Upper
106 100
91 222.7 112.7 338.1

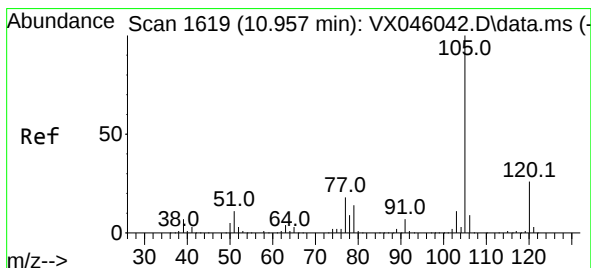
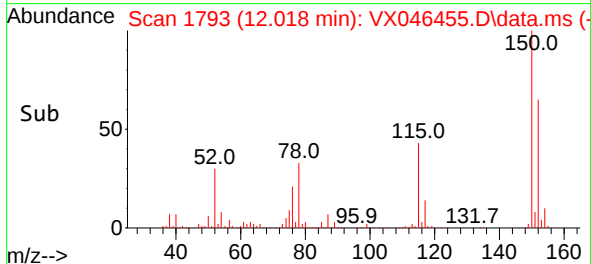
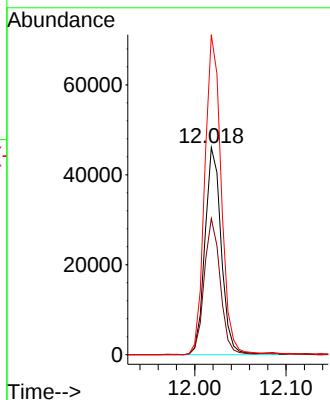
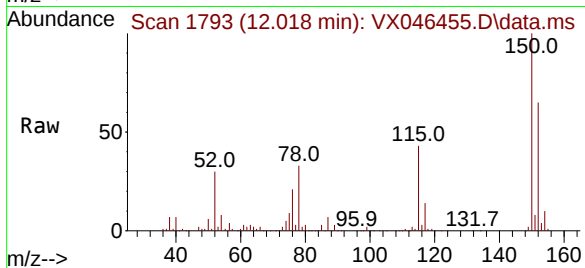




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046455.D
Acq: 02 Jun 2025 19:29

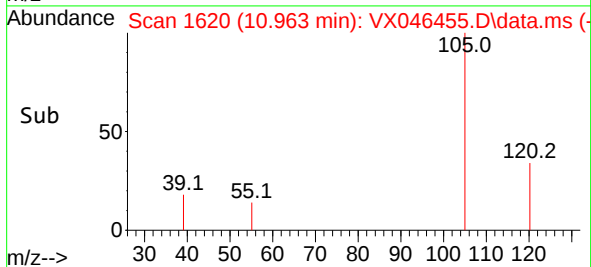
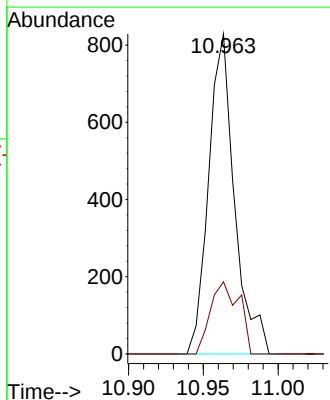
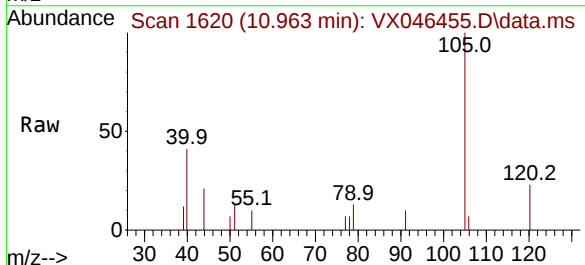
Instrument :
MSVOA_X
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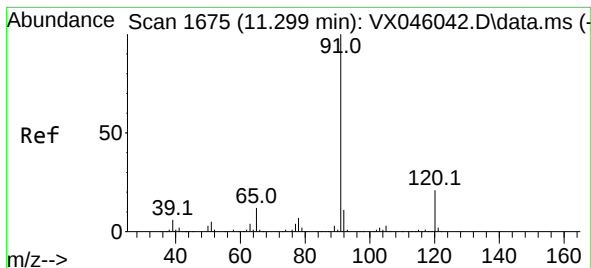
Tgt Ion:152 Resp: 57011
Ion Ratio Lower Upper
152 100
115 64.9 46.9 140.7
150 156.2 0.0 351.0



#73
Isopropylbenzene
Concen: 0.225 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046455.D
Acq: 02 Jun 2025 19:29

Tgt Ion:105 Resp: 999
Ion Ratio Lower Upper
105 100
120 24.9 12.8 38.4





#78

n-propylbenzene

Concen: 0.441 ug/l

RT: 11.305 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX046455.D

Acq: 02 Jun 2025 19:29

Instrument :

MSVOA_X

ClientSampleId :

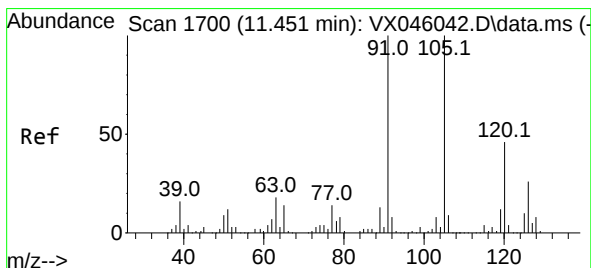
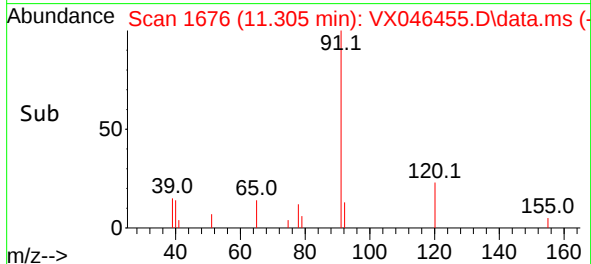
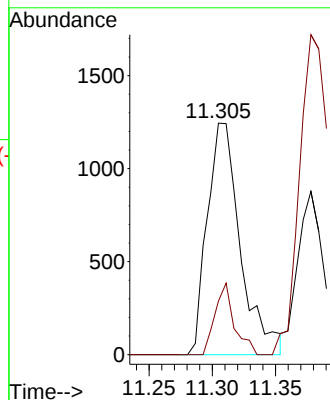
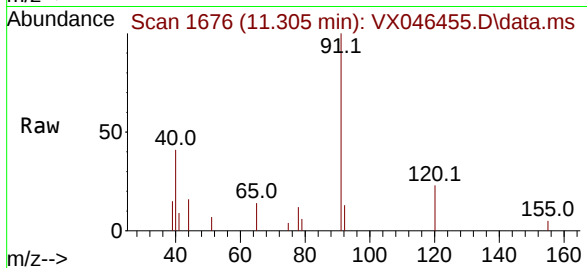
303-PPR-1

Tgt Ion: 91 Resp: 2276

Ion Ratio Lower Upper

91 100

120 17.8 10.8 32.4



#80

1,3,5-Trimethylbenzene

Concen: 1.137 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX046455.D

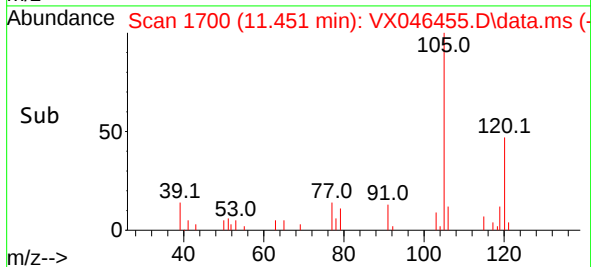
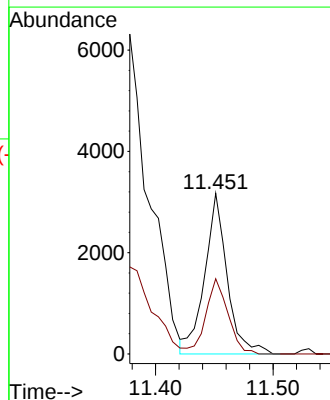
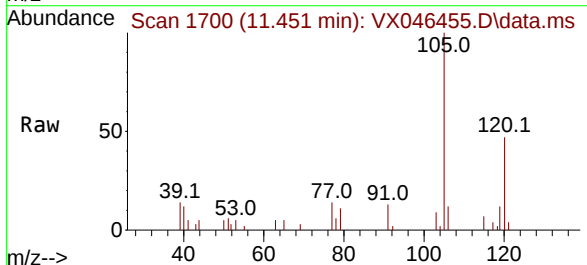
Acq: 02 Jun 2025 19:29

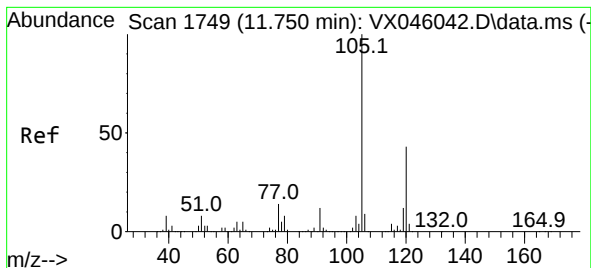
Tgt Ion: 105 Resp: 4216

Ion Ratio Lower Upper

105 100

120 45.6 23.1 69.2





#84

1,2,4-Trimethylbenzene

Concen: 4.228 ug/l

RT: 11.750 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046455.D

Acq: 02 Jun 2025 19:29

Instrument :

MSVOA_X

ClientSampleId :

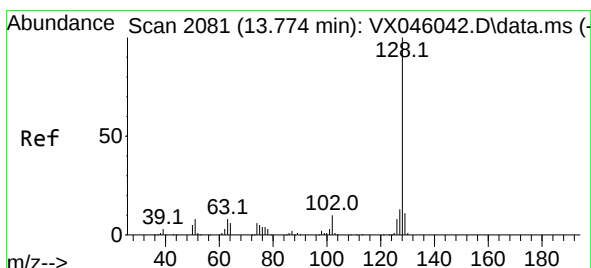
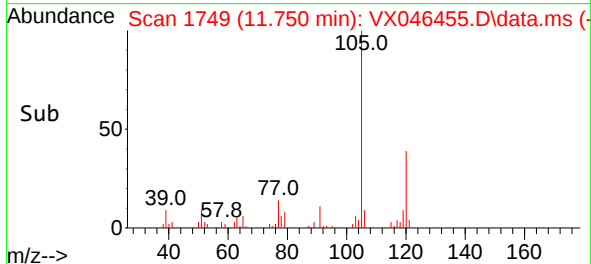
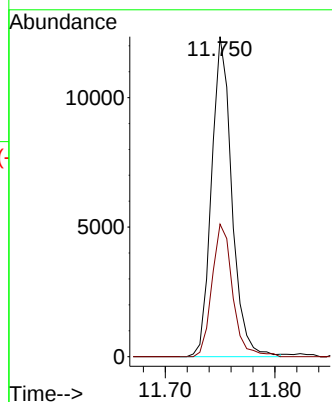
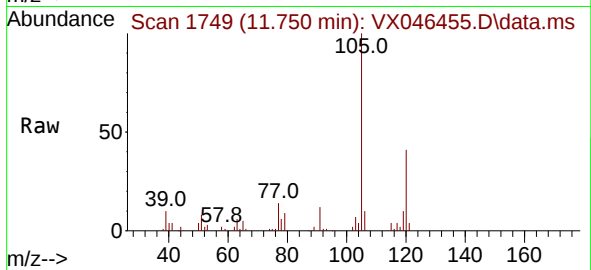
303-PPR-1

Tgt Ion:105 Resp: 15878

Ion Ratio Lower Upper

105 100

120 42.0 21.2 63.6



#95

Naphthalene

Concen: 2.316 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX046455.D

Acq: 02 Jun 2025 19:29

Tgt Ion:128 Resp: 9206

Ion Ratio Lower Upper

128 100

127 11.5 10.4 15.6

129 12.9 8.6 13.0

