

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102725\
 Data File : VX048370.D
 Acq On : 27 Oct 2025 14:42
 Operator : JC/MD
 Sample : Q3446-03DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-16DL

Quant Time: Oct 28 01:54:23 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)

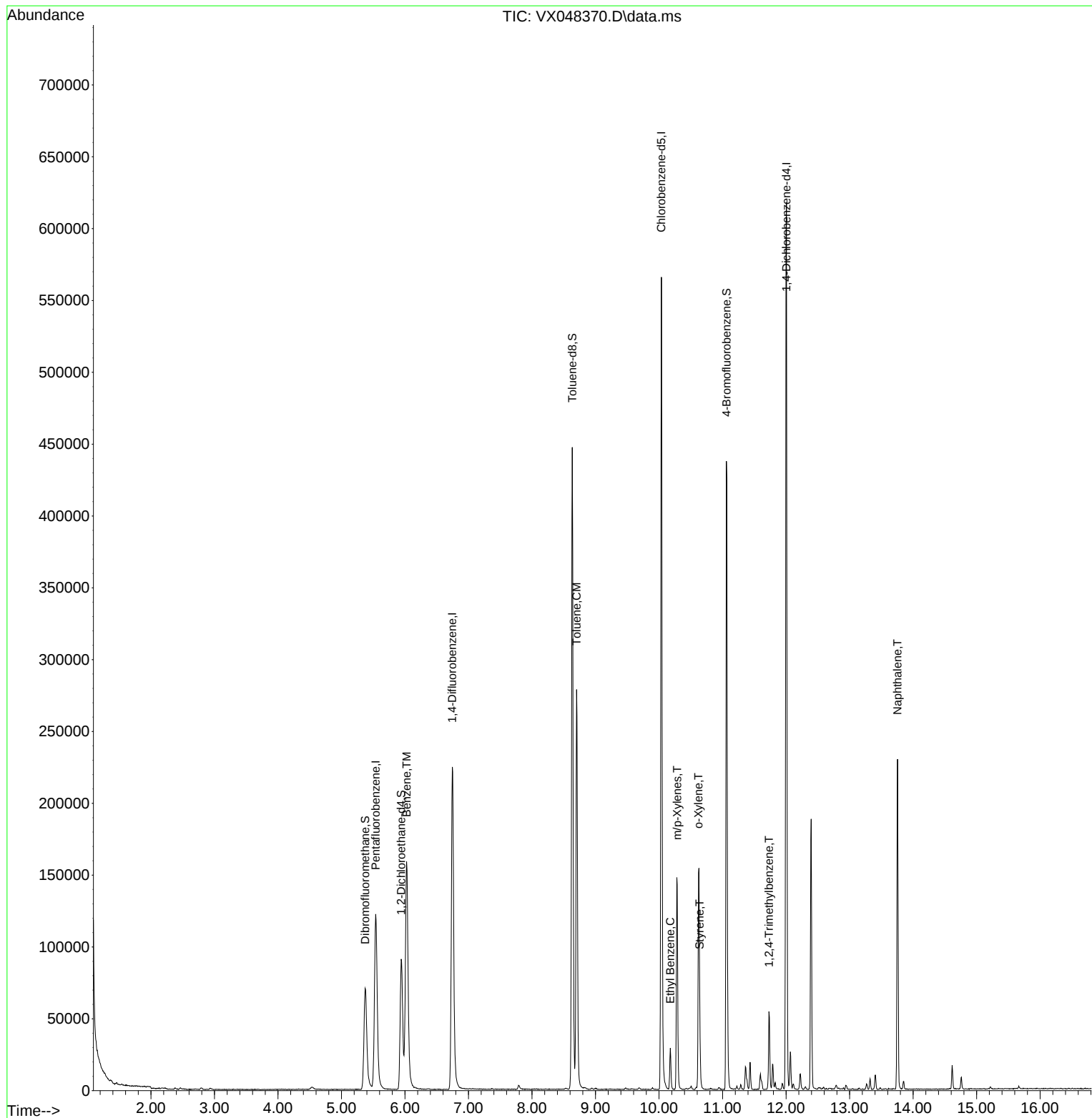
Internal Standards						
1) Pentafluorobenzene	5.537	168	120414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	247613	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	252681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	131639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	101996	60.414	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 120.820%	#
35) Dibromofluoromethane	5.373	113	69655	41.205	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 82.420%	
50) Toluene-d8	8.634	98	274537	46.334	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 92.660%	
62) 4-Bromofluorobenzene	11.061	95	124052	55.034	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.060%	
Target Compounds						
						Qvalue
40) Benzene	6.025	78	206357	29.582	ug/l	97
52) Toluene	8.702	92	109191	24.639	ug/l	99
67) Ethyl Benzene	10.177	91	16985	1.755	ug/l	98
68) m/p-Xylenes	10.287	106	36025	10.019	ug/l	98
69) o-Xylene	10.622	106	32998	9.506	ug/l	97
70) Styrene	10.640	104	15866	2.684	ug/l	# 72
84) 1,2,4-Trimethylbenzene	11.731	105	23651	2.978	ug/l	99
95) Naphthalene	13.756	128	134018	17.529	ug/l	100

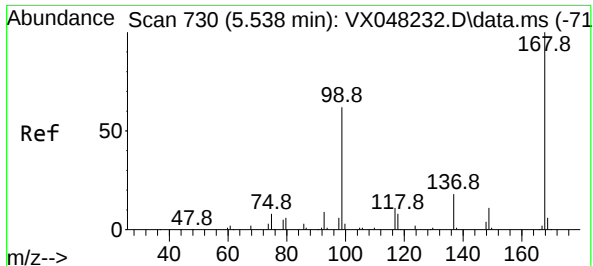
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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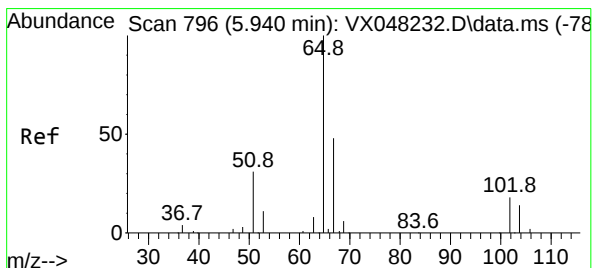
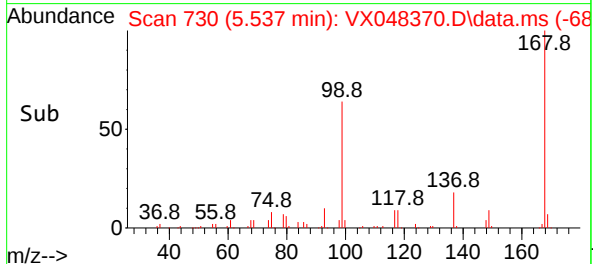
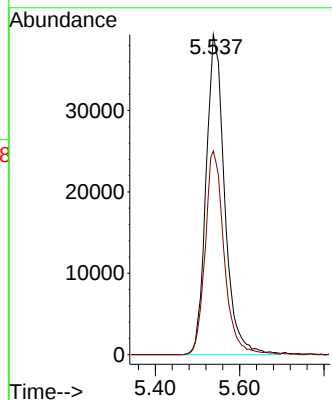
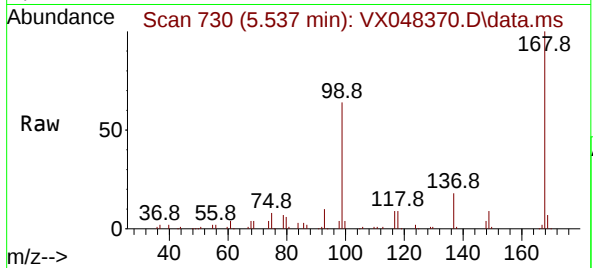




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048370.D
Acq: 27 Oct 2025 14:42

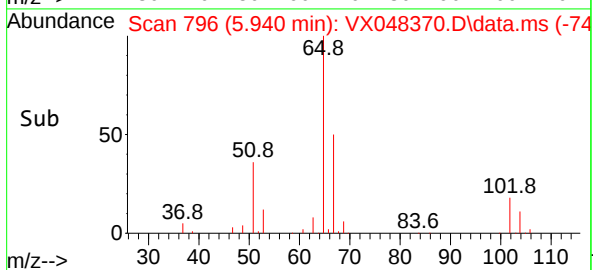
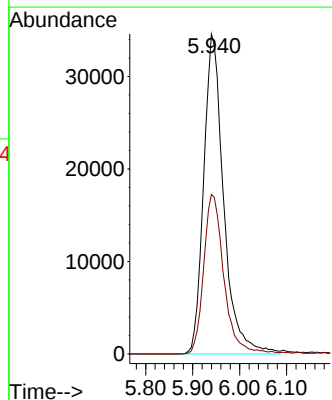
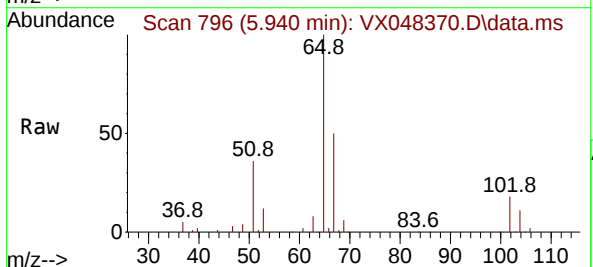
Instrument :
MSVOA_X
ClientSampleId :
SB-16DL

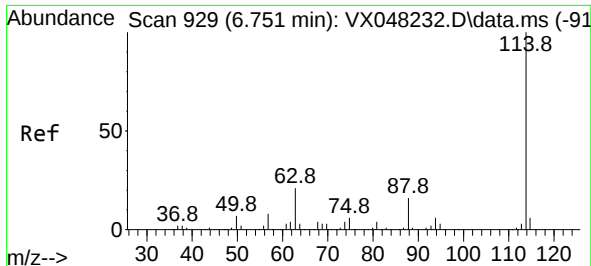
Tgt Ion:168 Resp: 120414
Ion Ratio Lower Upper
168 100
99 63.6 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 60.414 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048370.D
Acq: 27 Oct 2025 14:42

Tgt Ion: 65 Resp: 101996
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.0

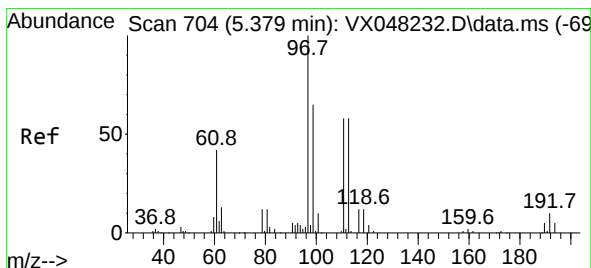
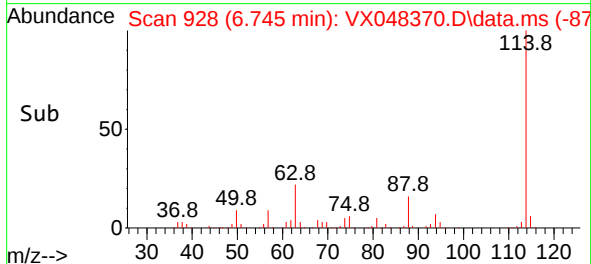
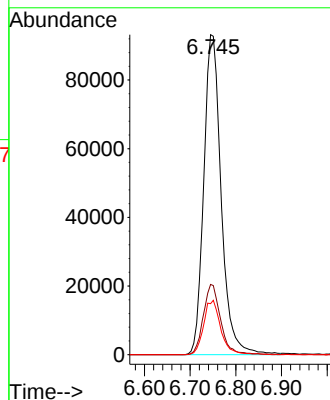
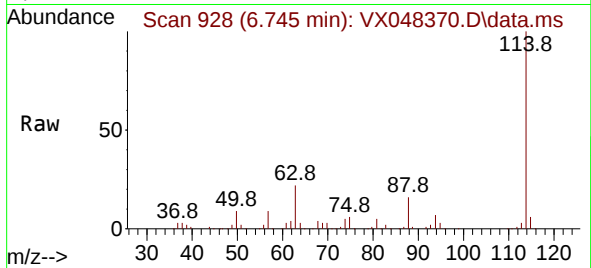




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048370.D
Acq: 27 Oct 2025 14:42

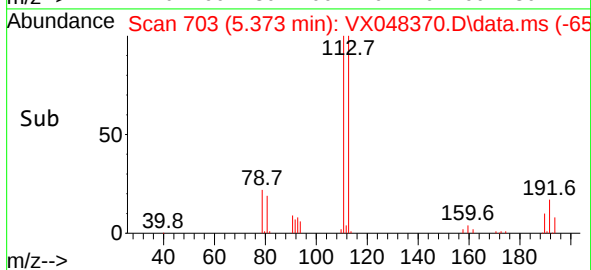
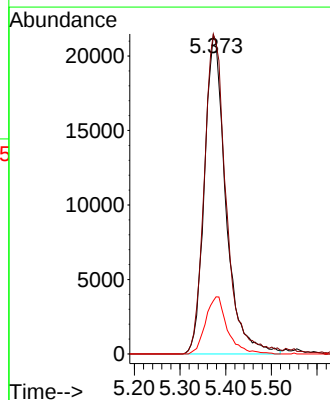
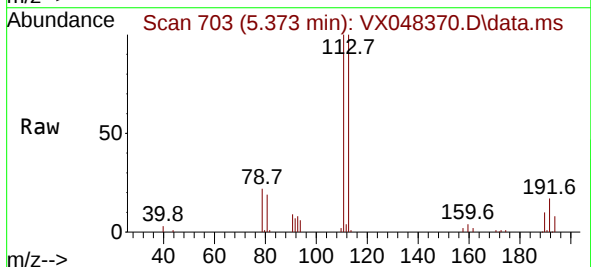
Instrument :
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ClientSampleId :
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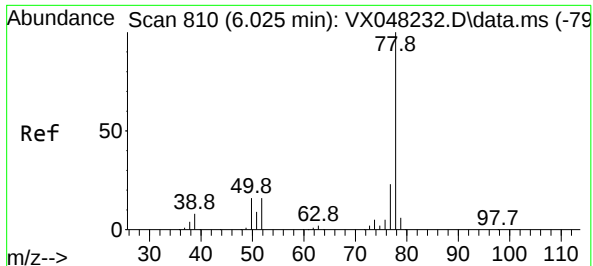
Tgt Ion:114 Resp: 247613
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.2
88 15.9 0.0 33.6



#35
Dibromofluoromethane
Concen: 41.205 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048370.D
Acq: 27 Oct 2025 14:42

Tgt Ion:113 Resp: 69655
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 18.3 15.1 22.7

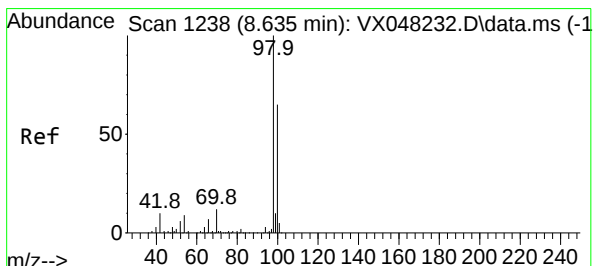
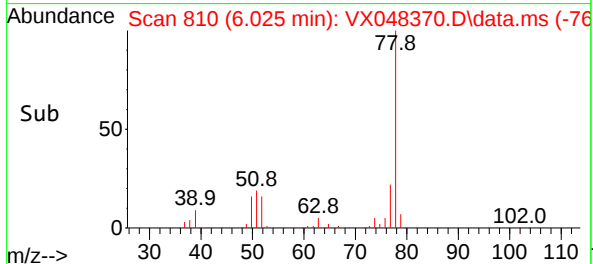
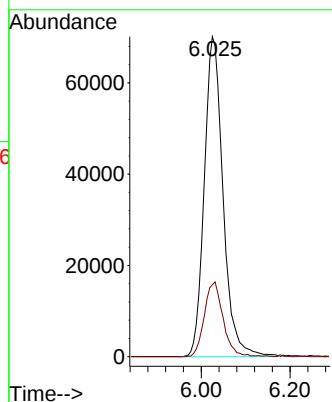
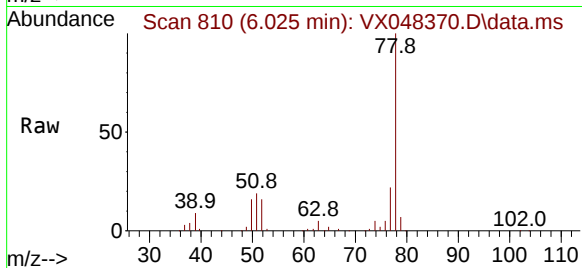




#40
Benzene
Concen: 29.582 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048370.D
Acq: 27 Oct 2025 14:42

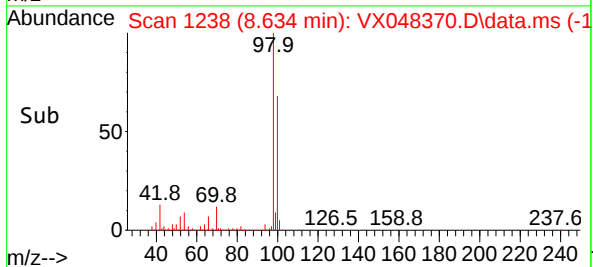
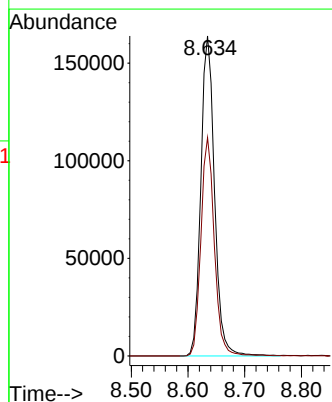
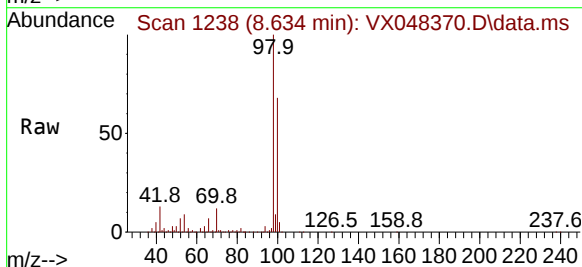
Instrument :
MSVOA_X
ClientSampleId :
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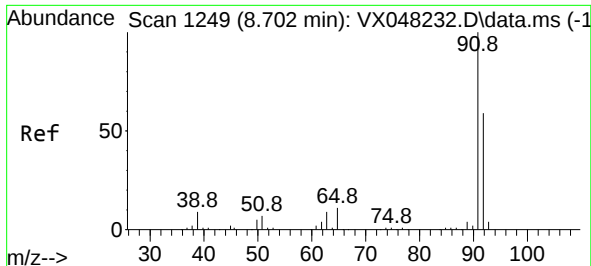
Tgt Ion: 78 Resp: 206357
Ion Ratio Lower Upper
78 100
77 22.5 19.3 28.9



#50
Toluene-d8
Concen: 46.334 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048370.D
Acq: 27 Oct 2025 14:42

Tgt Ion: 98 Resp: 274537
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.4

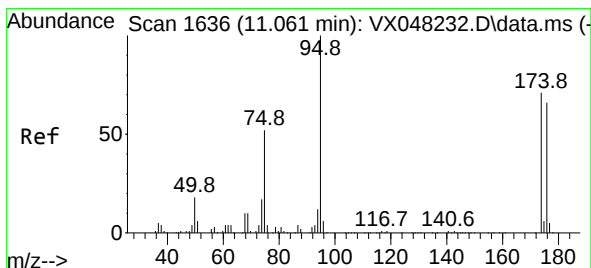
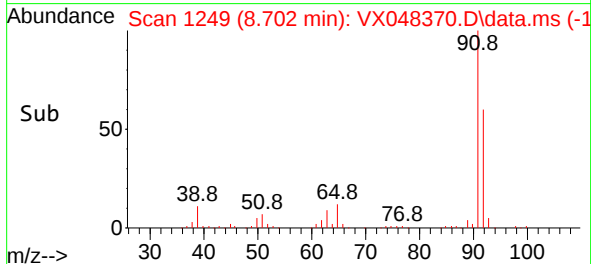
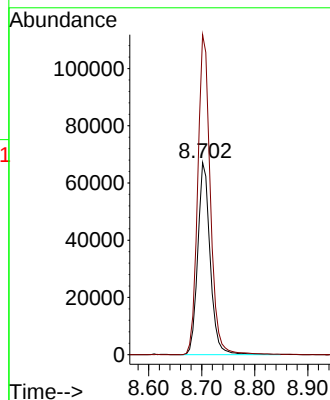
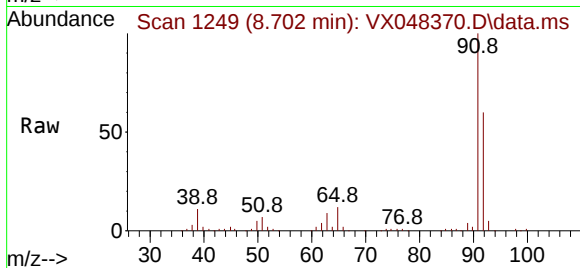




#52
Toluene
Concen: 24.639 ug/l
RT: 8.702 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048370.D
Acq: 27 Oct 2025 14:42

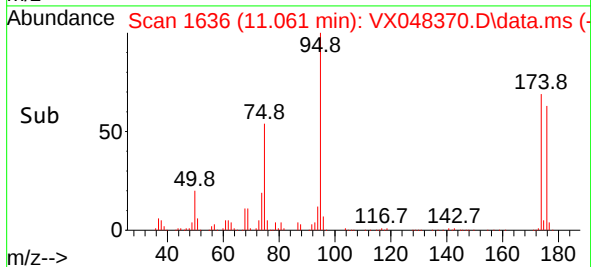
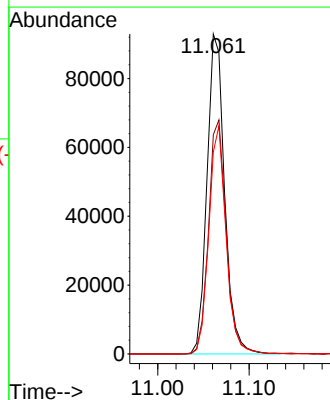
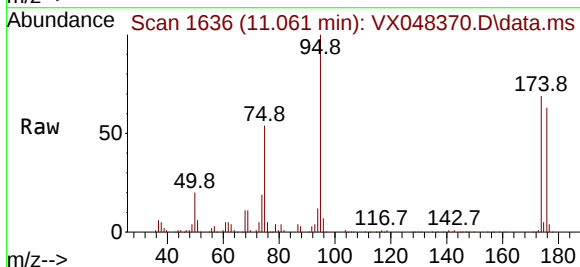
Instrument :
MSVOA_X
ClientSampleId :
SB-16DL

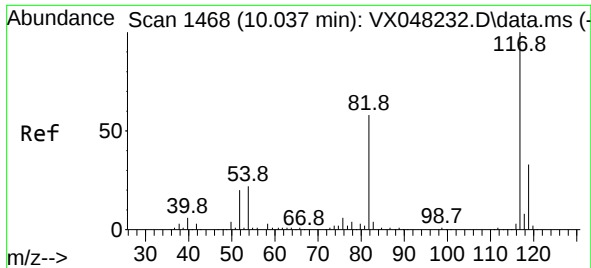
Tgt Ion: 92 Resp: 109191
Ion Ratio Lower Upper
92 100
91 168.8 136.1 204.1



#62
4-Bromofluorobenzene
Concen: 55.034 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048370.D
Acq: 27 Oct 2025 14:42

Tgt Ion: 95 Resp: 124052
Ion Ratio Lower Upper
95 100
174 73.7 0.0 147.8
176 69.6 0.0 142.8

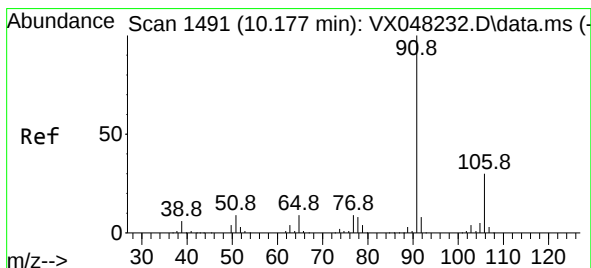
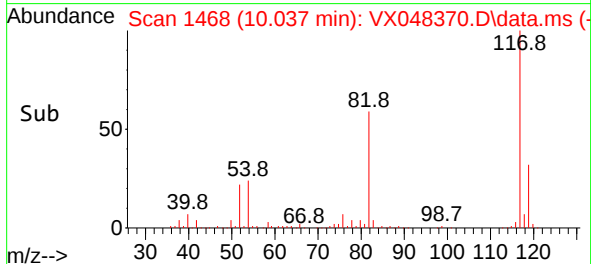
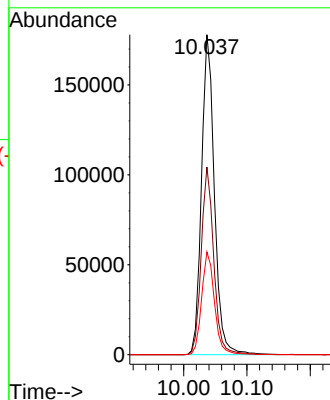
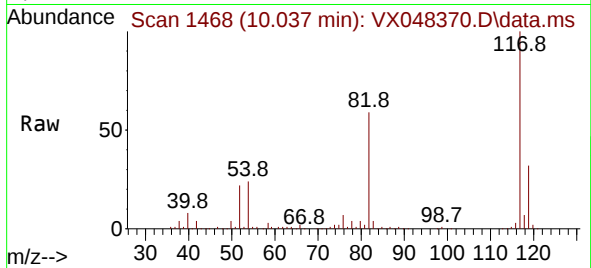




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048370.D
Acq: 27 Oct 2025 14:42

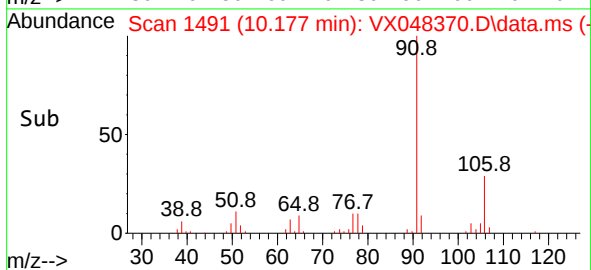
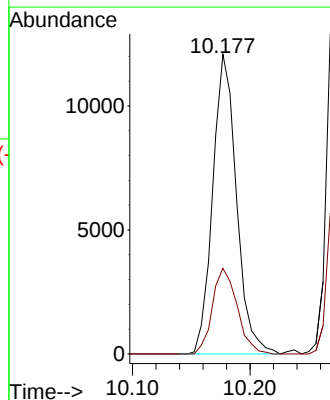
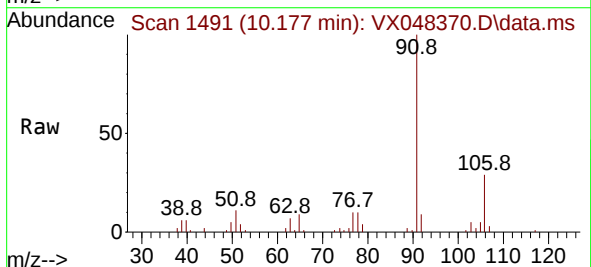
Instrument :
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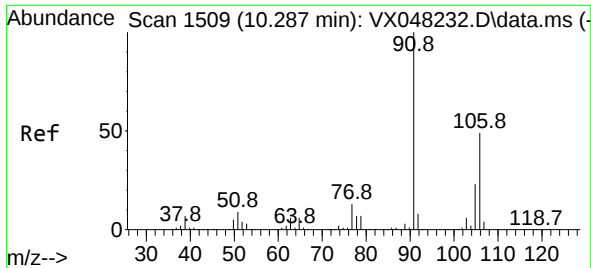
Tgt Ion:117 Resp: 252681
Ion Ratio Lower Upper
117 100
82 58.7 46.5 69.7
119 32.1 25.9 38.9



#67
Ethyl Benzene
Concen: 1.755 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048370.D
Acq: 27 Oct 2025 14:42

Tgt Ion: 91 Resp: 16985
Ion Ratio Lower Upper
91 100
106 28.6 23.8 35.6

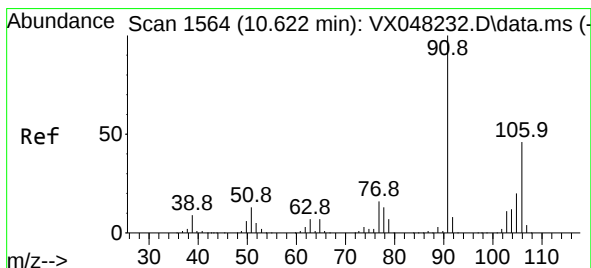
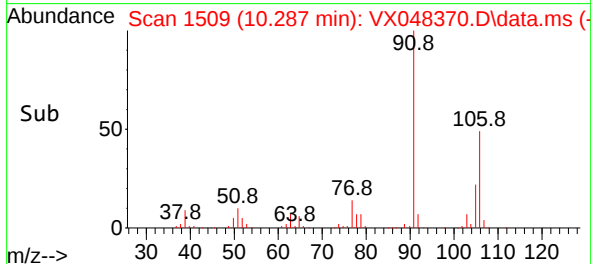
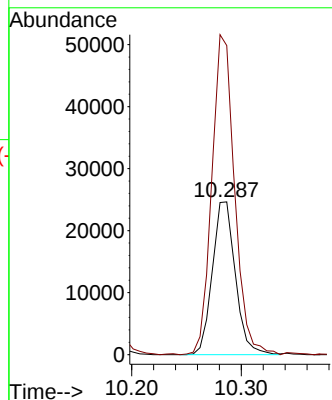
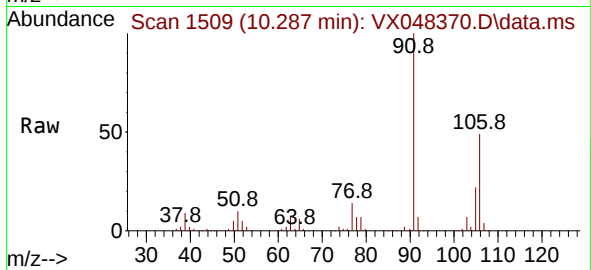




#68
m/p-Xylenes
Concen: 10.019 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048370.D
Acq: 27 Oct 2025 14:42

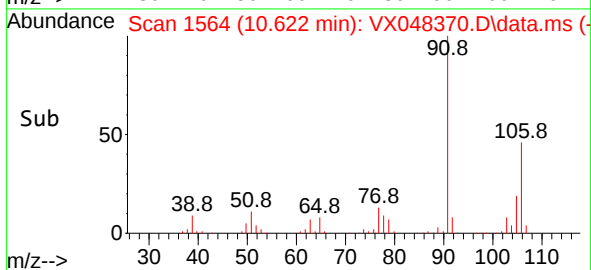
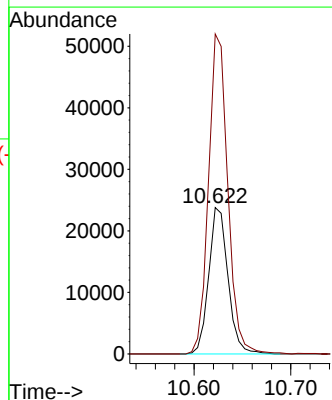
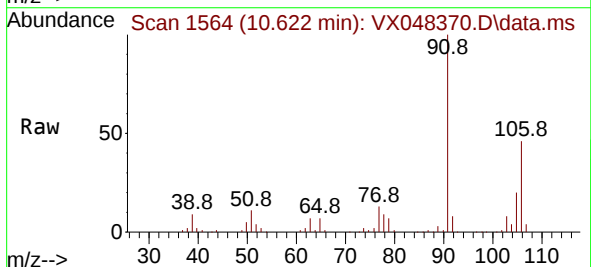
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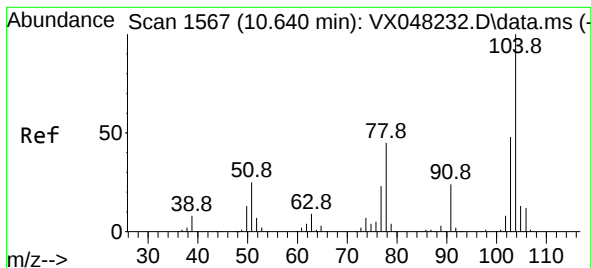
Tgt Ion:106 Resp: 36025
Ion Ratio Lower Upper
106 100
91 206.9 167.9 251.9



#69
o-Xylene
Concen: 9.506 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048370.D
Acq: 27 Oct 2025 14:42

Tgt Ion:106 Resp: 32998
Ion Ratio Lower Upper
106 100
91 218.4 111.3 333.9





#70

Styrene

Concen: 2.684 ug/l

RT: 10.640 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048370.D

Acq: 27 Oct 2025 14:42

Instrument :

MSVOA_X

ClientSampleId :

SB-16DL

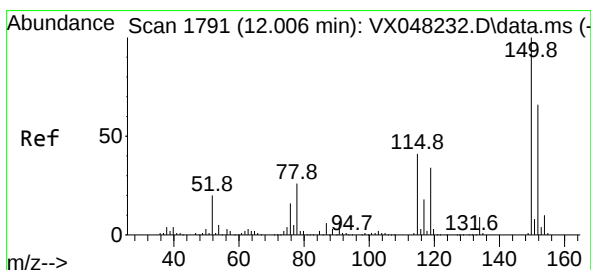
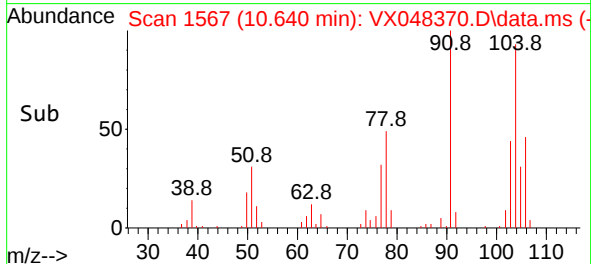
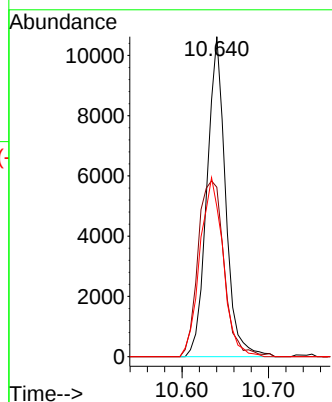
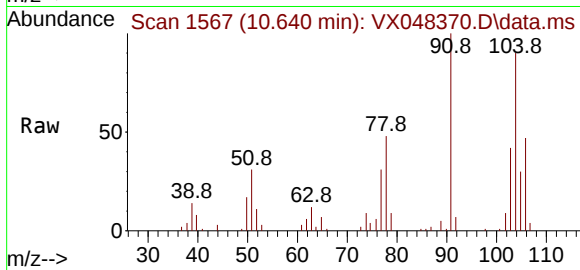
Tgt Ion:104 Resp: 15866

Ion Ratio Lower Upper

104 100

78 77.0 42.2 63.4#

103 69.8 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: VX048370.D

Acq: 27 Oct 2025 14:42

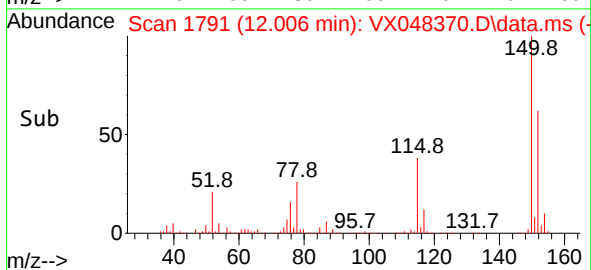
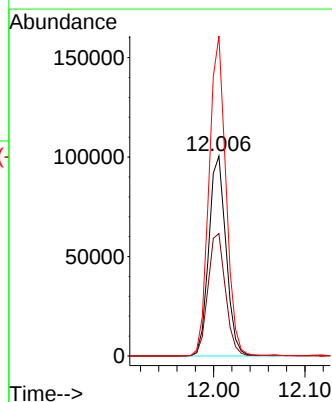
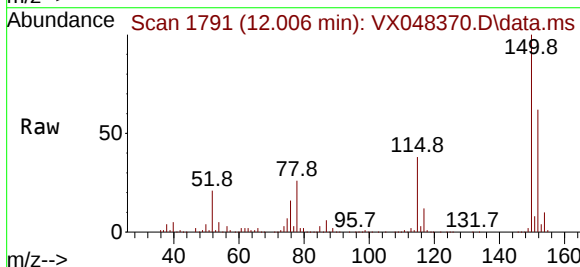
Tgt Ion:152 Resp: 131639

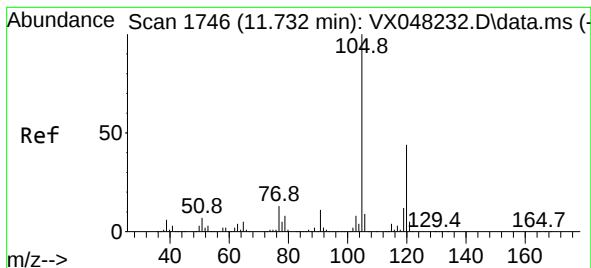
Ion Ratio Lower Upper

152 100

115 62.3 43.1 129.4

150 157.2 0.0 353.0





#84

1,2,4-Trimethylbenzene

Concen: 2.978 ug/l

RT: 11.731 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048370.D

Acq: 27 Oct 2025 14:42

Instrument :

MSVOA_X

ClientSampleId :

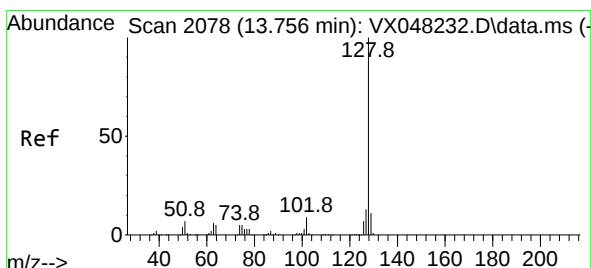
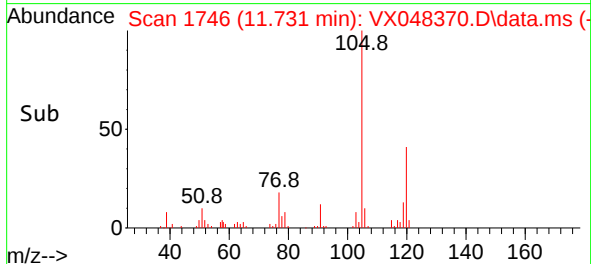
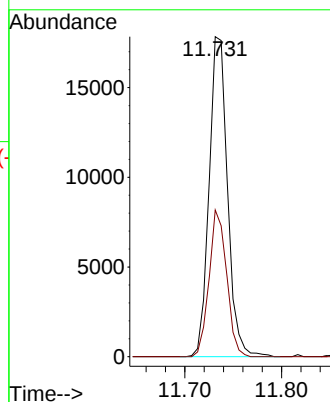
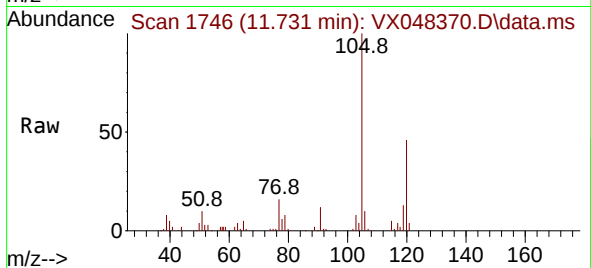
SB-16DL

Tgt Ion:105 Resp: 23651

Ion Ratio Lower Upper

105 100

120 43.6 22.1 66.5



#95

Naphthalene

Concen: 17.529 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX048370.D

Acq: 27 Oct 2025 14:42

Tgt Ion:128 Resp: 134018

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.7 8.6 12.8

