

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102725\
 Data File : VX048362.D
 Acq On : 27 Oct 2025 11:56
 Operator : JC/MD
 Sample : Q3446-04 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-17

Quant Time: Oct 28 01:50:54 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)

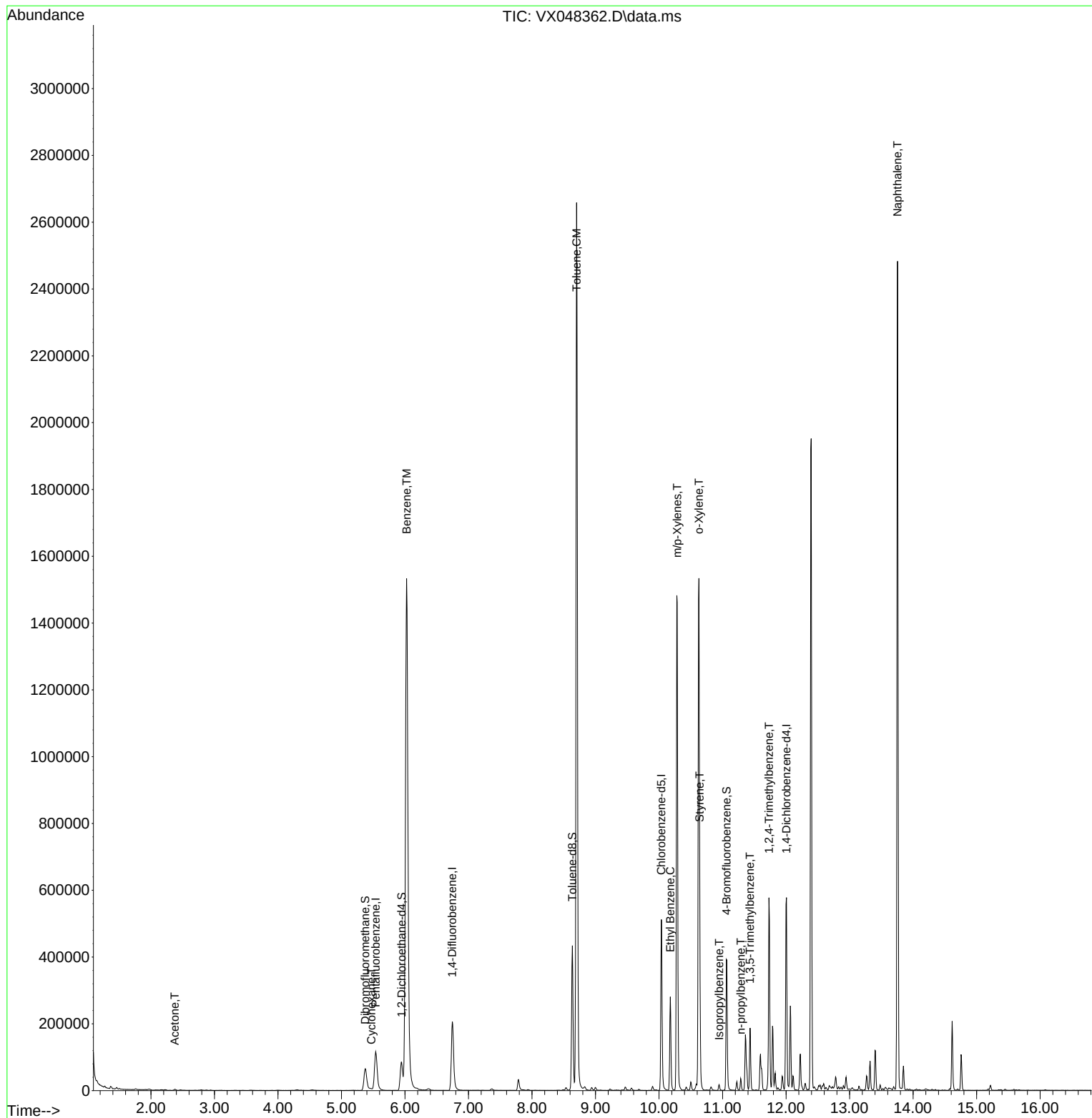
Internal Standards						
1) Pentafluorobenzene	5.538	168	114441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	226770	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	228617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	118702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	94287	58.762	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 117.520%#	
35) Dibromofluoromethane	5.373	113	63957	41.312	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 82.620%	
50) Toluene-d8	8.635	98	257560	47.464	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.920%	
62) 4-Bromofluorobenzene	11.061	95	113449	54.956	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.920%	
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	4338	7.881	ug/l	97
31) Cyclohexane	5.471	56	2351	1.180	ug/l	98
40) Benzene	6.025	78	1945652	304.553	ug/l	99
52) Toluene	8.702	92	1019556	251.212	ug/l	100
67) Ethyl Benzene	10.177	91	161683	18.465	ug/l	99
68) m/p-Xylenes	10.287	106	350949	107.876	ug/l	100
69) o-Xylene	10.628	106	312691	99.557	ug/l	99
70) Styrene	10.640	104	154531	28.895	ug/l #	74
73) Isopropylbenzene	10.945	105	8835	1.019	ug/l	98
78) n-propylbenzene	11.287	91	20435	2.036	ug/l	97
80) 1,3,5-Trimethylbenzene	11.433	105	82158	11.451	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	247229	34.527	ug/l	98
95) Naphthalene	13.756	128	1401107	203.238	ug/l	99

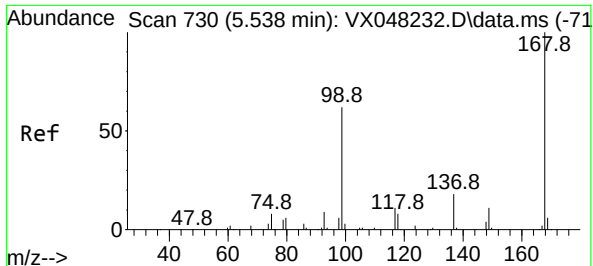
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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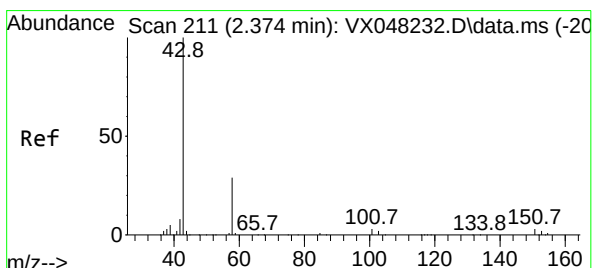
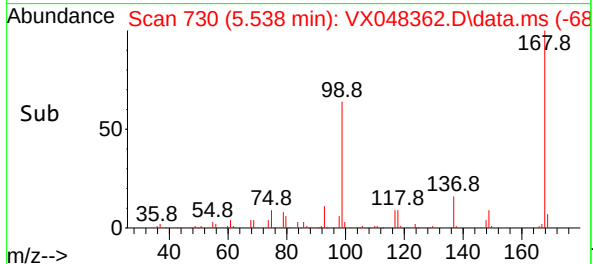
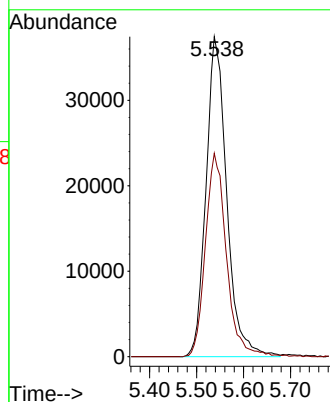
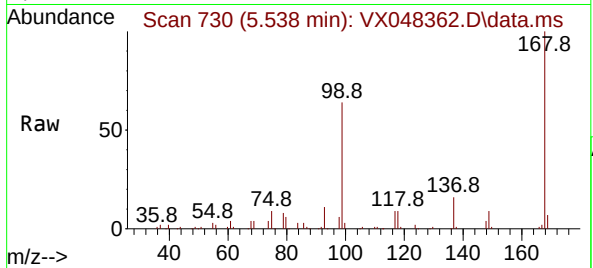




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048362.D
Acq: 27 Oct 2025 11:56

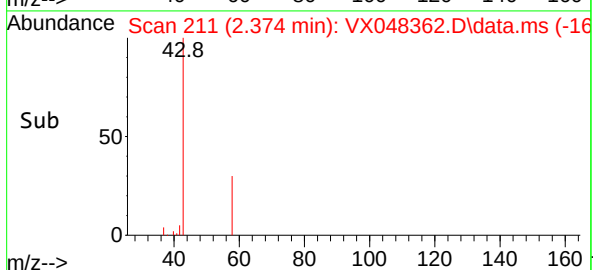
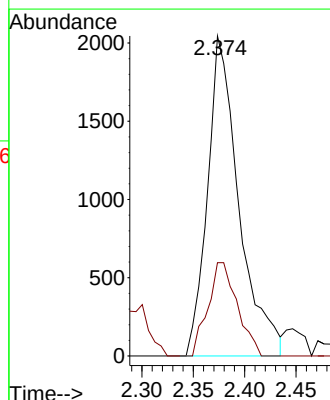
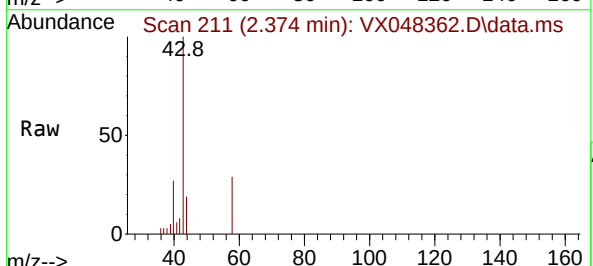
Instrument :
MSVOA_X
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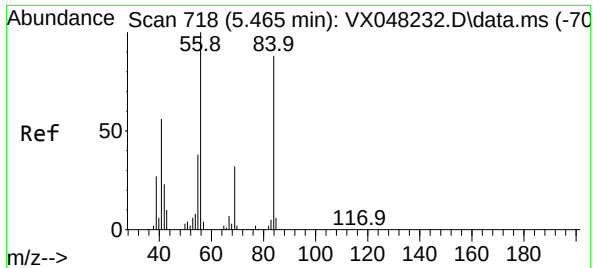
Tgt Ion:168 Resp: 114441
Ion Ratio Lower Upper
168 100
99 63.6 46.4 69.6



#16
Acetone
Concen: 7.881 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048362.D
Acq: 27 Oct 2025 11:56

Tgt Ion: 43 Resp: 4338
Ion Ratio Lower Upper
43 100
58 31.0 23.4 35.2

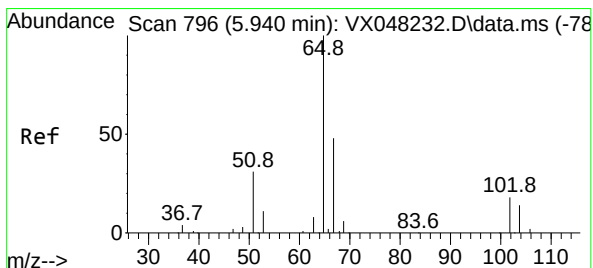
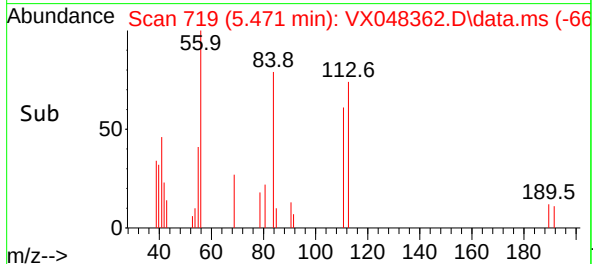
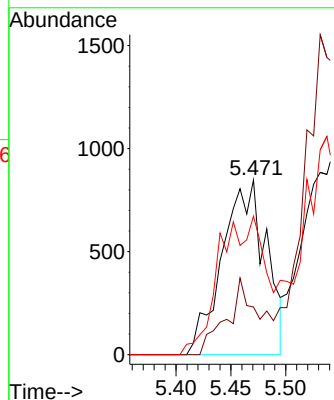
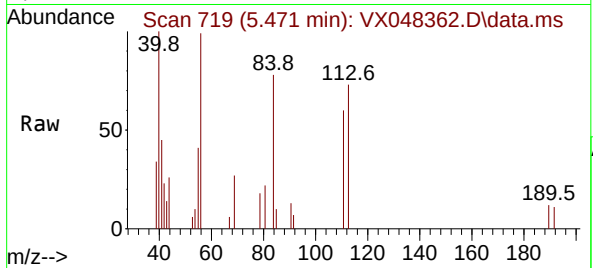




#31
Cyclohexane
Concen: 1.180 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.012 min
Lab File: VX048362.D
Acq: 27 Oct 2025 11:56

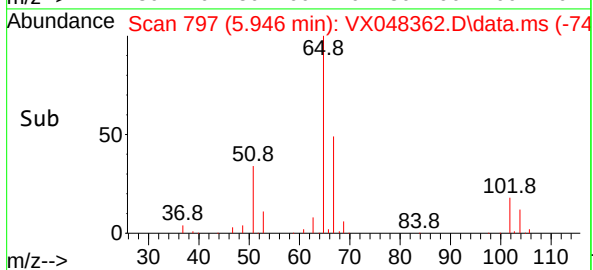
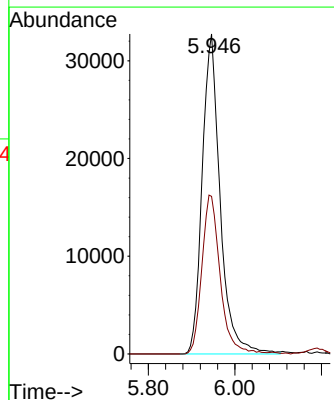
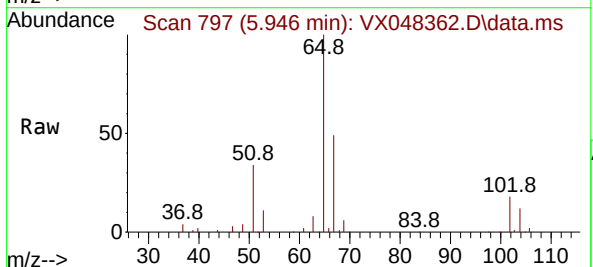
Instrument :
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SB-17

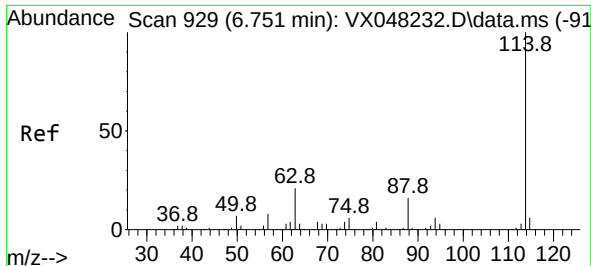
Tgt Ion: 56 Resp: 2351
Ion Ratio Lower Upper
56 100
69 27.2 23.0 34.6
84 79.2 64.6 97.0



#33
1,2-Dichloroethane-d4
Concen: 58.762 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048362.D
Acq: 27 Oct 2025 11:56

Tgt Ion: 65 Resp: 94287
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.0

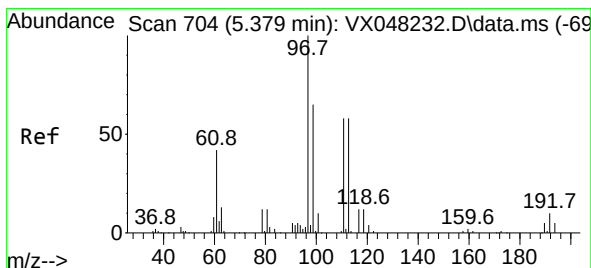
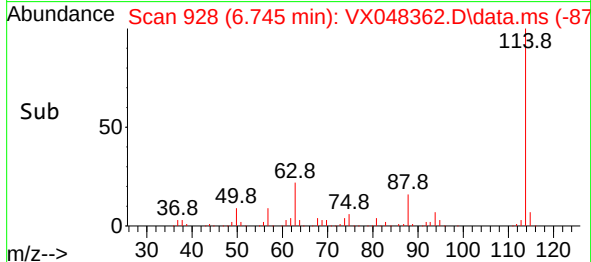
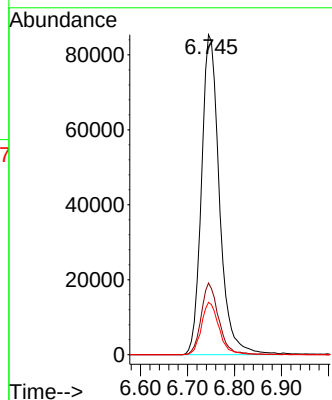
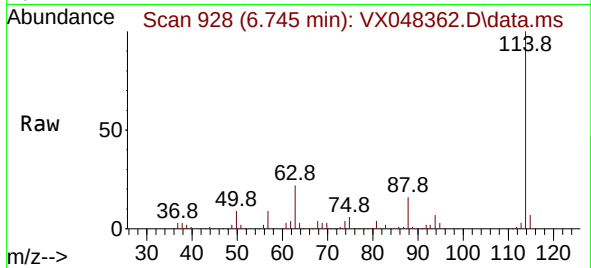




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048362.D
Acq: 27 Oct 2025 11:56

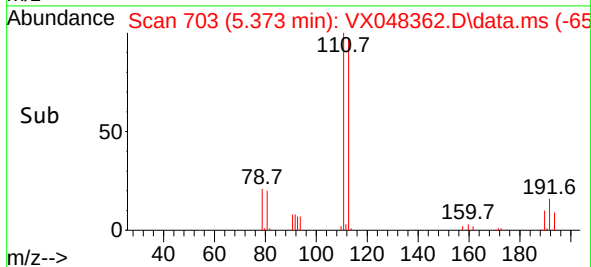
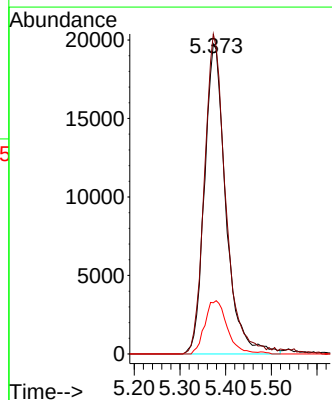
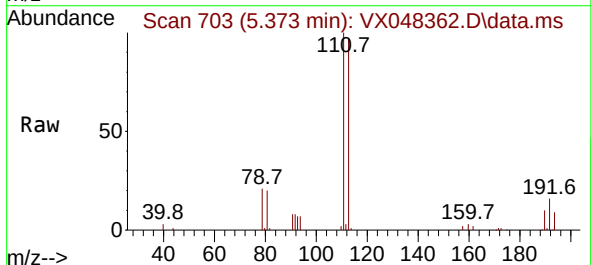
Instrument :
MSVOA_X
ClientSampleId :
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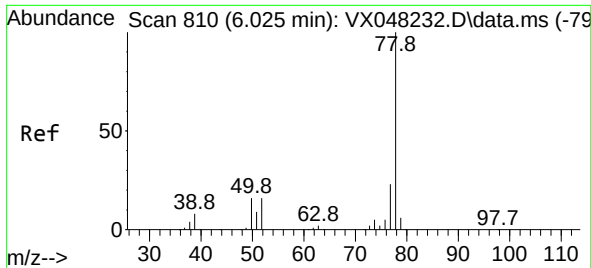
Tgt Ion:114 Resp: 226770
Ion Ratio Lower Upper
114 100
63 22.4 0.0 43.2
88 16.3 0.0 33.6



#35
Dibromofluoromethane
Concen: 41.312 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048362.D
Acq: 27 Oct 2025 11:56

Tgt Ion:113 Resp: 63957
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 18.0 15.1 22.7

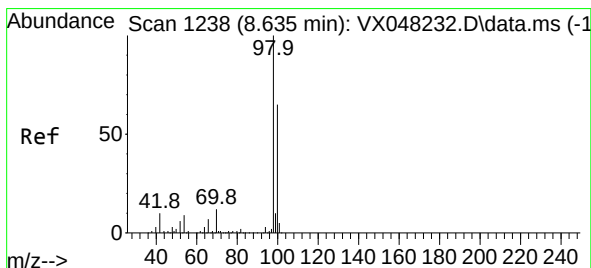
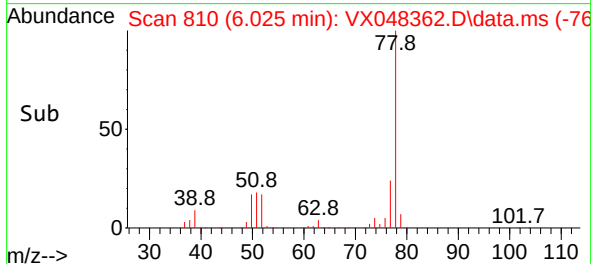
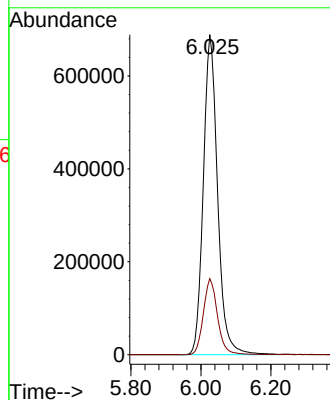
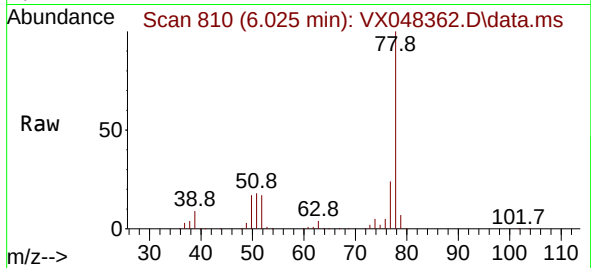




#40
Benzene
Concen: 304.553 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048362.D
Acq: 27 Oct 2025 11:56

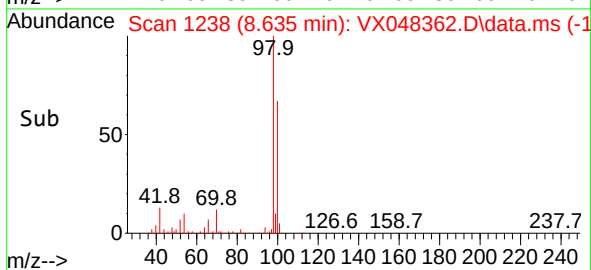
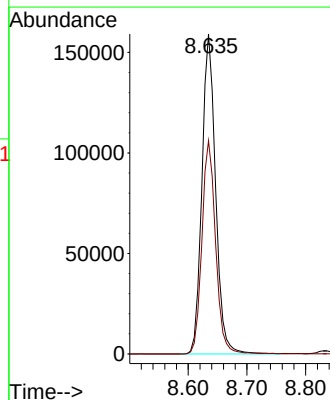
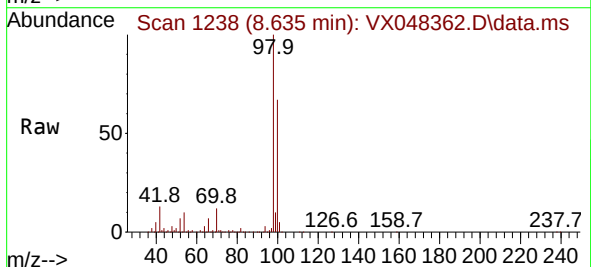
Instrument :
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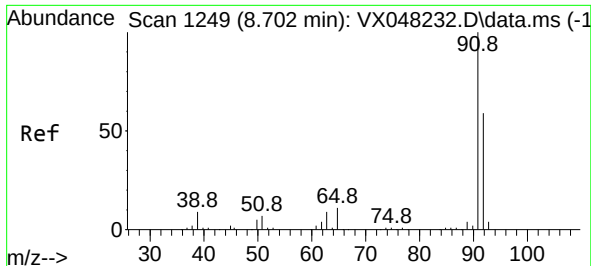
Tgt Ion: 78 Resp: 1945652
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9



#50
Toluene-d8
Concen: 47.464 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048362.D
Acq: 27 Oct 2025 11:56

Tgt Ion: 98 Resp: 257560
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4

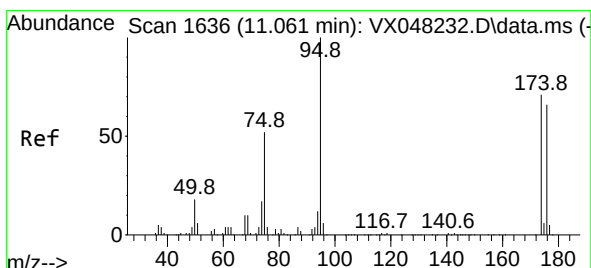
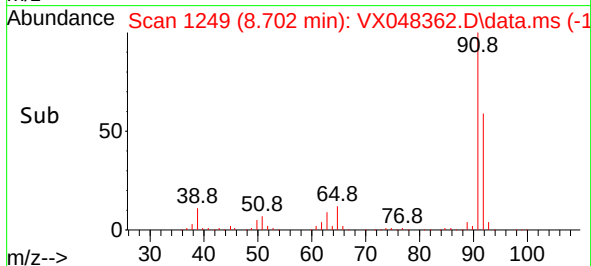
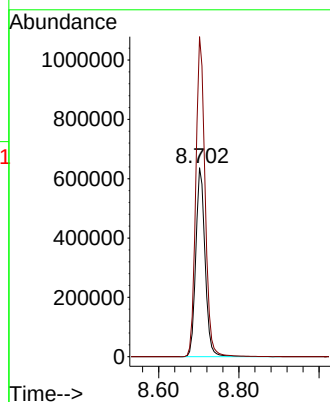
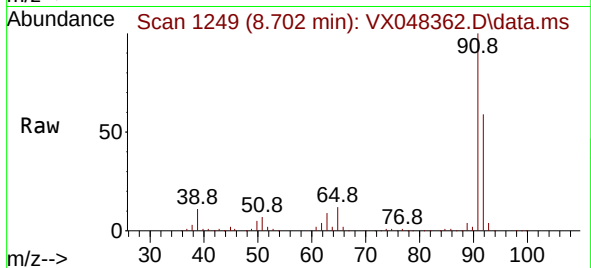




#52
Toluene
Concen: 251.212 ug/l
RT: 8.702 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048362.D
Acq: 27 Oct 2025 11:56

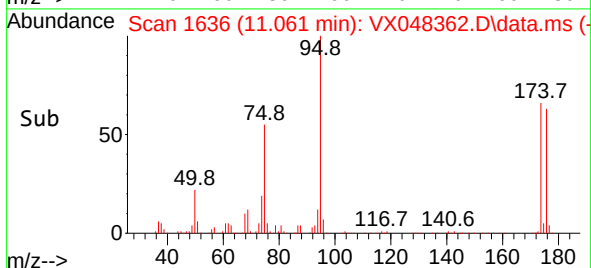
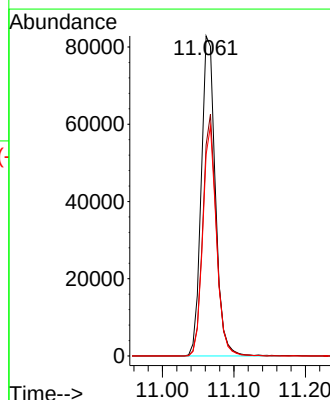
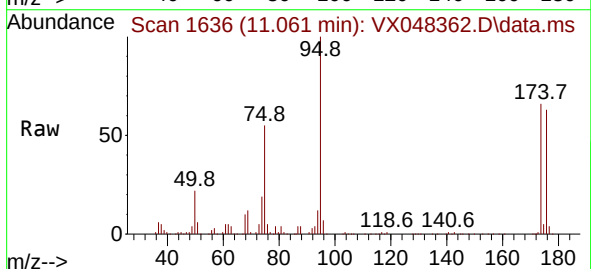
Instrument :
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ClientSampleId :
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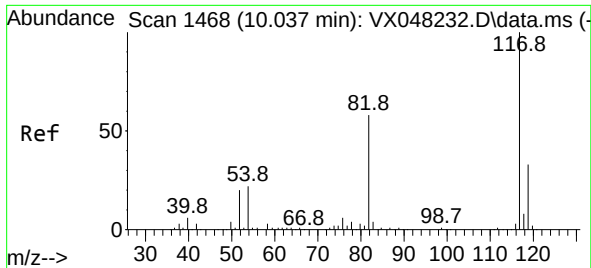
Tgt Ion: 92 Resp: 1019556
Ion Ratio Lower Upper
92 100
91 169.7 136.1 204.1



#62
4-Bromofluorobenzene
Concen: 54.956 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048362.D
Acq: 27 Oct 2025 11:56

Tgt Ion: 95 Resp: 113449
Ion Ratio Lower Upper
95 100
174 72.8 0.0 147.8
176 69.7 0.0 142.8

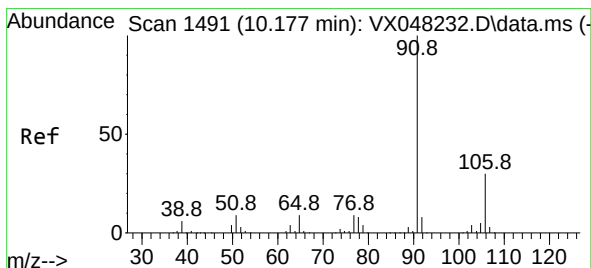
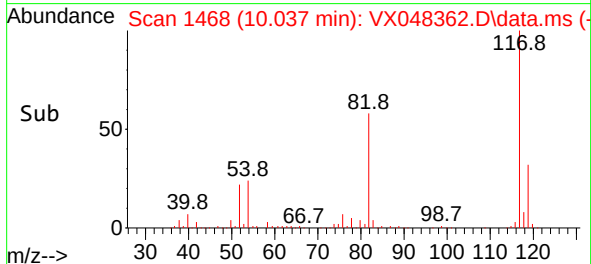
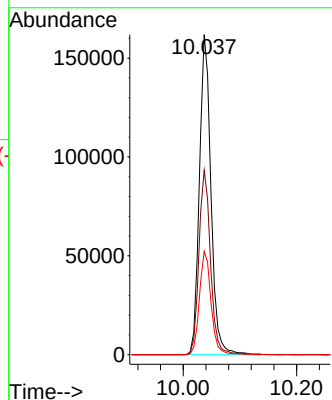
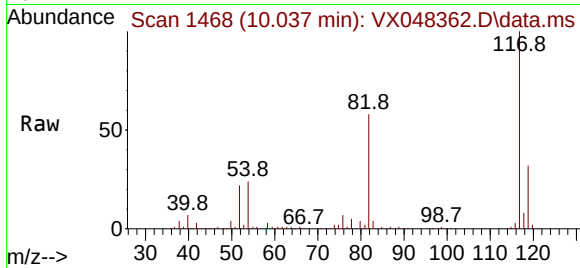




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048362.D
Acq: 27 Oct 2025 11:56

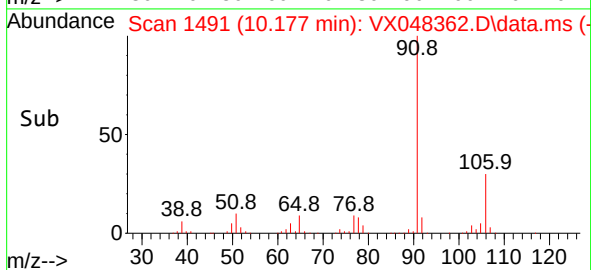
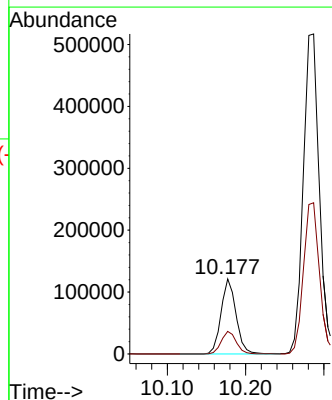
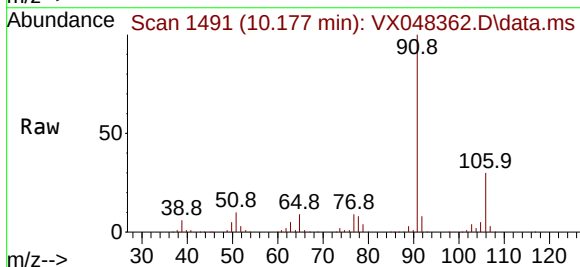
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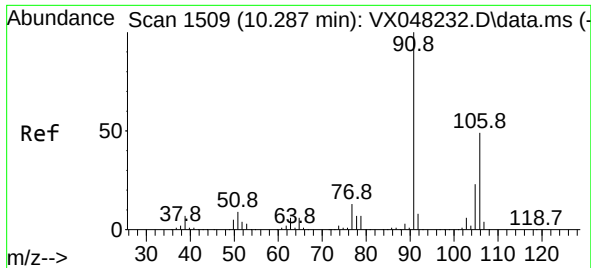
Tgt Ion:117 Resp: 228617
Ion Ratio Lower Upper
117 100
82 57.7 46.5 69.7
119 32.3 25.9 38.9



#67
Ethyl Benzene
Concen: 18.465 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048362.D
Acq: 27 Oct 2025 11:56

Tgt Ion: 91 Resp: 161683
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.6

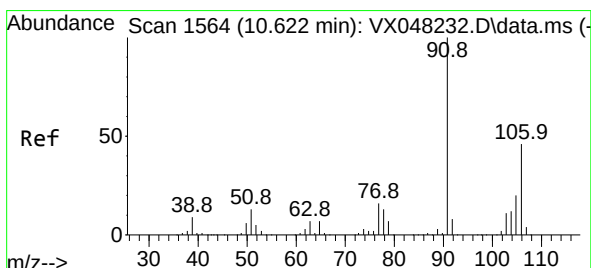
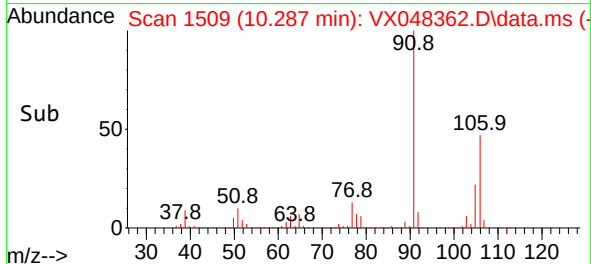
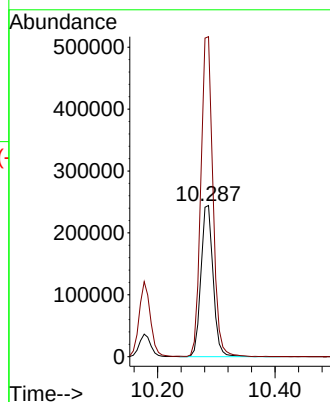
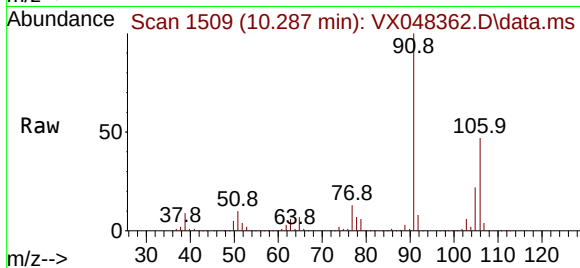




#68
m/p-Xylenes
Concen: 107.876 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048362.D
Acq: 27 Oct 2025 11:56

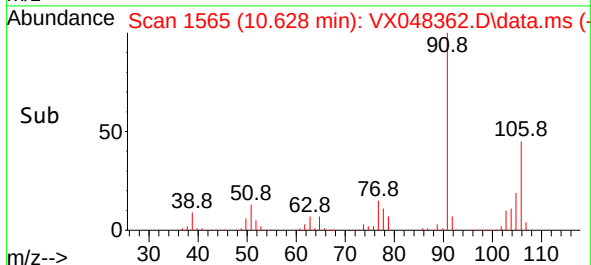
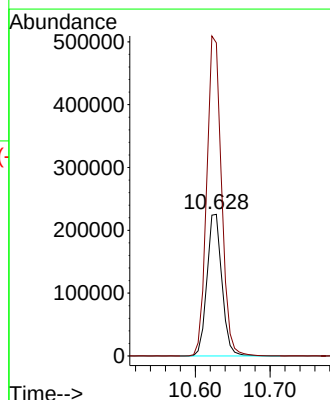
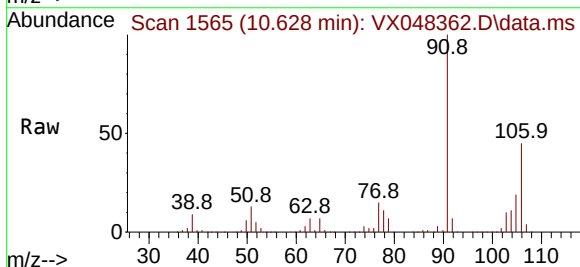
Instrument :
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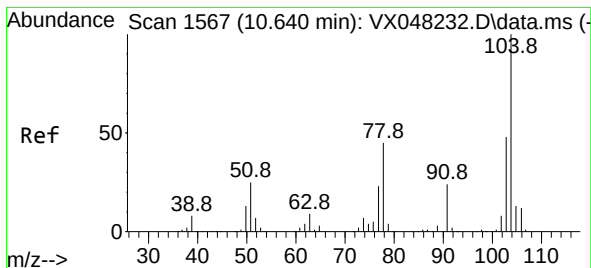
Tgt Ion:106 Resp: 350949
Ion Ratio Lower Upper
106 100
91 209.9 167.9 251.9



#69
o-Xylene
Concen: 99.557 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VX048362.D
Acq: 27 Oct 2025 11:56

Tgt Ion:106 Resp: 312691
Ion Ratio Lower Upper
106 100
91 223.5 111.3 333.9





#70

Styrene

Concen: 28.895 ug/l

RT: 10.640 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048362.D

Acq: 27 Oct 2025 11:56

Instrument :

MSVOA_X

ClientSampleId :

SB-17

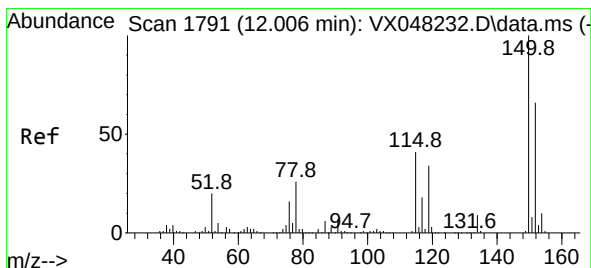
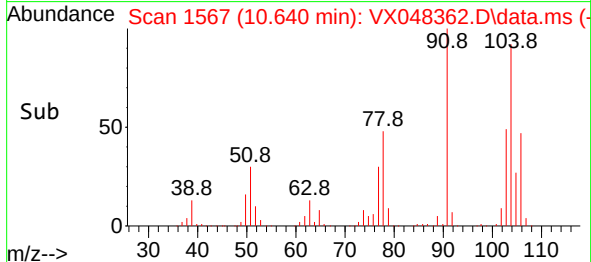
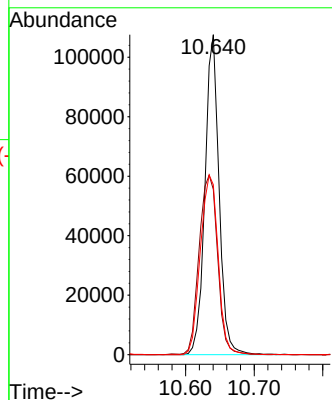
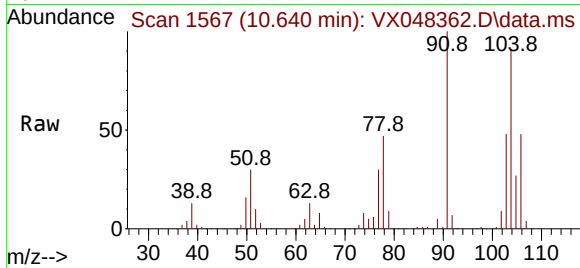
Tgt Ion:104 Resp: 154531

Ion Ratio Lower Upper

104 100

78 73.4 42.2 63.4#

103 70.6 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: VX048362.D

Acq: 27 Oct 2025 11:56

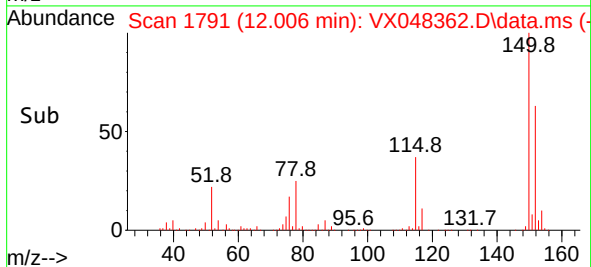
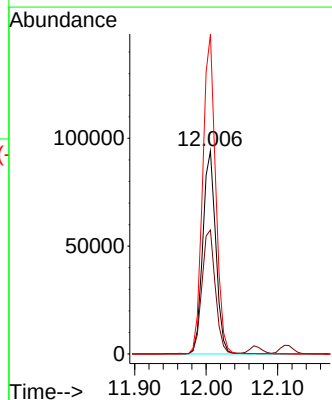
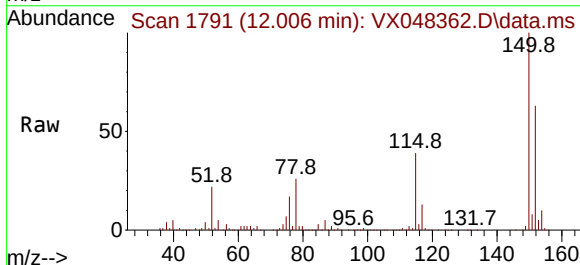
Tgt Ion:152 Resp: 118702

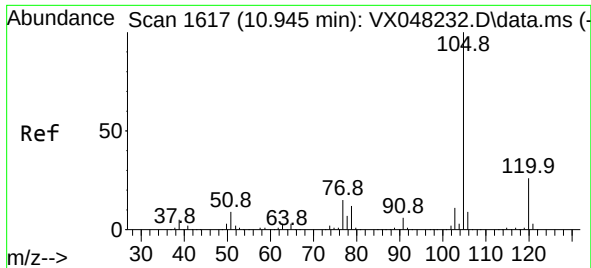
Ion Ratio Lower Upper

152 100

115 62.9 43.1 129.4

150 157.3 0.0 353.0

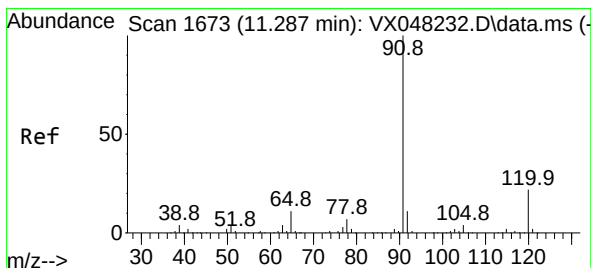
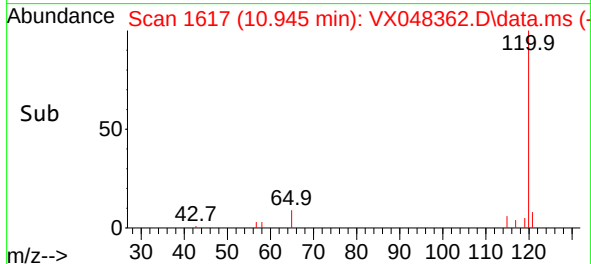
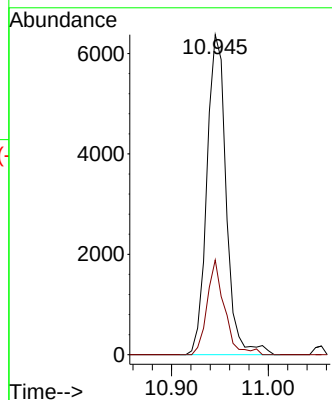
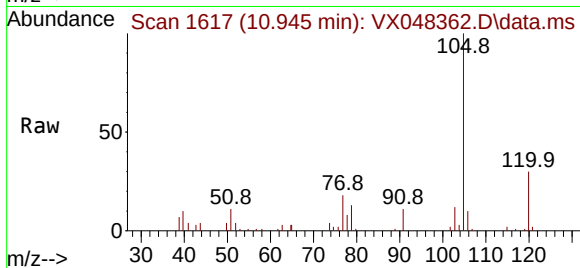




#73
Isopropylbenzene
Concen: 1.019 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048362.D
Acq: 27 Oct 2025 11:56

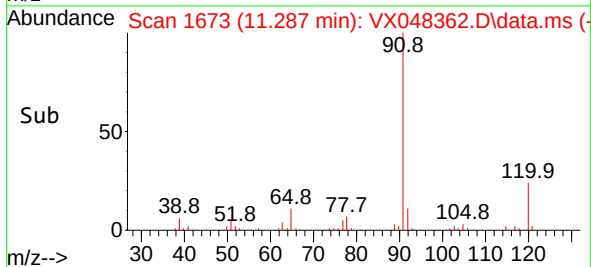
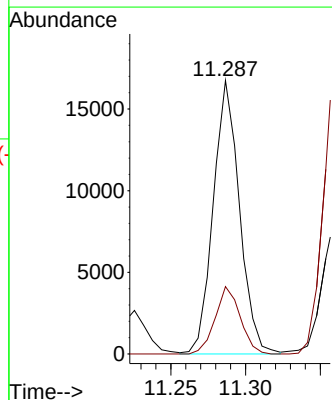
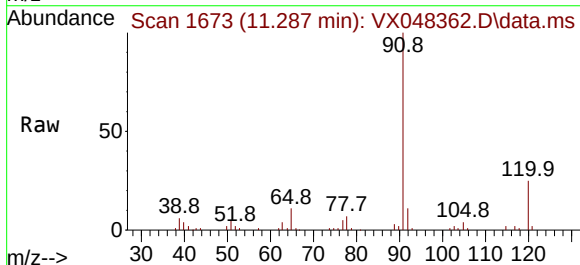
Instrument :
MSVOA_X
ClientSampleId :
SB-17

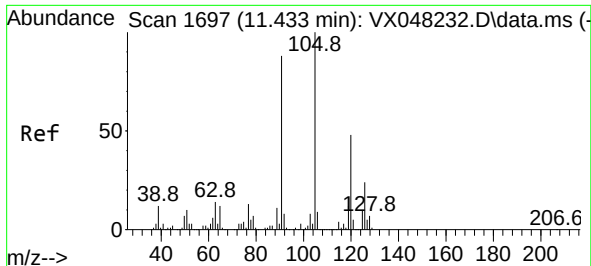
Tgt Ion:105 Resp: 8835
Ion Ratio Lower Upper
105 100
120 26.8 13.0 38.9



#78
n-propylbenzene
Concen: 2.036 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048362.D
Acq: 27 Oct 2025 11:56

Tgt Ion: 91 Resp: 20435
Ion Ratio Lower Upper
91 100
120 23.5 11.1 33.1

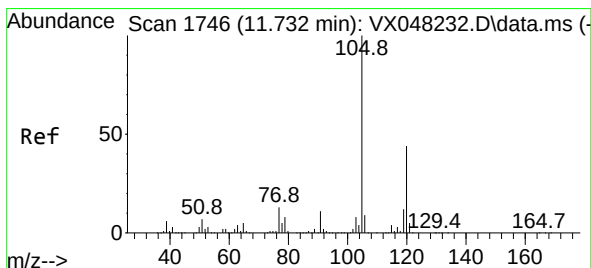
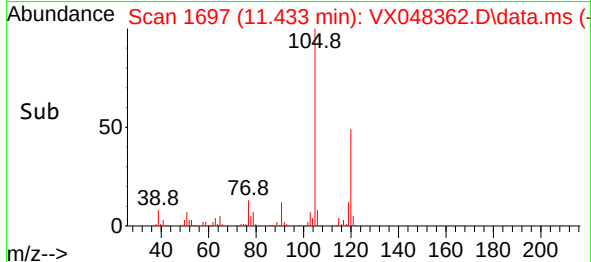
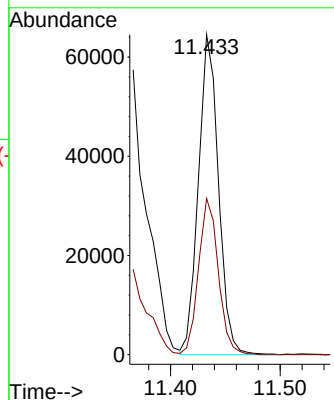
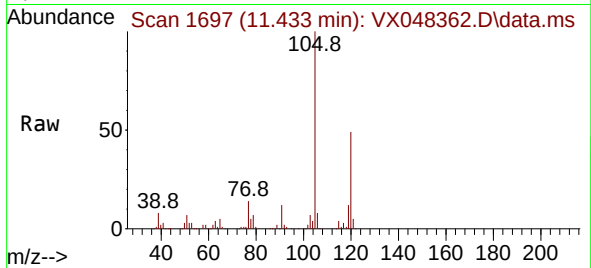




#80
1,3,5-Trimethylbenzene
Concen: 11.451 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048362.D
Acq: 27 Oct 2025 11:56

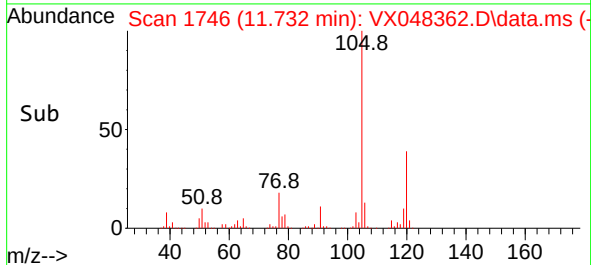
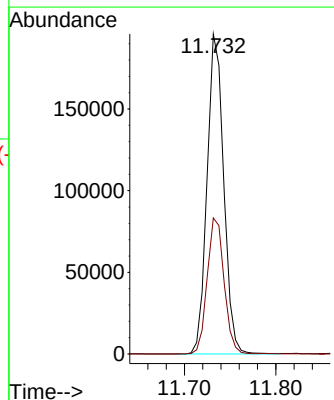
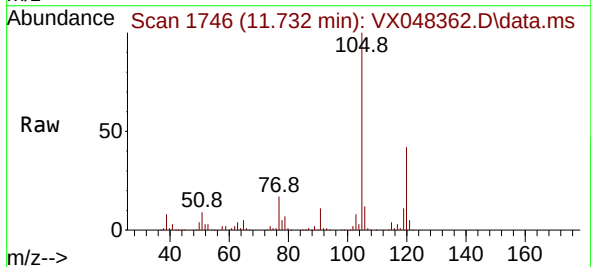
Instrument :
MSVOA_X
ClientSampleId :
SB-17

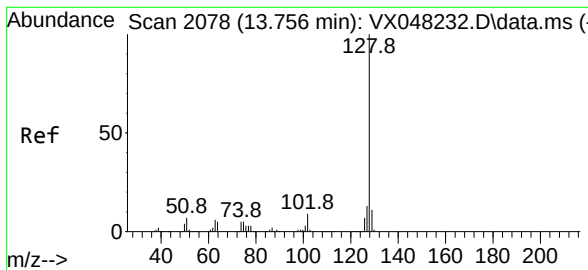
Tgt Ion:105 Resp: 82158
Ion Ratio Lower Upper
105 100
120 48.1 24.0 72.0



#84
1,2,4-Trimethylbenzene
Concen: 34.527 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048362.D
Acq: 27 Oct 2025 11:56

Tgt Ion:105 Resp: 247229
Ion Ratio Lower Upper
105 100
120 43.1 22.1 66.5





#95
Naphthalene
Concen: 203.238 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048362.D
Acq: 27 Oct 2025 11:56

Instrument :
MSVOA_X
ClientSampleId :
SB-17

Tgt Ion:128 Resp: 1401107
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.6 12.8

