

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102325\
 Data File : VX048318.D
 Acq On : 23 Oct 2025 12:41
 Operator : JC/MD
 Sample : Q3414-01DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1DL

Quant Time: Oct 24 05:42:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

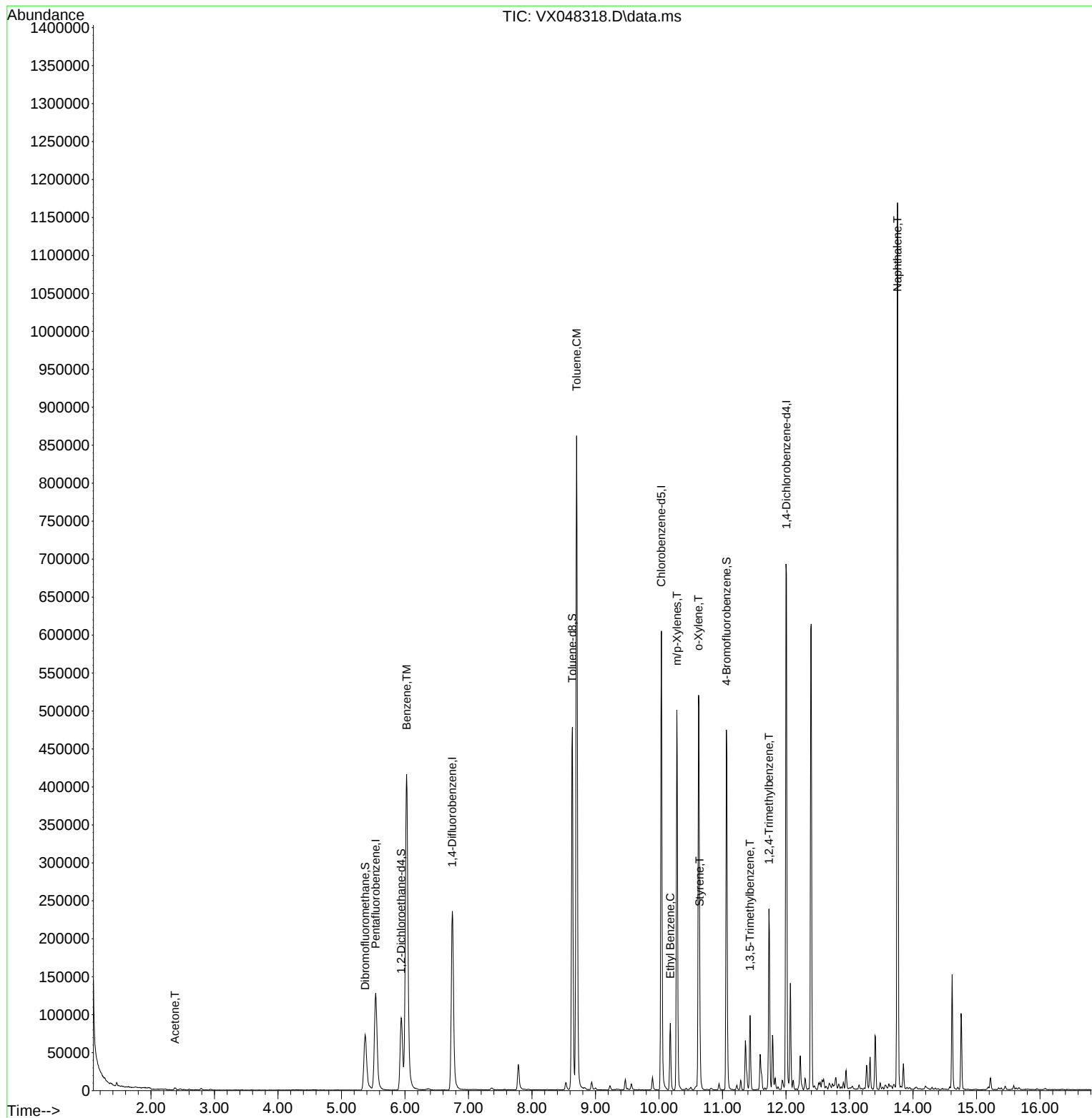
Internal Standards						
1) Pentafluorobenzene	5.538	168	126031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	255919	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	269133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	142208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	106807	60.444	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 120.880%#	
35) Dibromofluoromethane	5.373	113	71231	40.770	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 81.540%	
50) Toluene-d8	8.635	98	290229	47.393	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.780%	
62) 4-Bromofluorobenzene	11.061	95	130151	55.866	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.740%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	4134	6.820	ug/l	97
40) Benzene	6.025	78	531860	73.770	ug/l	99
52) Toluene	8.702	92	331493	72.375	ug/l	100
67) Ethyl Benzene	10.177	91	50689	4.918	ug/l	97
68) m/p-Xylenes	10.281	106	112432	29.357	ug/l	99
69) o-Xylene	10.622	106	107540	29.085	ug/l	99
70) Styrene	10.640	104	42310	6.720	ug/l #	65
80) 1,3,5-Trimethylbenzene	11.433	105	41944	4.880	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	104508	12.183	ug/l	97
95) Naphthalene	13.756	128	683573	82.766	ug/l	100

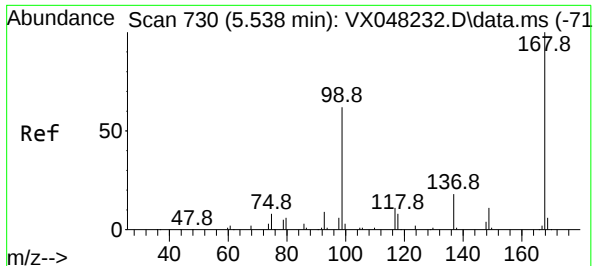
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102325\
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Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

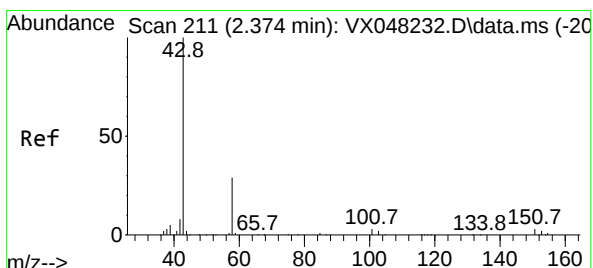
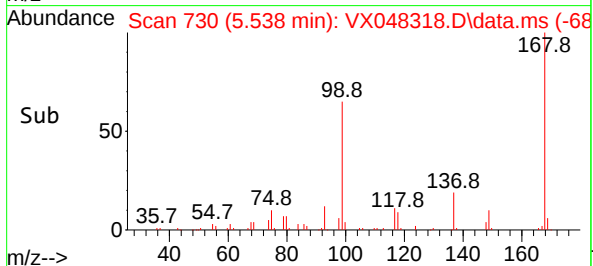
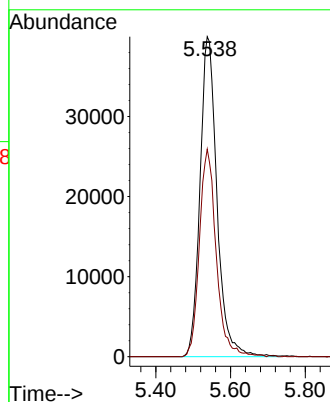
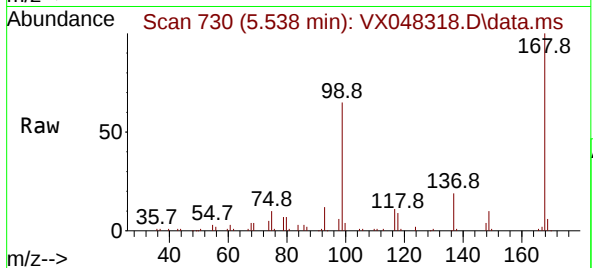




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048318.D
Acq: 23 Oct 2025 12:41

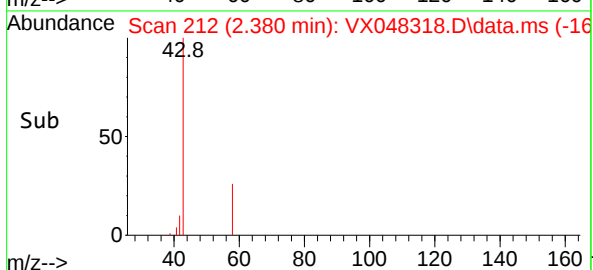
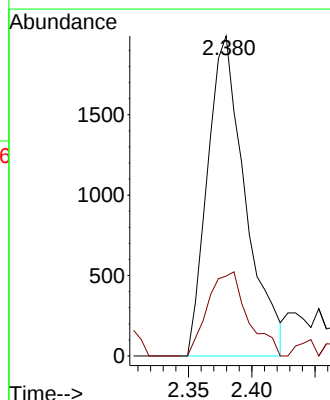
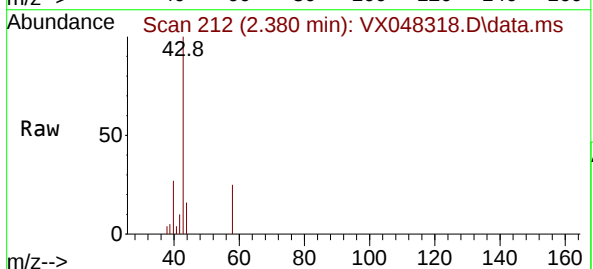
Instrument :
MSVOA_X
ClientSampleId :
SB-1DL

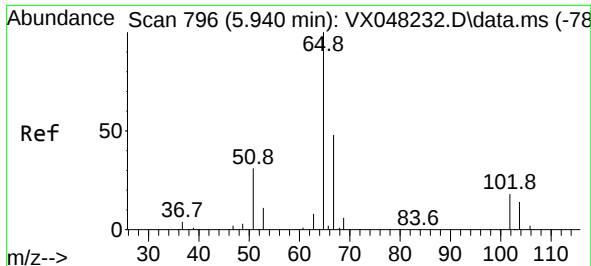
Tgt Ion:168 Resp: 126031
Ion Ratio Lower Upper
168 100
99 64.9 46.4 69.6



#16
Acetone
Concen: 6.820 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048318.D
Acq: 23 Oct 2025 12:41

Tgt Ion: 43 Resp: 4134
Ion Ratio Lower Upper
43 100
58 27.8 23.4 35.2

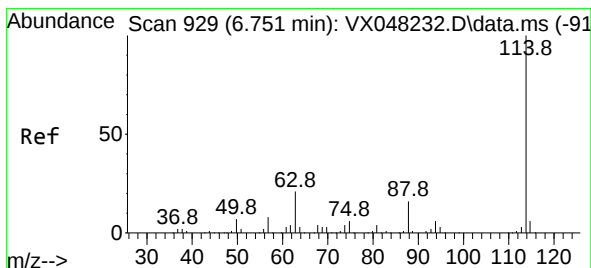
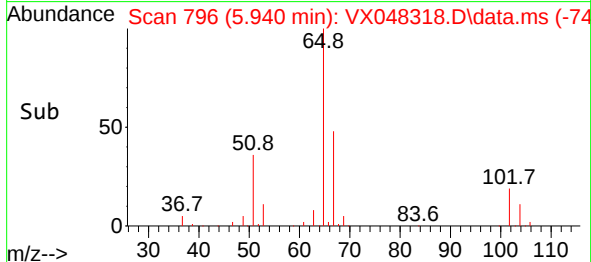
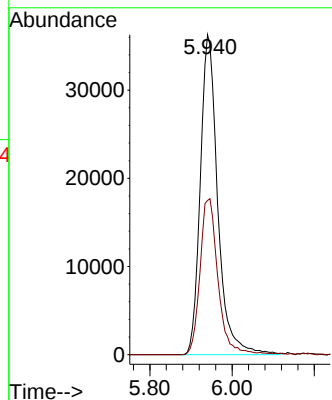
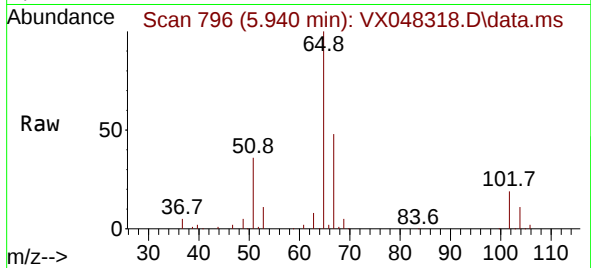




#33
 1,2-Dichloroethane-d4
 Concen: 60.444 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VX048318.D
 Acq: 23 Oct 2025 12:41

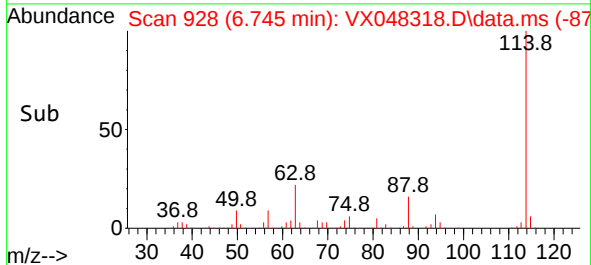
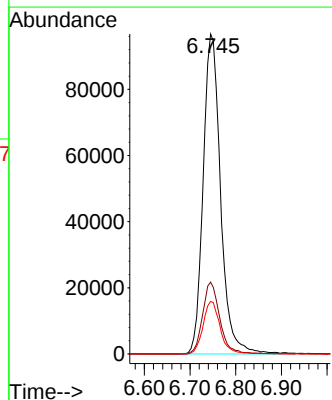
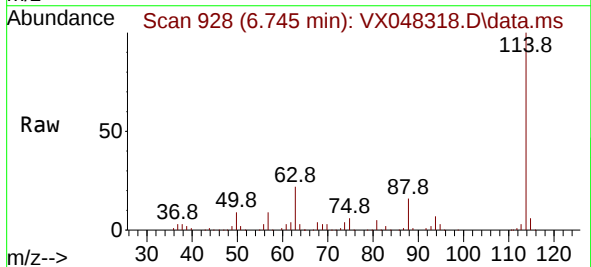
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1DL

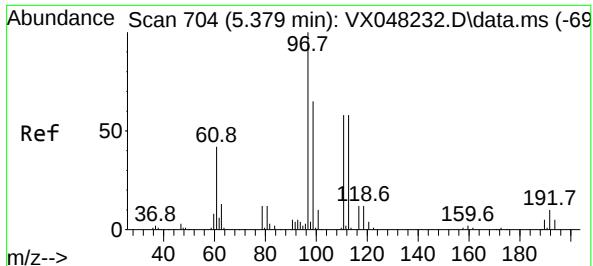
Tgt Ion: 65 Resp: 106807
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048318.D
 Acq: 23 Oct 2025 12:41

Tgt Ion: 114 Resp: 255919
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 43.2
 88 16.4 0.0 33.6

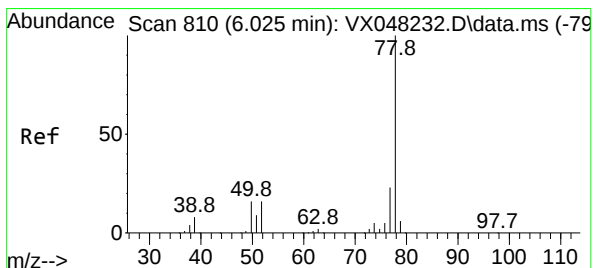
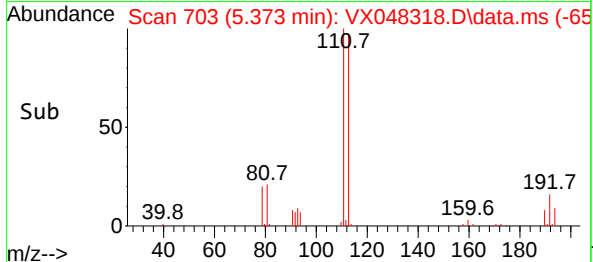
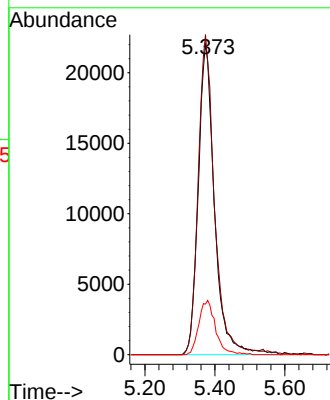
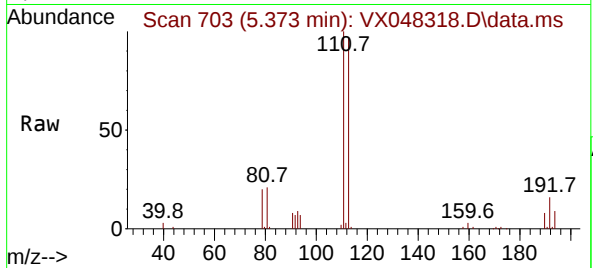




#35
Dibromofluoromethane
Concen: 40.770 ug/l
RT: 5.373 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX048318.D
Acq: 23 Oct 2025 12:41

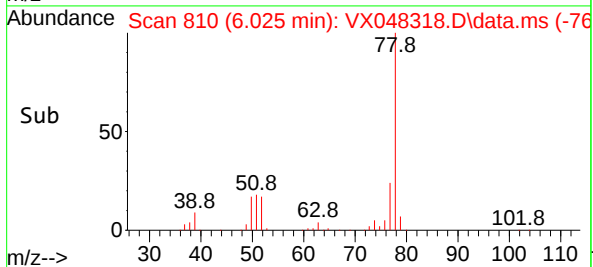
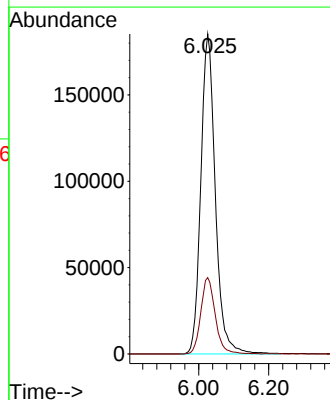
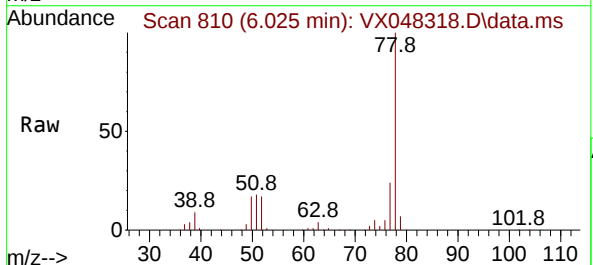
Instrument :
MSVOA_X
ClientSampleId :
SB-1DL

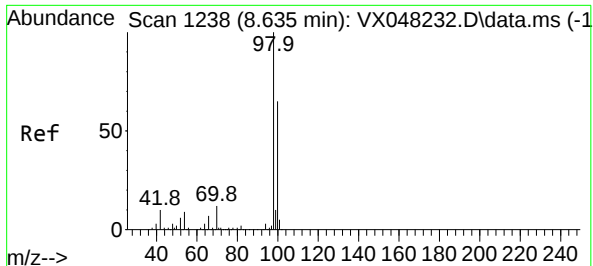
Tgt Ion:113 Resp: 71231
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 18.0 15.1 22.7



#40
Benzene
Concen: 73.770 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX048318.D
Acq: 23 Oct 2025 12:41

Tgt Ion: 78 Resp: 531860
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9

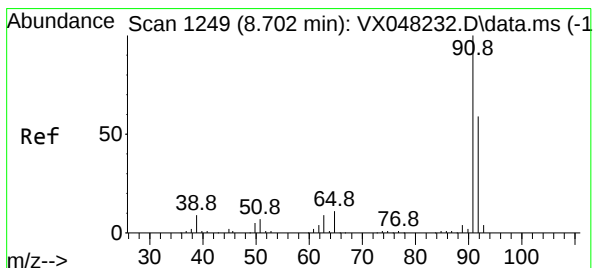
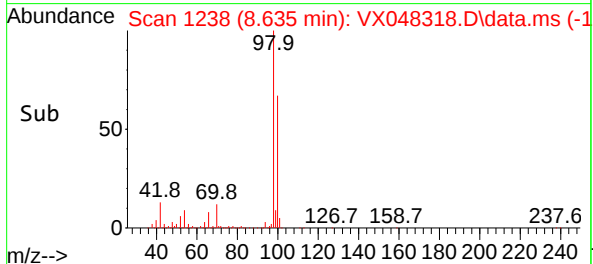
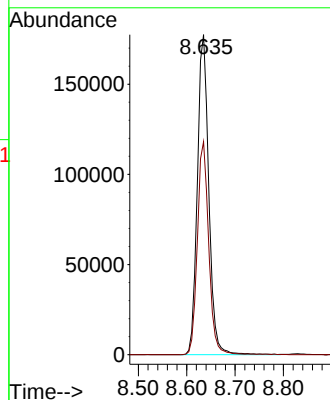
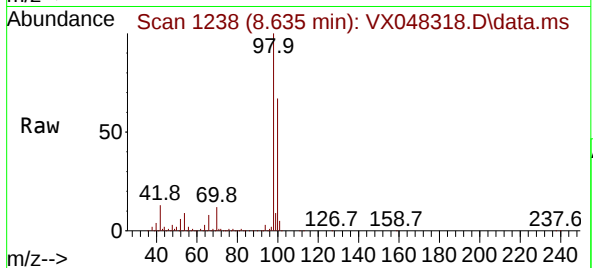




#50
Toluene-d8
Concen: 47.393 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048318.D
Acq: 23 Oct 2025 12:41

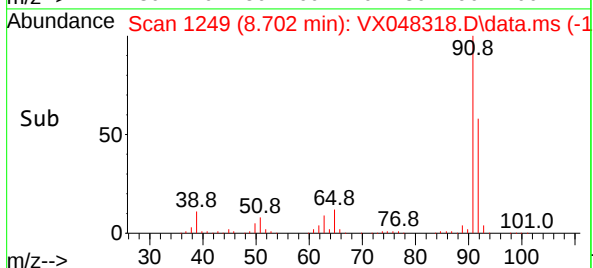
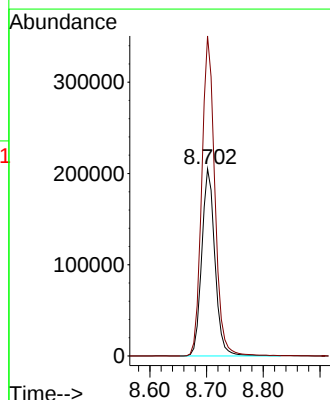
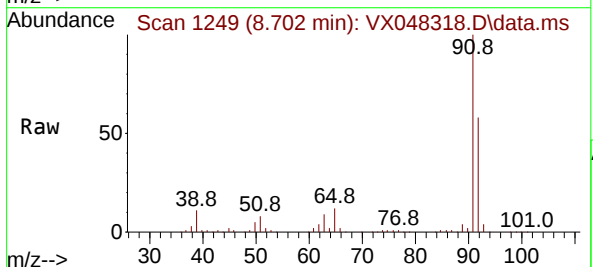
Instrument :
MSVOA_X
ClientSampleId :
SB-1DL

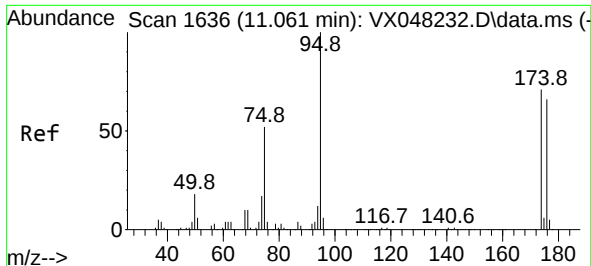
Tgt Ion: 98 Resp: 290229
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



#52
Toluene
Concen: 72.375 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048318.D
Acq: 23 Oct 2025 12:41

Tgt Ion: 92 Resp: 331493
Ion Ratio Lower Upper
92 100
91 170.1 136.1 204.1





#62

4-Bromofluorobenzene

Concen: 55.866 ug/l

RT: 11.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048318.D

Acq: 23 Oct 2025 12:41

Instrument :

MSVOA_X

ClientSampleId :

SB-1DL

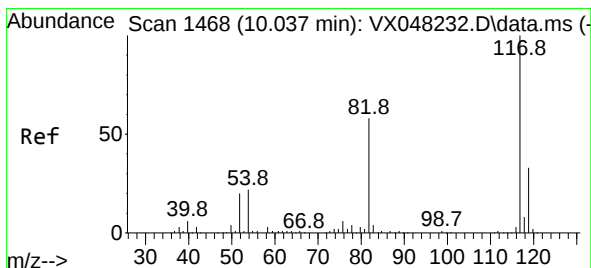
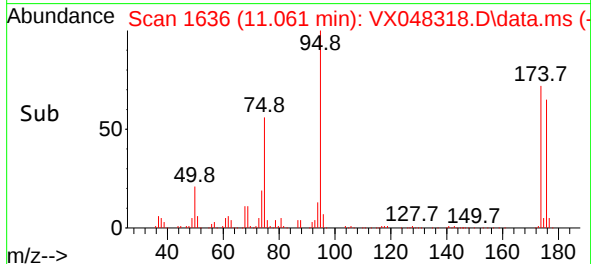
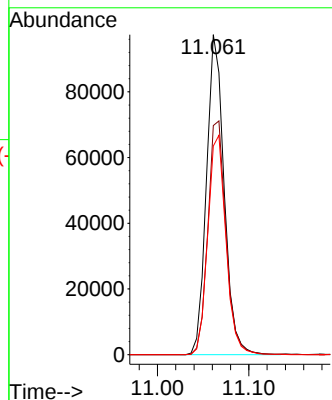
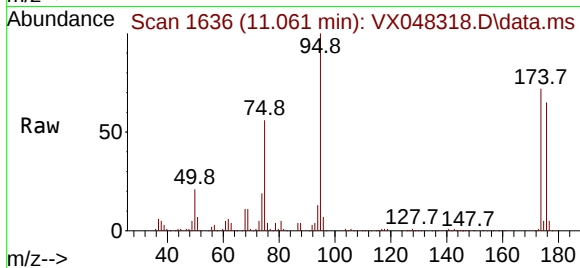
Tgt Ion: 95 Resp: 130151

Ion Ratio Lower Upper

95 100

174 75.4 0.0 147.8

176 70.6 0.0 142.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VX048318.D

Acq: 23 Oct 2025 12:41

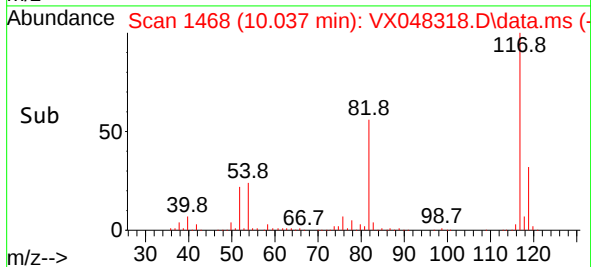
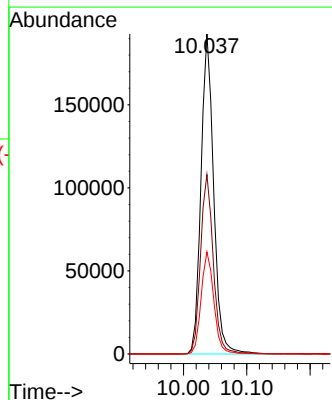
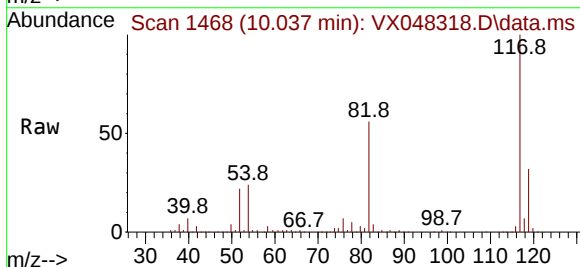
Tgt Ion: 117 Resp: 269133

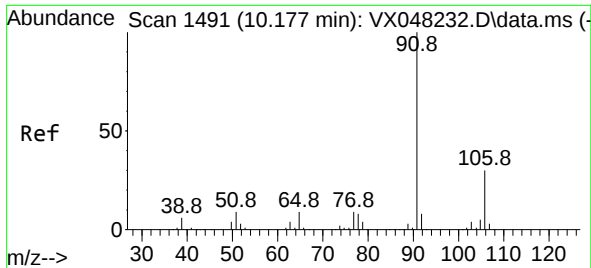
Ion Ratio Lower Upper

117 100

82 56.0 46.5 69.7

119 31.9 25.9 38.9

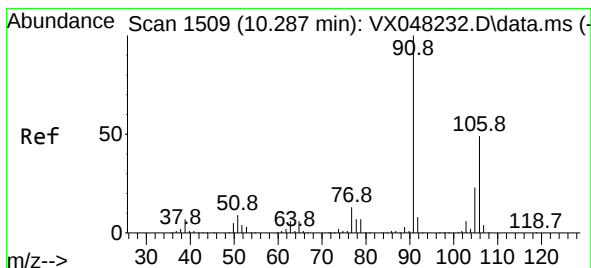
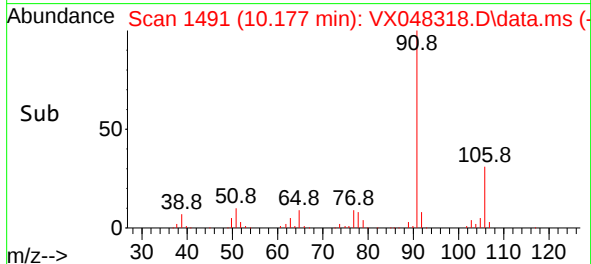
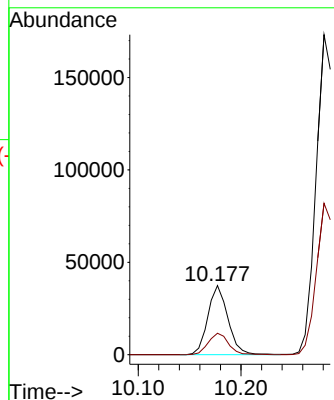
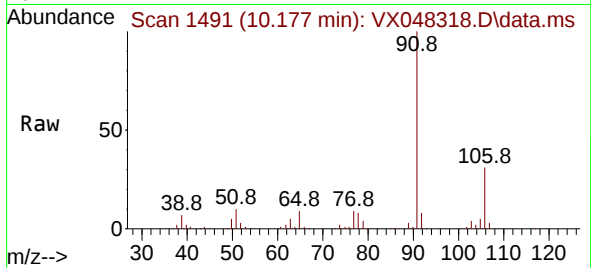




#67
Ethyl Benzene
Concen: 4.918 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048318.D
Acq: 23 Oct 2025 12:41

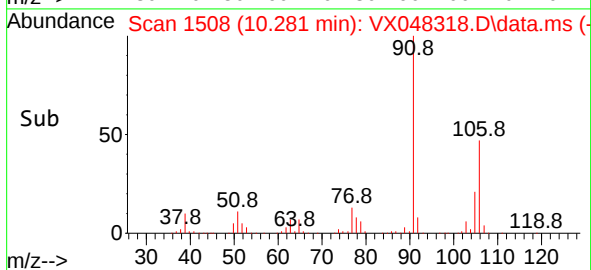
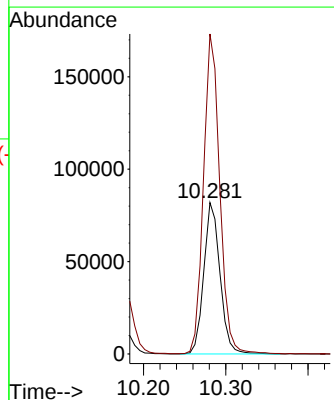
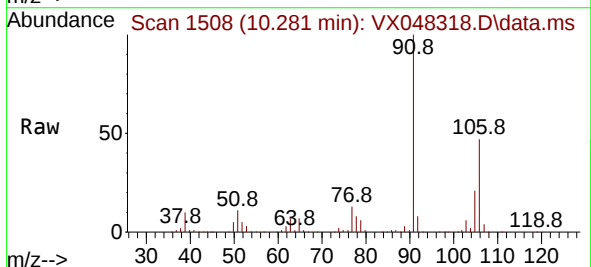
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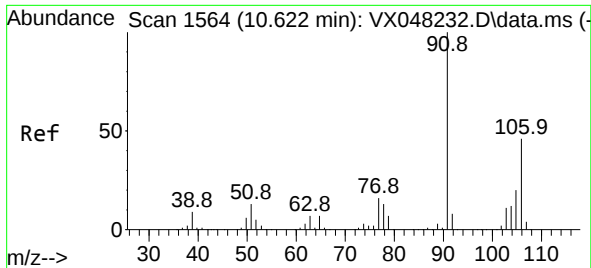
Tgt Ion: 91 Resp: 50689
Ion Ratio Lower Upper
91 100
106 31.1 23.8 35.6



#68
m/p-Xylenes
Concen: 29.357 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048318.D
Acq: 23 Oct 2025 12:41

Tgt Ion: 106 Resp: 112432
Ion Ratio Lower Upper
106 100
91 211.5 167.9 251.9

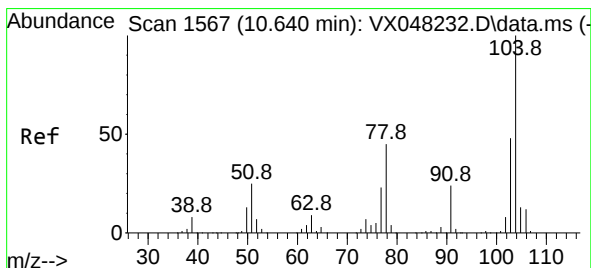
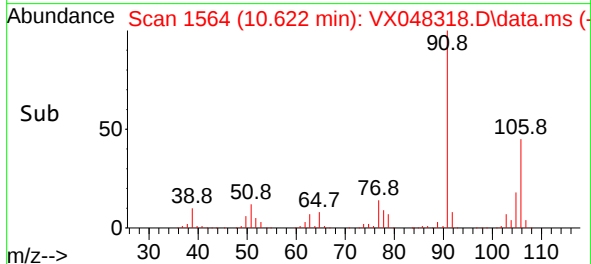
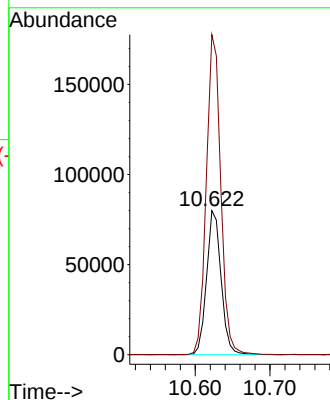
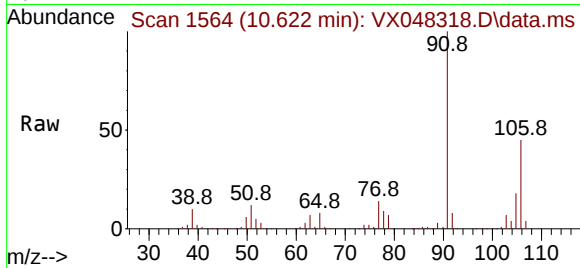




#69
o-Xylene
Concen: 29.085 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VX048318.D
Acq: 23 Oct 2025 12:41

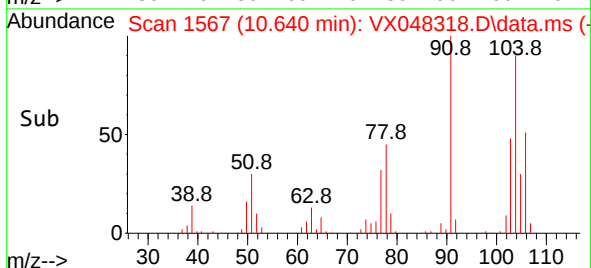
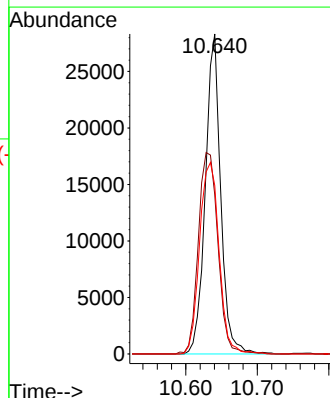
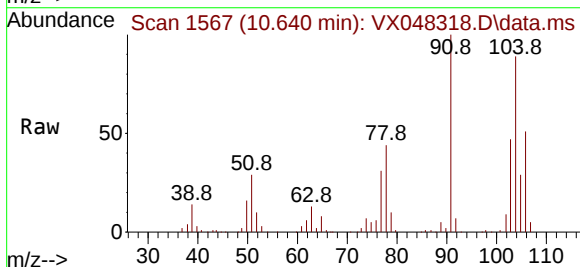
Instrument :
MSVOA_X
ClientSampleId :
SB-1DL

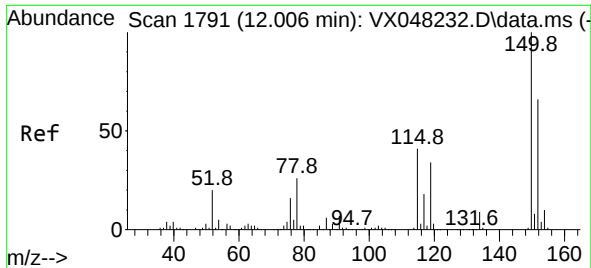
Tgt Ion:106 Resp: 107540
Ion Ratio Lower Upper
106 100
91 221.5 111.3 333.9



#70
Styrene
Concen: 6.720 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048318.D
Acq: 23 Oct 2025 12:41

Tgt Ion:104 Resp: 42310
Ion Ratio Lower Upper
104 100
78 80.1 42.2 63.4#
103 75.9 43.0 64.4#

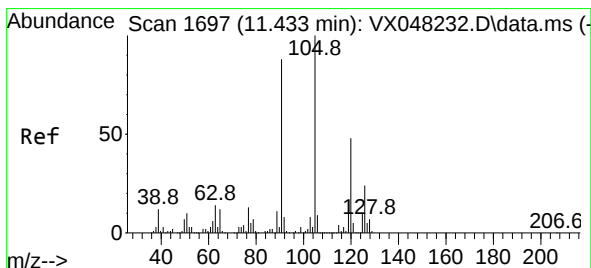
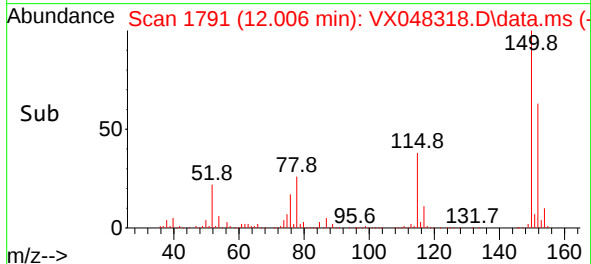
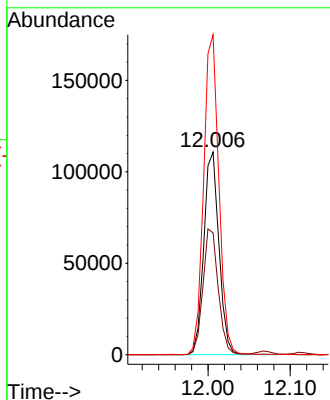
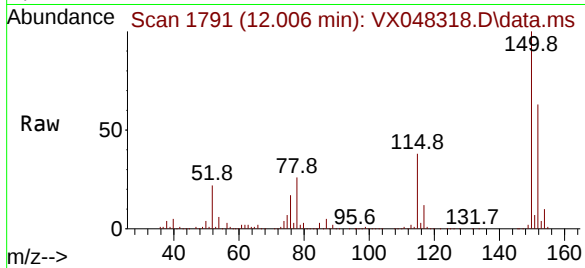




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX048318.D
 Acq: 23 Oct 2025 12:41

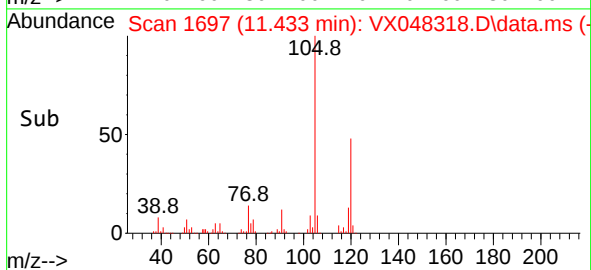
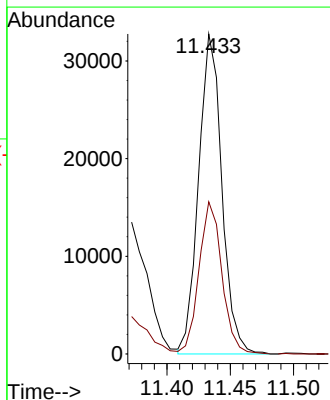
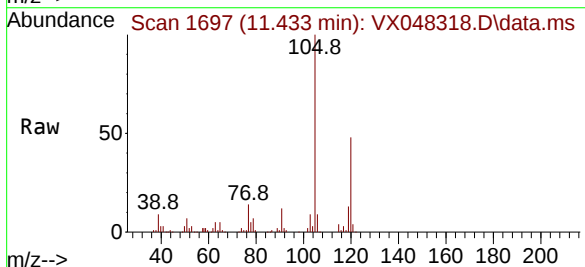
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1DL

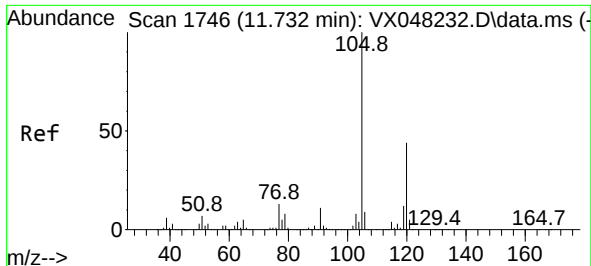
Tgt Ion:152 Resp: 142208
 Ion Ratio Lower Upper
 152 100
 115 62.5 43.1 129.4
 150 158.2 0.0 353.0



#80
 1,3,5-Trimethylbenzene
 Concen: 4.880 ug/l
 RT: 11.433 min Scan# 1697
 Delta R.T. 0.000 min
 Lab File: VX048318.D
 Acq: 23 Oct 2025 12:41

Tgt Ion:105 Resp: 41944
 Ion Ratio Lower Upper
 105 100
 120 46.8 24.0 72.0

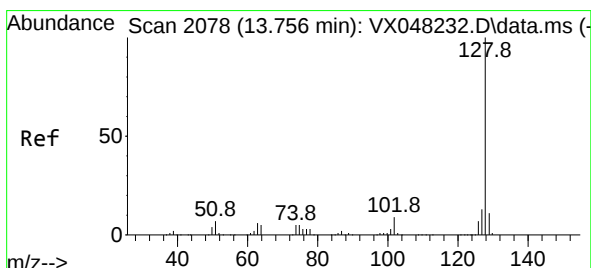
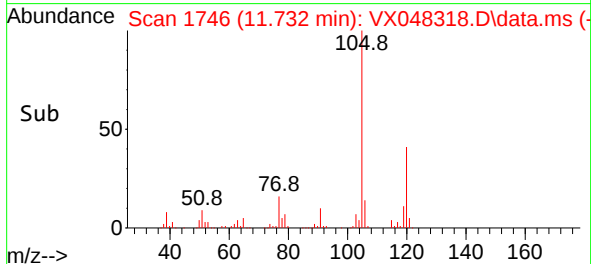
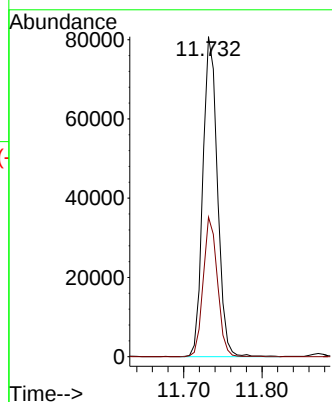
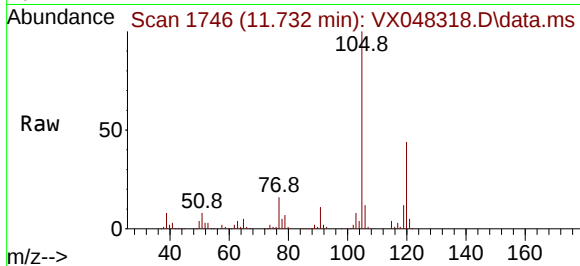




#84
1,2,4-Trimethylbenzene
Concen: 12.183 ug/l
RT: 11.732 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048318.D
Acq: 23 Oct 2025 12:41

Instrument :
MSVOA_X
ClientSampleId :
SB-1DL

Tgt Ion:105 Resp: 104508
Ion Ratio Lower Upper
105 100
120 42.4 22.1 66.5



#95
Naphthalene
Concen: 82.766 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VX048318.D
Acq: 23 Oct 2025 12:41

Tgt Ion:128 Resp: 683573
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.6 12.8

