

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102325\
 Data File : VX048323.D
 Acq On : 23 Oct 2025 14:25
 Operator : JC/MD
 Sample : Q3414-06 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6

Quant Time: Oct 24 05:45:26 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)

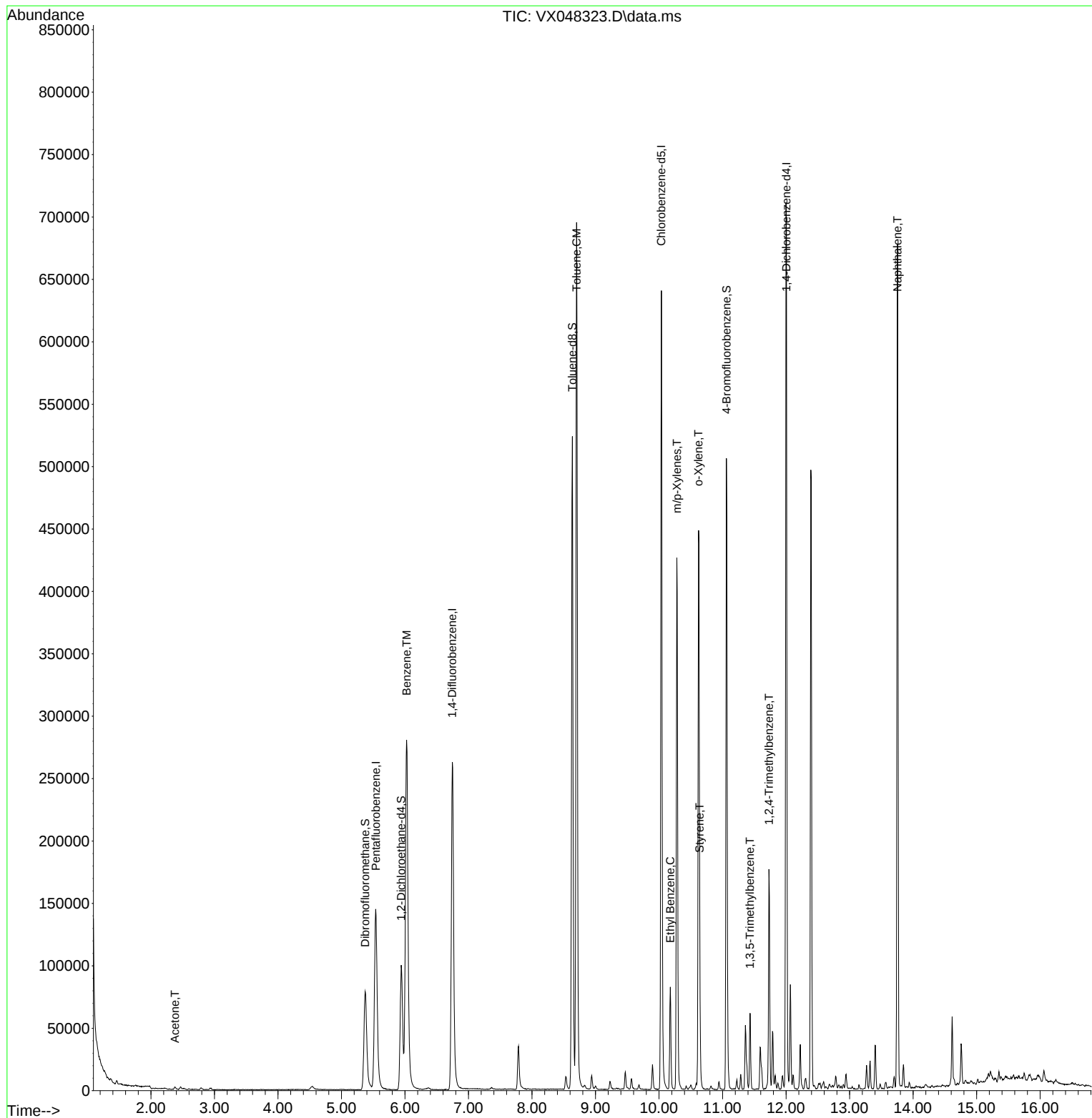
Internal Standards						
1) Pentafluorobenzene	5.544	168	142499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	283324	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	288381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	146201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	110027	55.070	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.140%	
35) Dibromofluoromethane	5.373	113	76253	39.423	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 78.840%	
50) Toluene-d8	8.635	98	320539	47.279	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.560%	
62) 4-Bromofluorobenzene	11.061	95	139602	54.126	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.260%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	2678	3.907	ug/l	94
40) Benzene	6.025	78	361148	45.247	ug/l	99
52) Toluene	8.702	92	267862	52.825	ug/l	100
67) Ethyl Benzene	10.177	91	48424	4.384	ug/l	100
68) m/p-Xylenes	10.281	106	100735	24.547	ug/l	99
69) o-Xylene	10.622	106	93716	23.654	ug/l	99
70) Styrene	10.640	104	34371	5.095	ug/l #	62
80) 1,3,5-Trimethylbenzene	11.433	105	26226	2.968	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	74707	8.471	ug/l	99
95) Naphthalene	13.756	128	398496	46.931	ug/l	100

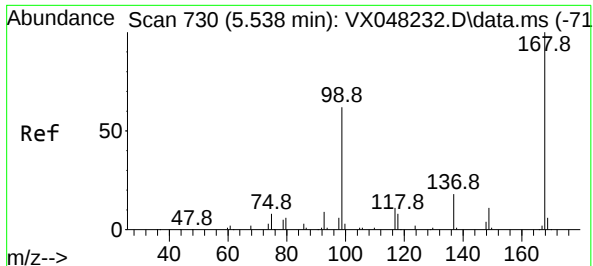
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

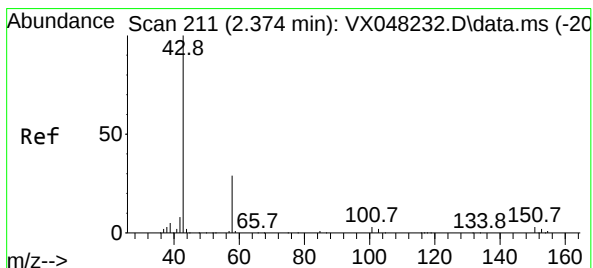
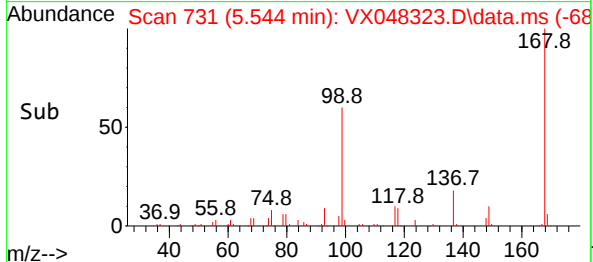
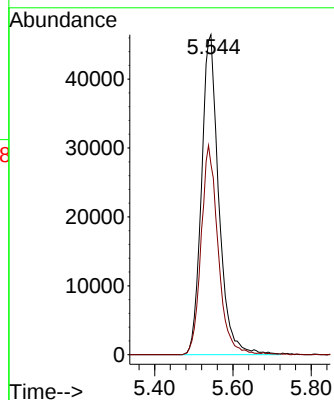
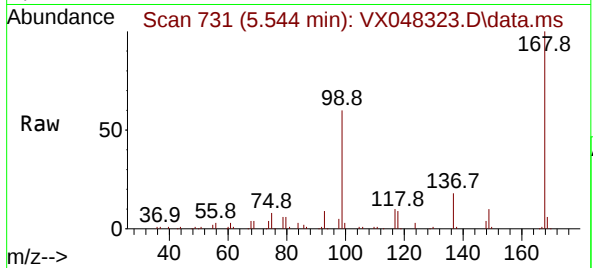




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048323.D
Acq: 23 Oct 2025 14:25

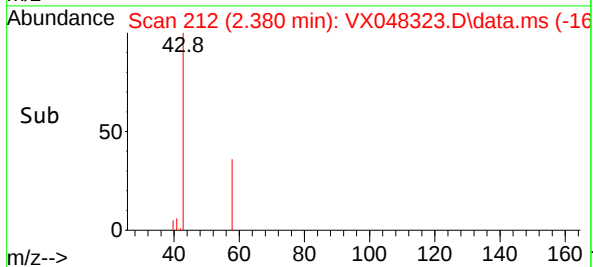
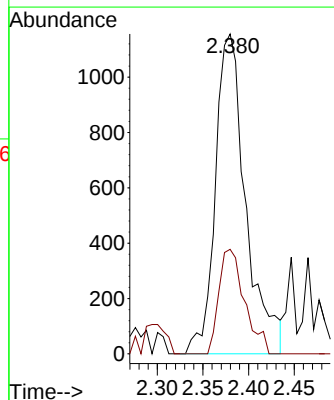
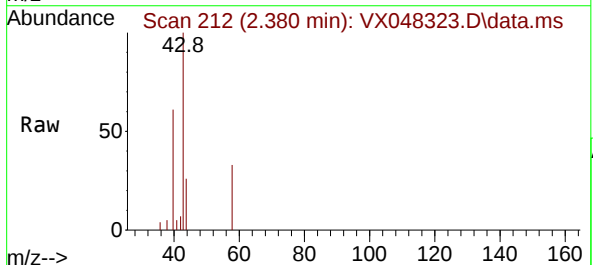
Instrument :
MSVOA_X
ClientSampleId :
SB-6

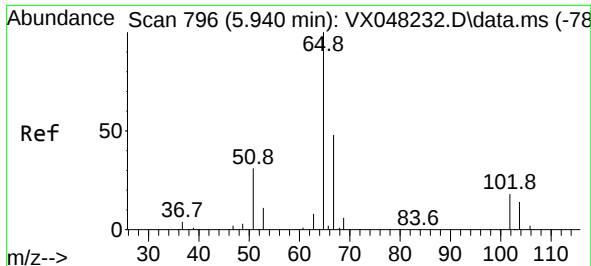
Tgt Ion:168 Resp: 142499
Ion Ratio Lower Upper
168 100
99 59.6 46.4 69.6



#16
Acetone
Concen: 3.907 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048323.D
Acq: 23 Oct 2025 14:25

Tgt Ion: 43 Resp: 2678
Ion Ratio Lower Upper
43 100
58 26.0 23.4 35.2

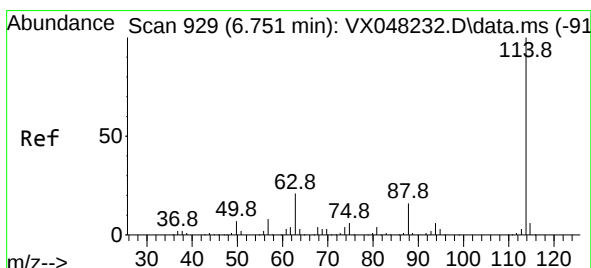
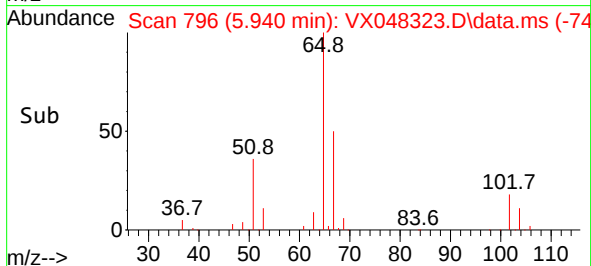
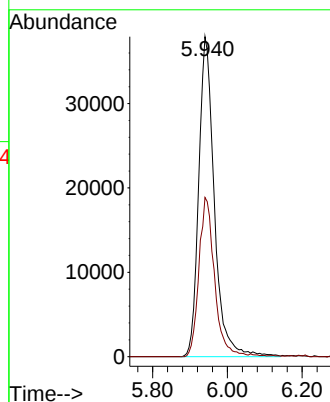
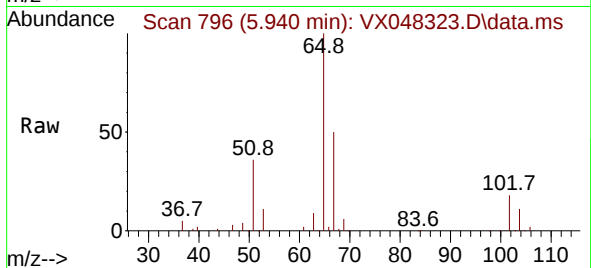




#33
 1,2-Dichloroethane-d4
 Concen: 55.070 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX048323.D
 Acq: 23 Oct 2025 14:25

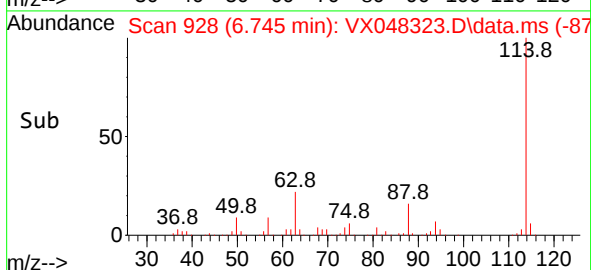
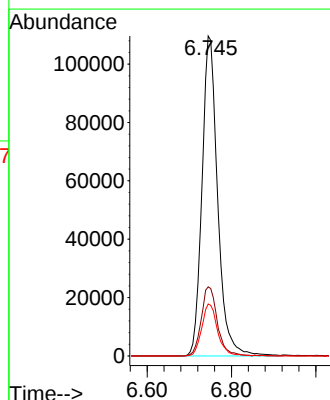
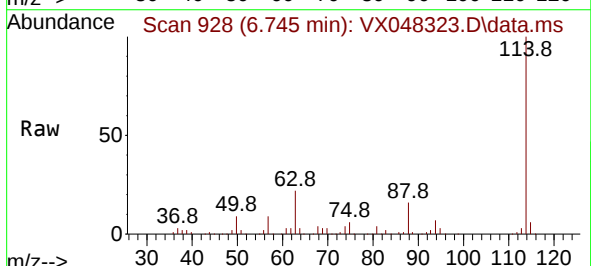
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6

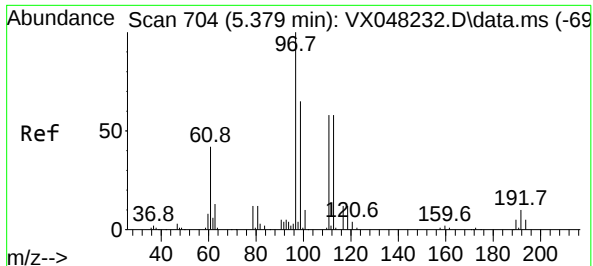
Tgt Ion: 65 Resp: 110027
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048323.D
 Acq: 23 Oct 2025 14:25

Tgt Ion: 114 Resp: 283324
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 16.3 0.0 33.6

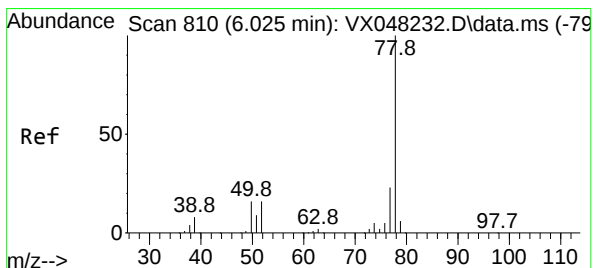
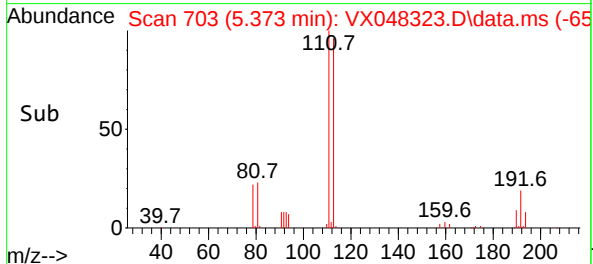
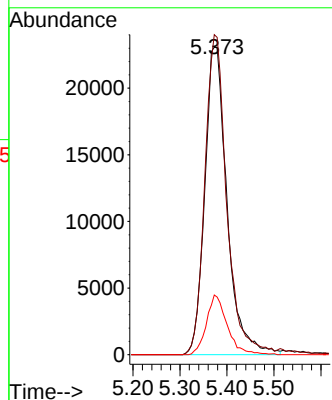
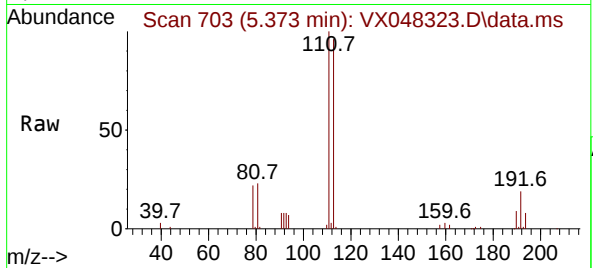




#35
Dibromofluoromethane
Concen: 39.423 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX048323.D
Acq: 23 Oct 2025 14:25

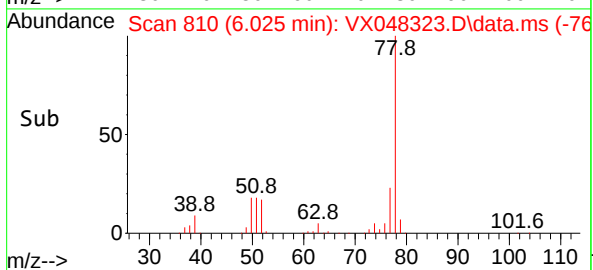
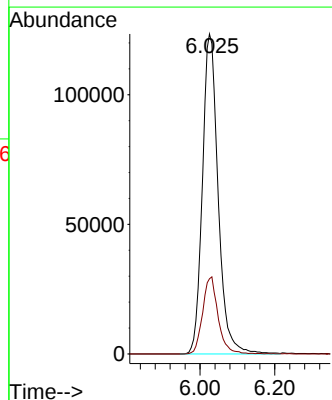
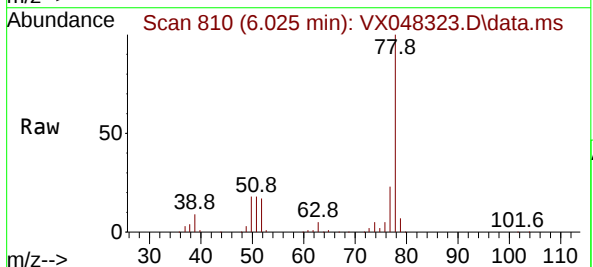
Instrument :
MSVOA_X
ClientSampleId :
SB-6

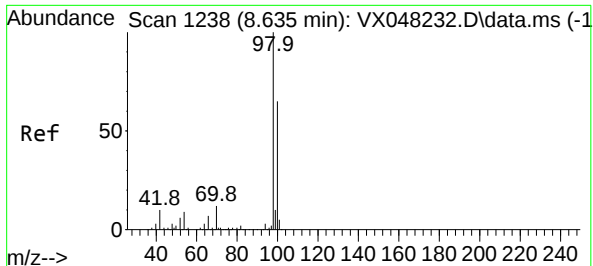
Tgt Ion:113 Resp: 76253
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 18.1 15.1 22.7



#40
Benzene
Concen: 45.247 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048323.D
Acq: 23 Oct 2025 14:25

Tgt Ion: 78 Resp: 361148
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9

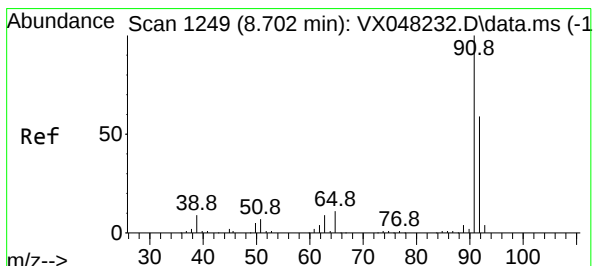
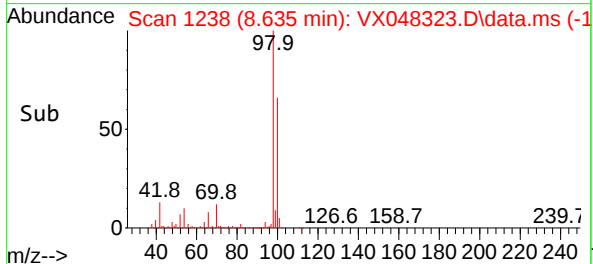
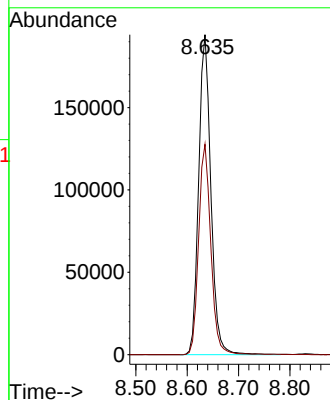
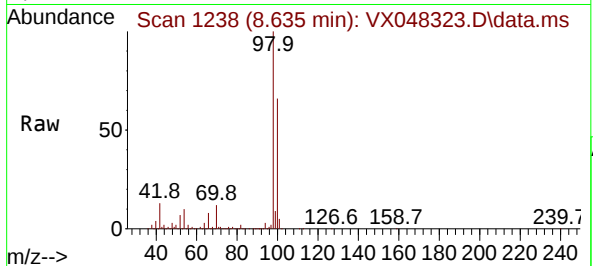




#50
Toluene-d8
Concen: 47.279 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048323.D
Acq: 23 Oct 2025 14:25

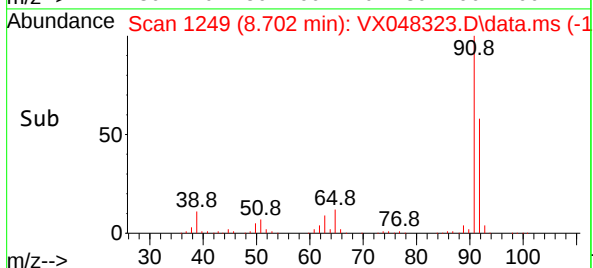
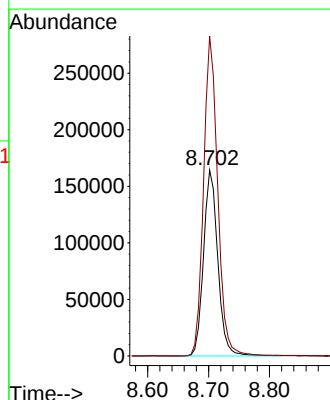
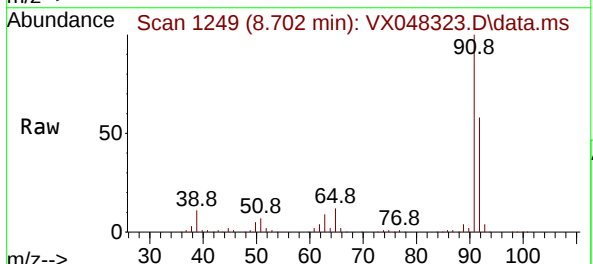
Instrument :
MSVOA_X
ClientSampleId :
SB-6

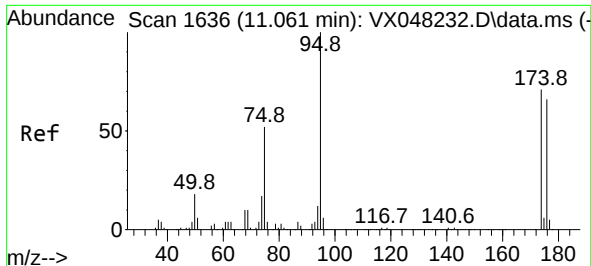
Tgt Ion: 98 Resp: 320539
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4



#52
Toluene
Concen: 52.825 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048323.D
Acq: 23 Oct 2025 14:25

Tgt Ion: 92 Resp: 267862
Ion Ratio Lower Upper
92 100
91 170.8 136.1 204.1





#62

4-Bromofluorobenzene

Concen: 54.126 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048323.D

Acq: 23 Oct 2025 14:25

Instrument :

MSVOA_X

ClientSampleId :

SB-6

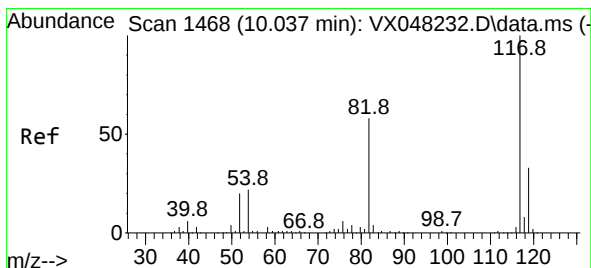
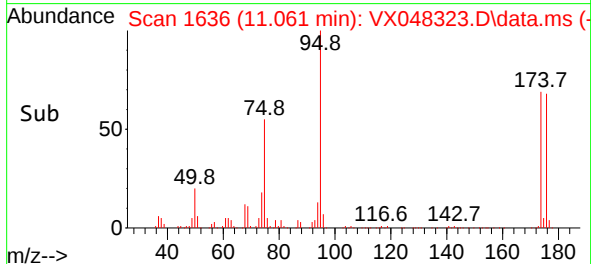
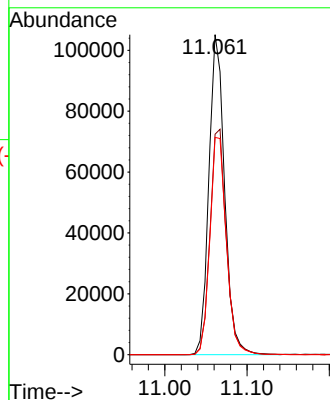
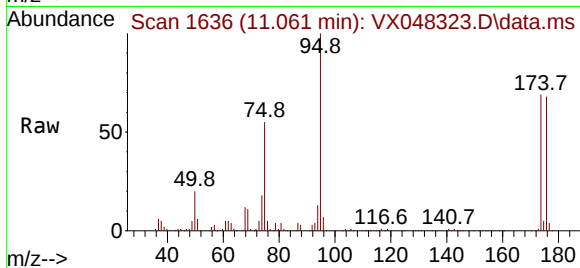
Tgt Ion: 95 Resp: 139602

Ion Ratio Lower Upper

95 100

174 73.0 0.0 147.8

176 71.4 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: VX048323.D

Acq: 23 Oct 2025 14:25

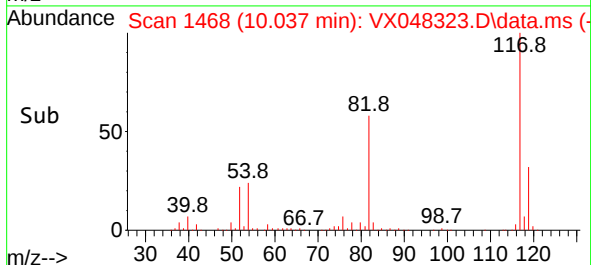
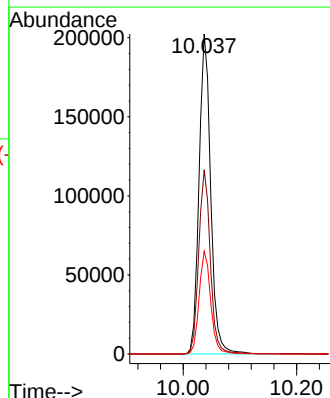
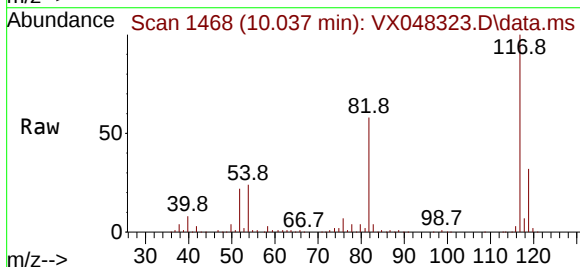
Tgt Ion: 117 Resp: 288381

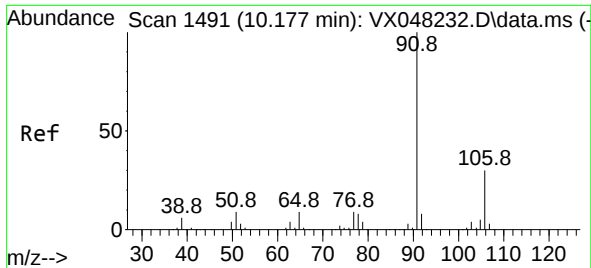
Ion Ratio Lower Upper

117 100

82 57.6 46.5 69.7

119 32.1 25.9 38.9

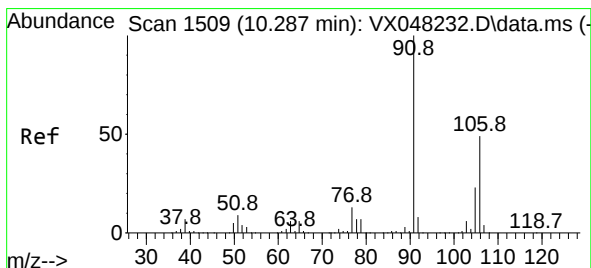
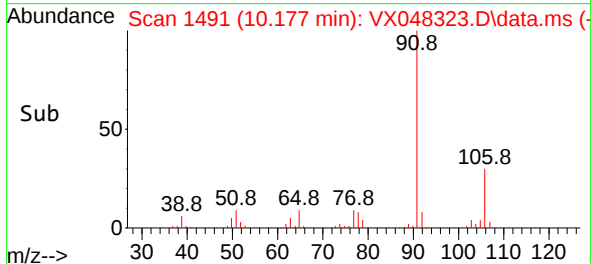
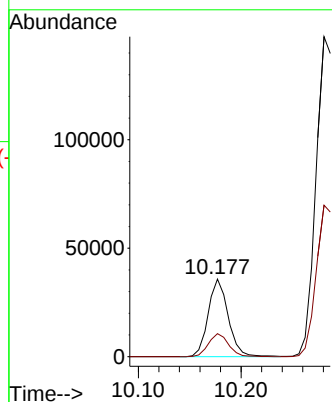
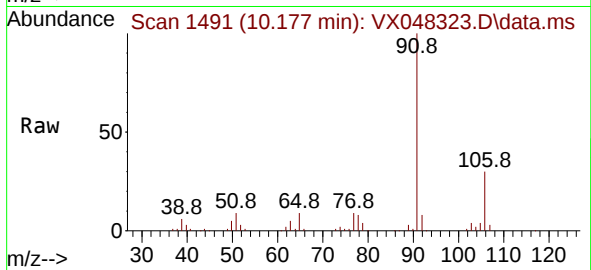




#67
Ethyl Benzene
Concen: 4.384 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048323.D
Acq: 23 Oct 2025 14:25

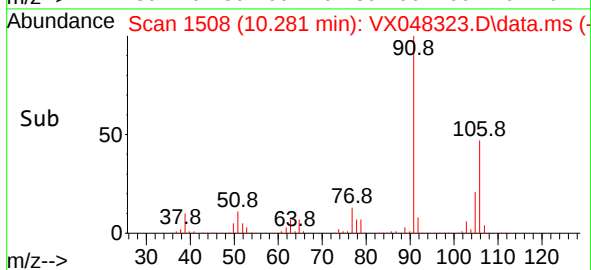
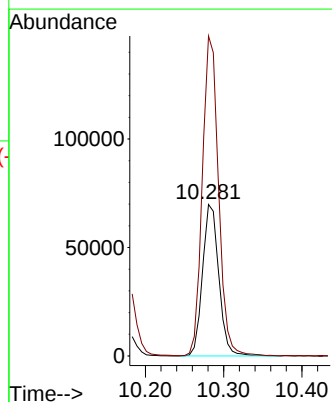
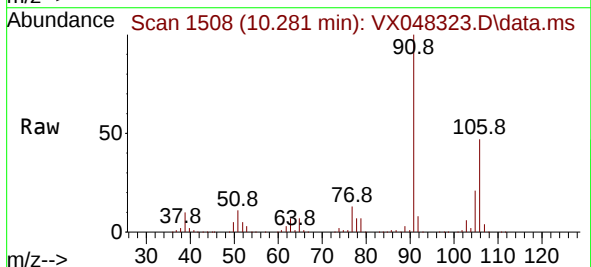
Instrument :
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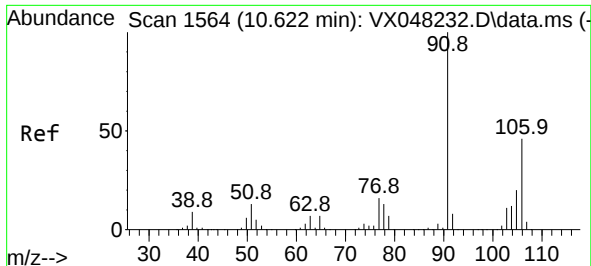
Tgt Ion: 91 Resp: 48424
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6



#68
m/p-Xylenes
Concen: 24.547 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048323.D
Acq: 23 Oct 2025 14:25

Tgt Ion:106 Resp: 100735
Ion Ratio Lower Upper
106 100
91 210.8 167.9 251.9





#69

o-Xylene

Concen: 23.654 ug/l

RT: 10.622 min Scan# 1564

Delta R.T. -0.000 min

Lab File: VX048323.D

Acq: 23 Oct 2025 14:25

Instrument :

MSVOA_X

ClientSampleId :

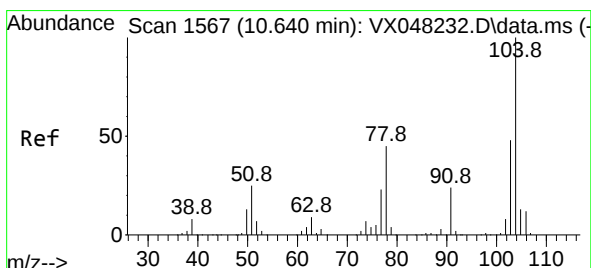
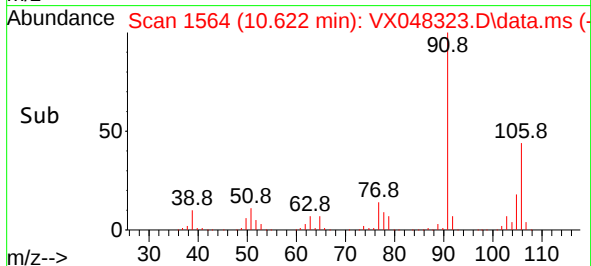
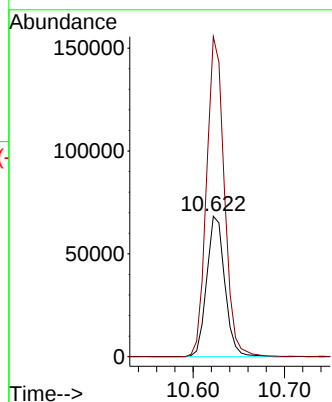
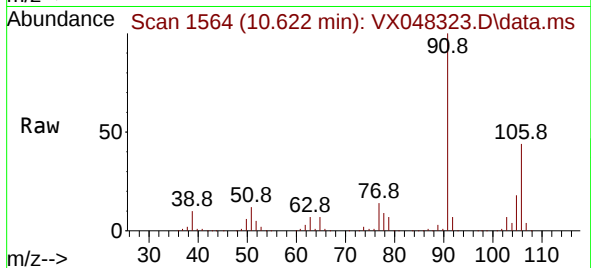
SB-6

Tgt Ion:106 Resp: 93716

Ion Ratio Lower Upper

106 100

91 224.1 111.3 333.9



#70

Styrene

Concen: 5.095 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX048323.D

Acq: 23 Oct 2025 14:25

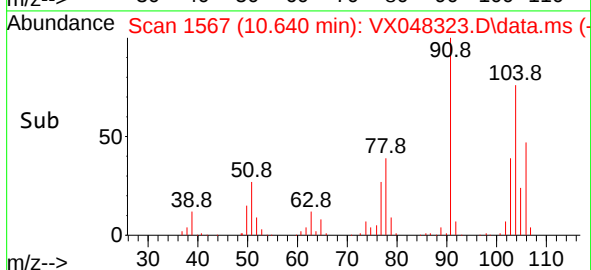
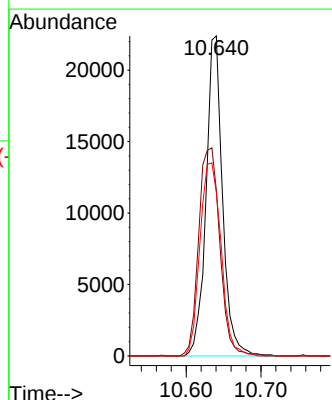
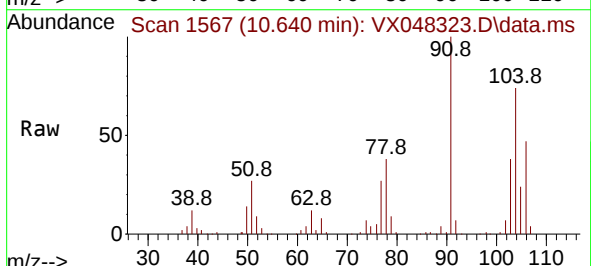
Tgt Ion:104 Resp: 34371

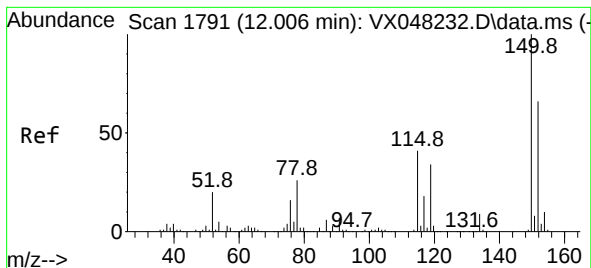
Ion Ratio Lower Upper

104 100

78 83.0 42.2 63.4#

103 77.1 43.0 64.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048323.D

Acq: 23 Oct 2025 14:25

Instrument :

MSVOA_X

ClientSampleId :

SB-6

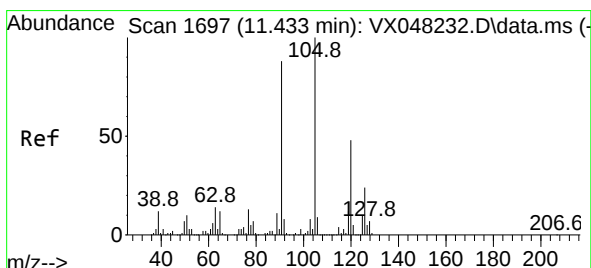
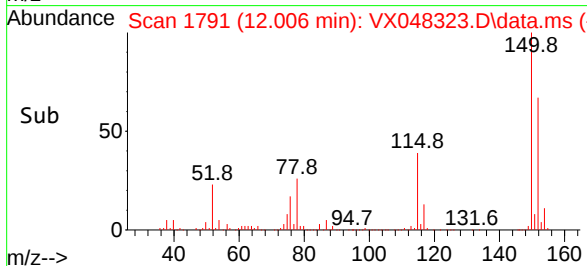
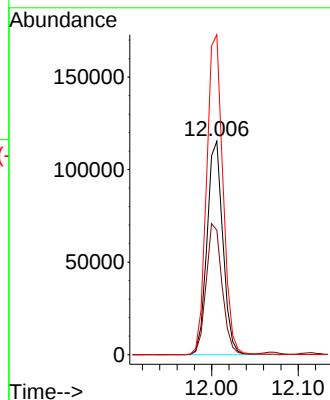
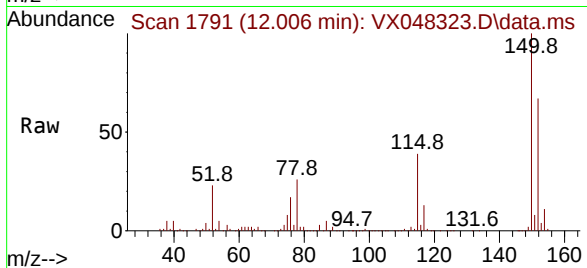
Tgt Ion:152 Resp: 146201

Ion Ratio Lower Upper

152 100

115 62.3 43.1 129.4

150 155.2 0.0 353.0



#80

1,3,5-Trimethylbenzene

Concen: 2.968 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VX048323.D

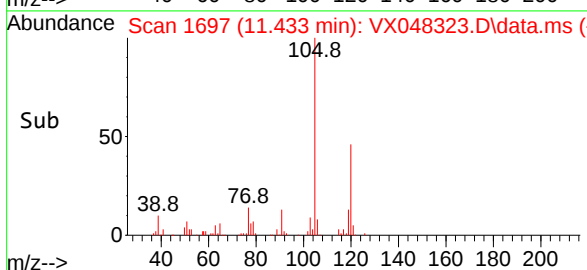
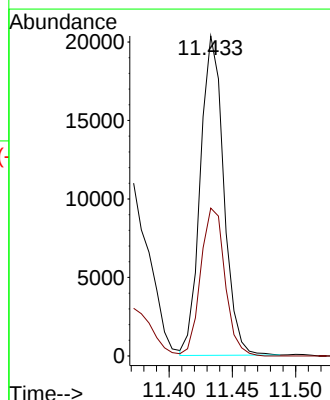
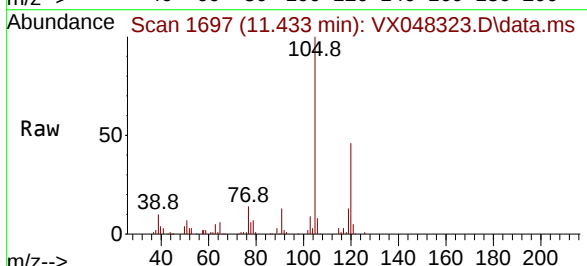
Acq: 23 Oct 2025 14:25

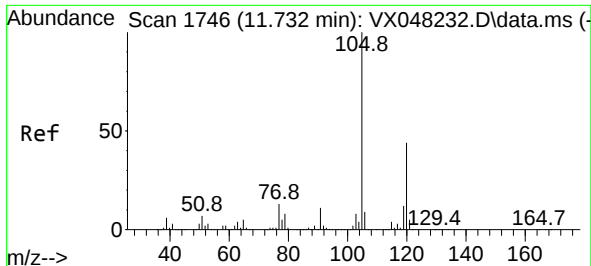
Tgt Ion:105 Resp: 26226

Ion Ratio Lower Upper

105 100

120 48.1 24.0 72.0

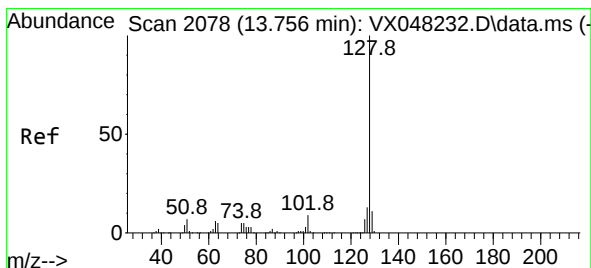
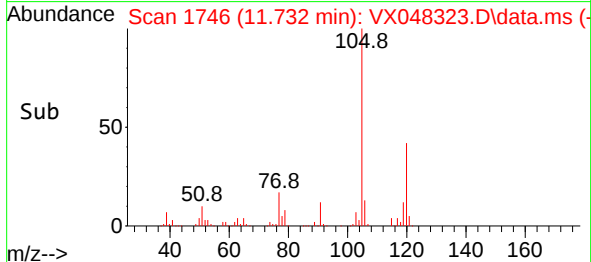
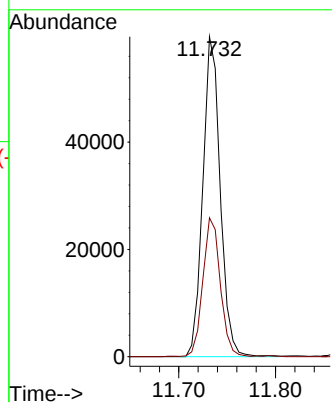
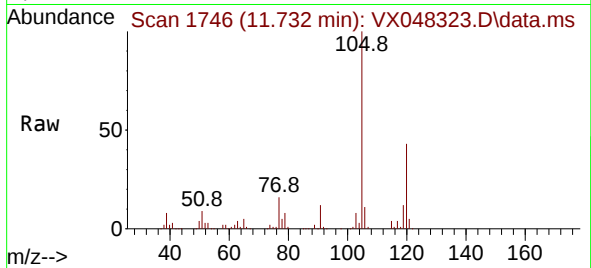




#84
1,2,4-Trimethylbenzene
Concen: 8.471 ug/l
RT: 11.732 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048323.D
Acq: 23 Oct 2025 14:25

Instrument :
MSVOA_X
ClientSampleId :
SB-6

Tgt Ion:105 Resp: 74707
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.5



#95
Naphthalene
Concen: 46.931 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048323.D
Acq: 23 Oct 2025 14:25

Tgt Ion:128 Resp: 398496
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 8.6 12.8

