

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102325\
 Data File : VX048328.D
 Acq On : 23 Oct 2025 16:07
 Operator : JC/MD
 Sample : Q3414-11 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-11

Quant Time: Oct 24 05:47:58 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)

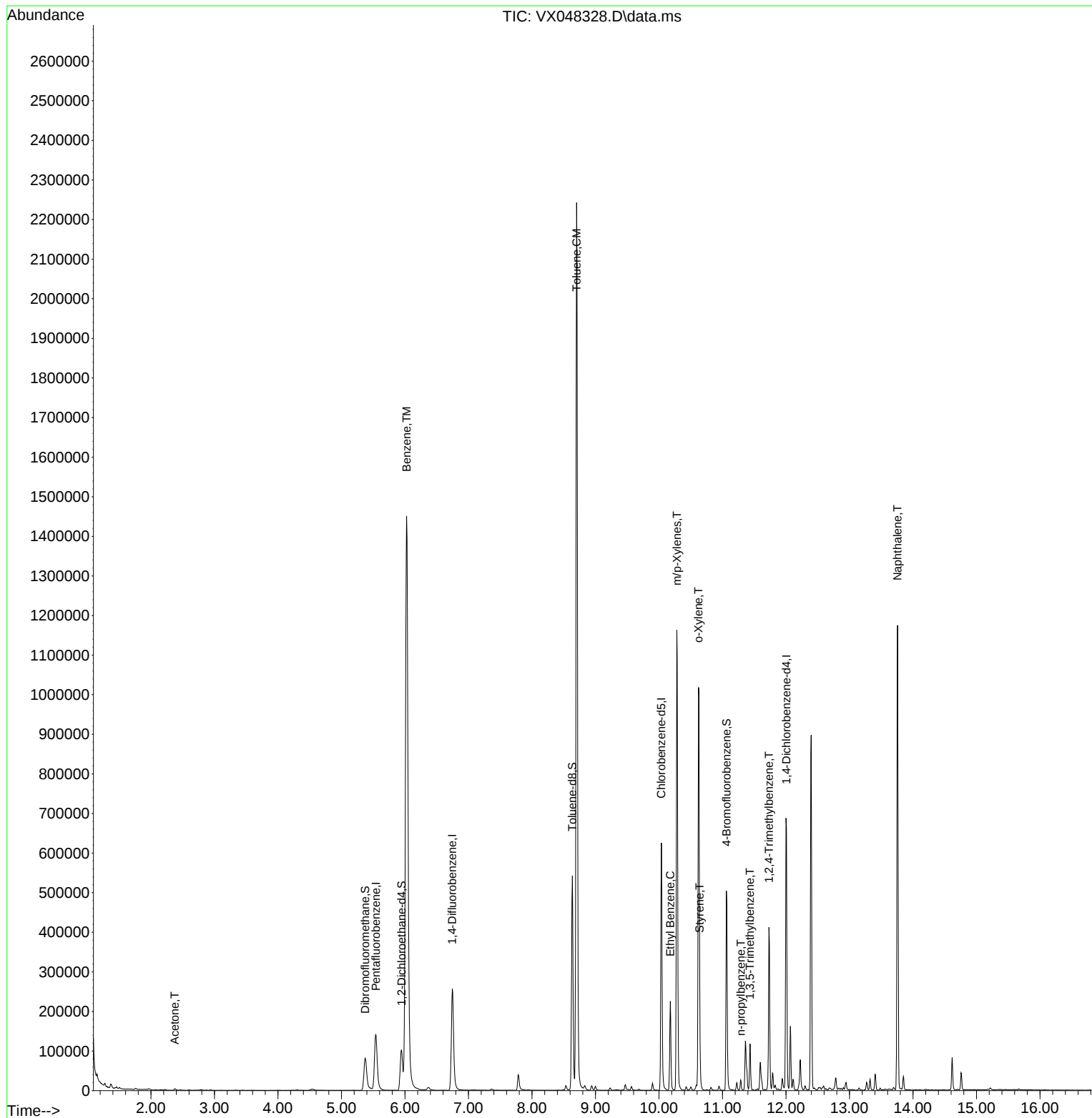
Internal Standards						
1) Pentafluorobenzene	5.544	168	140663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	277541	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	280528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	142250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	115570	58.600	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 117.200%#		
35) Dibromofluoromethane	5.373	113	81118	42.812	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 85.620%		
50) Toluene-d8	8.635	98	329213	49.570	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 99.140%		
62) 4-Bromofluorobenzene	11.061	95	138029	54.631	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 109.260%		
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	5399	7.980	ug/l #	87
40) Benzene	6.025	78	1883034	240.832	ug/l	98
52) Toluene	8.702	92	889663	179.107	ug/l	99
67) Ethyl Benzene	10.177	91	129558	12.058	ug/l	99
68) m/p-Xylenes	10.281	106	270314	67.715	ug/l	99
69) o-Xylene	10.622	106	217974	56.558	ug/l	99
70) Styrene	10.640	104	48270	7.356	ug/l #	28
78) n-propylbenzene	11.287	91	16011	1.331	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	49640	5.773	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	173552	20.225	ug/l	97
95) Naphthalene	13.756	128	661588	80.080	ug/l	100

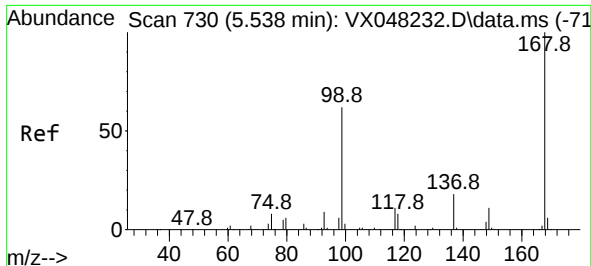
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102325\
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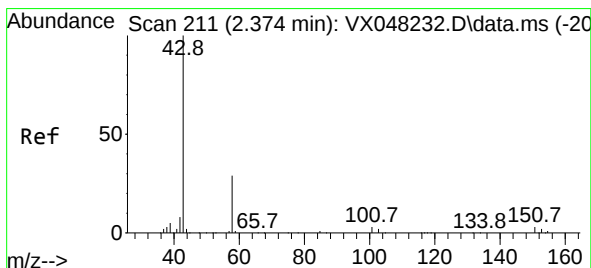
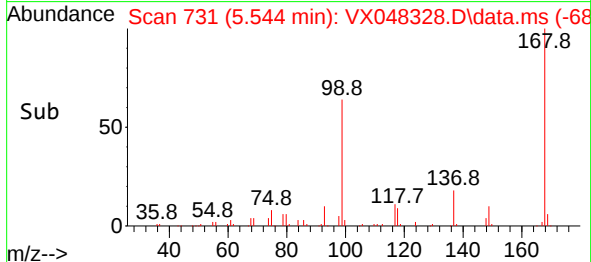
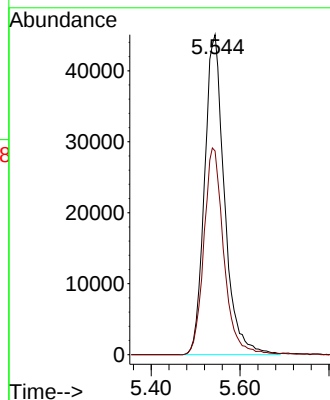
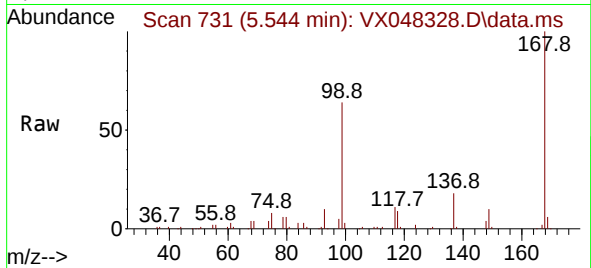




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX048328.D
Acq: 23 Oct 2025 16:07

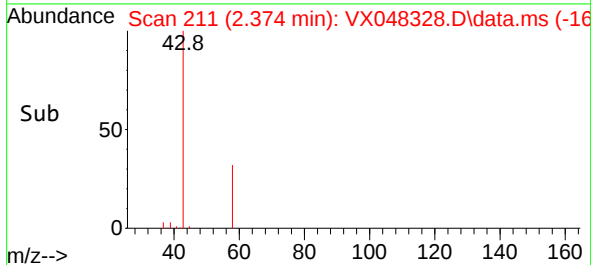
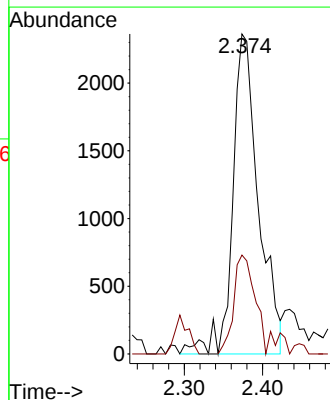
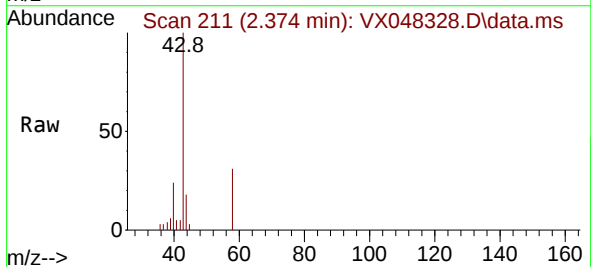
Instrument :
MSVOA_X
ClientSampleId :
SB-11

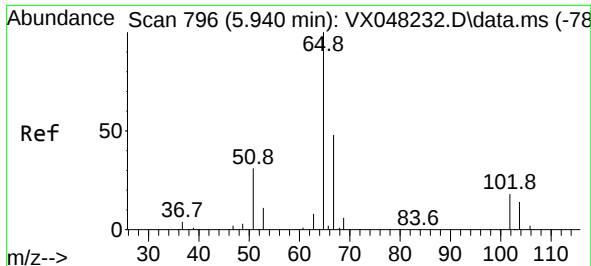
Tgt Ion:168 Resp: 140663
Ion Ratio Lower Upper
168 100
99 63.6 46.4 69.6



#16
Acetone
Concen: 7.980 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048328.D
Acq: 23 Oct 2025 16:07

Tgt Ion: 43 Resp: 5399
Ion Ratio Lower Upper
43 100
58 22.5 23.4 35.2#





#33

1,2-Dichloroethane-d4

Concen: 58.600 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048328.D

Acq: 23 Oct 2025 16:07

Instrument :

MSVOA_X

ClientSampleId :

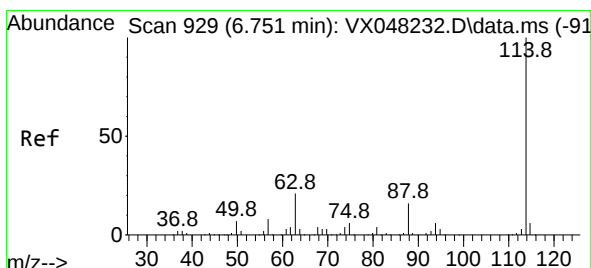
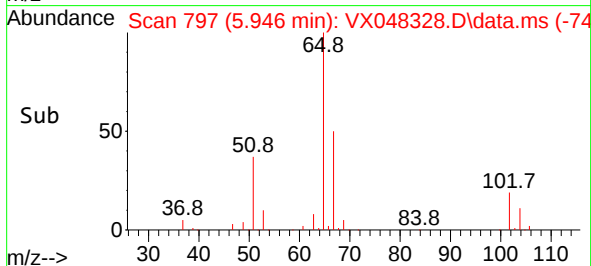
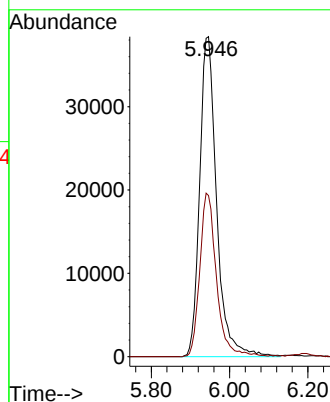
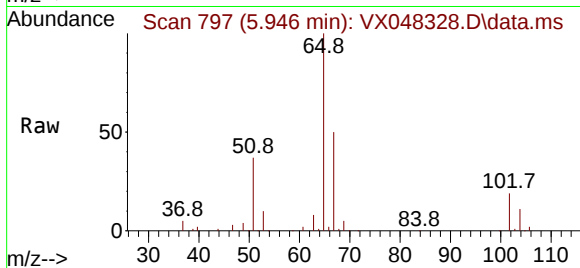
SB-11

Tgt Ion: 65 Resp: 115570

Ion Ratio Lower Upper

65 100

67 50.3 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: VX048328.D

Acq: 23 Oct 2025 16:07

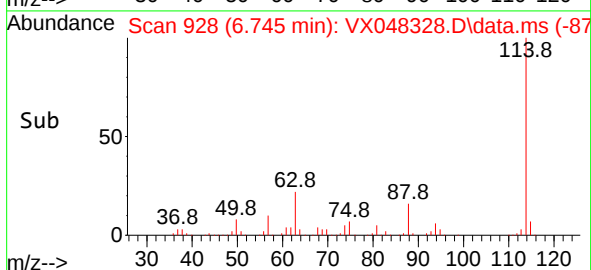
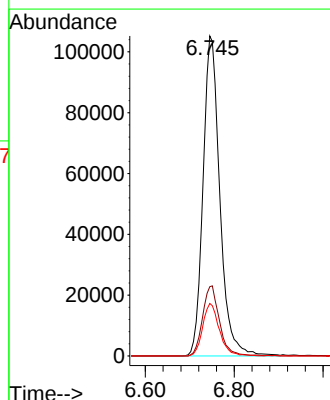
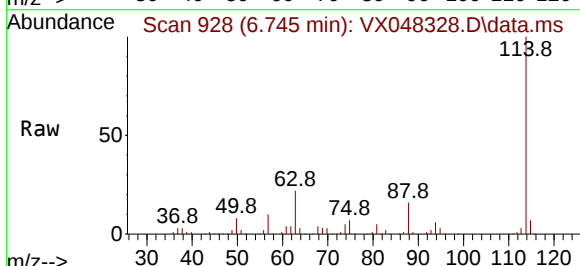
Tgt Ion: 114 Resp: 277541

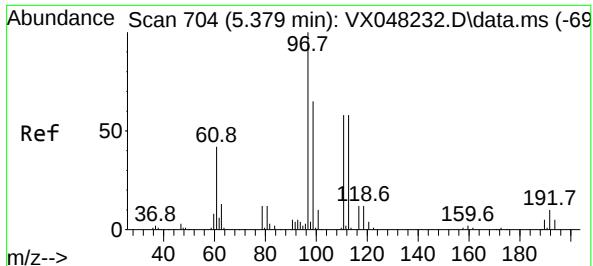
Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.2

88 16.4 0.0 33.6

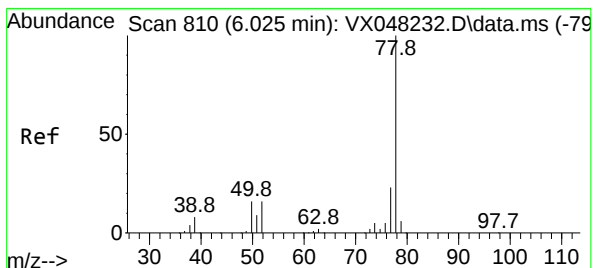
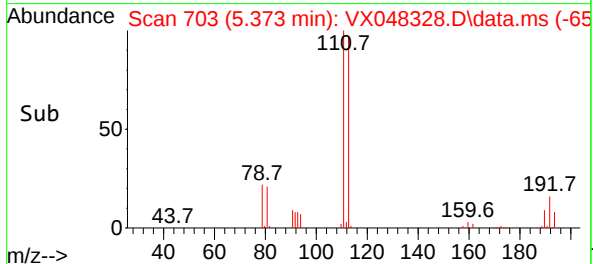
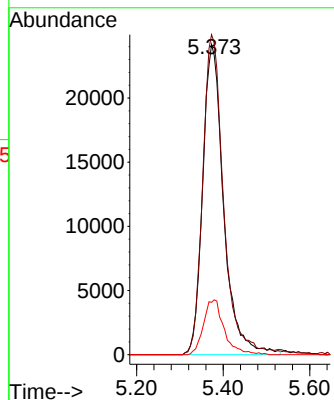
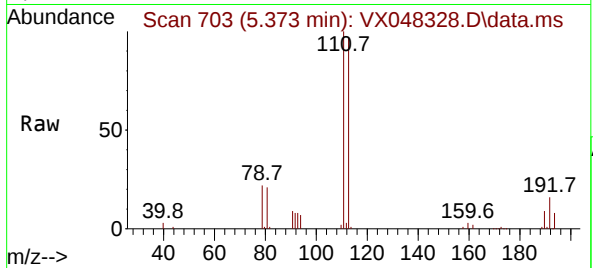




#35
Dibromofluoromethane
Concen: 42.812 ug/l
RT: 5.373 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX048328.D
Acq: 23 Oct 2025 16:07

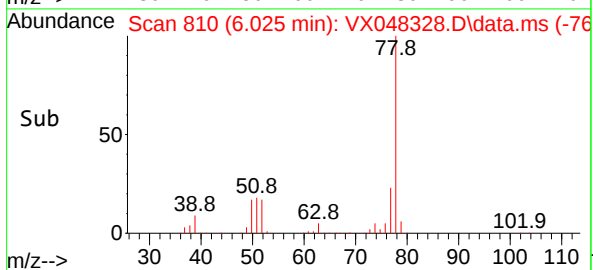
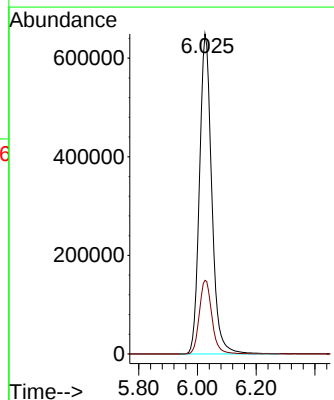
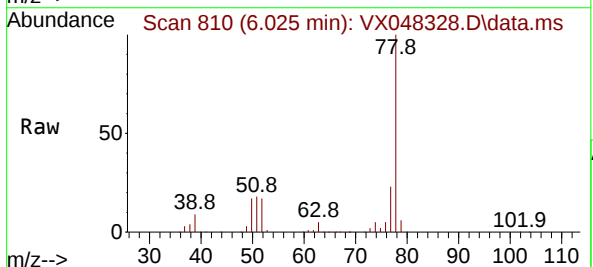
Instrument :
MSVOA_X
ClientSampleId :
SB-11

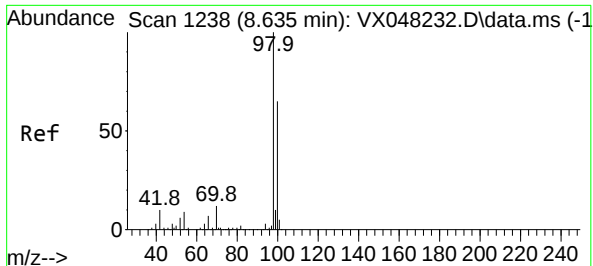
Tgt Ion:113 Resp: 81118
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 17.5 15.1 22.7



#40
Benzene
Concen: 240.832 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX048328.D
Acq: 23 Oct 2025 16:07

Tgt Ion: 78 Resp: 1883034
Ion Ratio Lower Upper
78 100
77 23.0 19.3 28.9

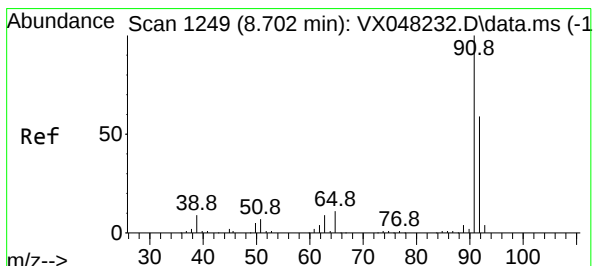
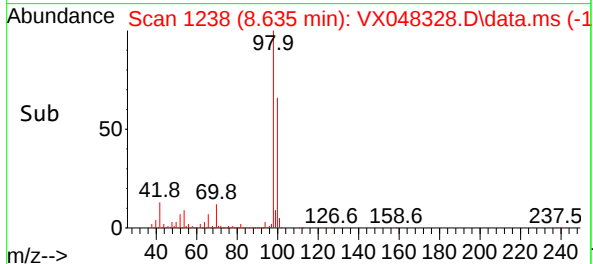
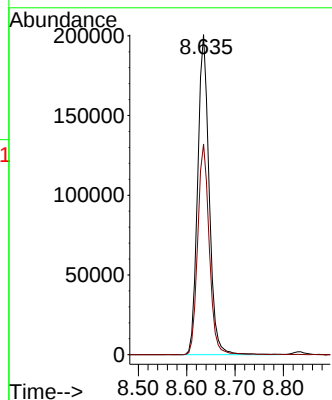
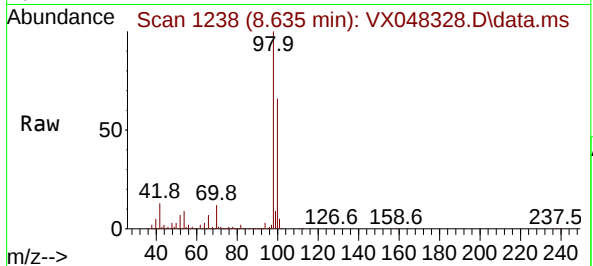




#50
Toluene-d8
Concen: 49.570 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048328.D
Acq: 23 Oct 2025 16:07

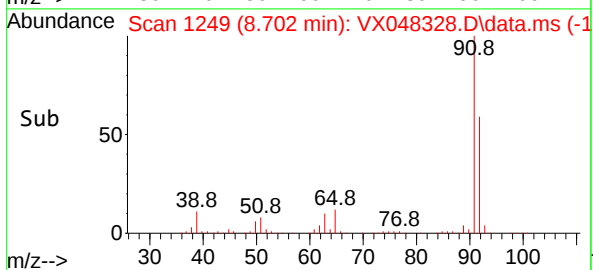
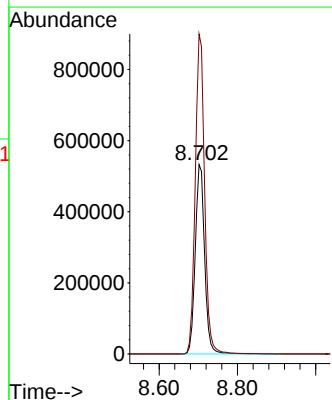
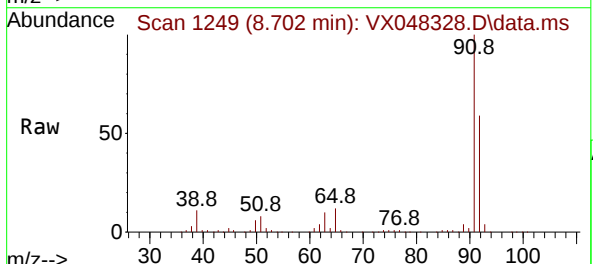
Instrument :
MSVOA_X
ClientSampleId :
SB-11

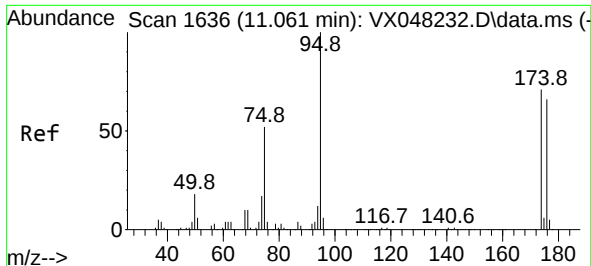
Tgt Ion: 98 Resp: 329213
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4



#52
Toluene
Concen: 179.107 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048328.D
Acq: 23 Oct 2025 16:07

Tgt Ion: 92 Resp: 889663
Ion Ratio Lower Upper
92 100
91 168.5 136.1 204.1





#62

4-Bromofluorobenzene

Concen: 54.631 ug/l

RT: 11.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048328.D

Acq: 23 Oct 2025 16:07

Instrument :

MSVOA_X

ClientSampleId :

SB-11

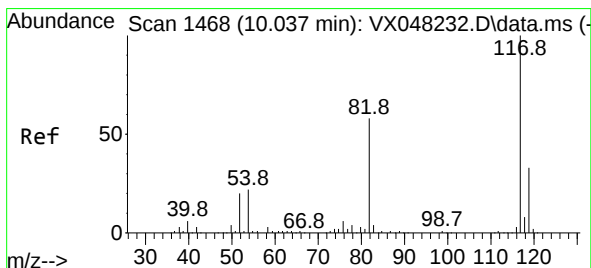
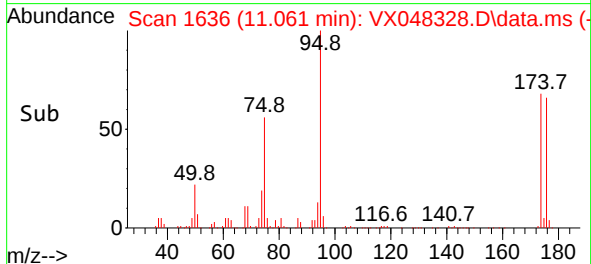
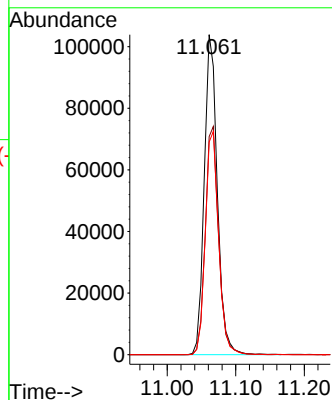
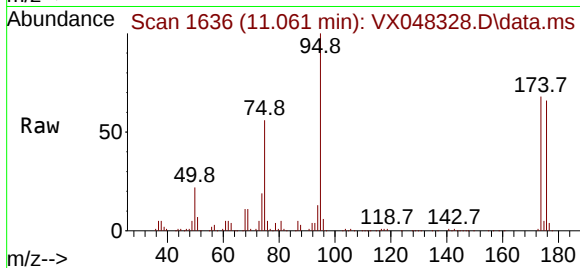
Tgt Ion: 95 Resp: 138029

Ion Ratio Lower Upper

95 100

174 72.6 0.0 147.8

176 71.3 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: VX048328.D

Acq: 23 Oct 2025 16:07

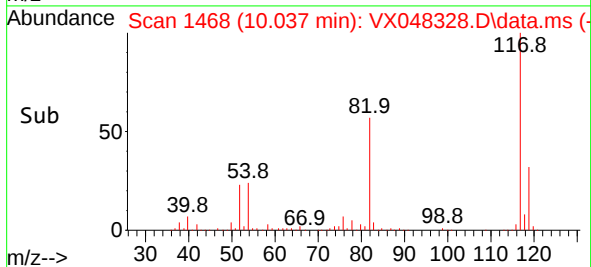
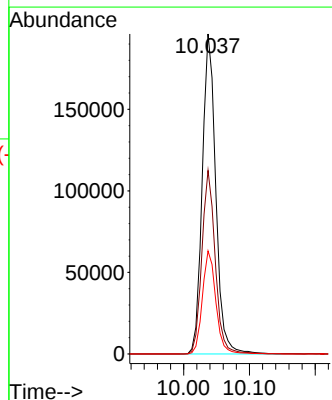
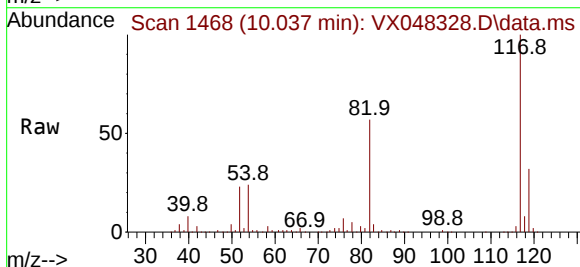
Tgt Ion: 117 Resp: 280528

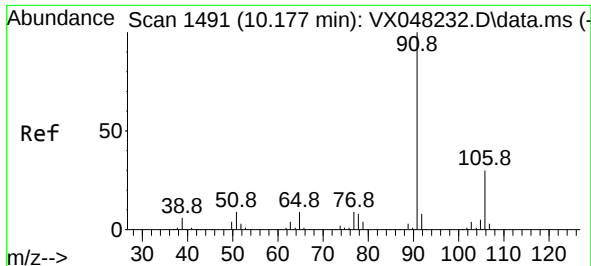
Ion Ratio Lower Upper

117 100

82 57.3 46.5 69.7

119 32.2 25.9 38.9





#67

Ethyl Benzene

Concen: 12.058 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VX048328.D

Acq: 23 Oct 2025 16:07

Instrument :

MSVOA_X

ClientSampleId :

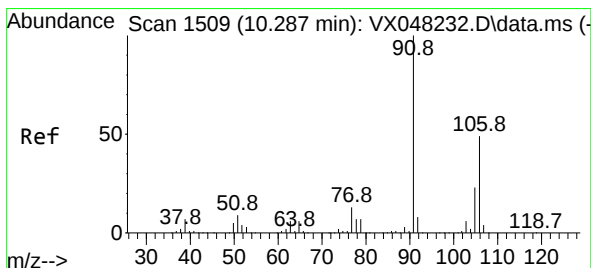
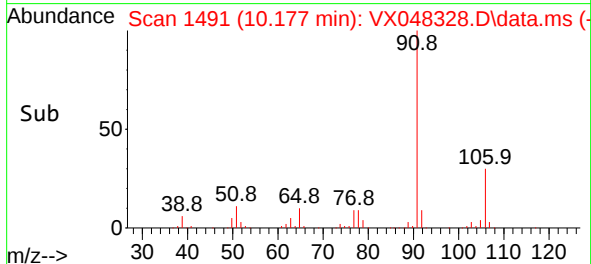
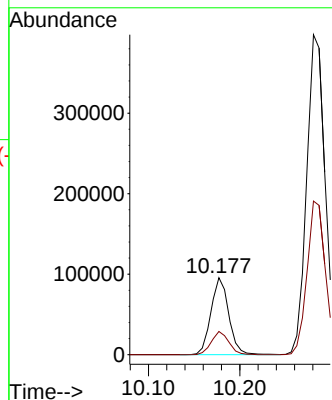
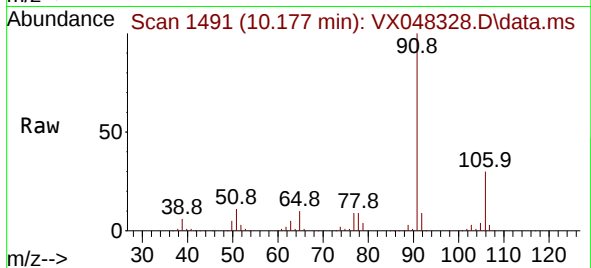
SB-11

Tgt Ion: 91 Resp: 129558

Ion Ratio Lower Upper

91 100

106 30.2 23.8 35.6



#68

m/p-Xylenes

Concen: 67.715 ug/l

RT: 10.281 min Scan# 1508

Delta R.T. -0.006 min

Lab File: VX048328.D

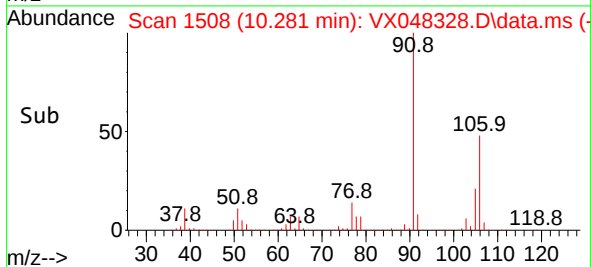
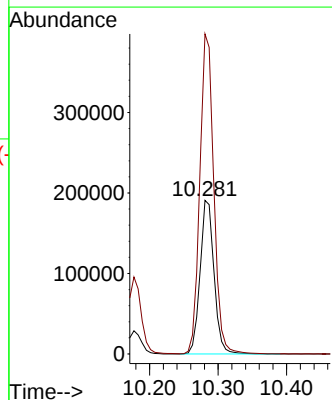
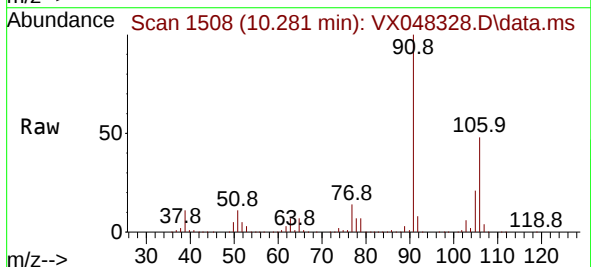
Acq: 23 Oct 2025 16:07

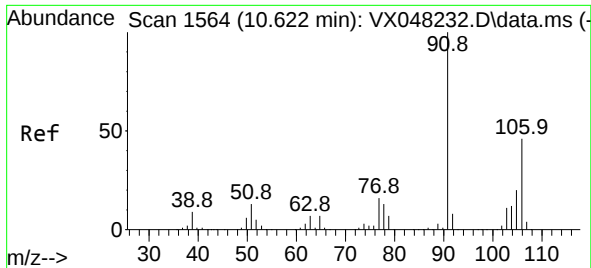
Tgt Ion:106 Resp: 270314

Ion Ratio Lower Upper

106 100

91 208.9 167.9 251.9

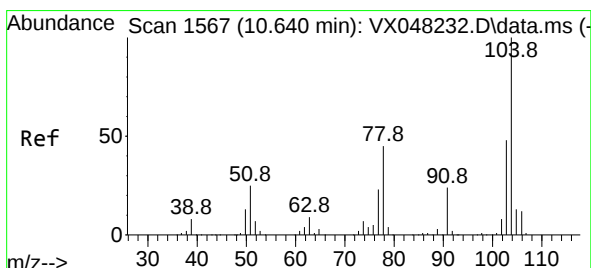
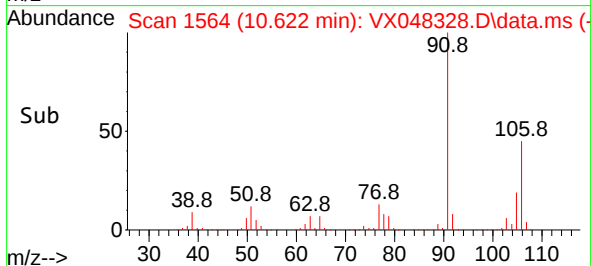
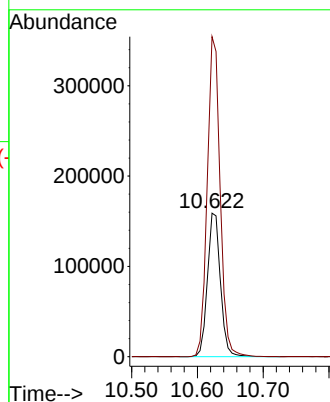
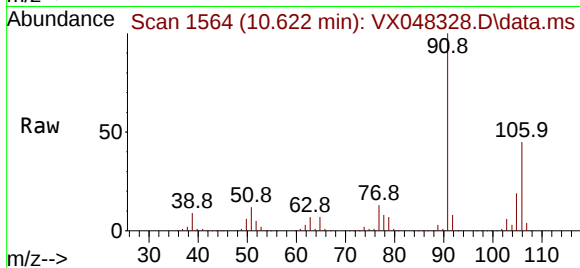




#69
o-Xylene
Concen: 56.558 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VX048328.D
Acq: 23 Oct 2025 16:07

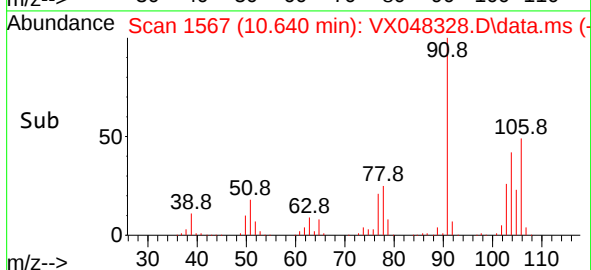
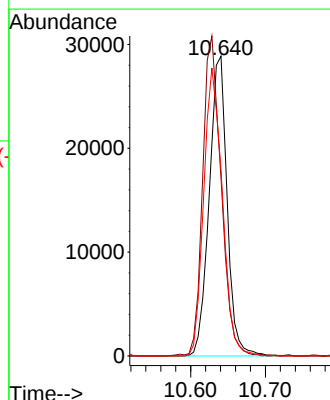
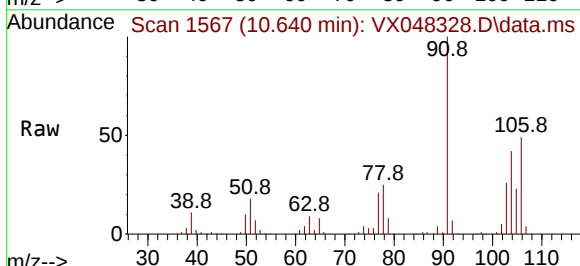
Instrument :
MSVOA_X
ClientSampleId :
SB-11

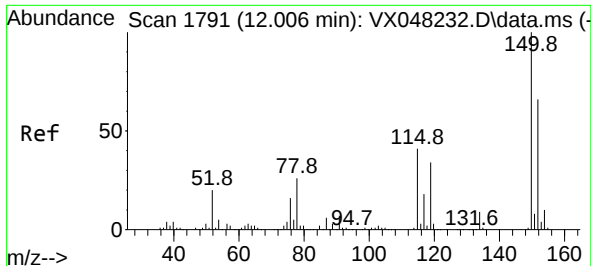
Tgt Ion:106 Resp: 217974
Ion Ratio Lower Upper
106 100
91 221.1 111.3 333.9



#70
Styrene
Concen: 7.356 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048328.D
Acq: 23 Oct 2025 16:07

Tgt Ion:104 Resp: 48270
Ion Ratio Lower Upper
104 100
78 109.4 42.2 63.4#
103 99.5 43.0 64.4#

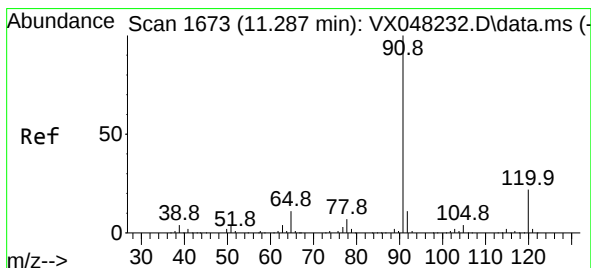
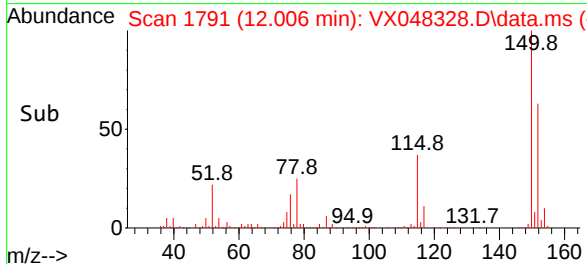
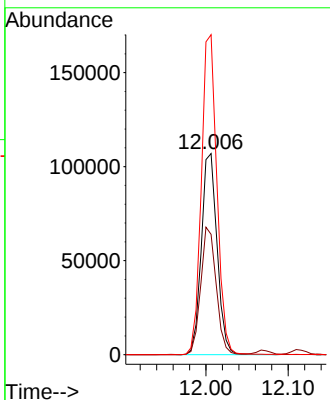
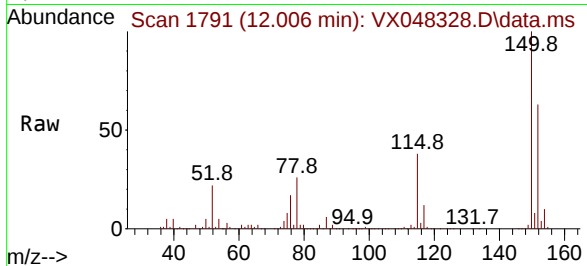




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX048328.D
 Acq: 23 Oct 2025 16:07

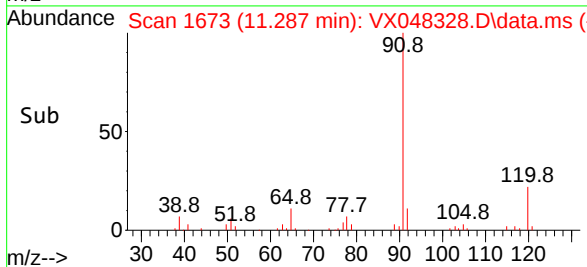
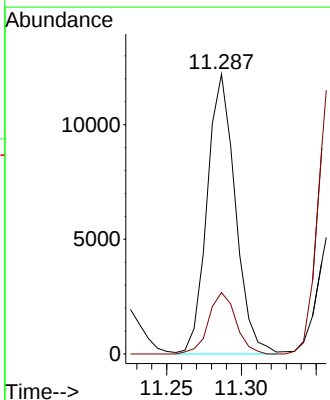
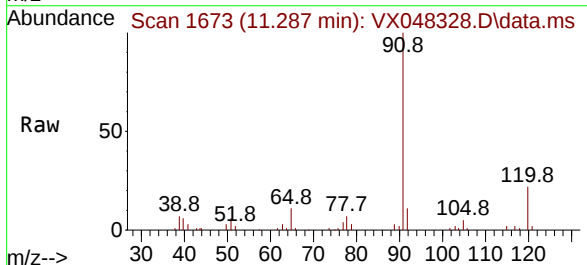
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-11

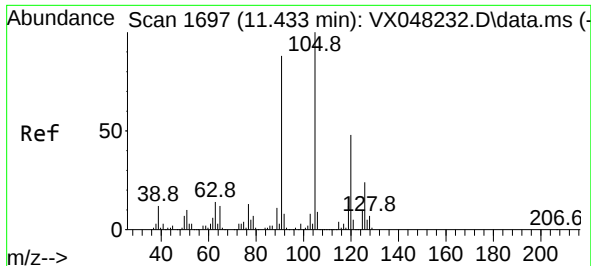
Tgt Ion:152 Resp: 142250
 Ion Ratio Lower Upper
 152 100
 115 62.3 43.1 129.4
 150 157.1 0.0 353.0



#78
 n-propylbenzene
 Concen: 1.331 ug/l
 RT: 11.287 min Scan# 1673
 Delta R.T. 0.000 min
 Lab File: VX048328.D
 Acq: 23 Oct 2025 16:07

Tgt Ion: 91 Resp: 16011
 Ion Ratio Lower Upper
 91 100
 120 21.2 11.1 33.1

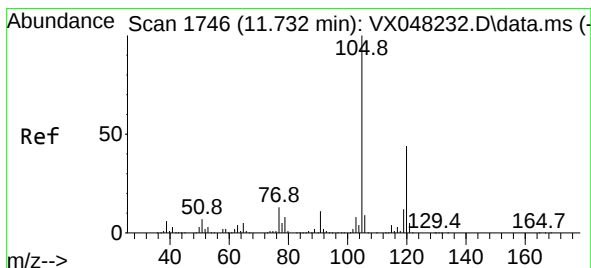
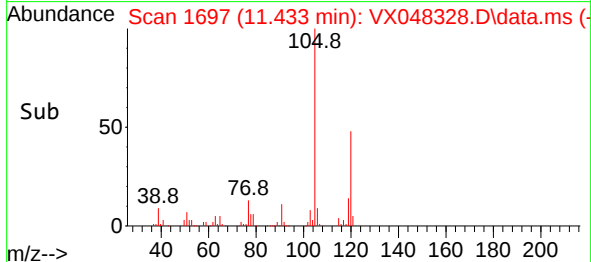
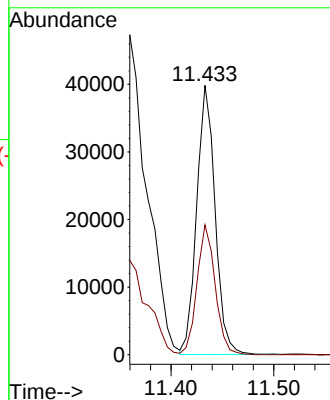
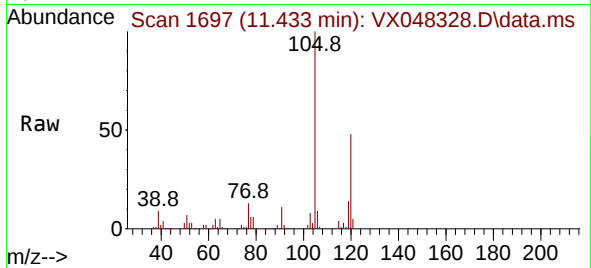




#80
1,3,5-Trimethylbenzene
Concen: 5.773 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048328.D
Acq: 23 Oct 2025 16:07

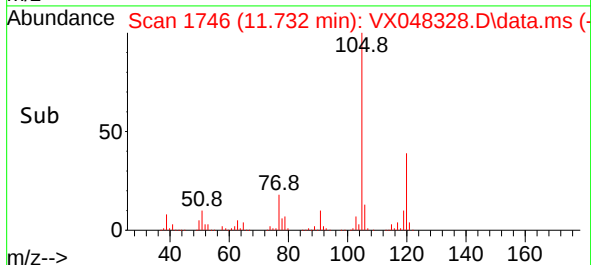
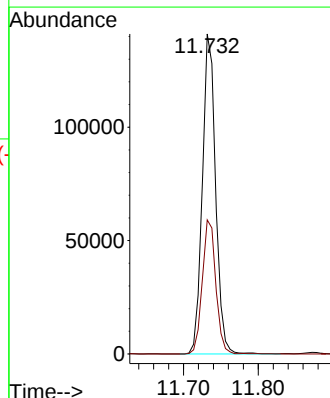
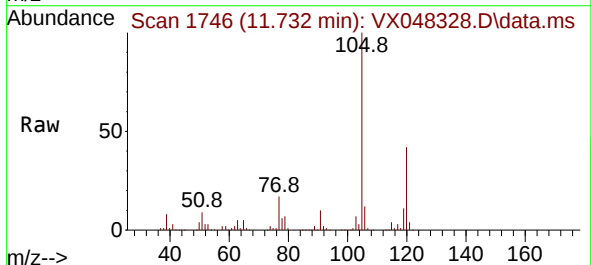
Instrument :
MSVOA_X
ClientSampleId :
SB-11

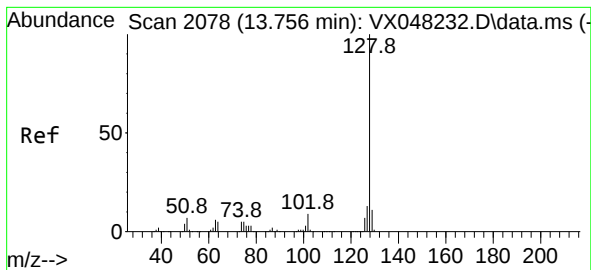
Tgt Ion:105 Resp: 49640
Ion Ratio Lower Upper
105 100
120 47.7 24.0 72.0



#84
1,2,4-Trimethylbenzene
Concen: 20.225 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048328.D
Acq: 23 Oct 2025 16:07

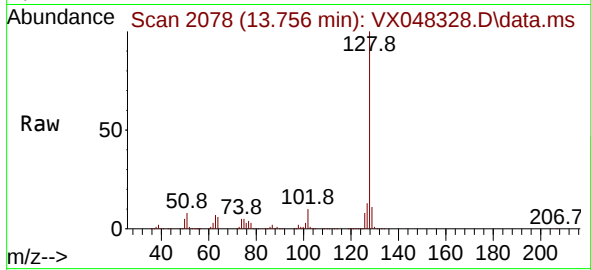
Tgt Ion:105 Resp: 173552
Ion Ratio Lower Upper
105 100
120 42.7 22.1 66.5





#95
Naphthalene
Concen: 80.080 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VX048328.D
Acq: 23 Oct 2025 16:07

Instrument :
MSVOA_X
ClientSampleId :
SB-11



Tgt Ion:128 Resp: 661588
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.6 12.8

