

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102325\
 Data File : VX048331.D
 Acq On : 23 Oct 2025 17:09
 Operator : JC/MD
 Sample : Q3414-04 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-4

Quant Time: Oct 24 05:49:41 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)

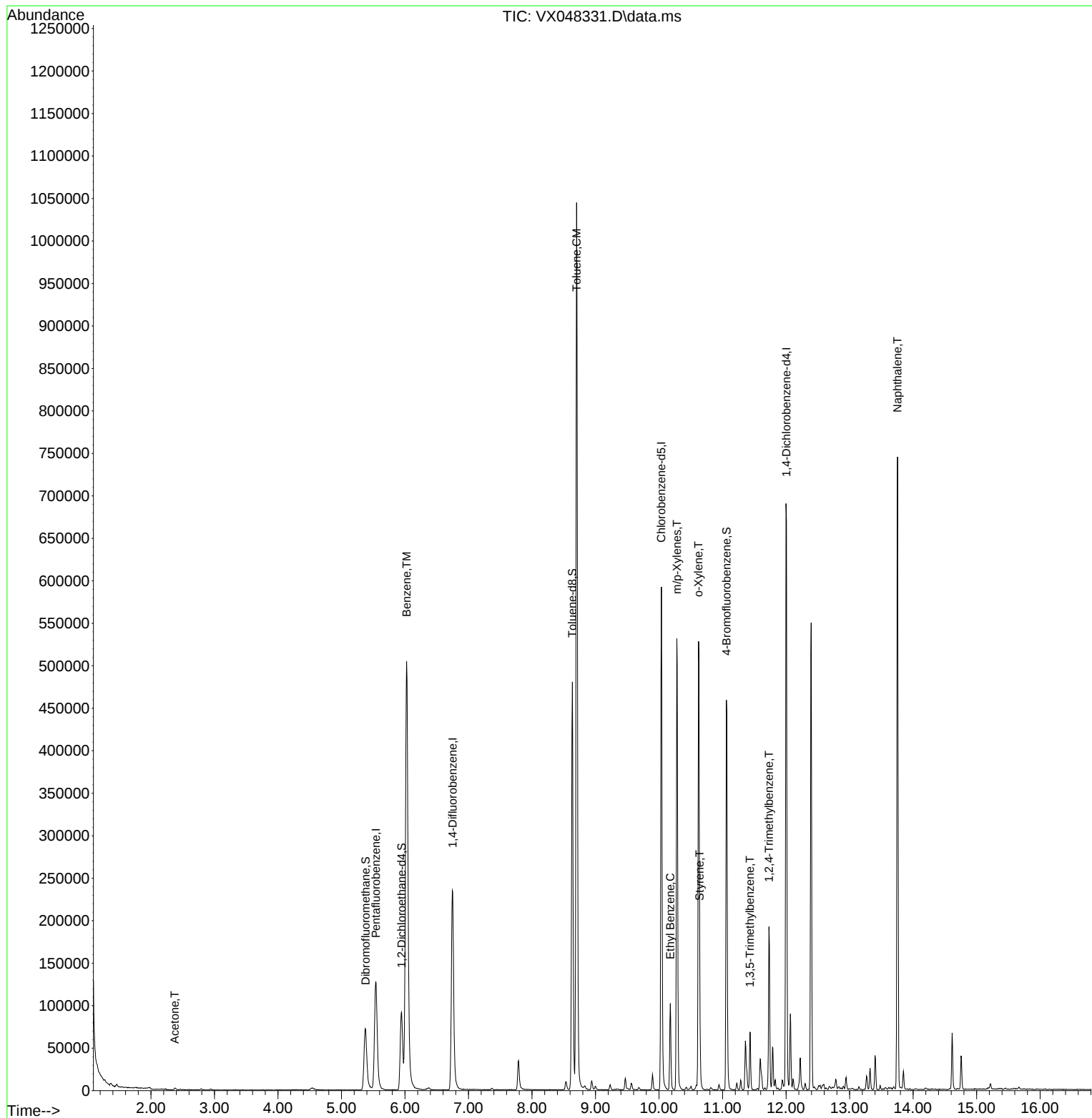
Internal Standards						
1) Pentafluorobenzene	5.544	168	128533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	257143	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	267567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	139217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	102797	57.042	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.080%			
35) Dibromofluoromethane	5.379	113	70529	40.176	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 80.360%			
50) Toluene-d8	8.635	98	288452	46.878	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.760%			
62) 4-Bromofluorobenzene	11.061	95	131108	56.008	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.020%			
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	2872	4.646	ug/l	96
40) Benzene	6.025	78	646561	89.252	ug/l	98
52) Toluene	8.702	92	399804	86.874	ug/l	100
67) Ethyl Benzene	10.177	91	59437	5.800	ug/l	99
68) m/p-Xylenes	10.281	106	123259	32.372	ug/l	100
69) o-Xylene	10.622	106	107237	29.173	ug/l	98
70) Styrene	10.640	104	36238	5.790	ug/l #	54
80) 1,3,5-Trimethylbenzene	11.433	105	29275	3.479	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	83706	9.967	ug/l	97
95) Naphthalene	13.756	128	429379	53.105	ug/l	100

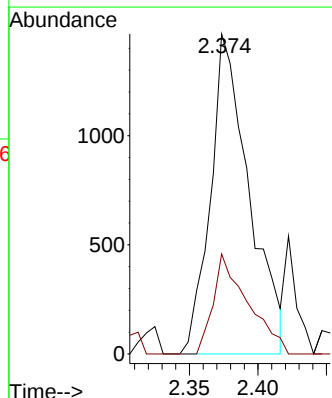
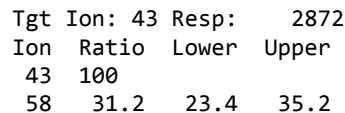
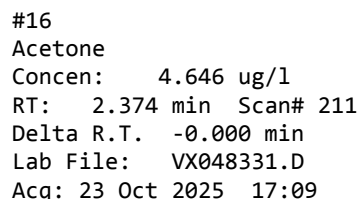
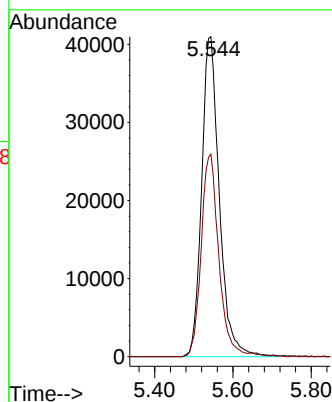
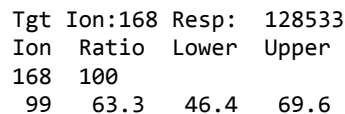
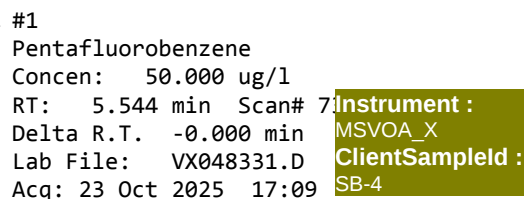
(#) = qualifier out of range (m) = manual integration (+) = signals summed

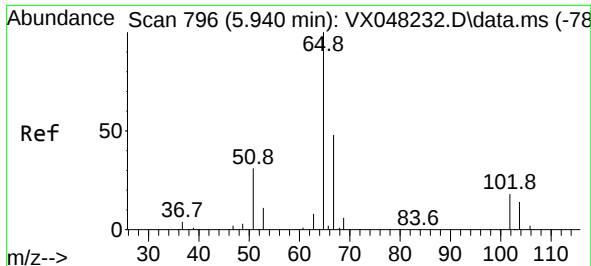
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102325\
Data File : VX048331.D
Acq On : 23 Oct 2025 17:09
Operator : JC/MD
Sample : Q3414-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB-4

Quant Time: Oct 24 05:49:41 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



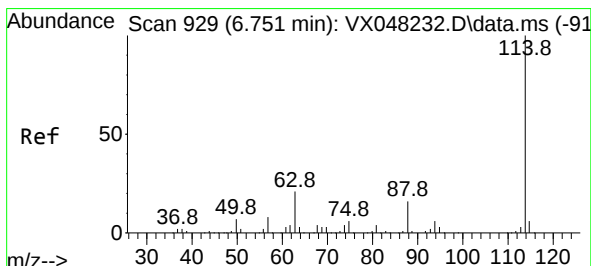
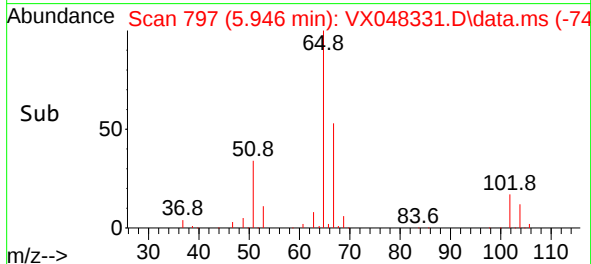
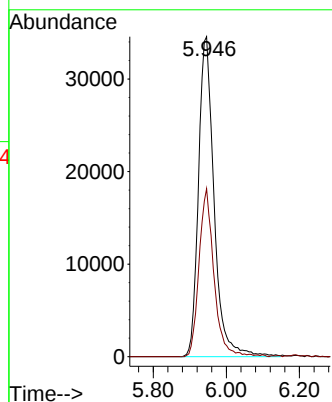
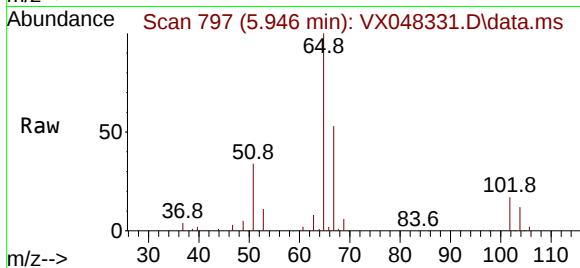




#33
 1,2-Dichloroethane-d4
 Concen: 57.042 ug/l
 RT: 5.946 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VX048331.D
 Acq: 23 Oct 2025 17:09

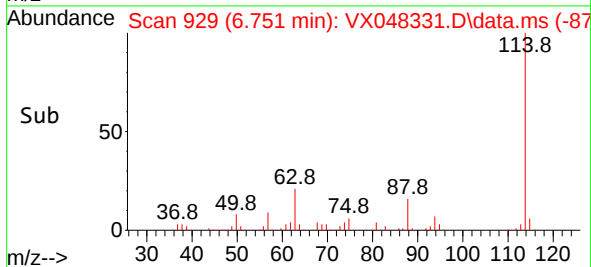
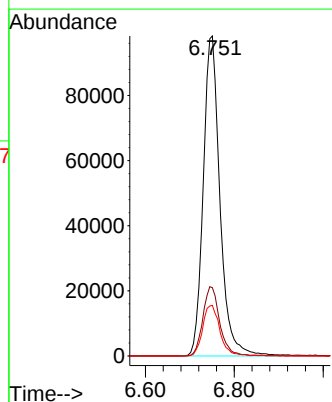
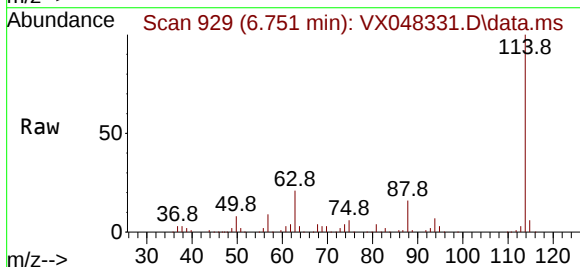
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-4

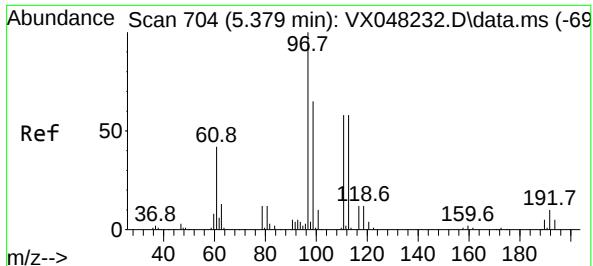
Tgt Ion: 65 Resp: 102797
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX048331.D
 Acq: 23 Oct 2025 17:09

Tgt Ion: 114 Resp: 257143
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.2
 88 15.8 0.0 33.6

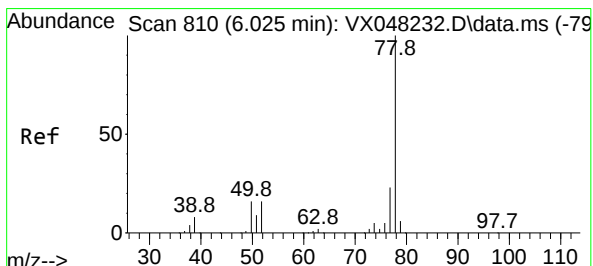
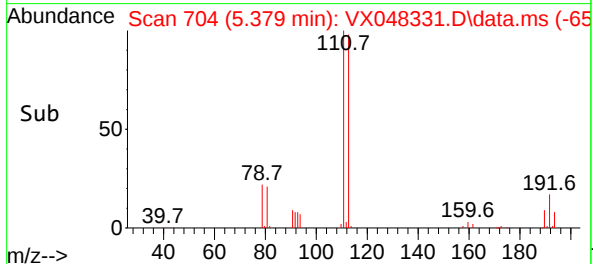
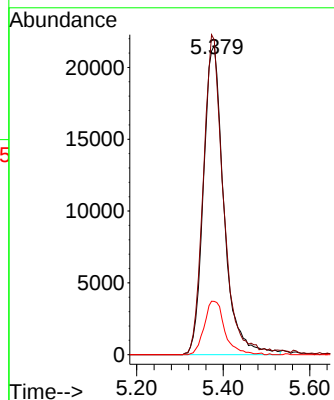
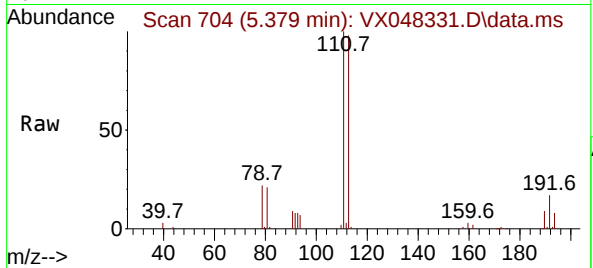




#35
Dibromofluoromethane
Concen: 40.176 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048331.D
Acq: 23 Oct 2025 17:09

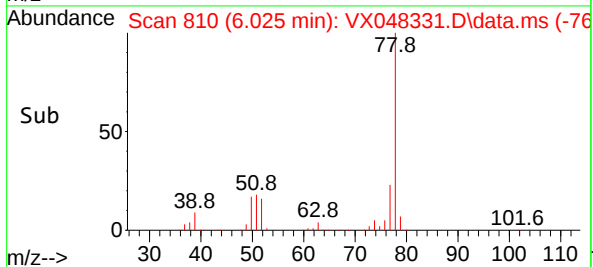
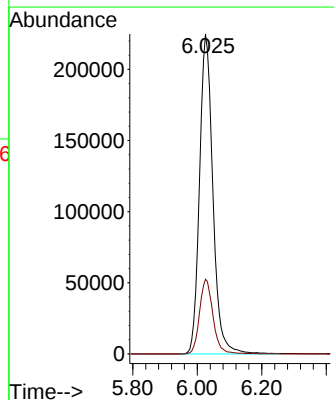
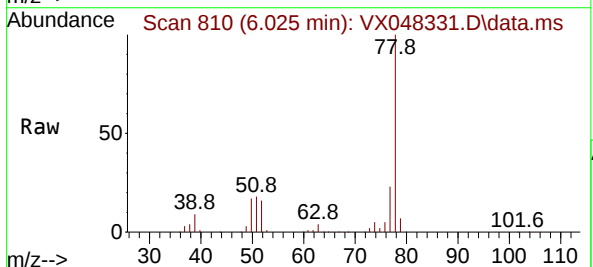
Instrument :
MSVOA_X
ClientSampleId :
SB-4

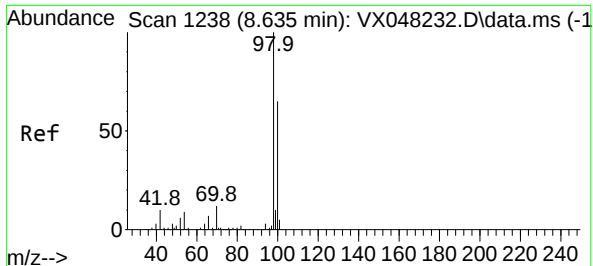
Tgt Ion:113 Resp: 70529
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.4
192 17.3 15.1 22.7



#40
Benzene
Concen: 89.252 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048331.D
Acq: 23 Oct 2025 17:09

Tgt Ion: 78 Resp: 646561
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9

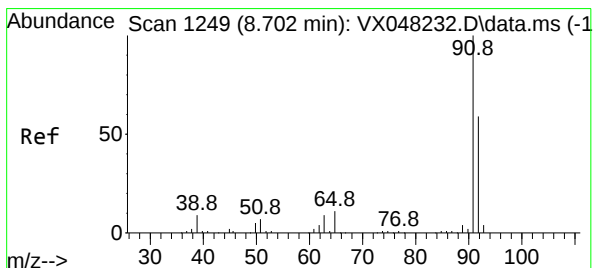
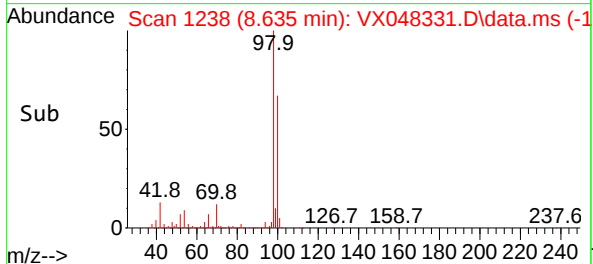
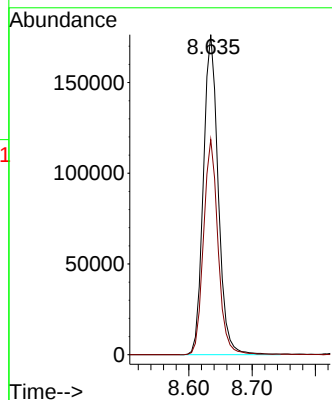
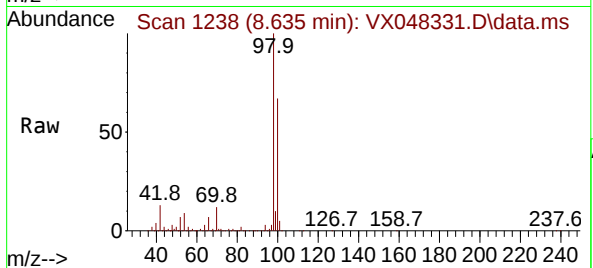




#50
Toluene-d8
Concen: 46.878 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048331.D
Acq: 23 Oct 2025 17:09

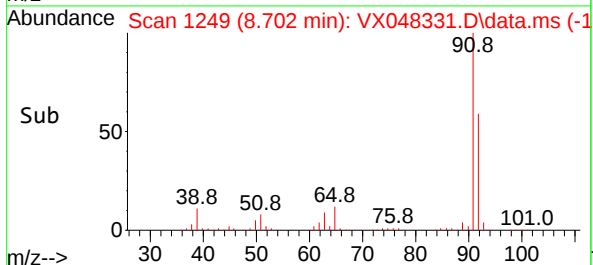
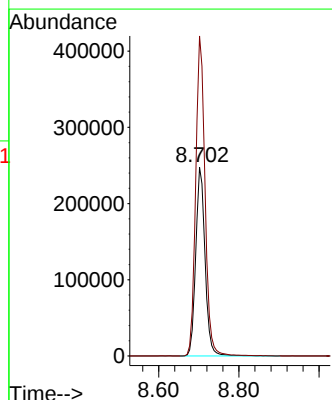
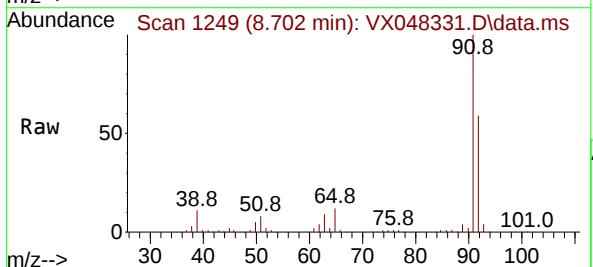
Instrument :
MSVOA_X
ClientSampleId :
SB-4

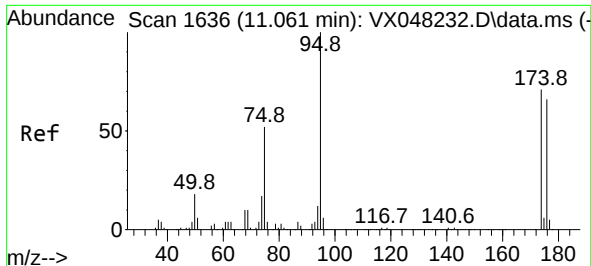
Tgt Ion: 98 Resp: 288452
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4



#52
Toluene
Concen: 86.874 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048331.D
Acq: 23 Oct 2025 17:09

Tgt Ion: 92 Resp: 399804
Ion Ratio Lower Upper
92 100
91 169.8 136.1 204.1

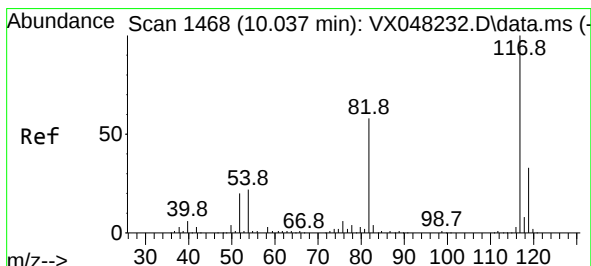
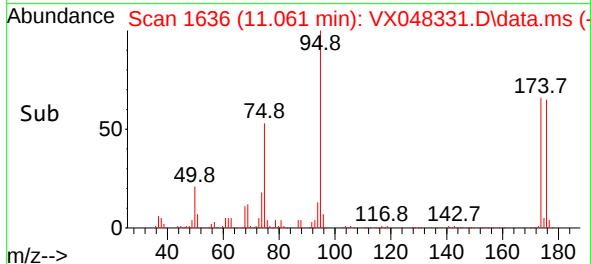
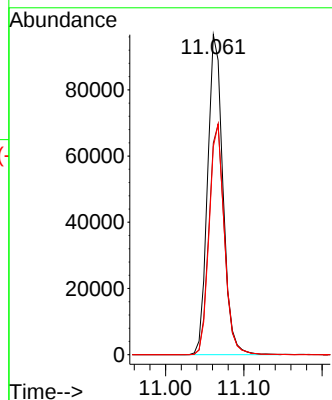
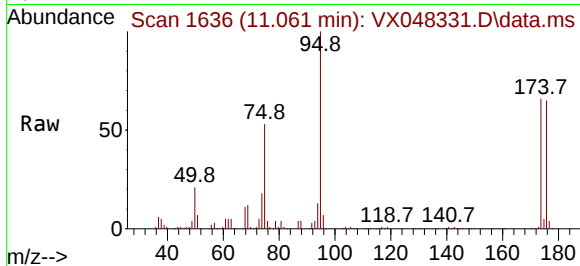




#62
4-Bromofluorobenzene
Concen: 56.008 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048331.D
Acq: 23 Oct 2025 17:09

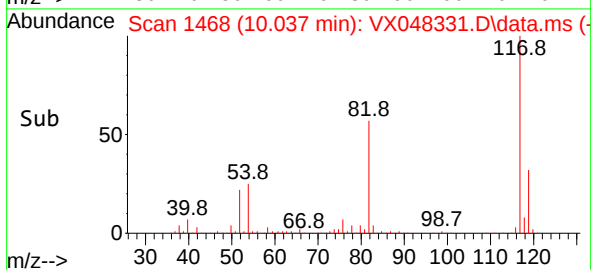
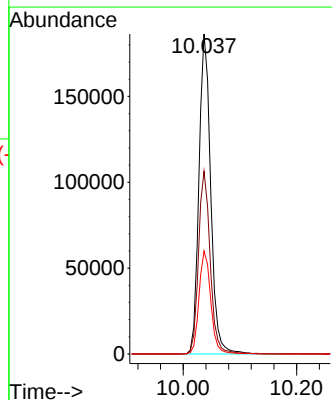
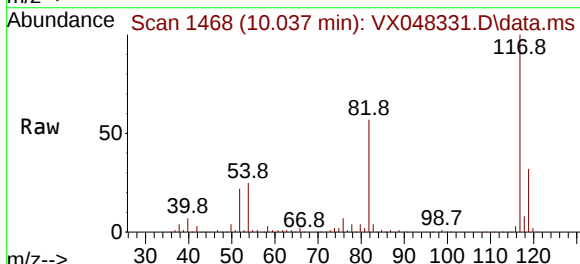
Instrument :
MSVOA_X
ClientSampleId :
SB-4

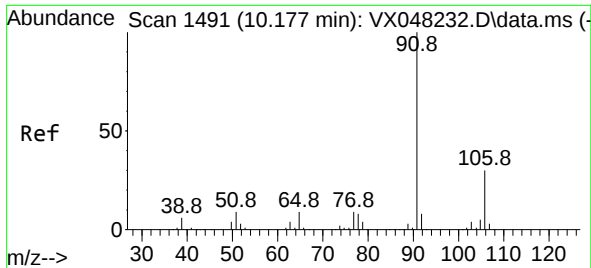
Tgt Ion: 95 Resp: 131108
Ion Ratio Lower Upper
95 100
174 72.1 0.0 147.8
176 71.2 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048331.D
Acq: 23 Oct 2025 17:09

Tgt Ion: 117 Resp: 267567
Ion Ratio Lower Upper
117 100
82 57.1 46.5 69.7
119 32.1 25.9 38.9

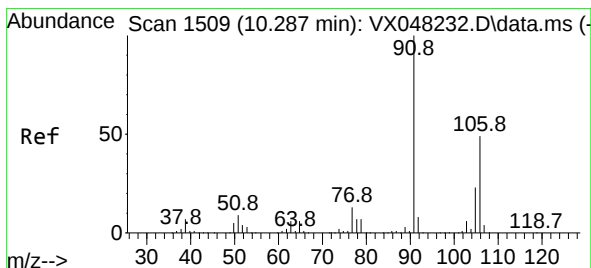
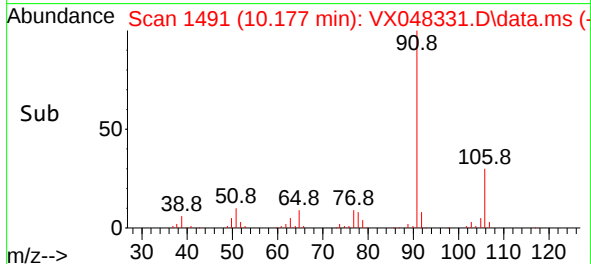
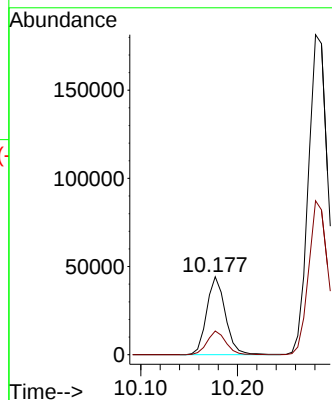
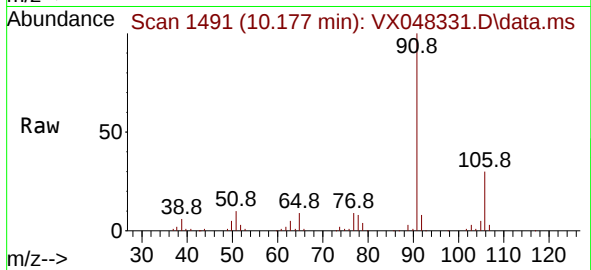




#67
Ethyl Benzene
Concen: 5.800 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048331.D
Acq: 23 Oct 2025 17:09

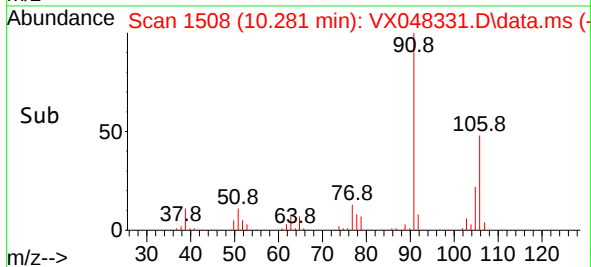
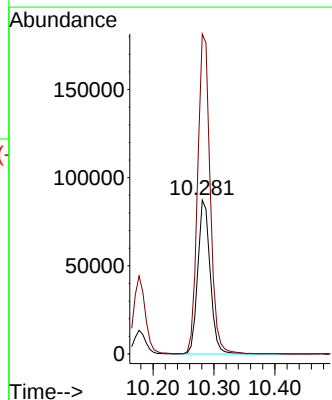
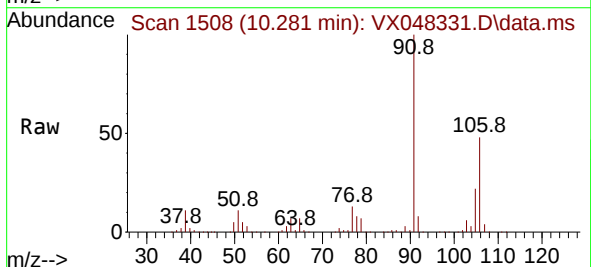
Instrument :
MSVOA_X
ClientSampleId :
SB-4

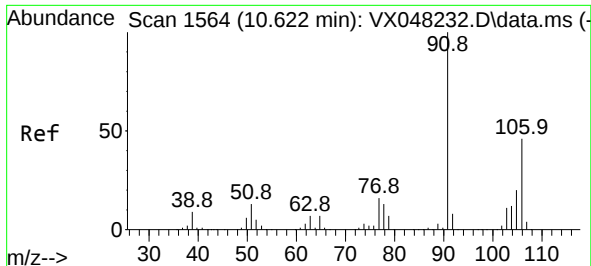
Tgt Ion: 91 Resp: 59437
Ion Ratio Lower Upper
91 100
106 30.3 23.8 35.6



#68
m/p-Xylenes
Concen: 32.372 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048331.D
Acq: 23 Oct 2025 17:09

Tgt Ion: 106 Resp: 123259
Ion Ratio Lower Upper
106 100
91 210.3 167.9 251.9





#69

o-Xylene

Concen: 29.173 ug/l

RT: 10.622 min Scan# 1564

Delta R.T. -0.000 min

Lab File: VX048331.D

Acq: 23 Oct 2025 17:09

Instrument :

MSVOA_X

ClientSampleId :

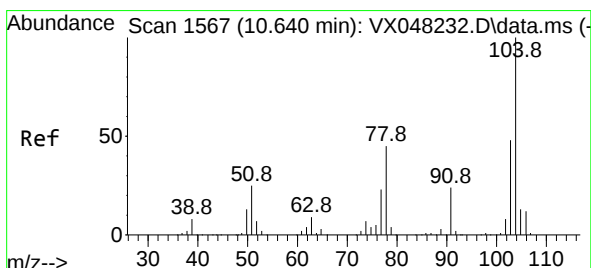
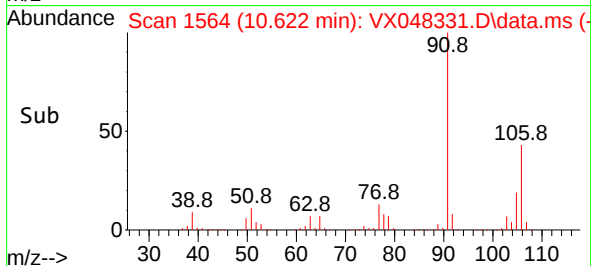
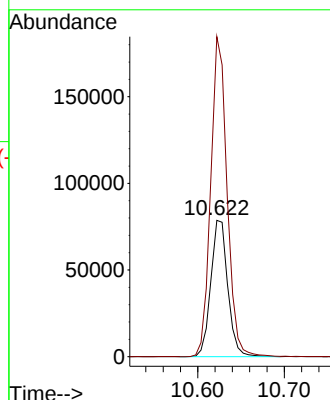
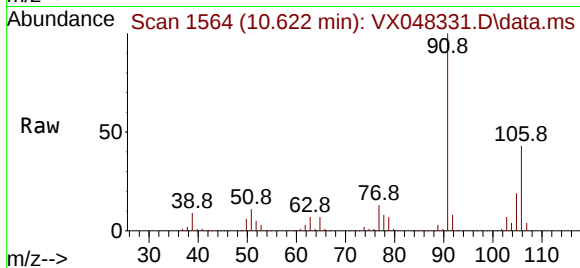
SB-4

Tgt Ion:106 Resp: 107237

Ion Ratio Lower Upper

106 100

91 226.2 111.3 333.9



#70

Styrene

Concen: 5.790 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX048331.D

Acq: 23 Oct 2025 17:09

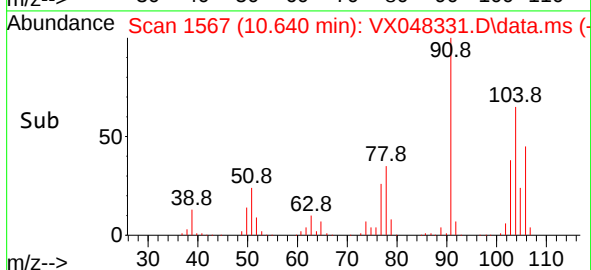
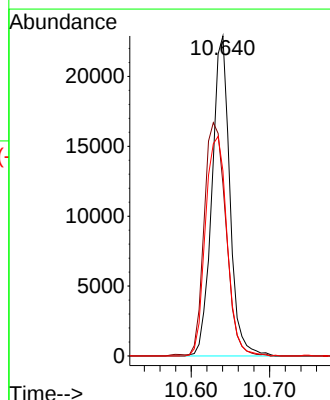
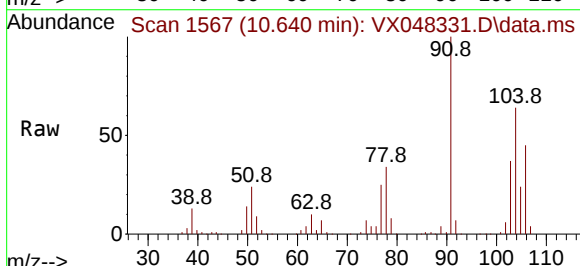
Tgt Ion:104 Resp: 36238

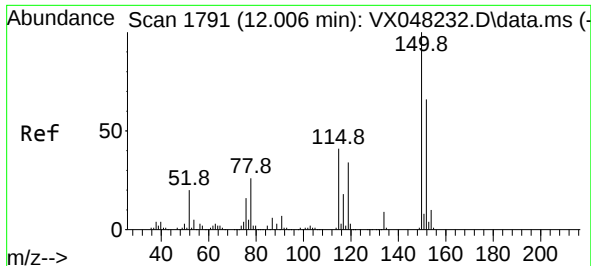
Ion Ratio Lower Upper

104 100

78 88.6 42.2 63.4#

103 82.9 43.0 64.4#

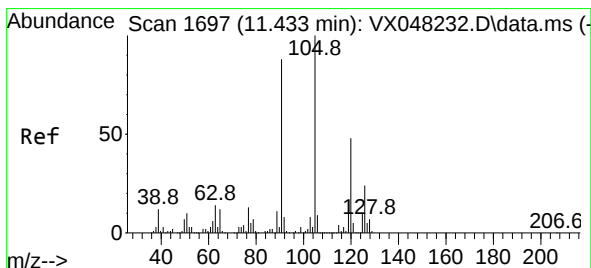
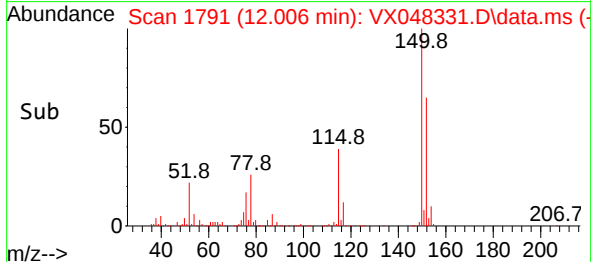
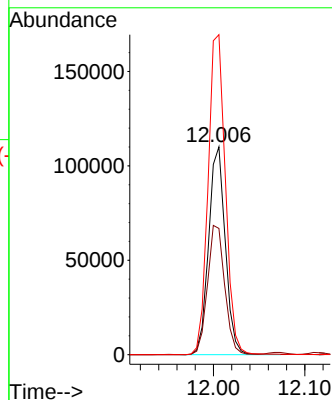
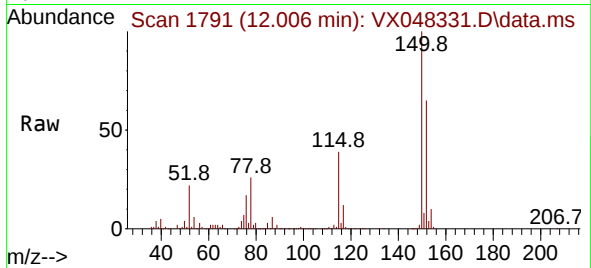




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048331.D
 Acq: 23 Oct 2025 17:09

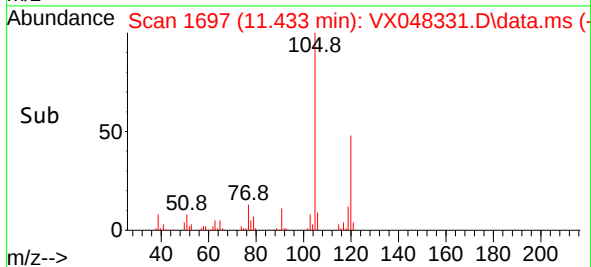
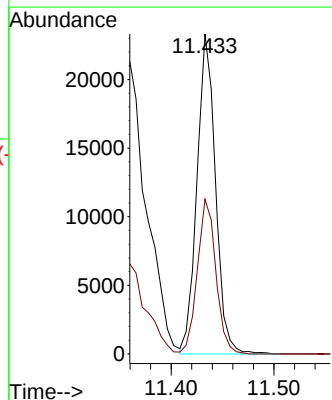
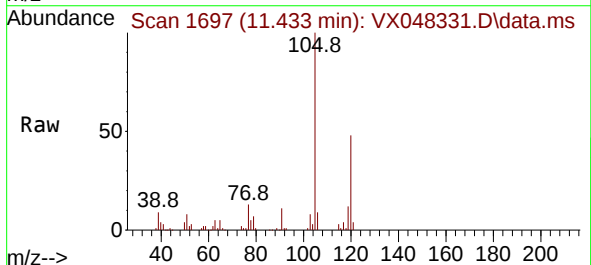
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-4

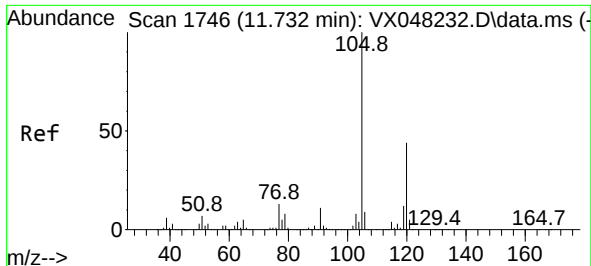
Tgt Ion:152 Resp: 139217
 Ion Ratio Lower Upper
 152 100
 115 64.2 43.1 129.4
 150 159.9 0.0 353.0



#80
 1,3,5-Trimethylbenzene
 Concen: 3.479 ug/l
 RT: 11.433 min Scan# 1697
 Delta R.T. -0.000 min
 Lab File: VX048331.D
 Acq: 23 Oct 2025 17:09

Tgt Ion:105 Resp: 29275
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.0 72.0

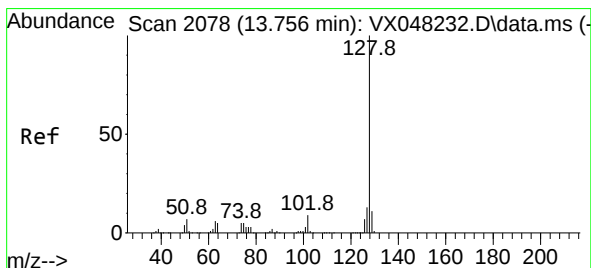
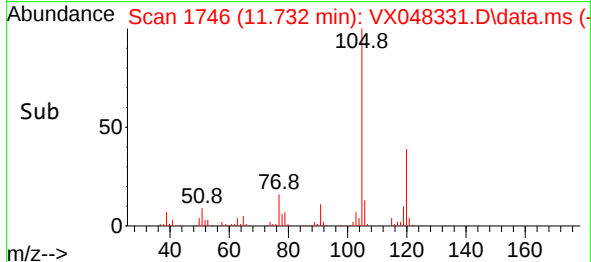
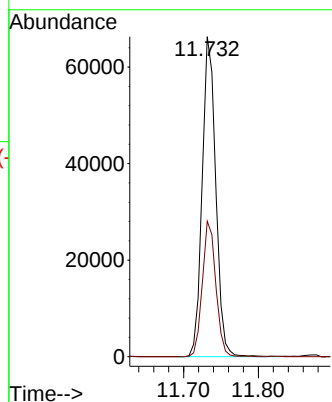
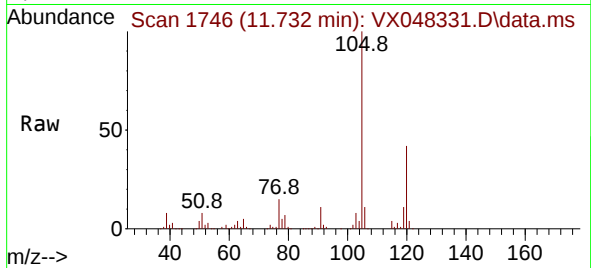




#84
1,2,4-Trimethylbenzene
Concen: 9.967 ug/l
RT: 11.732 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048331.D
Acq: 23 Oct 2025 17:09

Instrument :
MSVOA_X
ClientSampleId :
SB-4

Tgt Ion:105 Resp: 83706
Ion Ratio Lower Upper
105 100
120 42.1 22.1 66.5



#95
Naphthalene
Concen: 53.105 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048331.D
Acq: 23 Oct 2025 17:09

Tgt Ion:128 Resp: 429379
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.6 12.8

