

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
 Data File : VX046496.D
 Acq On : 04 Jun 2025 13:28
 Operator : JC/MD
 Sample : Q2175-05 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 52525-B

Quant Time: Jun 05 01:50:48 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)

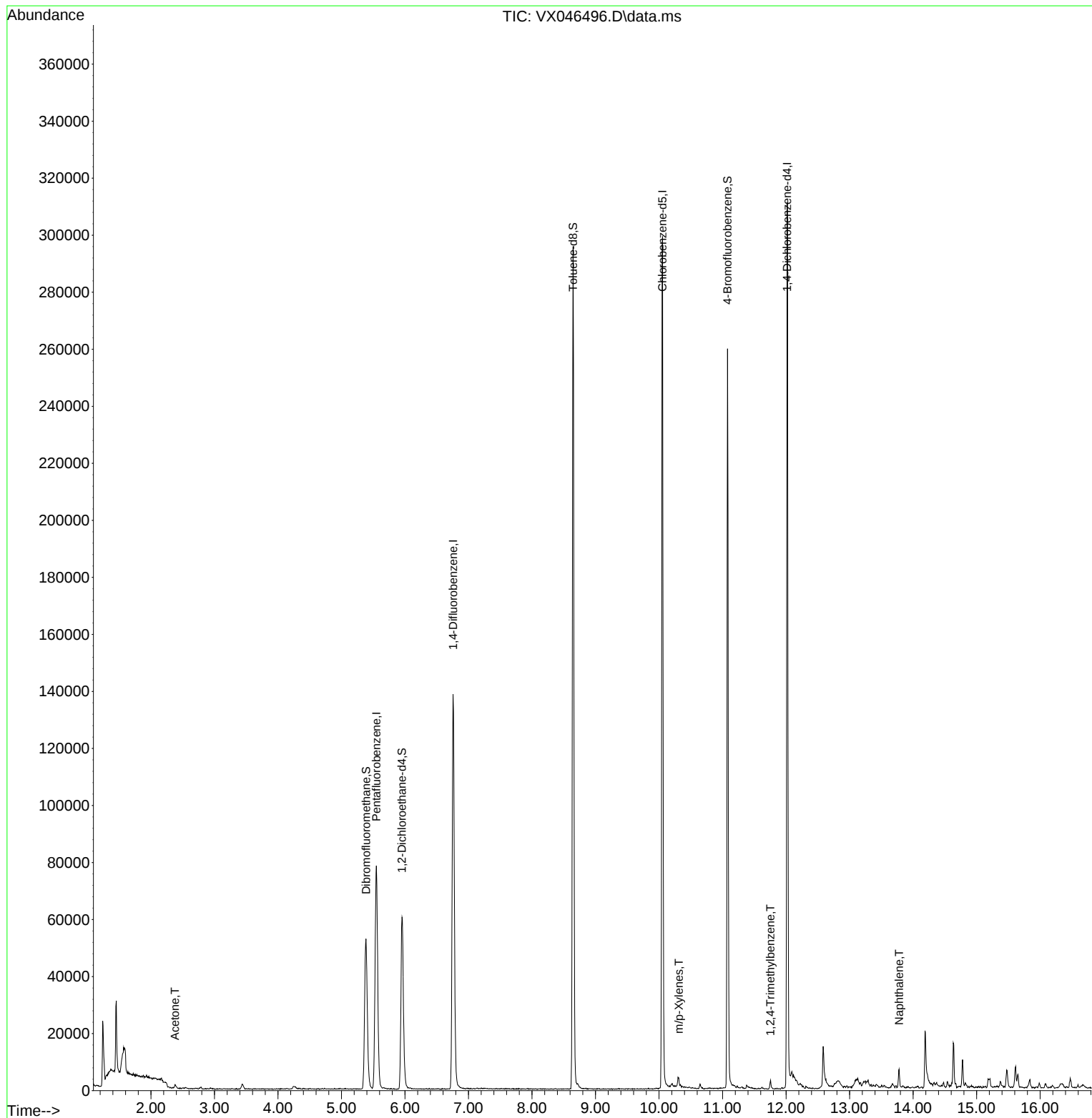
Internal Standards						
1) Pentafluorobenzene	5.550	168	66638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131594	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57370	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63436	51.061	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.120%			
35) Dibromofluoromethane	5.385	113	46317	48.877	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.760%			
50) Toluene-d8	8.647	98	167172	50.970	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.940%			
62) 4-Bromofluorobenzene	11.079	95	68934	54.792	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.580%			
Target Compounds						
16) Acetone	2.380	43	1743	3.499	ug/l	92
68) m/p-Xylenes	10.311	106	1084	0.610	ug/l	83
84) 1,2,4-Trimethylbenzene	11.756	105	1668	0.441	ug/l	98
95) Naphthalene	13.780	128	4701	1.175	ug/l	98

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

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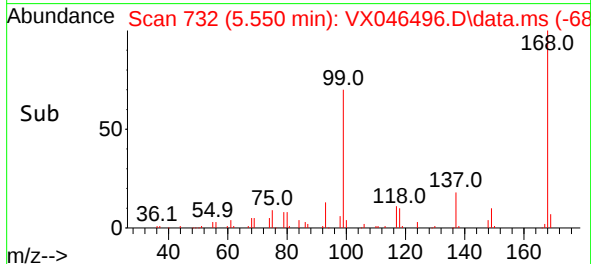
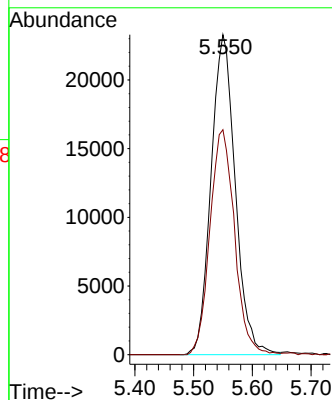
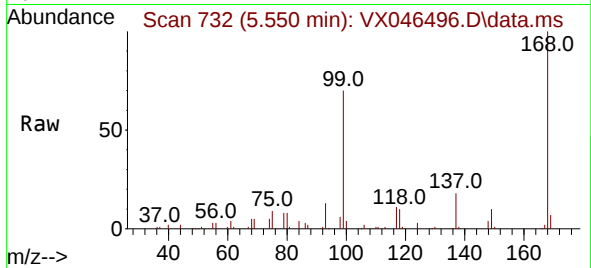




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046496.D
Acq: 04 Jun 2025 13:28

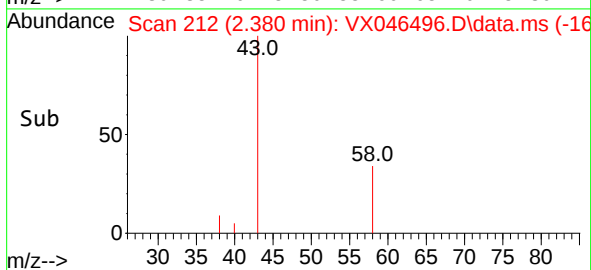
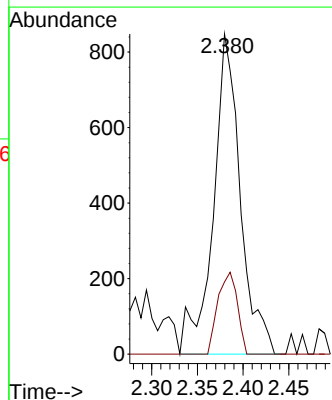
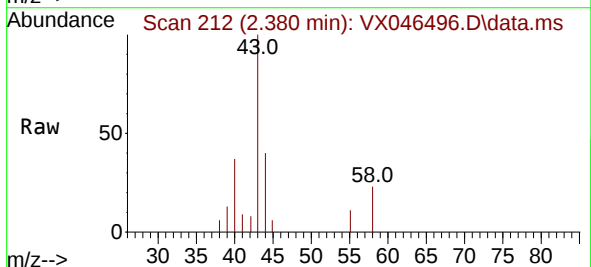
Instrument :
MSVOA_X
ClientSampleId :
52525-B

Tgt Ion:168 Resp: 66638
Ion Ratio Lower Upper
168 100
99 70.3 54.9 82.3



#16
Acetone
Concen: 3.499 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046496.D
Acq: 04 Jun 2025 13:28

Tgt Ion: 43 Resp: 1743
Ion Ratio Lower Upper
43 100
58 22.5 21.2 31.8

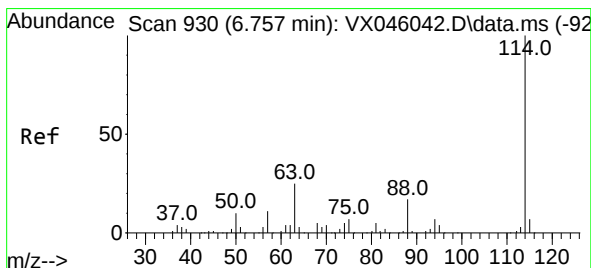
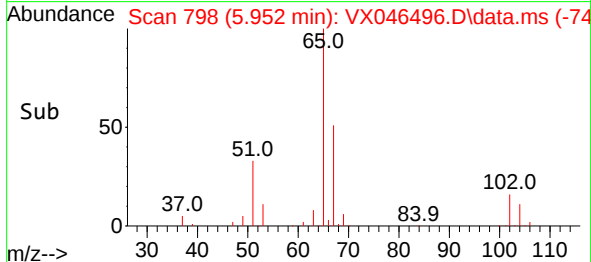
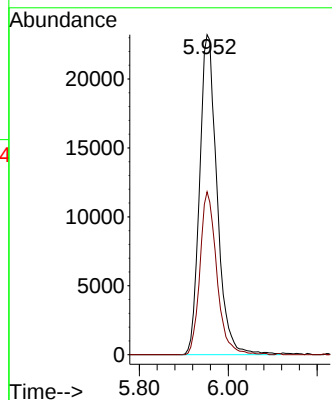
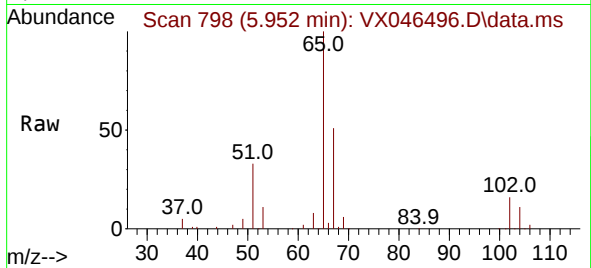




#33
1,2-Dichloroethane-d4
Concen: 51.061 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046496.D
Acq: 04 Jun 2025 13:28

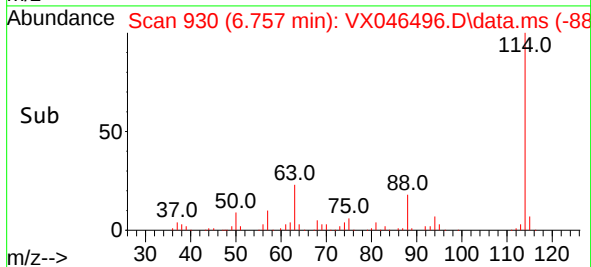
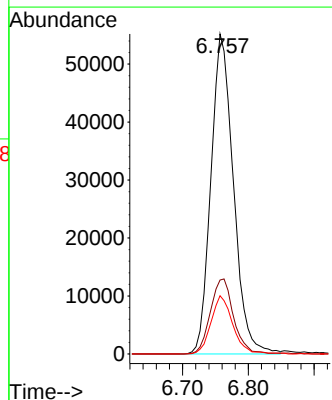
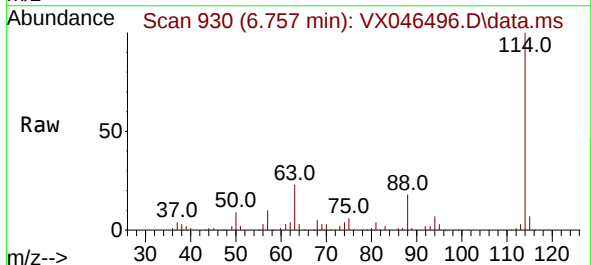
Instrument :
MSVOA_X
ClientSampleId :
52525-B

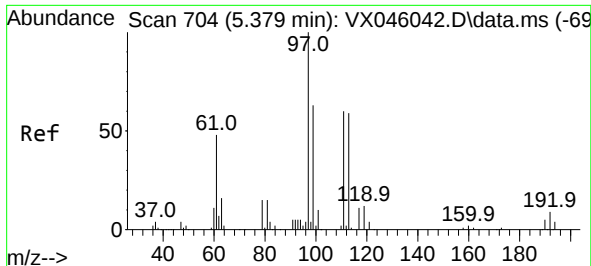
Tgt Ion: 65 Resp: 63436
Ion Ratio Lower Upper
65 100
67 49.0 0.0 99.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX046496.D
Acq: 04 Jun 2025 13:28

Tgt Ion: 114 Resp: 131594
Ion Ratio Lower Upper
114 100
63 23.1 0.0 49.2
88 18.2 0.0 33.6

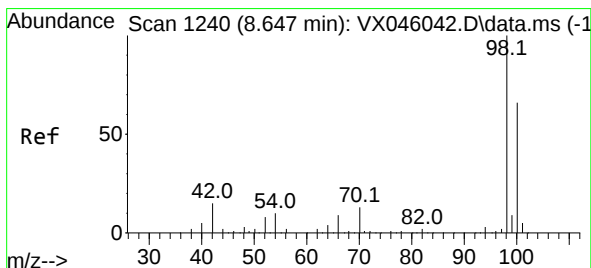
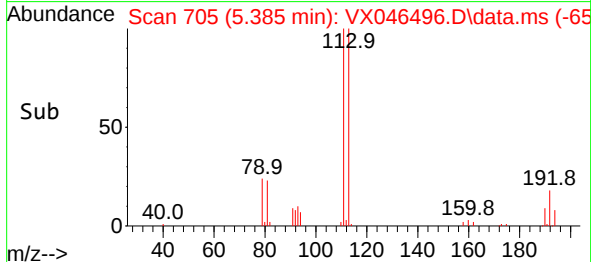
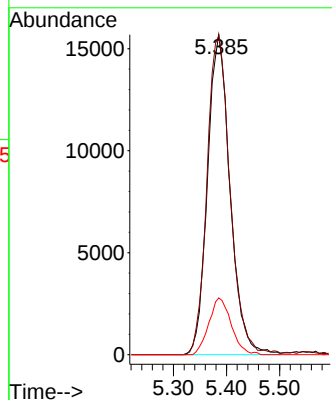
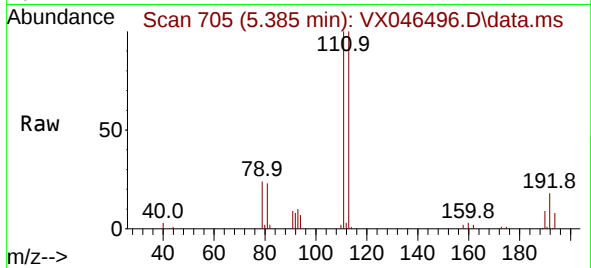




#35
Dibromofluoromethane
Concen: 48.877 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046496.D
Acq: 04 Jun 2025 13:28

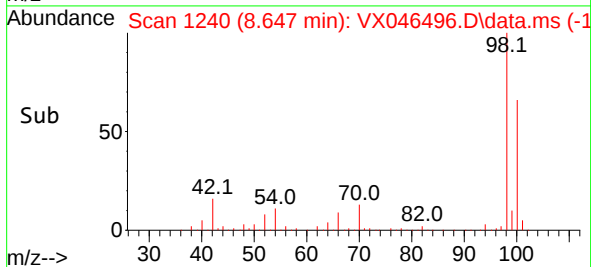
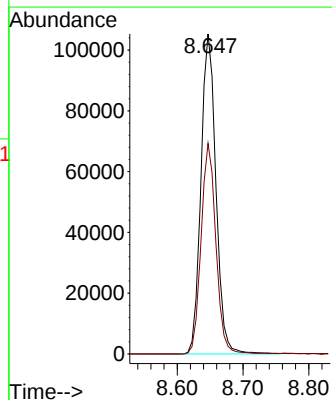
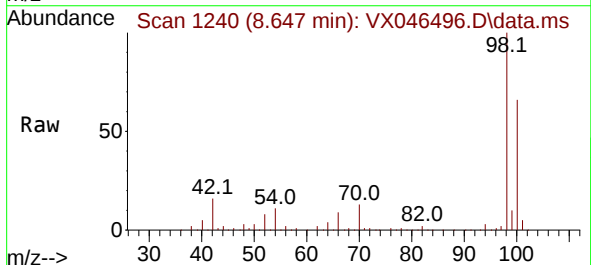
Instrument :
MSVOA_X
ClientSampleId :
52525-B

Tgt Ion:113 Resp: 46317
Ion Ratio Lower Upper
113 100
111 101.9 83.1 124.7
192 17.6 13.3 19.9



#50
Toluene-d8
Concen: 50.970 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046496.D
Acq: 04 Jun 2025 13:28

Tgt Ion: 98 Resp: 167172
Ion Ratio Lower Upper
98 100
100 65.1 53.5 80.3

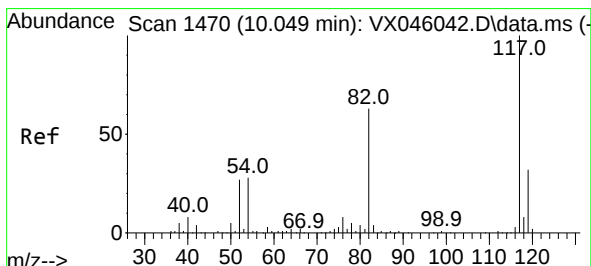
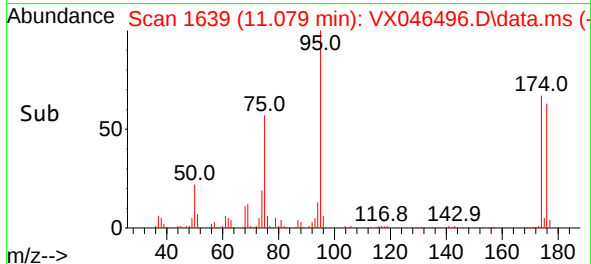
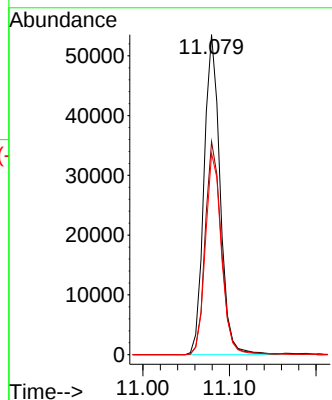
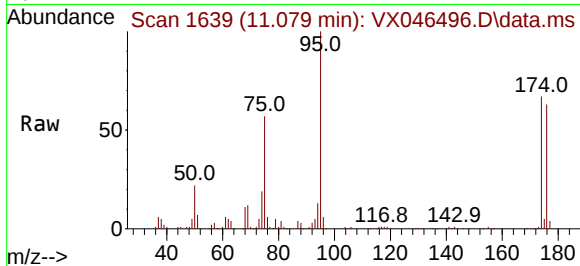




#62
4-Bromofluorobenzene
Concen: 54.792 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046496.D
Acq: 04 Jun 2025 13:28

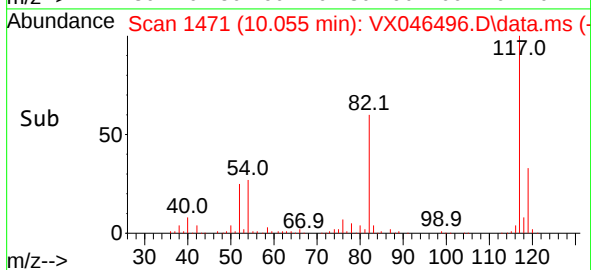
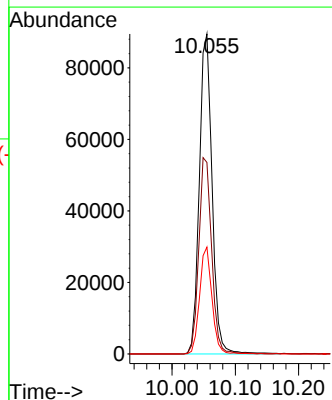
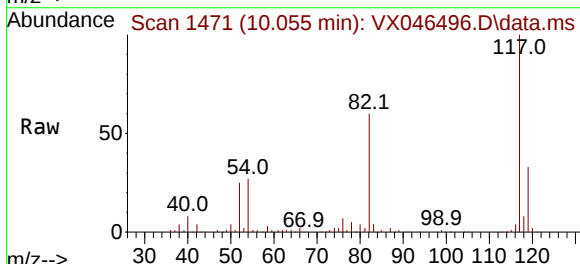
Instrument :
MSVOA_X
ClientSampleId :
52525-B

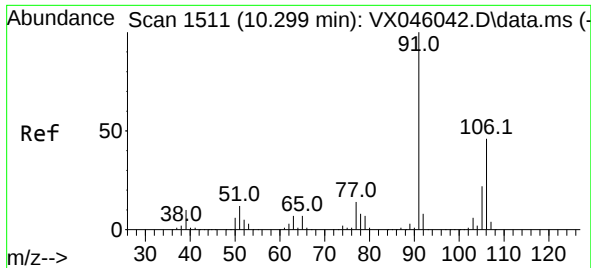
Tgt Ion: 95 Resp: 68934
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.8
176 63.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046496.D
Acq: 04 Jun 2025 13:28

Tgt Ion: 117 Resp: 125884
Ion Ratio Lower Upper
117 100
82 59.9 50.6 76.0
119 33.4 25.8 38.6

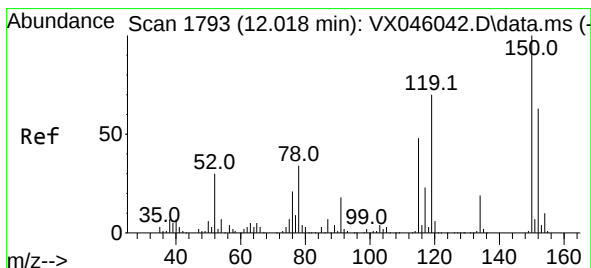
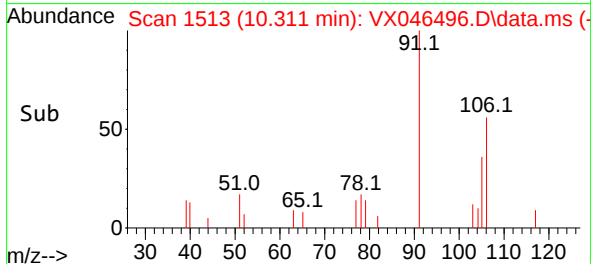
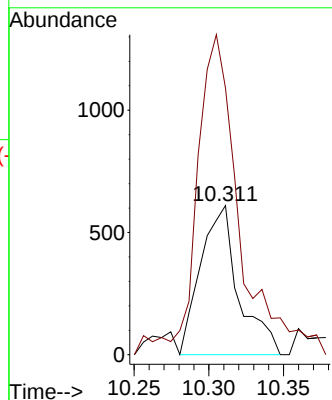
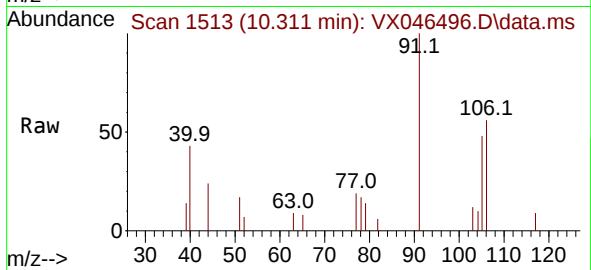




#68
m/p-Xylenes
Concen: 0.610 ug/l
RT: 10.311 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX046496.D
Acq: 04 Jun 2025 13:28

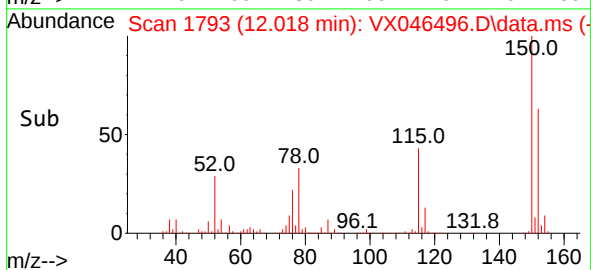
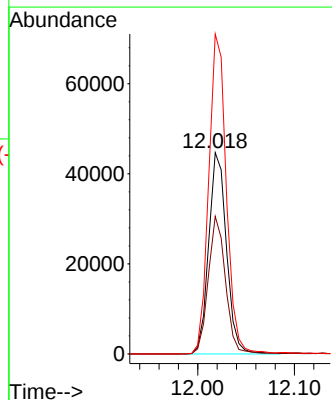
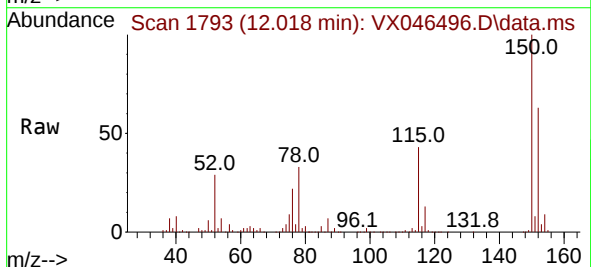
Instrument :
MSVOA_X
ClientSampleId :
52525-B

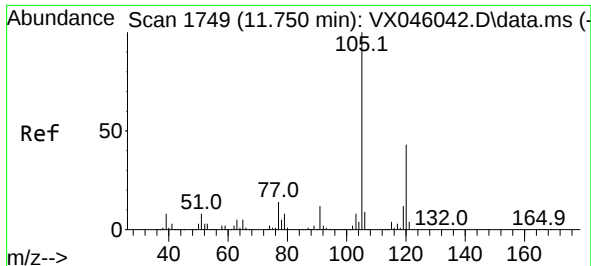
Tgt Ion:106 Resp: 1084
Ion Ratio Lower Upper
106 100
91 240.3 171.2 256.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046496.D
Acq: 04 Jun 2025 13:28

Tgt Ion:152 Resp: 57370
Ion Ratio Lower Upper
152 100
115 66.3 46.9 140.7
150 156.8 0.0 351.0

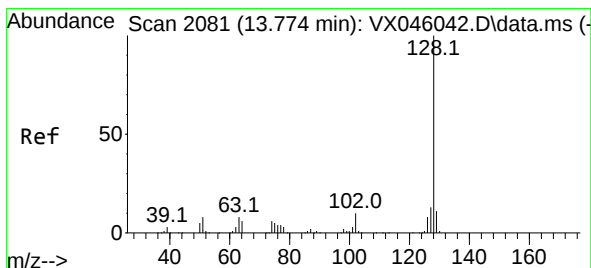
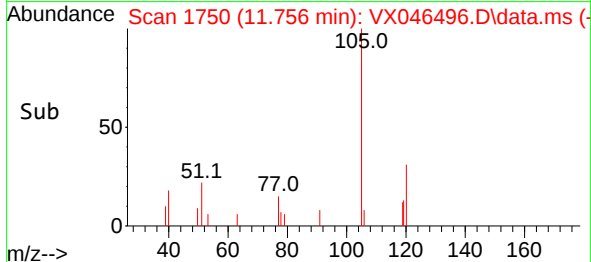
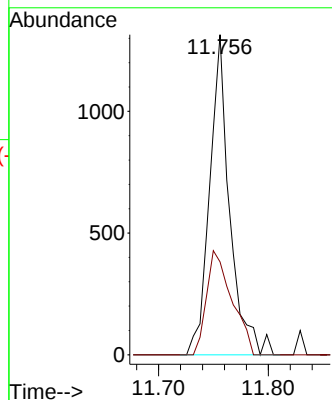
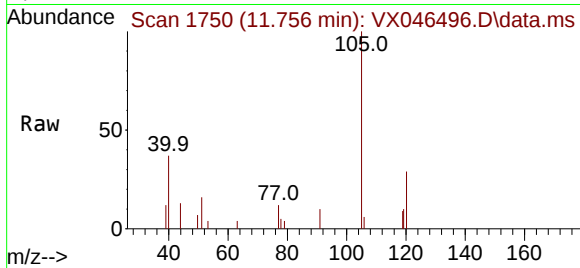




#84
1,2,4-Trimethylbenzene
Concen: 0.441 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046496.D
Acq: 04 Jun 2025 13:28

Instrument :
MSVOA_X
ClientSampleId :
52525-B

Tgt Ion:105 Resp: 1668
Ion Ratio Lower Upper
105 100
120 41.2 21.2 63.6



#95
Naphthalene
Concen: 1.175 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX046496.D
Acq: 04 Jun 2025 13:28

Tgt Ion:128 Resp: 4701
Ion Ratio Lower Upper
128 100
127 11.8 10.4 15.6
129 11.2 8.6 13.0

