

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102325\
 Data File : VX048327.D
 Acq On : 23 Oct 2025 15:47
 Operator : JC/MD
 Sample : Q3414-10 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-10

Quant Time: Oct 24 05:47:29 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	115810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	237450	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	246276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	130376	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	100688	62.010	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	124.020%#
35) Dibromofluoromethane	5.373	113	67419	41.590	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	83.180%
50) Toluene-d8	8.634	98	274601	48.328	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.660%
62) 4-Bromofluorobenzene	11.061	95	125491	58.055	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.120%

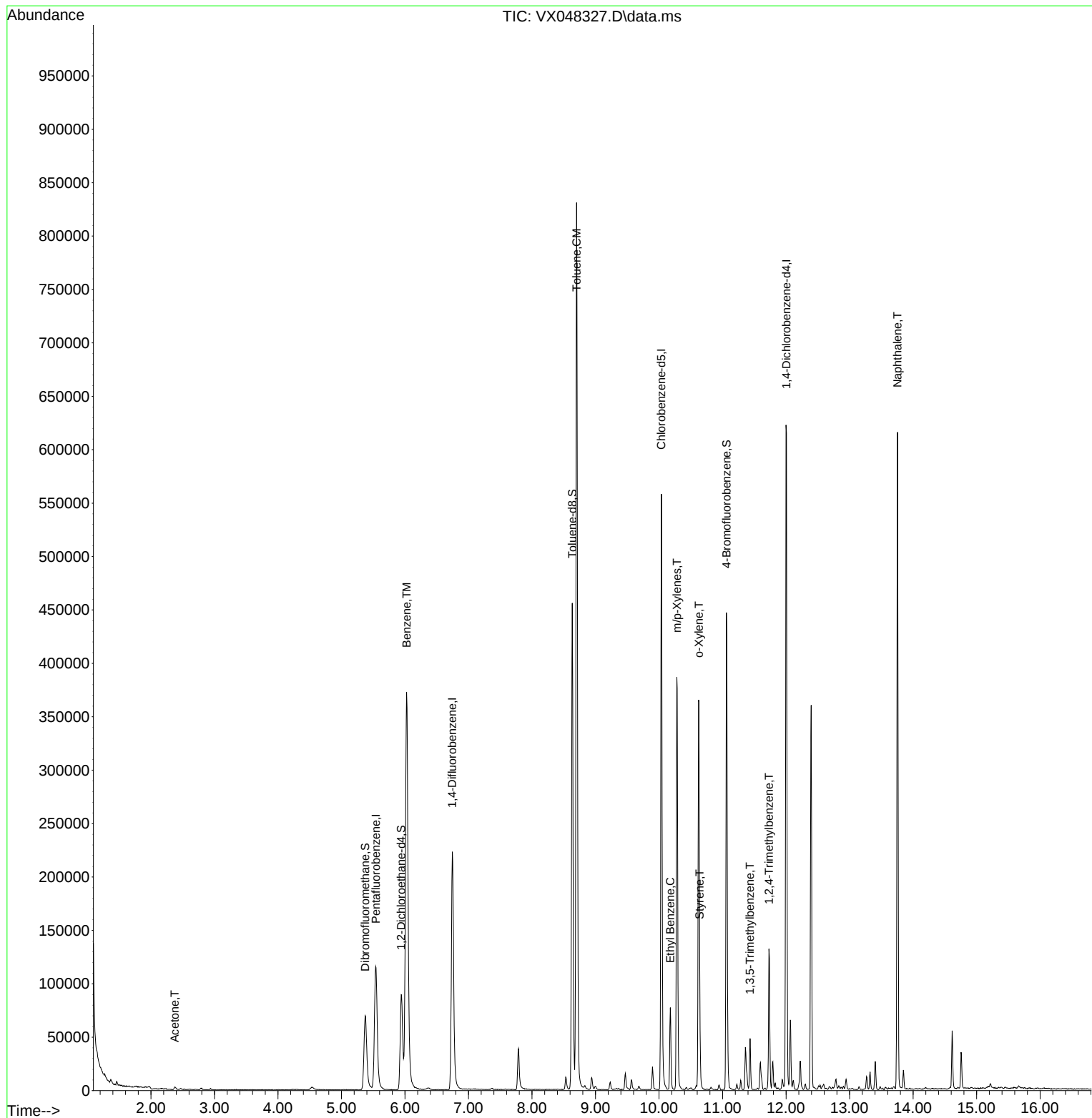
Target Compounds					Qvalue	
16) Acetone	2.373	43	3761	6.752	ug/l	# 84
40) Benzene	6.025	78	480185	71.783	ug/l	99
52) Toluene	8.702	92	321137	75.567	ug/l	99
67) Ethyl Benzene	10.177	91	45772	4.853	ug/l	100
68) m/p-Xylenes	10.281	106	93482	26.674	ug/l	99
69) o-Xylene	10.628	106	78741	23.273	ug/l	99
70) Styrene	10.640	104	23117	4.013	ug/l	# 50
80) 1,3,5-Trimethylbenzene	11.433	105	20332	2.580	ug/l	99
84) 1,2,4-Trimethylbenzene	11.731	105	57518	7.313	ug/l	98
95) Naphthalene	13.756	128	347349	45.873	ug/l	100

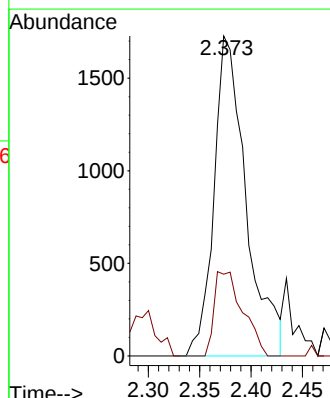
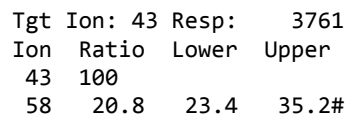
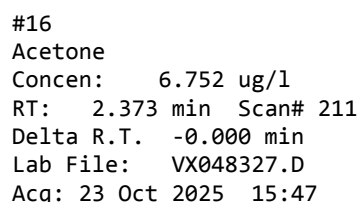
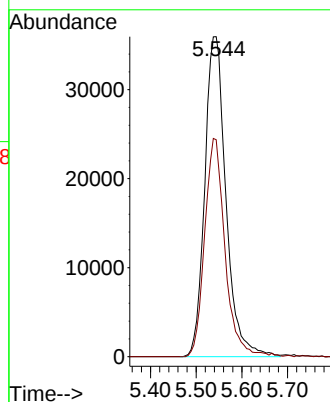
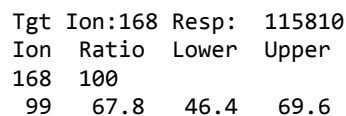
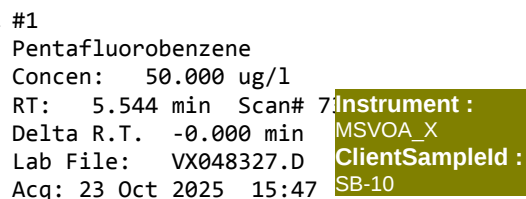
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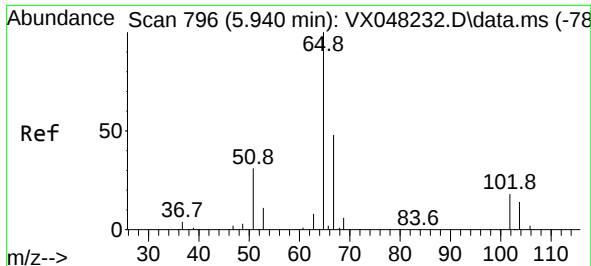
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102325\
Data File : VX048327.D
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



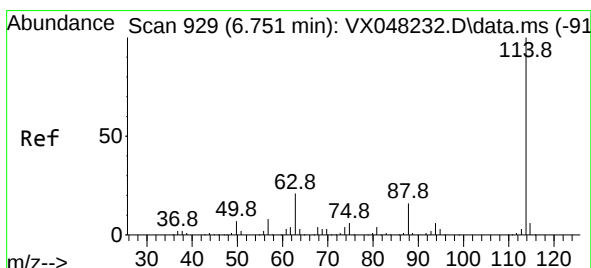
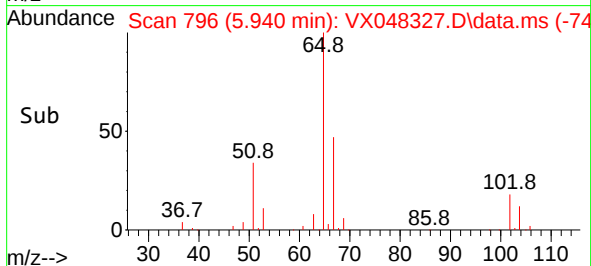
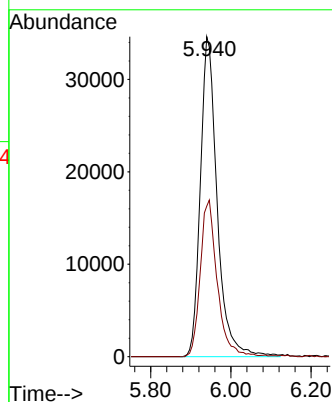
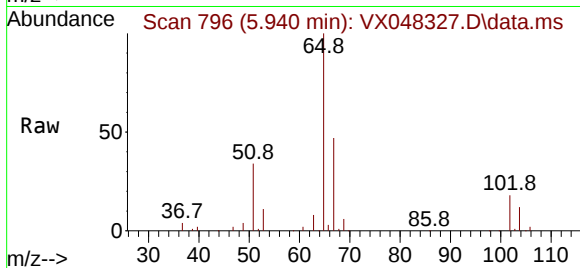




#33
 1,2-Dichloroethane-d4
 Concen: 62.010 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX048327.D
 Acq: 23 Oct 2025 15:47

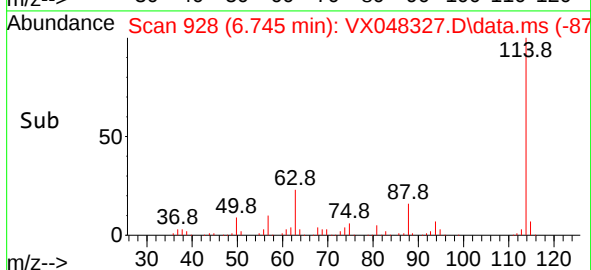
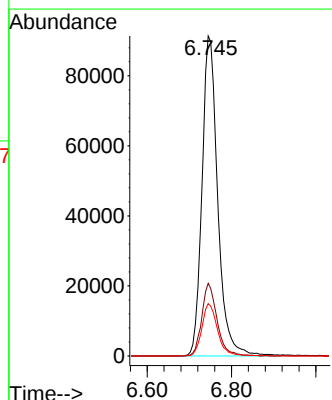
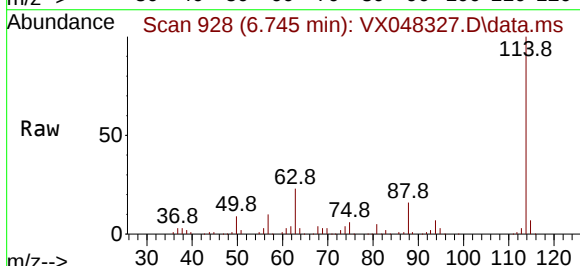
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-10

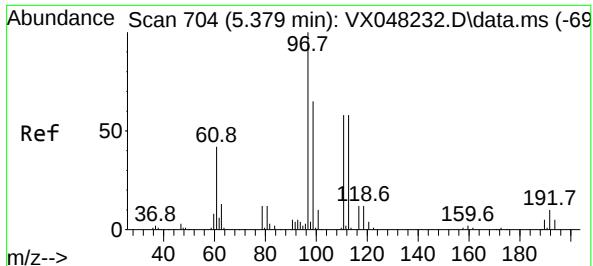
Tgt Ion: 65 Resp: 100688
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048327.D
 Acq: 23 Oct 2025 15:47

Tgt Ion: 114 Resp: 237450
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 43.2
 88 16.3 0.0 33.6

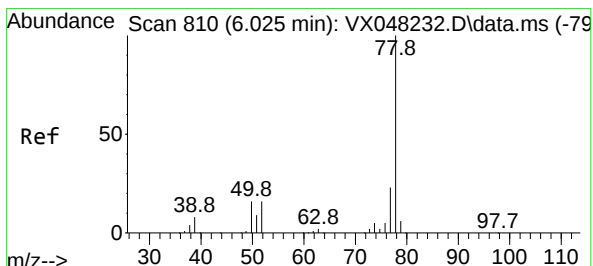
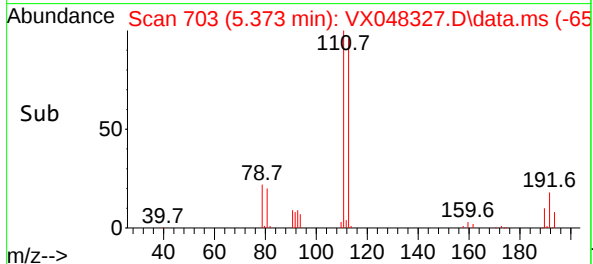
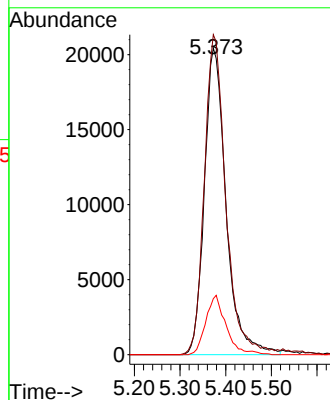
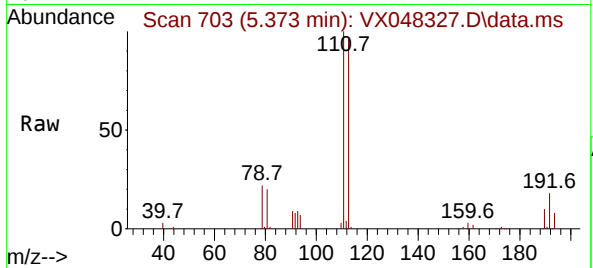




#35
Dibromofluoromethane
Concen: 41.590 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX048327.D
Acq: 23 Oct 2025 15:47

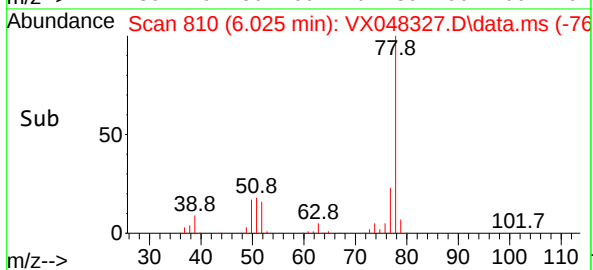
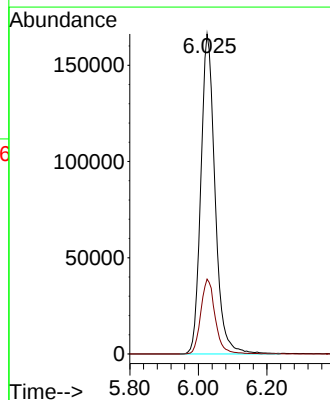
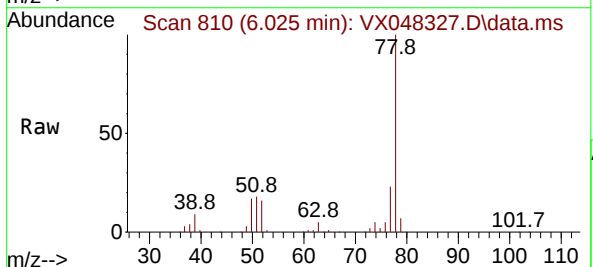
Instrument :
MSVOA_X
ClientSampleId :
SB-10

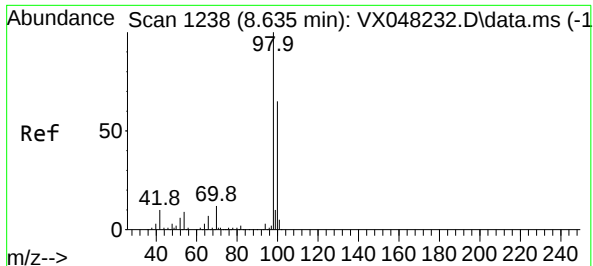
Tgt Ion:113 Resp: 67419
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 18.2 15.1 22.7



#40
Benzene
Concen: 71.783 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048327.D
Acq: 23 Oct 2025 15:47

Tgt Ion: 78 Resp: 480185
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9

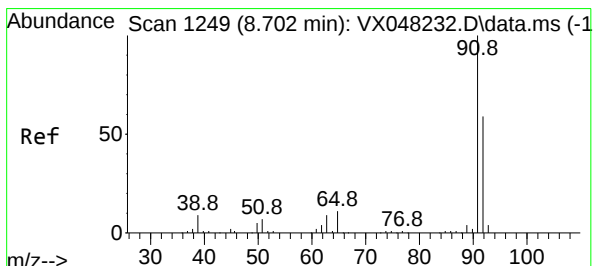
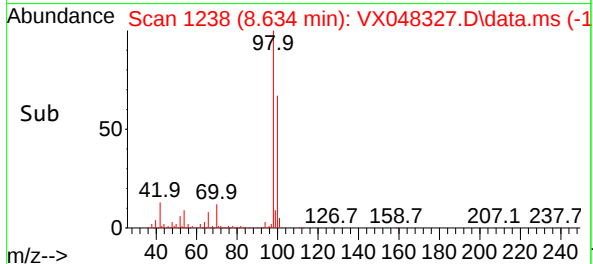
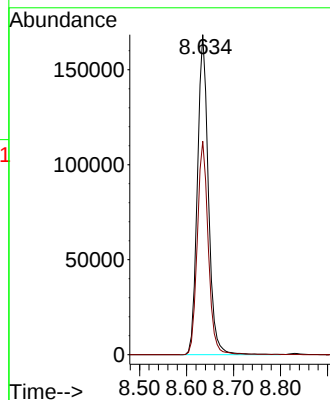
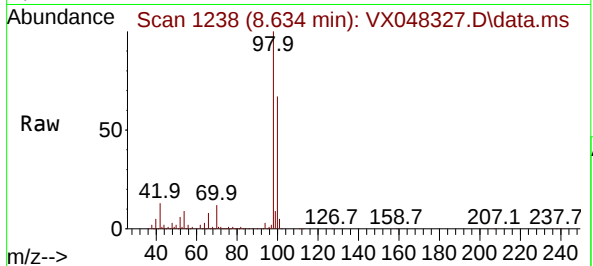




#50
Toluene-d8
Concen: 48.328 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048327.D
Acq: 23 Oct 2025 15:47

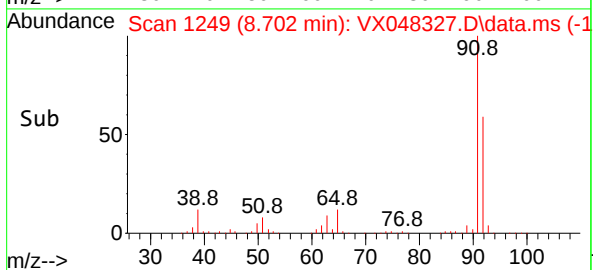
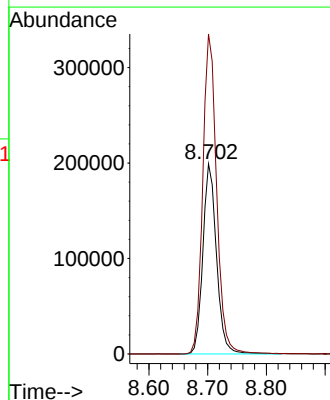
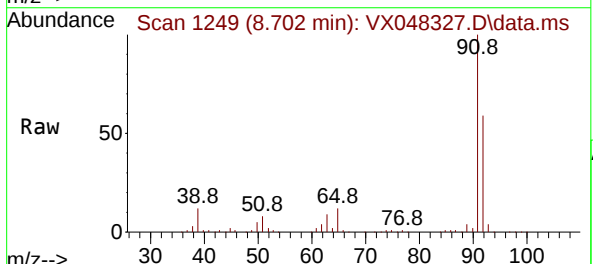
Instrument :
MSVOA_X
ClientSampleId :
SB-10

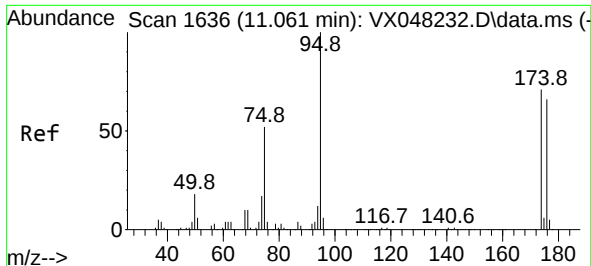
Tgt Ion: 98 Resp: 274601
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4



#52
Toluene
Concen: 75.567 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048327.D
Acq: 23 Oct 2025 15:47

Tgt Ion: 92 Resp: 321137
Ion Ratio Lower Upper
92 100
91 171.3 136.1 204.1

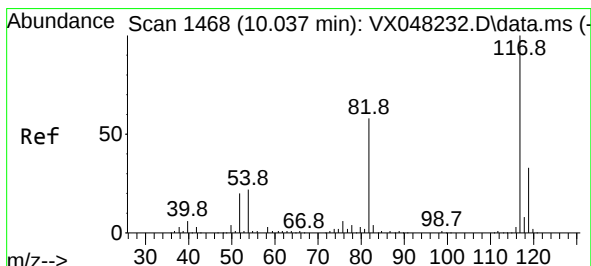
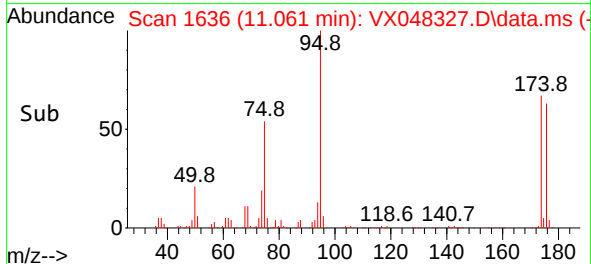
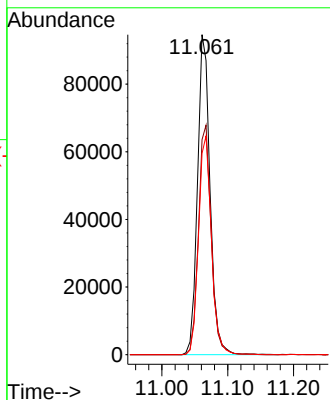
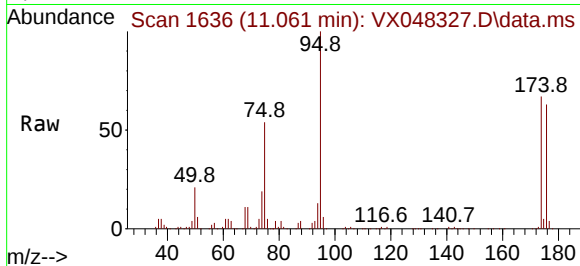




#62
4-Bromofluorobenzene
Concen: 58.055 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048327.D
Acq: 23 Oct 2025 15:47

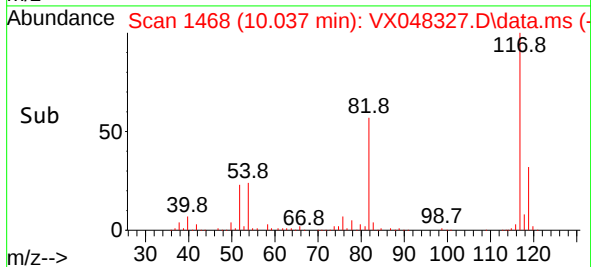
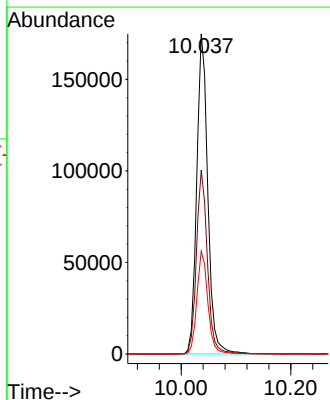
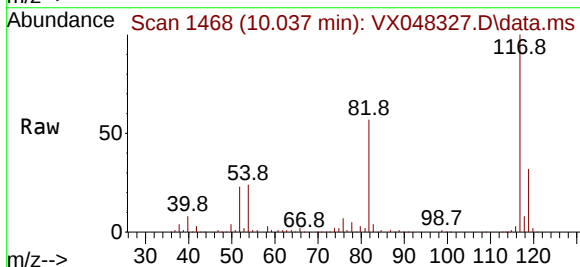
Instrument :
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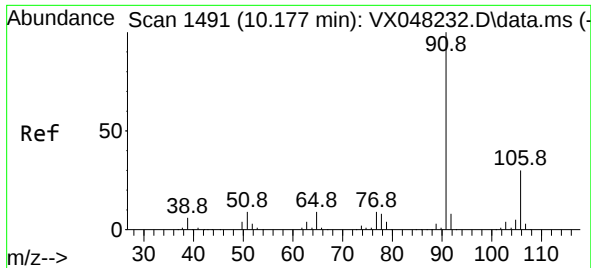
Tgt Ion: 95 Resp: 125491
Ion Ratio Lower Upper
95 100
174 73.1 0.0 147.8
176 70.4 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048327.D
Acq: 23 Oct 2025 15:47

Tgt Ion: 117 Resp: 246276
Ion Ratio Lower Upper
117 100
82 57.4 46.5 69.7
119 32.2 25.9 38.9

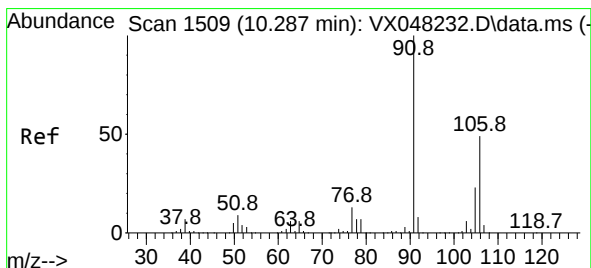
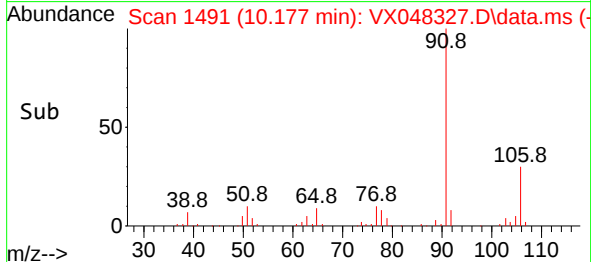
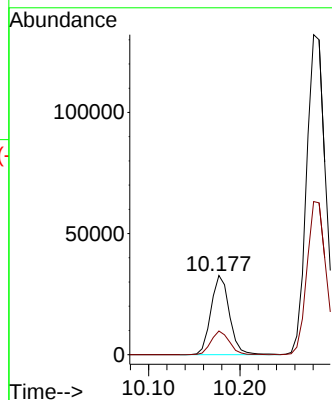
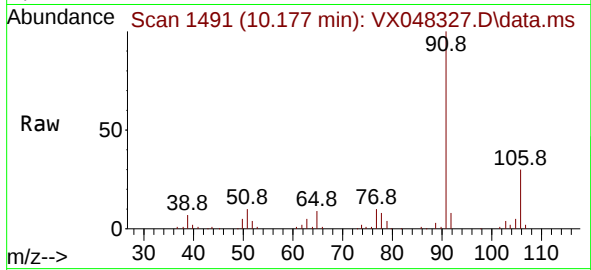




#67
Ethyl Benzene
Concen: 4.853 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048327.D
Acq: 23 Oct 2025 15:47

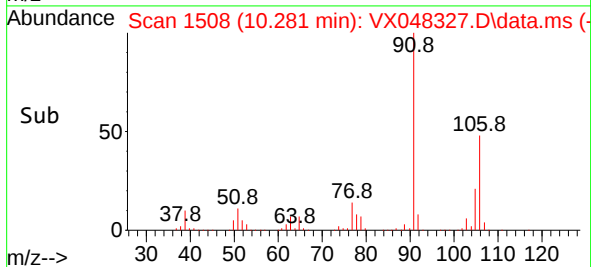
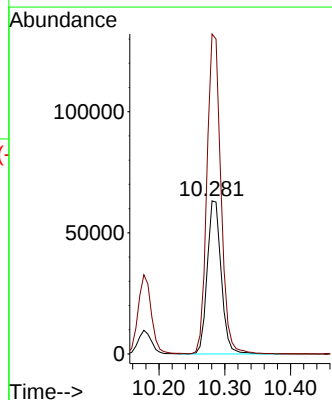
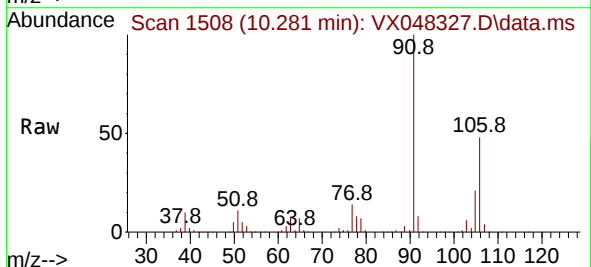
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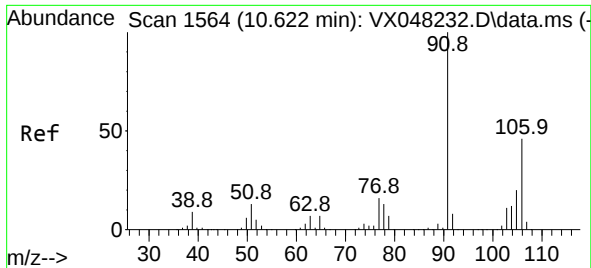
Tgt Ion: 91 Resp: 45772
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.6



#68
m/p-Xylenes
Concen: 26.674 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048327.D
Acq: 23 Oct 2025 15:47

Tgt Ion: 106 Resp: 93482
Ion Ratio Lower Upper
106 100
91 208.4 167.9 251.9

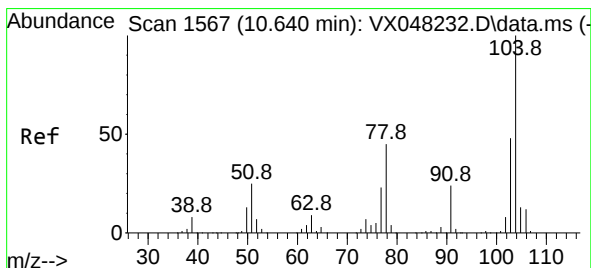
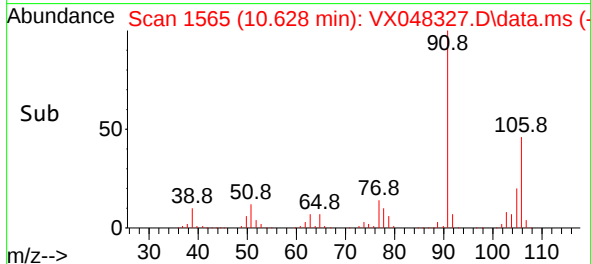
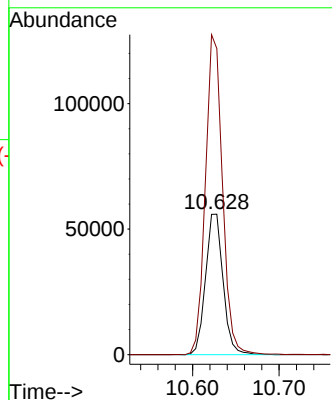
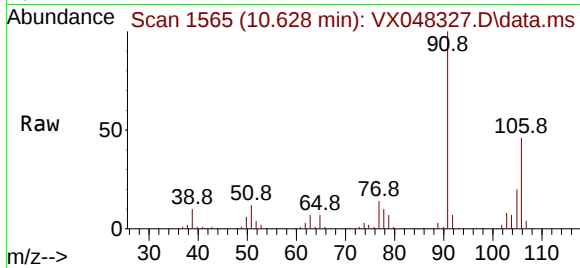




#69
o-Xylene
Concen: 23.273 ug/l
RT: 10.628 min Scan# 1564
Delta R.T. 0.006 min
Lab File: VX048327.D
Acq: 23 Oct 2025 15:47

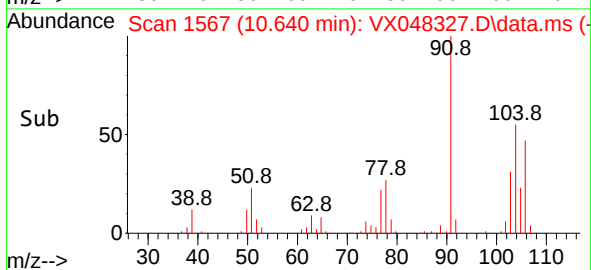
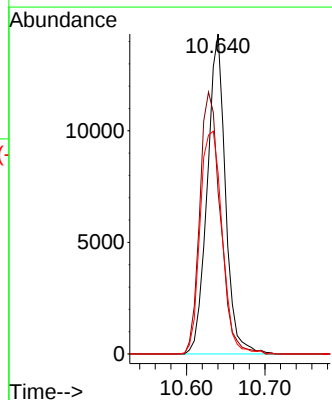
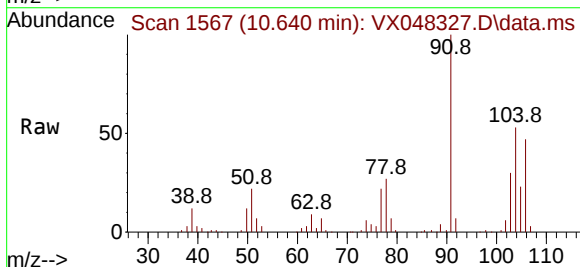
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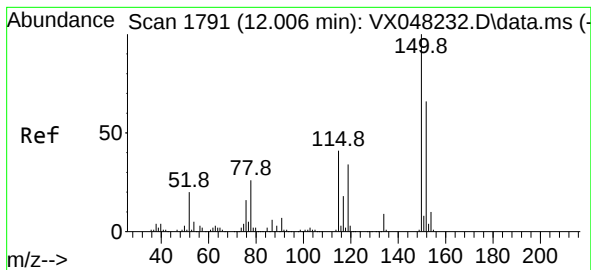
Tgt Ion:106 Resp: 78741
Ion Ratio Lower Upper
106 100
91 221.6 111.3 333.9



#70
Styrene
Concen: 4.013 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048327.D
Acq: 23 Oct 2025 15:47

Tgt Ion:104 Resp: 23117
Ion Ratio Lower Upper
104 100
78 92.5 42.2 63.4#
103 84.9 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: VX048327.D

Acq: 23 Oct 2025 15:47

Instrument :

MSVOA_X

ClientSampleId :

SB-10

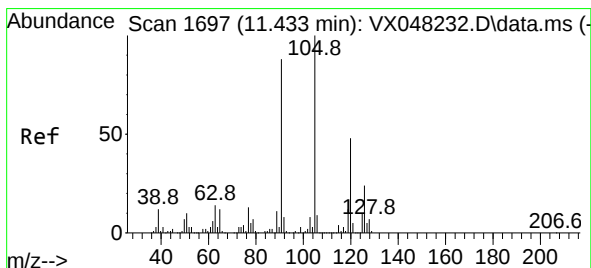
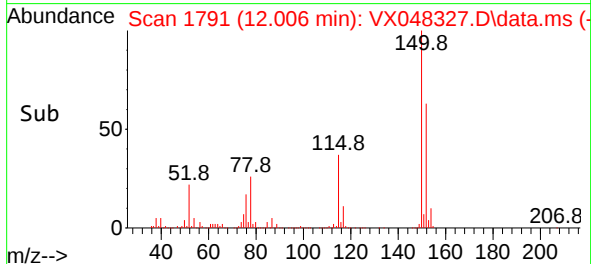
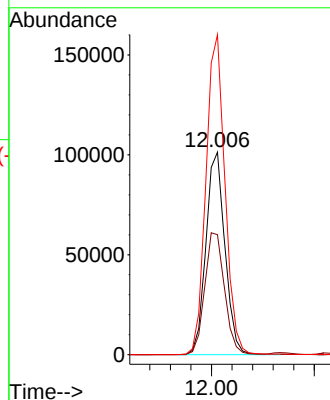
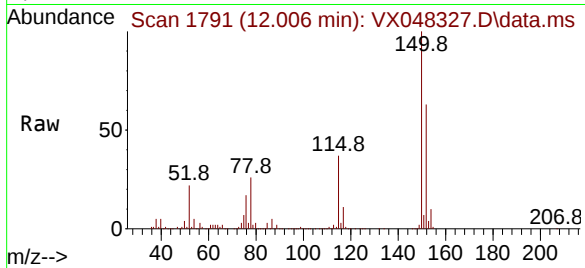
Tgt Ion:152 Resp: 130376

Ion Ratio Lower Upper

152 100

115 62.8 43.1 129.4

150 157.9 0.0 353.0



#80

1,3,5-Trimethylbenzene

Concen: 2.580 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VX048327.D

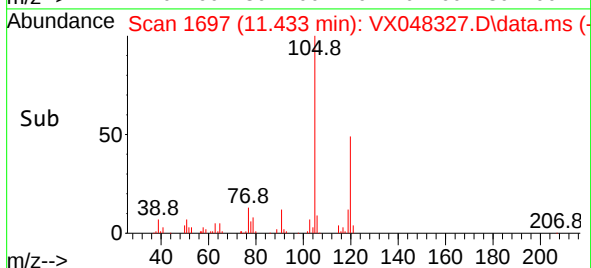
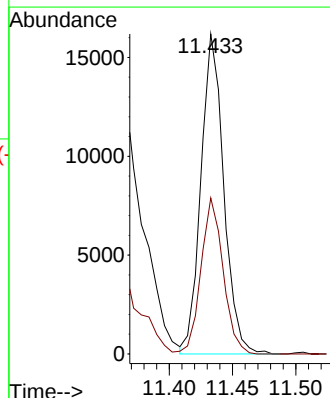
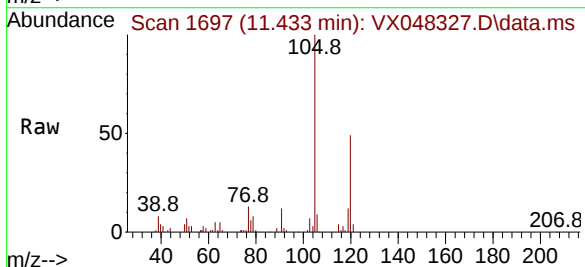
Acq: 23 Oct 2025 15:47

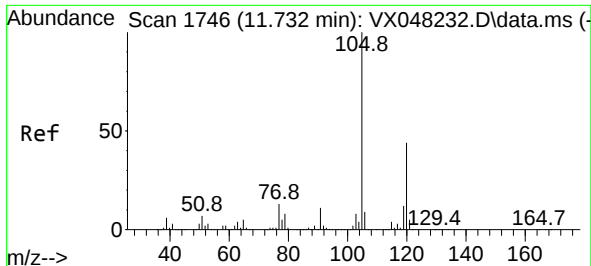
Tgt Ion:105 Resp: 20332

Ion Ratio Lower Upper

105 100

120 47.4 24.0 72.0

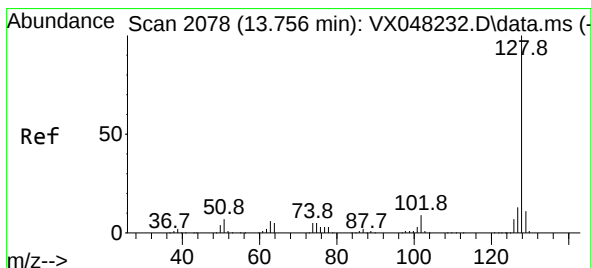
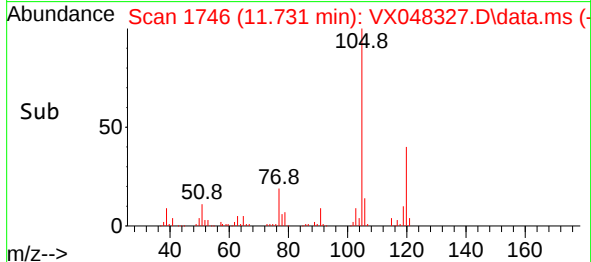
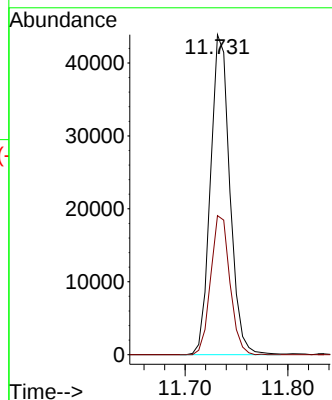
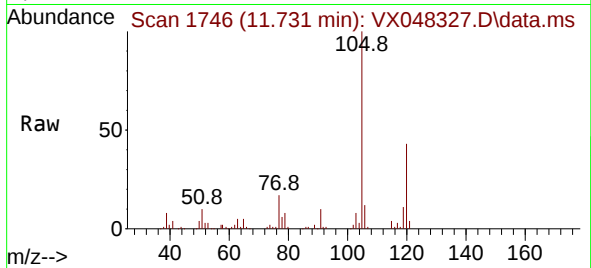




#84
1,2,4-Trimethylbenzene
Concen: 7.313 ug/l
RT: 11.731 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048327.D
Acq: 23 Oct 2025 15:47

Instrument :
MSVOA_X
ClientSampleId :
SB-10

Tgt Ion:105 Resp: 57518
Ion Ratio Lower Upper
105 100
120 43.0 22.1 66.5



#95
Naphthalene
Concen: 45.873 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048327.D
Acq: 23 Oct 2025 15:47

Tgt Ion:128 Resp: 347349
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.6 12.8

