

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102725\
 Data File : VX048363.D
 Acq On : 27 Oct 2025 12:17
 Operator : JC/MD
 Sample : Q3446-05 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-18

Quant Time: Oct 28 01:51:23 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)

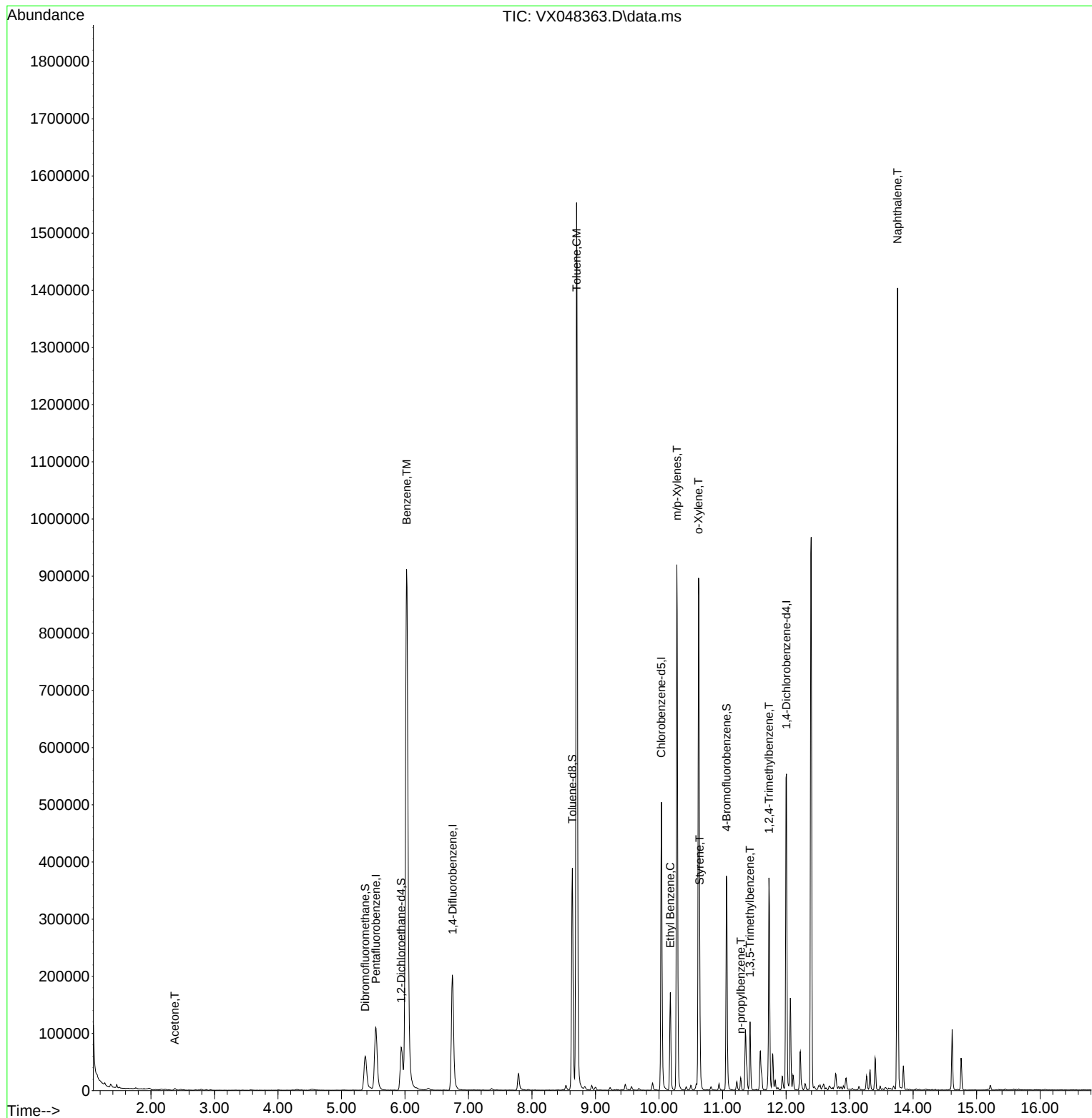
Internal Standards						
1) Pentafluorobenzene	5.544	168	108534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	216754	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	223579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	115411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	83209	54.681	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 109.360%		
35) Dibromofluoromethane	5.373	113	58978	39.856	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 79.720%		
50) Toluene-d8	8.634	98	237686	45.826	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 91.660%#		
62) 4-Bromofluorobenzene	11.061	95	107152	54.304	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 108.600%		
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	4190	8.026	ug/l	92
40) Benzene	6.025	78	1177340	192.805	ug/l	98
52) Toluene	8.702	92	604141	155.735	ug/l	100
67) Ethyl Benzene	10.177	91	98190	11.467	ug/l	99
68) m/p-Xylenes	10.281	106	208606	65.567	ug/l	98
69) o-Xylene	10.622	106	190961	62.170	ug/l	99
70) Styrene	10.640	104	54081	10.340	ug/l #	48
78) n-propylbenzene	11.286	91	12968	1.329	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	50307	7.211	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	157379	22.606	ug/l	97
95) Naphthalene	13.756	128	810962	120.988	ug/l	100

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

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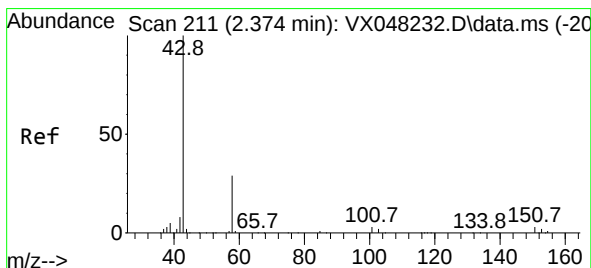
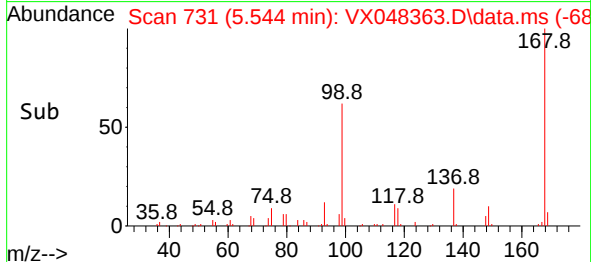
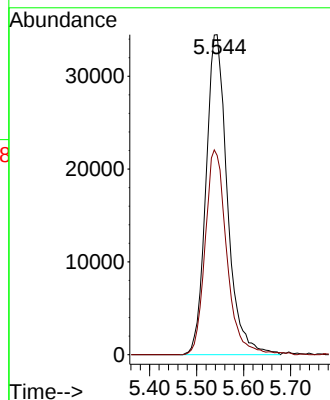
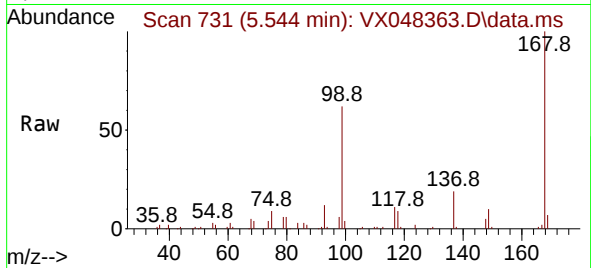




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX048363.D
Acq: 27 Oct 2025 12:17

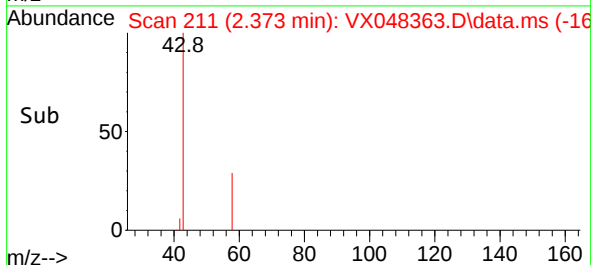
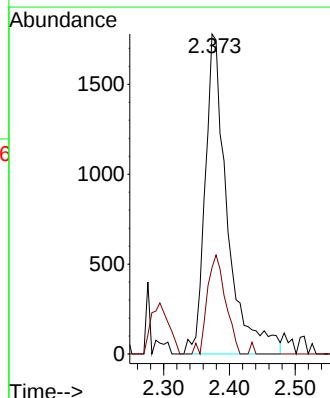
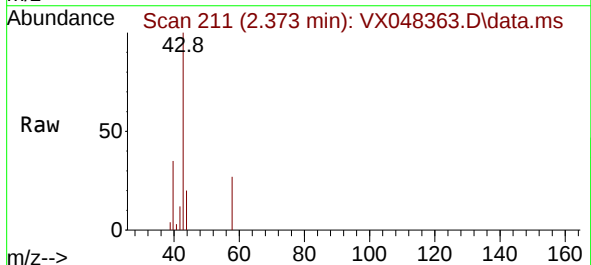
Instrument :
MSVOA_X
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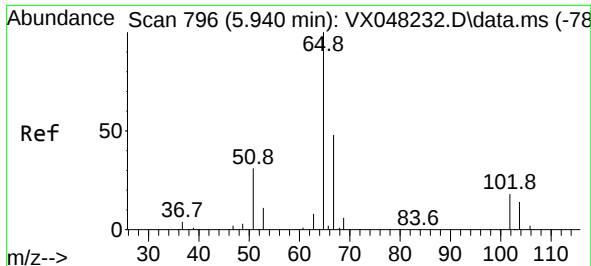
Tgt Ion:168 Resp: 108534
Ion Ratio Lower Upper
168 100
99 62.3 46.4 69.6



#16
Acetone
Concen: 8.026 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048363.D
Acq: 27 Oct 2025 12:17

Tgt Ion: 43 Resp: 4190
Ion Ratio Lower Upper
43 100
58 33.5 23.4 35.2

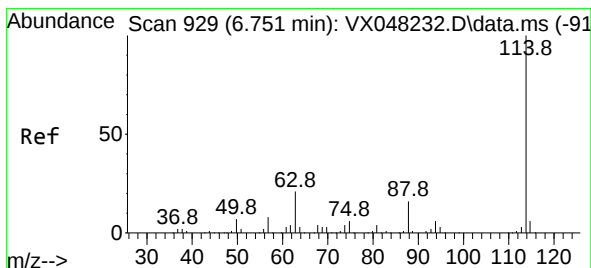
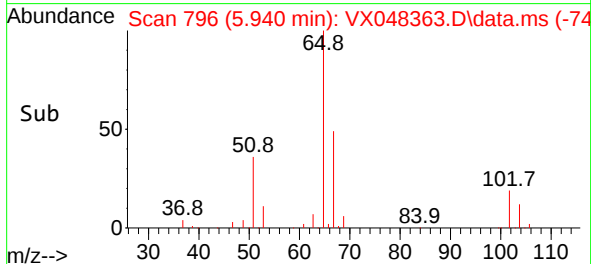
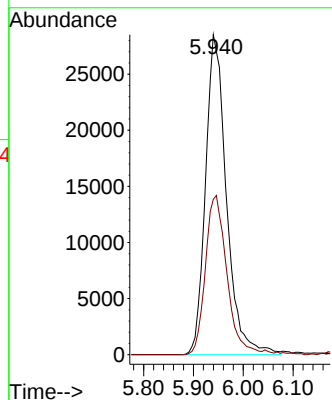
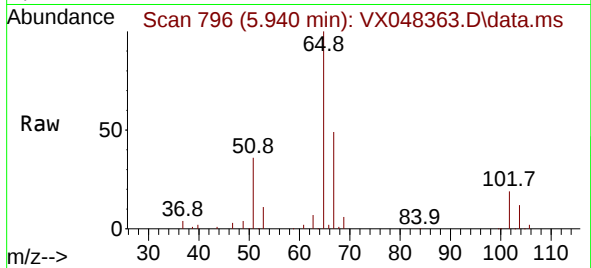




#33
 1,2-Dichloroethane-d4
 Concen: 54.681 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX048363.D
 Acq: 27 Oct 2025 12:17

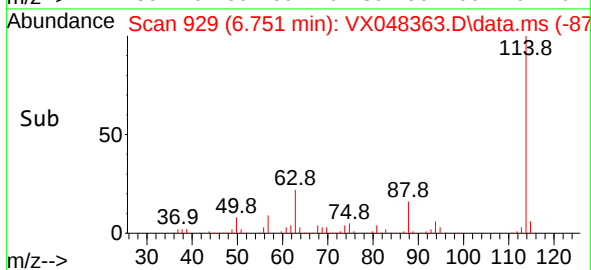
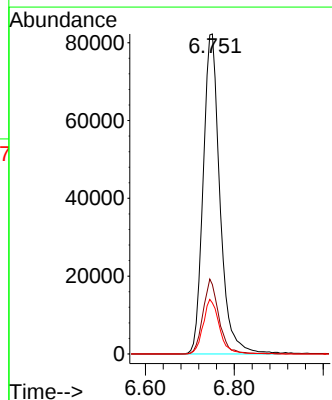
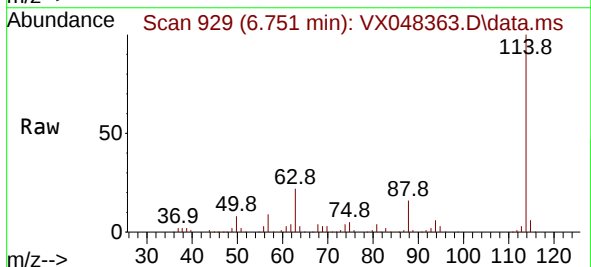
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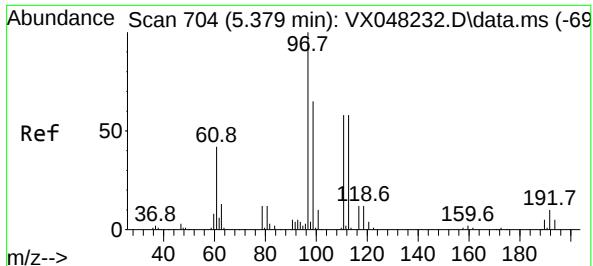
Tgt Ion: 65 Resp: 83209
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX048363.D
 Acq: 27 Oct 2025 12:17

Tgt Ion: 114 Resp: 216754
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.2
 88 15.9 0.0 33.6

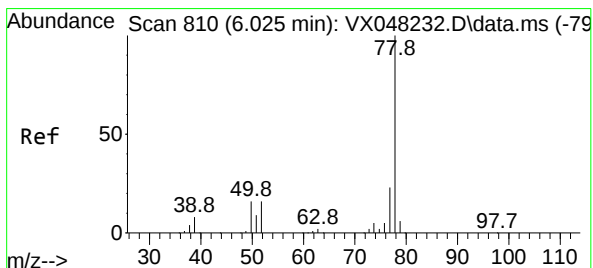
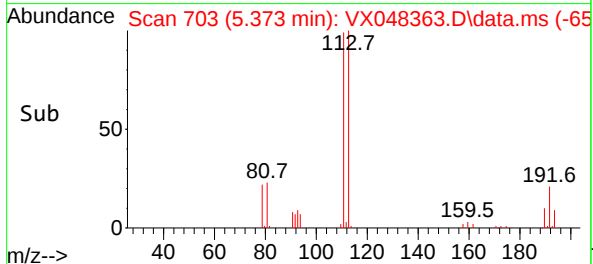
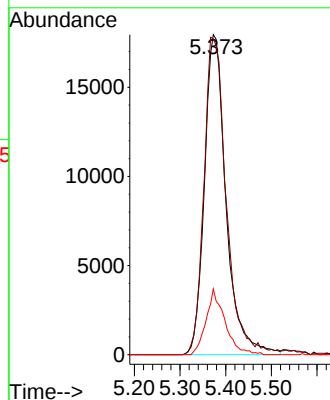
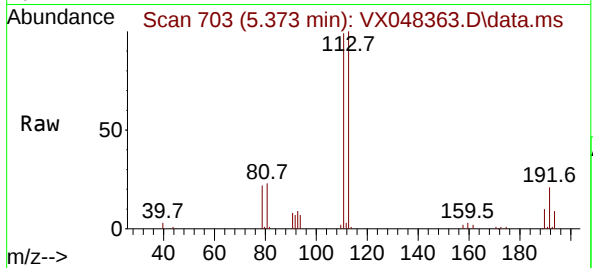




#35
Dibromofluoromethane
Concen: 39.856 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX048363.D
Acq: 27 Oct 2025 12:17

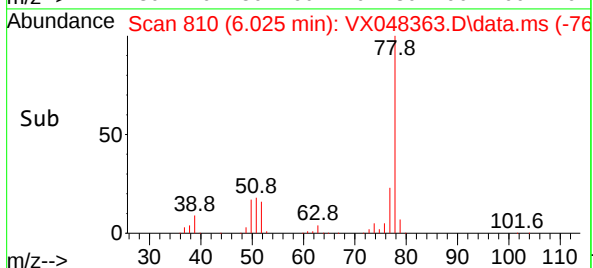
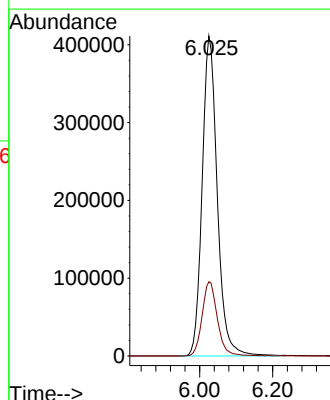
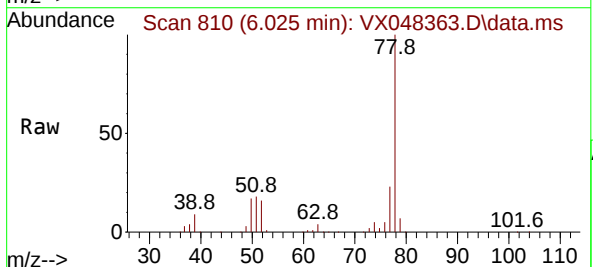
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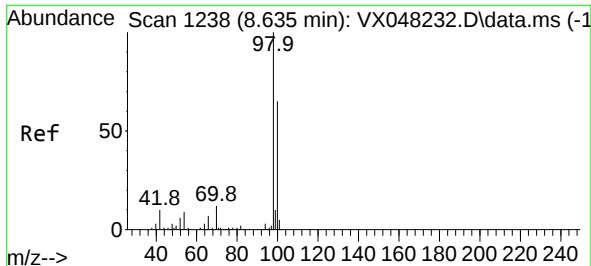
Tgt Ion:113 Resp: 58978
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 17.9 15.1 22.7



#40
Benzene
Concen: 192.805 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048363.D
Acq: 27 Oct 2025 12:17

Tgt Ion: 78 Resp: 1177340
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9

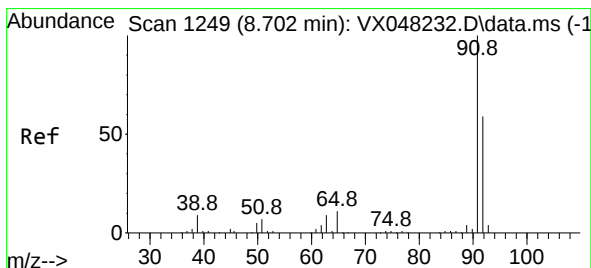
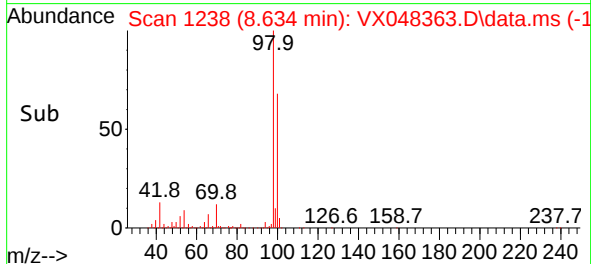
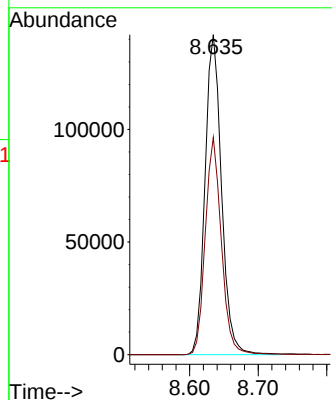
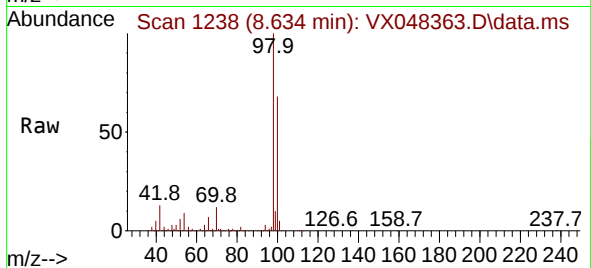




#50
Toluene-d8
Concen: 45.826 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048363.D
Acq: 27 Oct 2025 12:17

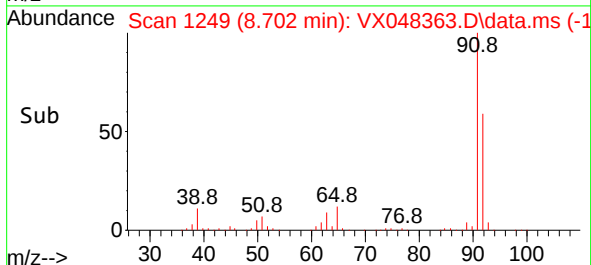
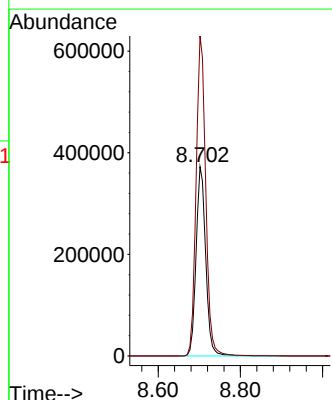
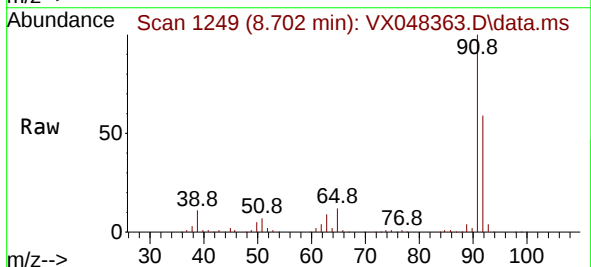
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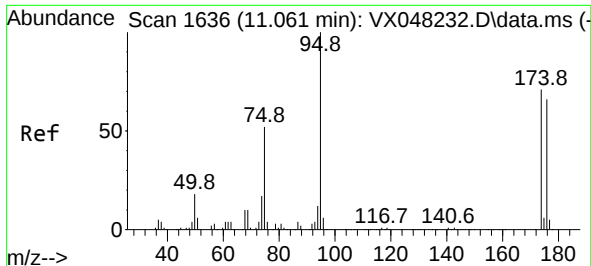
Tgt Ion: 98 Resp: 237686
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4



#52
Toluene
Concen: 155.735 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048363.D
Acq: 27 Oct 2025 12:17

Tgt Ion: 92 Resp: 604141
Ion Ratio Lower Upper
92 100
91 169.5 136.1 204.1

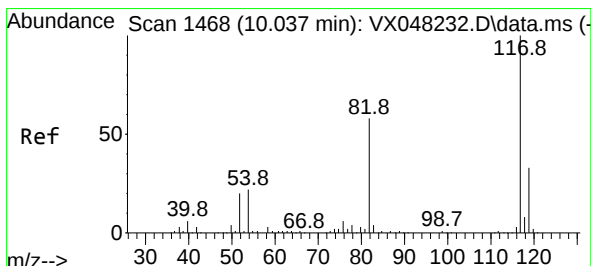
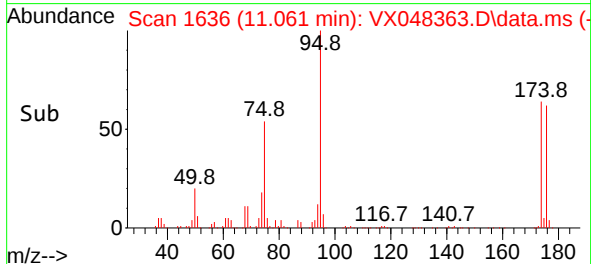
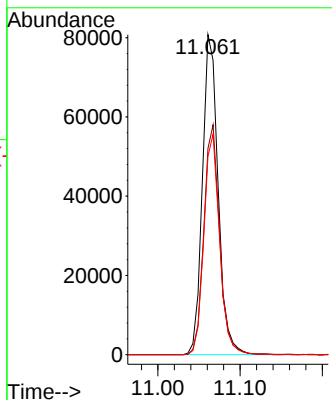
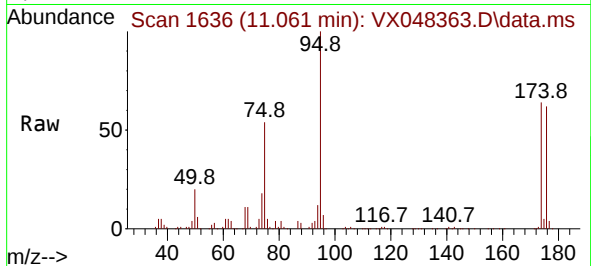




#62
4-Bromofluorobenzene
Concen: 54.304 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048363.D
Acq: 27 Oct 2025 12:17

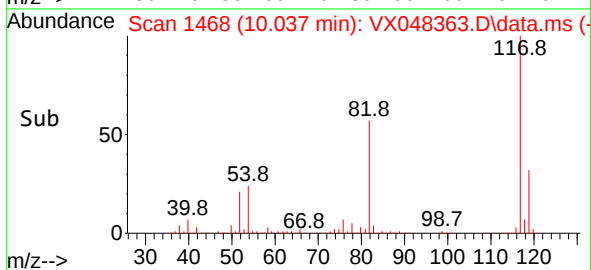
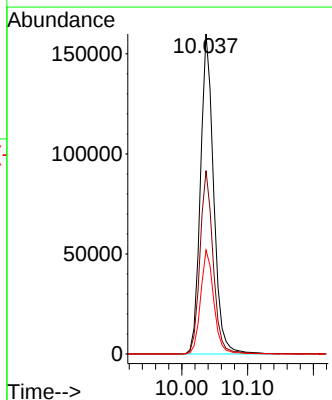
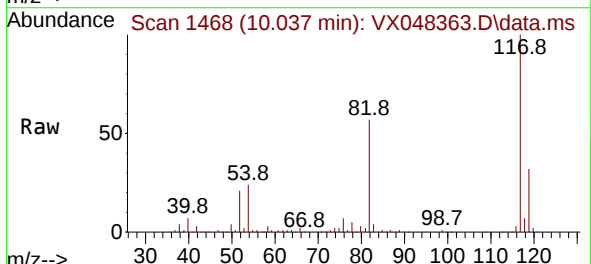
Instrument :
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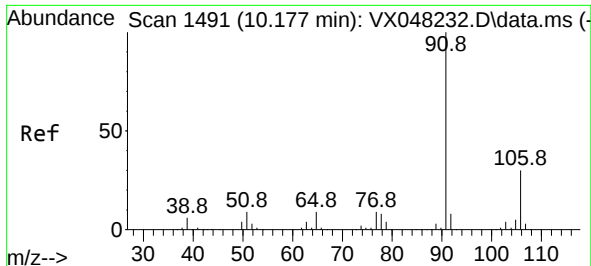
Tgt Ion: 95 Resp: 107152
Ion Ratio Lower Upper
95 100
174 71.9 0.0 147.8
176 68.9 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048363.D
Acq: 27 Oct 2025 12:17

Tgt Ion: 117 Resp: 223579
Ion Ratio Lower Upper
117 100
82 57.3 46.5 69.7
119 32.5 25.9 38.9

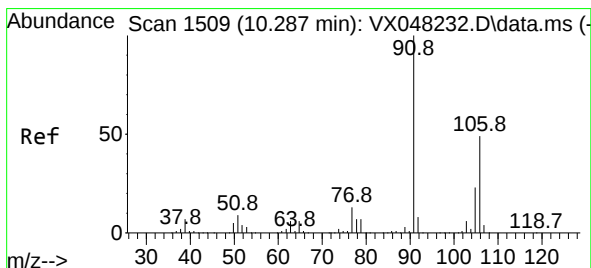
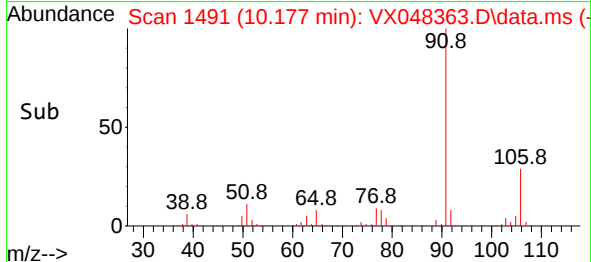
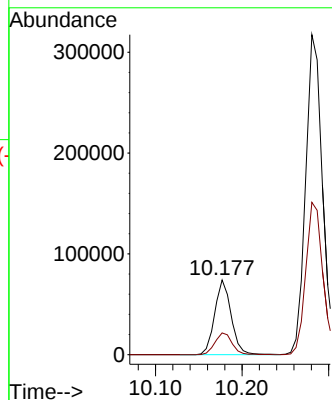
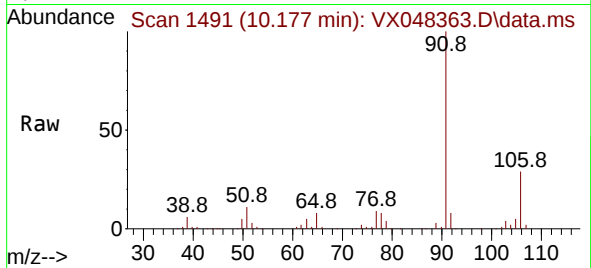




#67
Ethyl Benzene
Concen: 11.467 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048363.D
Acq: 27 Oct 2025 12:17

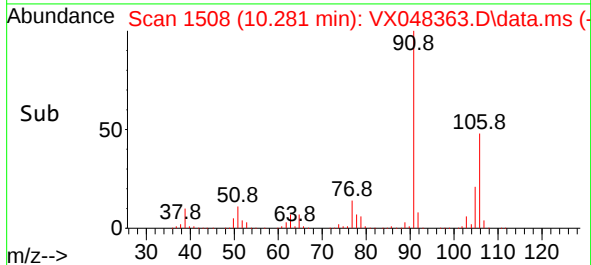
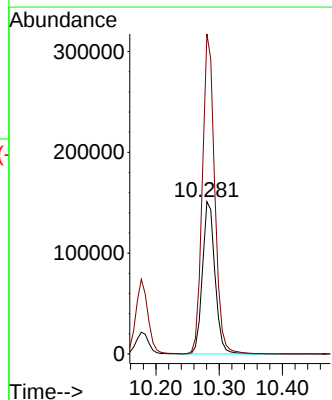
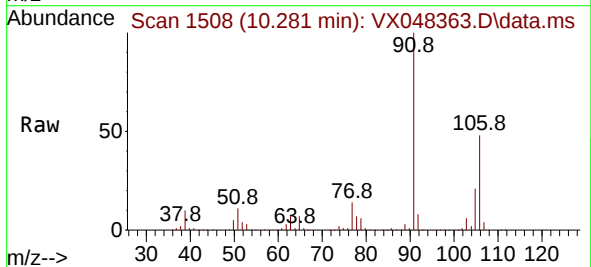
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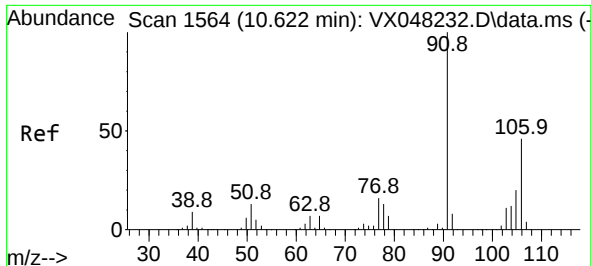
Tgt Ion: 91 Resp: 98190
Ion Ratio Lower Upper
91 100
106 29.1 23.8 35.6



#68
m/p-Xylenes
Concen: 65.567 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048363.D
Acq: 27 Oct 2025 12:17

Tgt Ion: 106 Resp: 208606
Ion Ratio Lower Upper
106 100
91 207.1 167.9 251.9

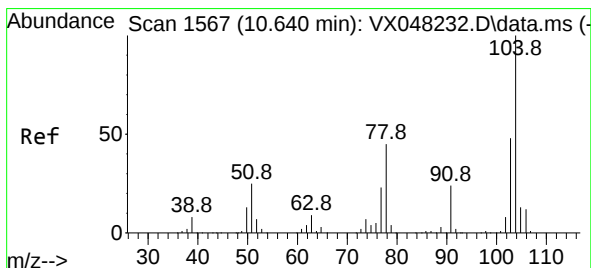
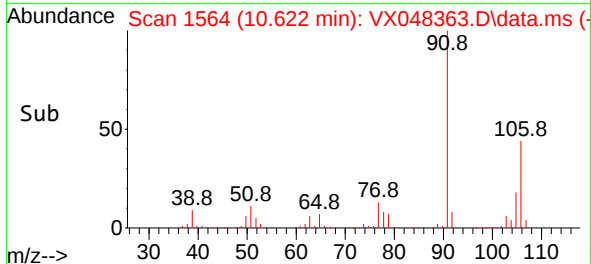
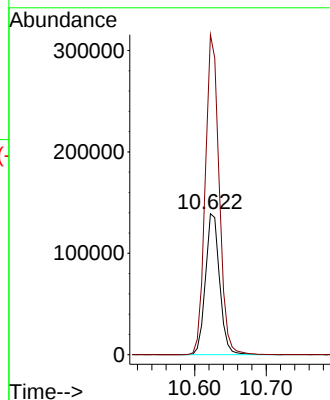
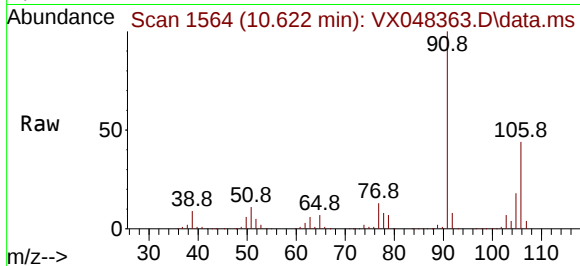




#69
o-Xylene
Concen: 62.170 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048363.D
Acq: 27 Oct 2025 12:17

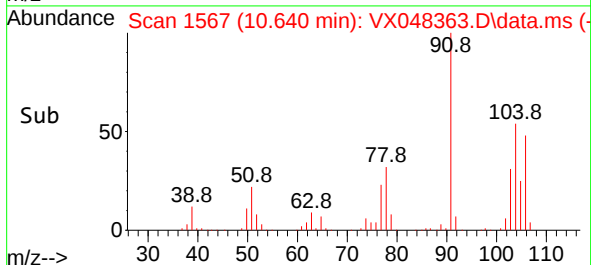
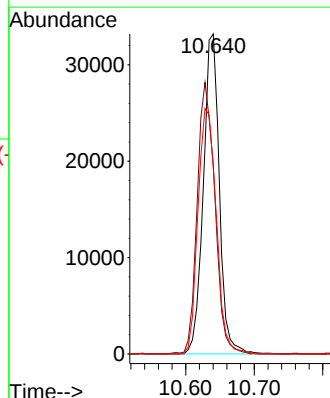
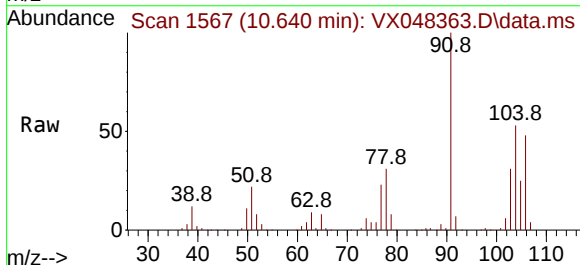
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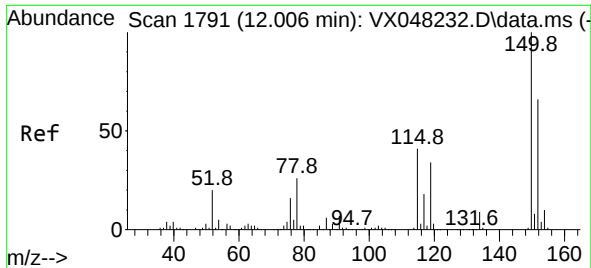
Tgt Ion:106 Resp: 190961
Ion Ratio Lower Upper
106 100
91 223.8 111.3 333.9



#70
Styrene
Concen: 10.340 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048363.D
Acq: 27 Oct 2025 12:17

Tgt Ion:104 Resp: 54081
Ion Ratio Lower Upper
104 100
78 93.5 42.2 63.4#
103 87.6 43.0 64.4#

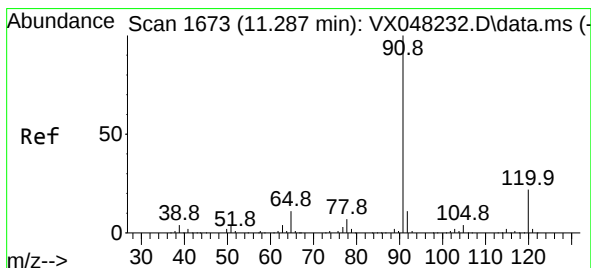
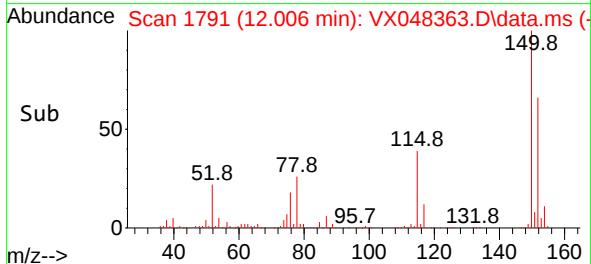
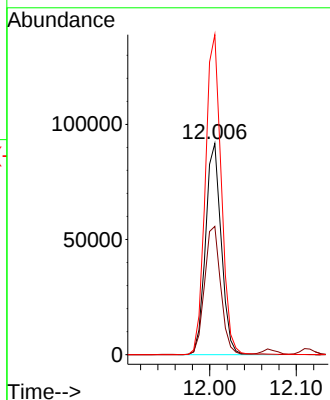
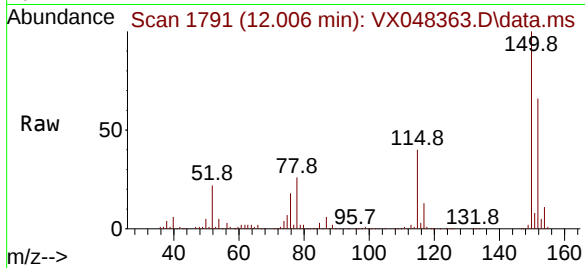




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048363.D
Acq: 27 Oct 2025 12:17

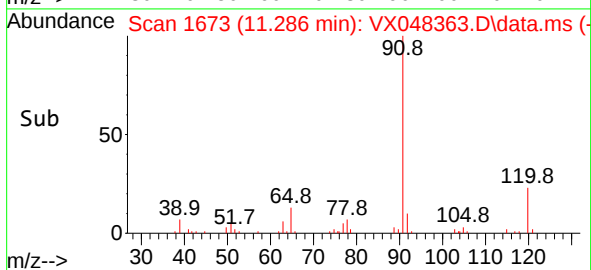
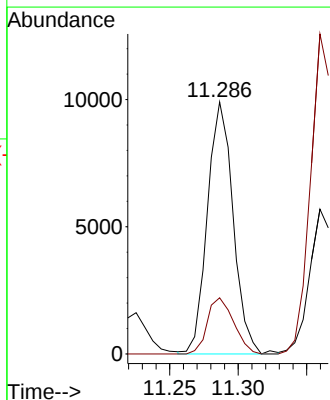
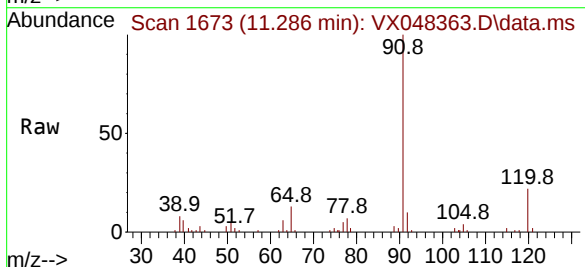
Instrument :
MSVOA_X
ClientSampleId :
SB-18

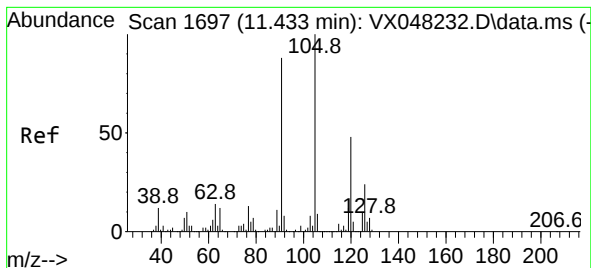
Tgt Ion:152 Resp: 115411
Ion Ratio Lower Upper
152 100
115 62.4 43.1 129.4
150 153.9 0.0 353.0



#78
n-propylbenzene
Concen: 1.329 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048363.D
Acq: 27 Oct 2025 12:17

Tgt Ion: 91 Resp: 12968
Ion Ratio Lower Upper
91 100
120 22.8 11.1 33.1





#80

1,3,5-Trimethylbenzene

Concen: 7.211 ug/l

RT: 11.433 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048363.D

Acq: 27 Oct 2025 12:17

Instrument :

MSVOA_X

ClientSampleId :

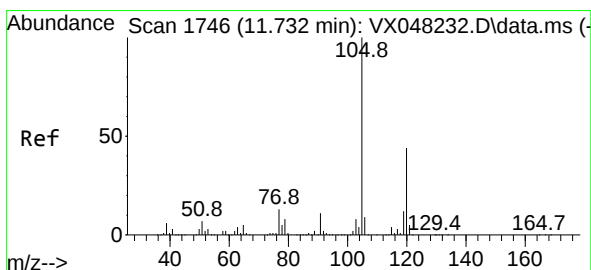
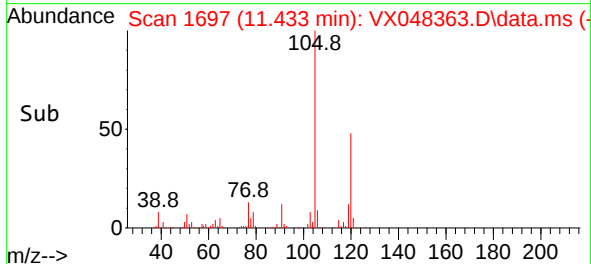
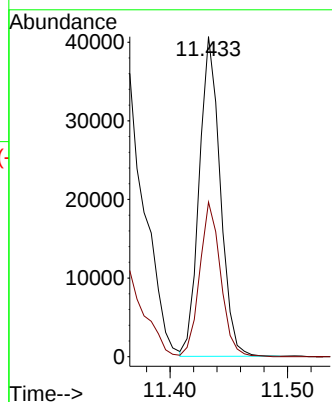
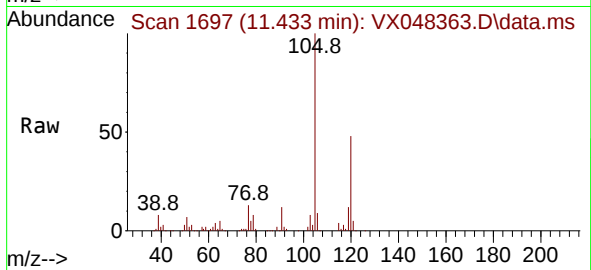
SB-18

Tgt Ion:105 Resp: 50307

Ion Ratio Lower Upper

105 100

120 48.4 24.0 72.0



#84

1,2,4-Trimethylbenzene

Concen: 22.606 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX048363.D

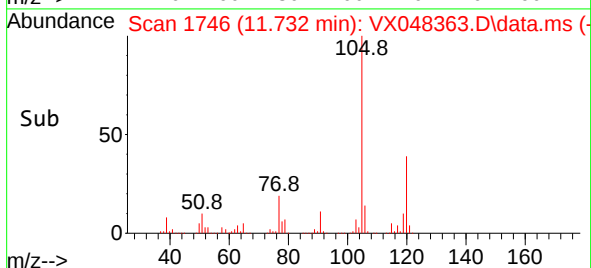
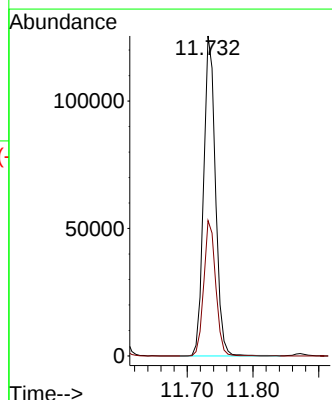
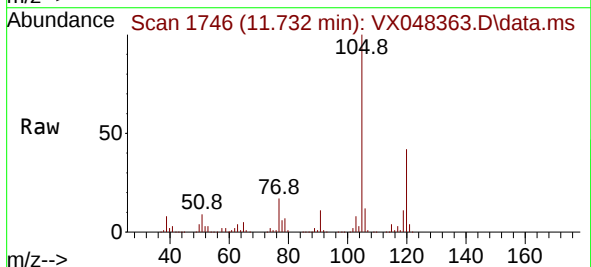
Acq: 27 Oct 2025 12:17

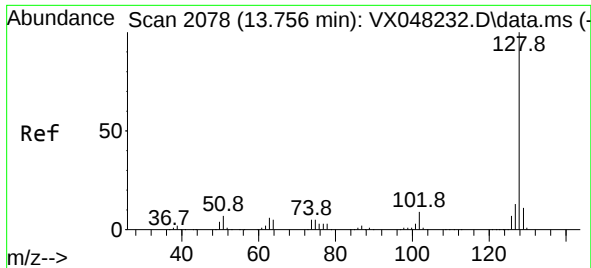
Tgt Ion:105 Resp: 157379

Ion Ratio Lower Upper

105 100

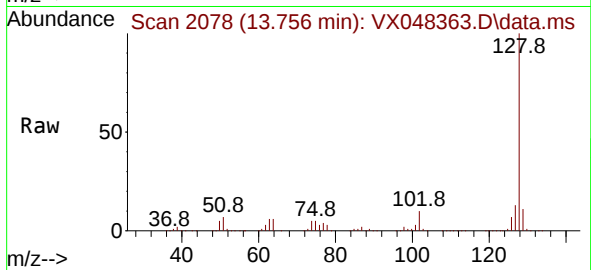
120 42.5 22.1 66.5





#95
Naphthalene
Concen: 120.988 ug/l
RT: 13.756 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX048363.D
Acq: 27 Oct 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
SB-18



Tgt Ion:128 Resp: 810962
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 8.6 12.8

