

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
 Data File : VX048628.D
 Acq On : 20 Nov 2025 11:45
 Operator : JC/MD
 Sample : Q3659-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TANK-1-COMP-1

Quant Time: Nov 20 12:02:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

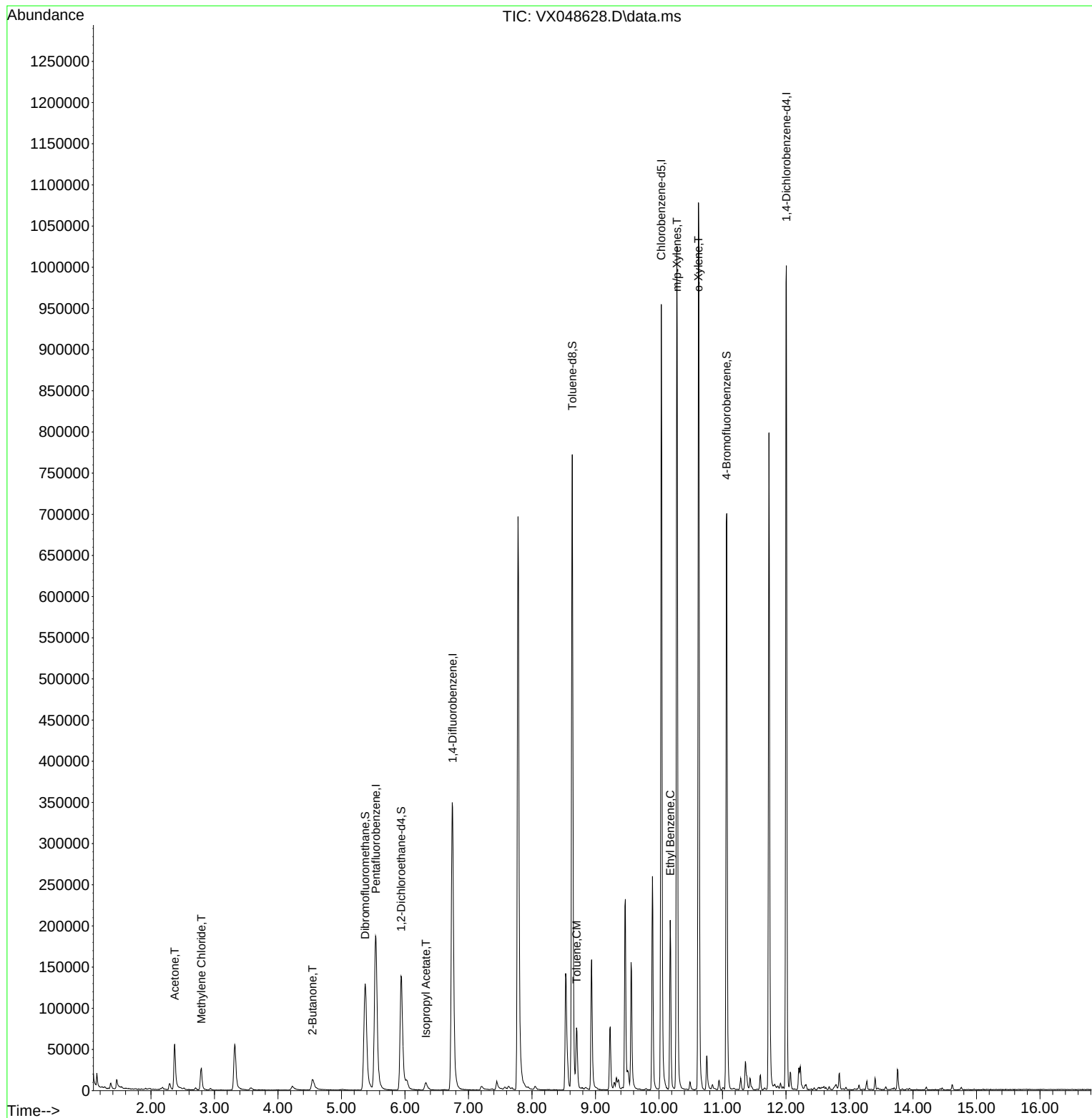
Internal Standards						
1) Pentafluorobenzene	5.544	168	195711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	393250	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	428037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	220456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	154803	56.765	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	113.540%	
35) Dibromofluoromethane	5.373	113	129664	43.565	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	87.120%	
50) Toluene-d8	8.635	98	476624	51.345	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	102.680%	
62) 4-Bromofluorobenzene	11.061	95	200228	57.880	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	115.760%	
Target Compounds						Qvalue
16) Acetone	2.374	43	79416	61.521	ug/l	99
20) Methylene Chloride	2.794	84	13519	5.094	ug/l	95
25) 2-Butanone	4.544	43	26464	13.858	ug/l	92
43) Isopropyl Acetate	6.330	43	14493	1.838	ug/l	94
52) Toluene	8.702	92	28937	4.449	ug/l	99
67) Ethyl Benzene	10.177	91	115540	6.772	ug/l	99
68) m/p-Xylenes	10.281	106	240667	37.456	ug/l	97
69) o-Xylene	10.622	106	242150	38.519	ug/l	98

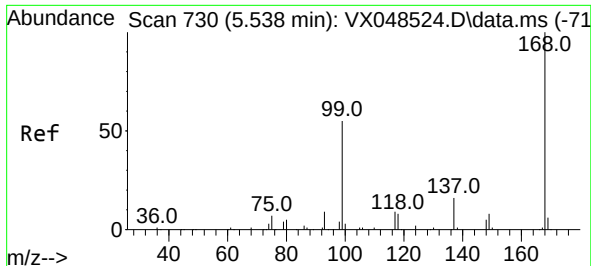
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
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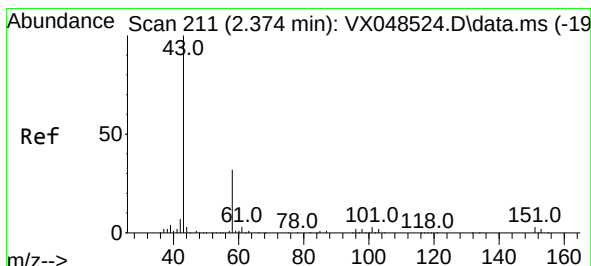
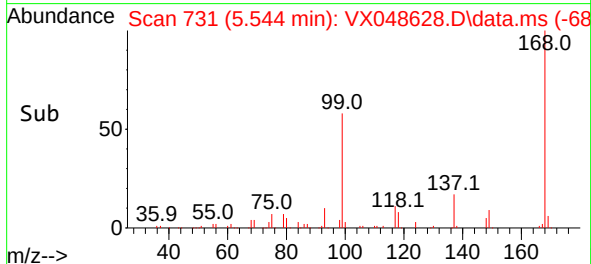
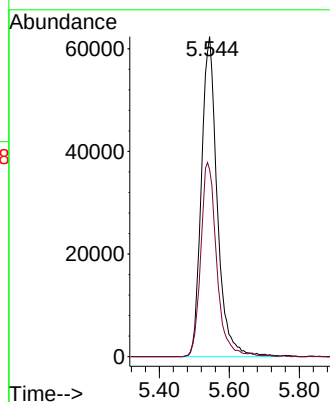
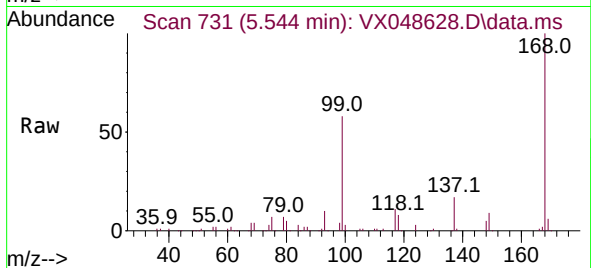




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX048628.D
Acq: 20 Nov 2025 11:45

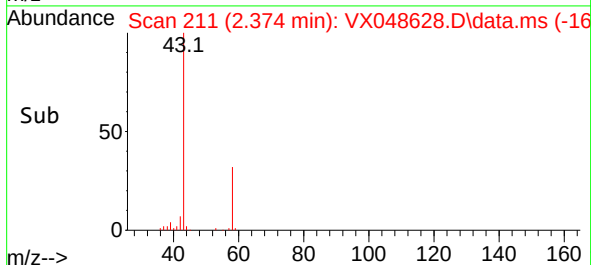
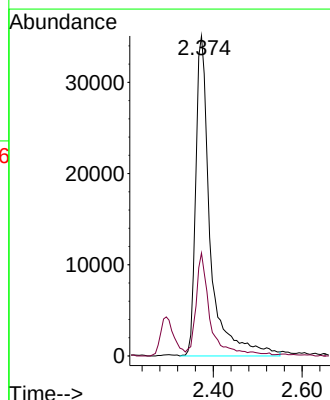
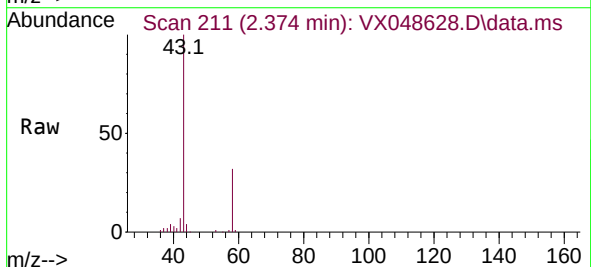
Instrument :
MSVOA_X
ClientSampleId :
TANK-1-COMP-1

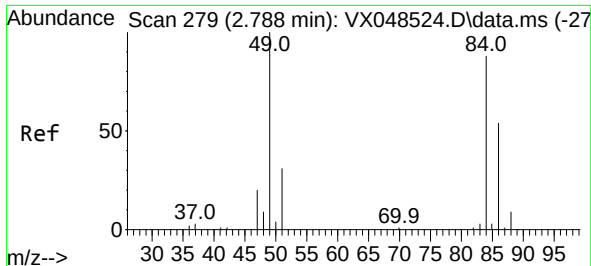
Tgt Ion:168 Resp: 195711
Ion Ratio Lower Upper
168 100
99 58.4 45.2 67.8



#16
Acetone
Concen: 61.521 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048628.D
Acq: 20 Nov 2025 11:45

Tgt Ion: 43 Resp: 79416
Ion Ratio Lower Upper
43 100
58 31.6 25.8 38.6

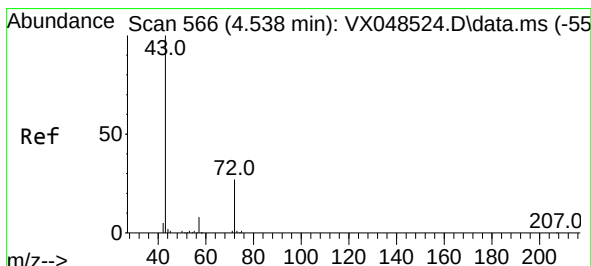
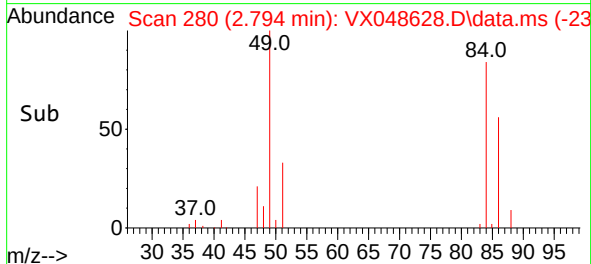
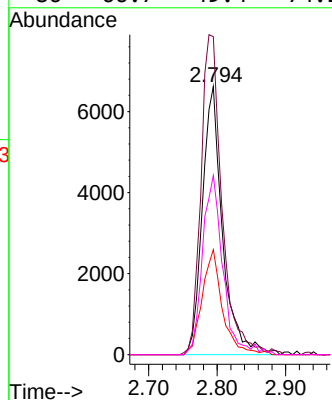
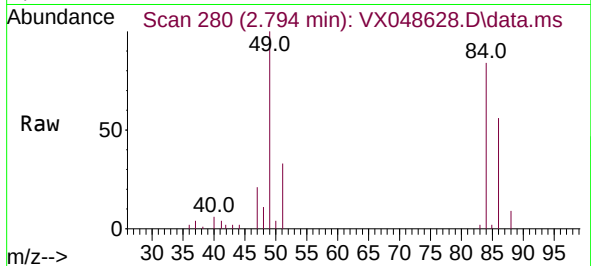




#20
Methylene Chloride
Concen: 5.094 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048628.D
Acq: 20 Nov 2025 11:45

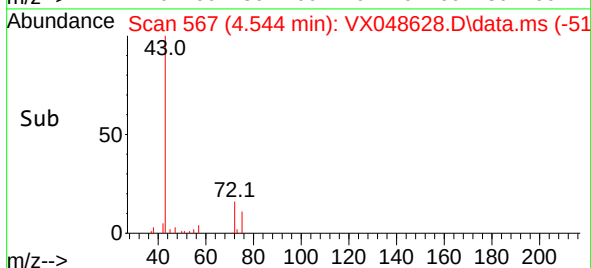
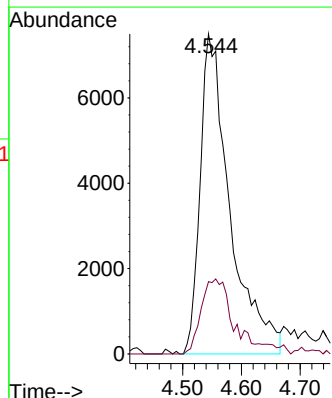
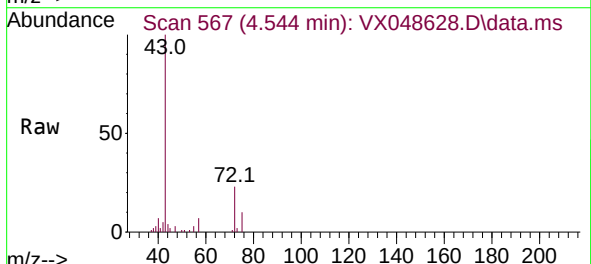
Instrument :
MSVOA_X
ClientSampleId :
TANK-1-COMP-1

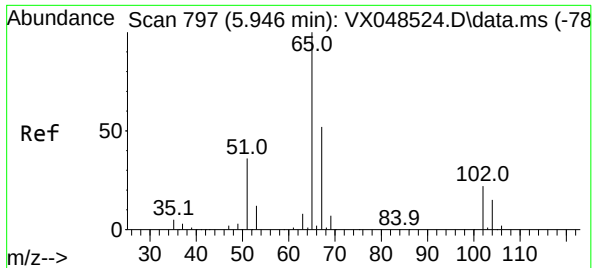
Tgt Ion:	84	Resp:	13519
Ion	Ratio	Lower	Upper
84	100		
49	118.6	91.2	136.8
51	39.1	28.3	42.5
86	66.7	49.4	74.2



#25
2-Butanone
Concen: 13.858 ug/l
RT: 4.544 min Scan# 567
Delta R.T. 0.006 min
Lab File: VX048628.D
Acq: 20 Nov 2025 11:45

Tgt Ion:	43	Resp:	26464
Ion	Ratio	Lower	Upper
43	100		
72	22.6	21.5	32.3





#33

1,2-Dichloroethane-d4

Concen: 56.765 ug/l

RT: 5.940 min Scan# 797

Delta R.T. -0.006 min

Lab File: VX048628.D

Acq: 20 Nov 2025 11:45

Instrument :

MSVOA_X

ClientSampleId :

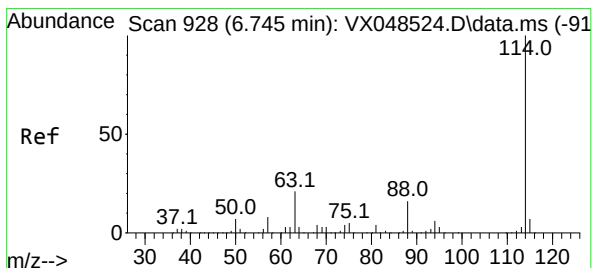
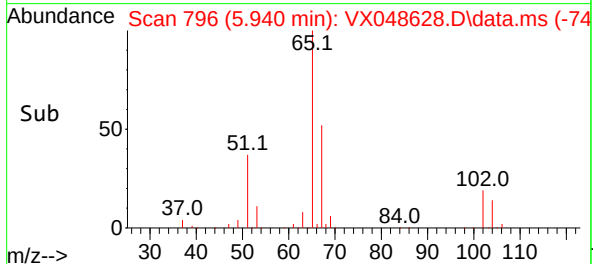
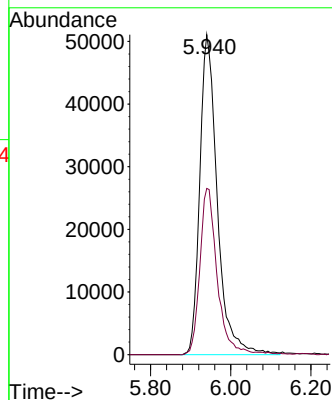
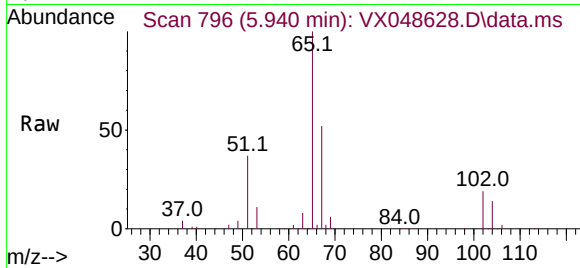
TANK-1-COMP-1

Tgt Ion: 65 Resp: 154803

Ion Ratio Lower Upper

65 100

67 51.0 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048628.D

Acq: 20 Nov 2025 11:45

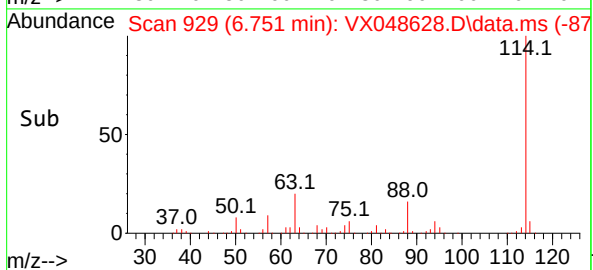
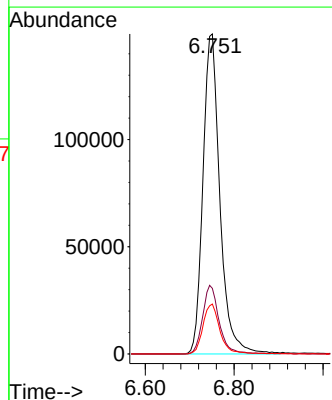
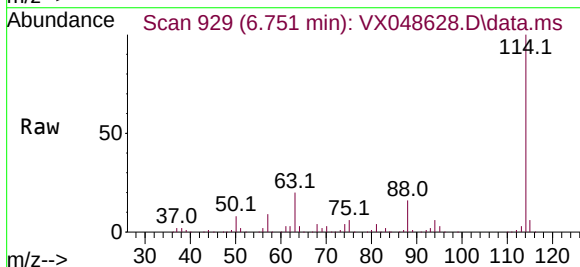
Tgt Ion: 114 Resp: 393250

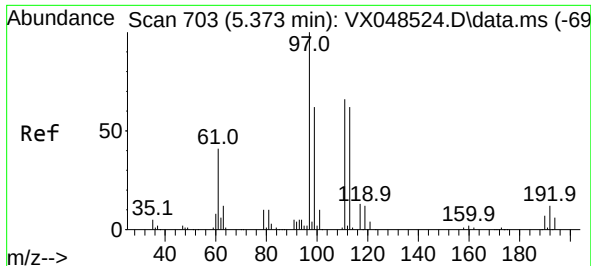
Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.2

88 15.6 0.0 32.2





#35

Dibromofluoromethane

Concen: 43.565 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048628.D

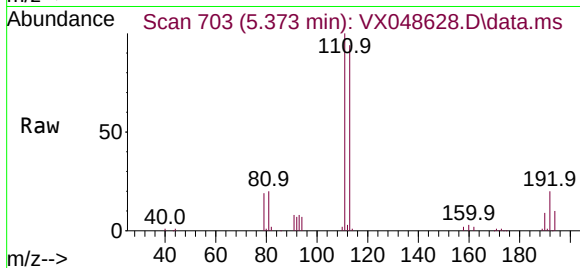
Acq: 20 Nov 2025 11:45

Instrument :

MSVOA_X

ClientSampleId :

TANK-1-COMP-1



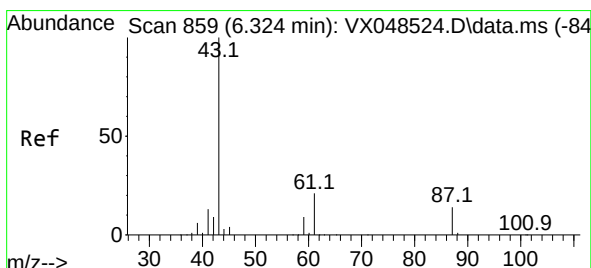
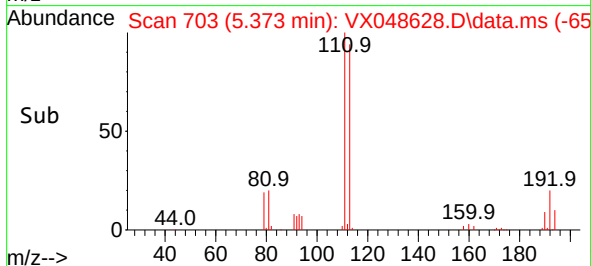
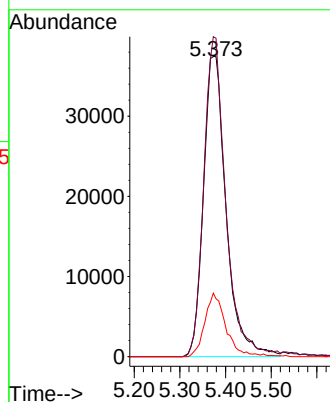
Tgt Ion:113 Resp: 129664

Ion Ratio Lower Upper

113 100

111 102.8 81.9 122.9

192 19.3 15.8 23.6



#43

Isopropyl Acetate

Concen: 1.838 ug/l

RT: 6.330 min Scan# 860

Delta R.T. 0.006 min

Lab File: VX048628.D

Acq: 20 Nov 2025 11:45

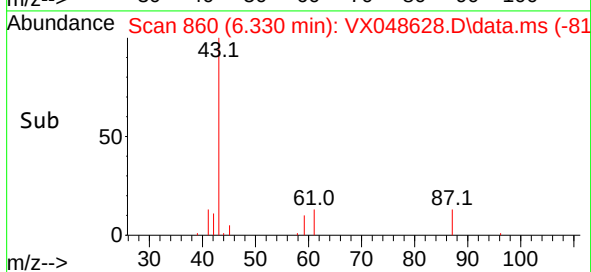
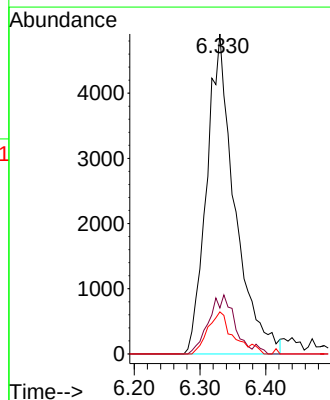
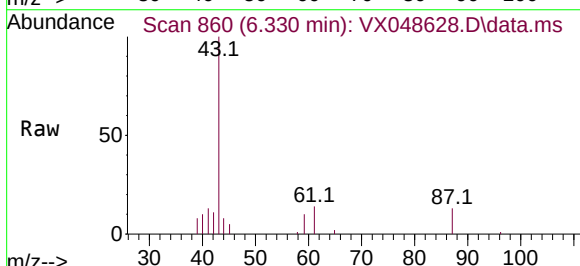
Tgt Ion: 43 Resp: 14493

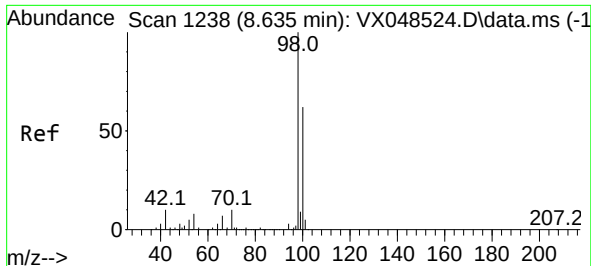
Ion Ratio Lower Upper

43 100

61 16.8 16.2 24.4

87 12.0 10.9 16.3

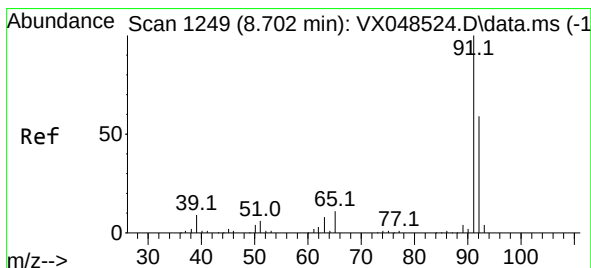
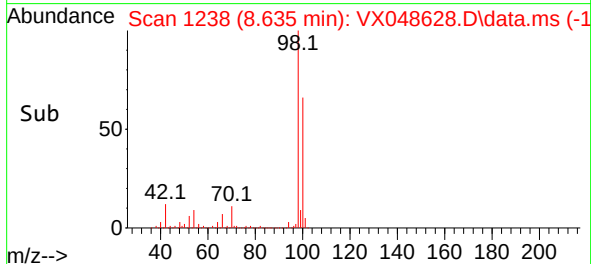
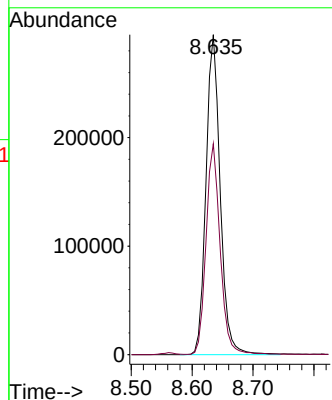
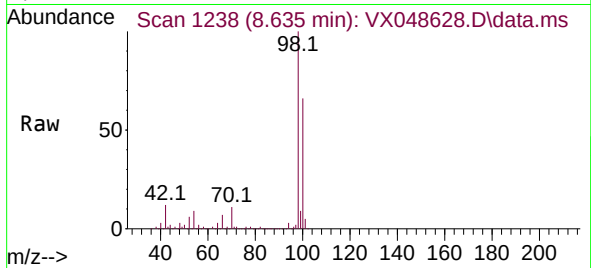




#50
Toluene-d8
Concen: 51.345 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048628.D
Acq: 20 Nov 2025 11:45

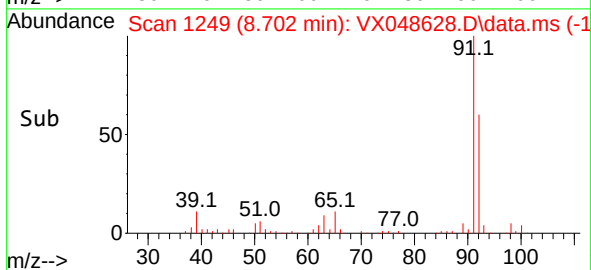
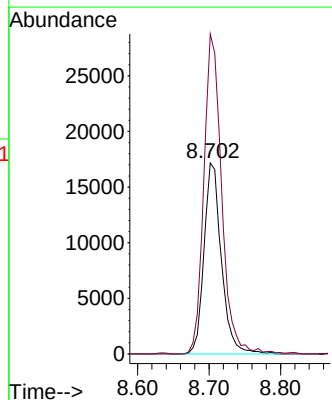
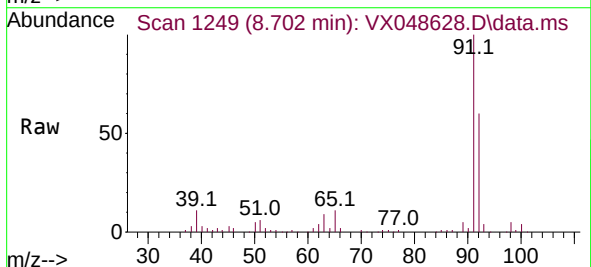
Instrument :
MSVOA_X
ClientSampleId :
TANK-1-COMP-1

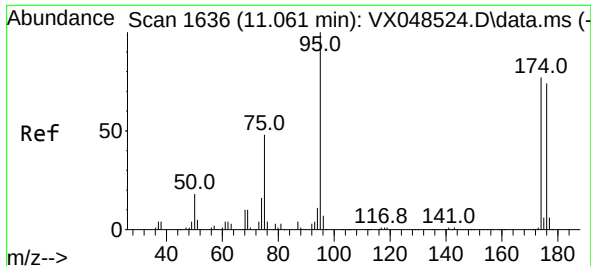
Tgt Ion: 98 Resp: 476624
Ion Ratio Lower Upper
98 100
100 65.3 53.6 80.4



#52
Toluene
Concen: 4.449 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048628.D
Acq: 20 Nov 2025 11:45

Tgt Ion: 92 Resp: 28937
Ion Ratio Lower Upper
92 100
91 172.5 137.0 205.6





#62

4-Bromofluorobenzene

Concen: 57.880 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.000 min

Lab File: VX048628.D

Acq: 20 Nov 2025 11:45

Instrument :

MSVOA_X

ClientSampleId :

TANK-1-COMP-1

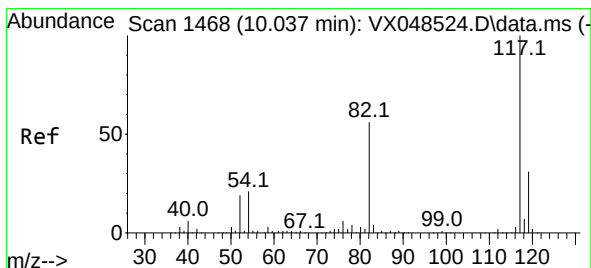
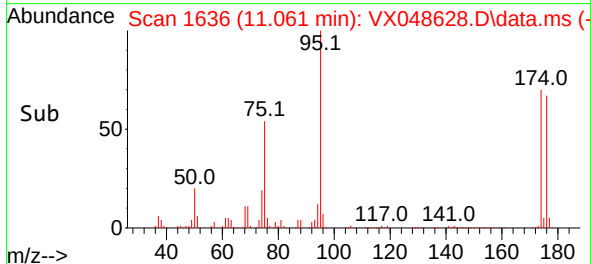
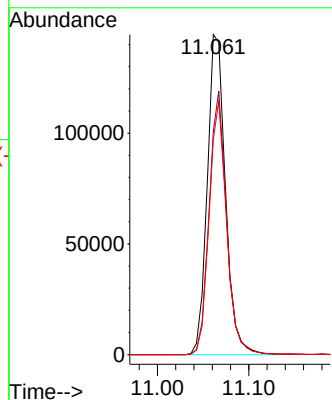
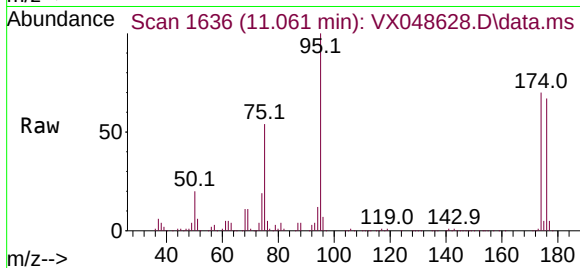
Tgt Ion: 95 Resp: 200228

Ion Ratio Lower Upper

95 100

174 79.2 0.0 161.8

176 76.0 0.0 153.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048628.D

Acq: 20 Nov 2025 11:45

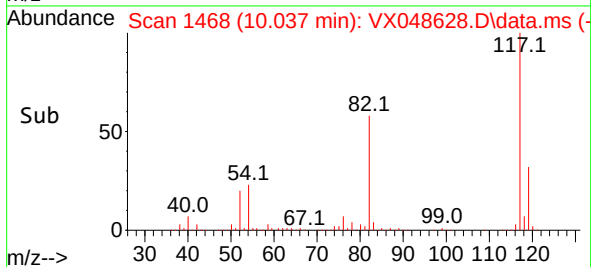
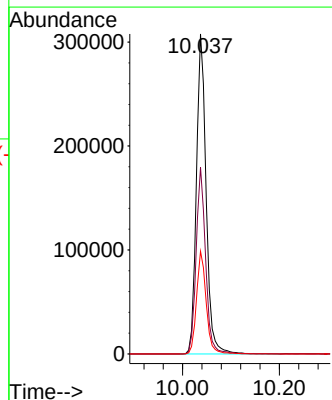
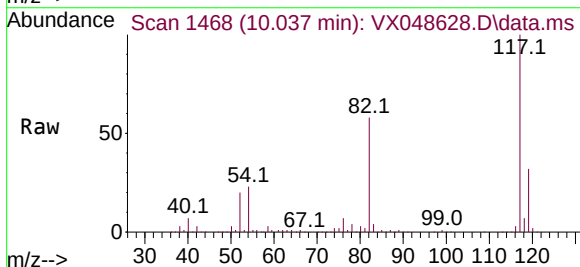
Tgt Ion: 117 Resp: 428037

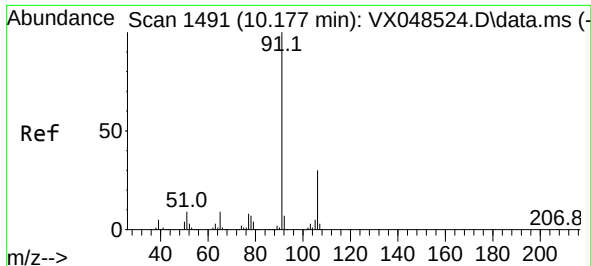
Ion Ratio Lower Upper

117 100

82 58.3 44.4 66.6

119 32.1 25.1 37.7





#67

Ethyl Benzene

Concen: 6.772 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX048628.D

Acq: 20 Nov 2025 11:45

Instrument :

MSVOA_X

ClientSampleId :

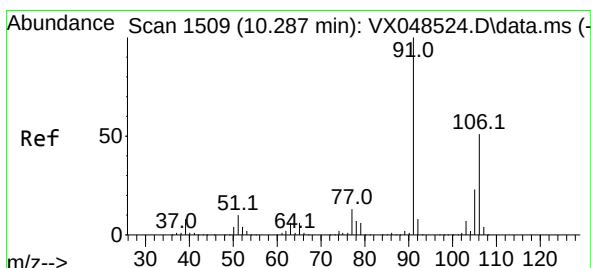
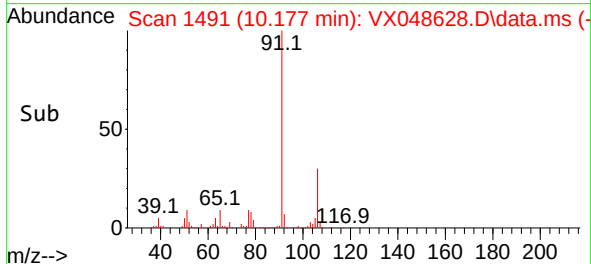
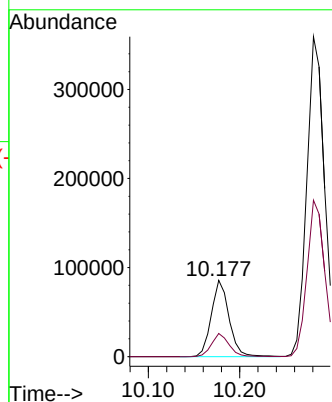
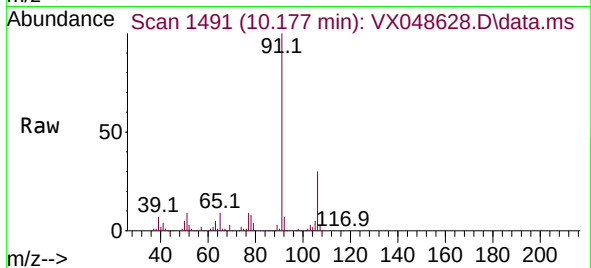
TANK-1-COMP-1

Tgt Ion: 91 Resp: 115540

Ion Ratio Lower Upper

91 100

106 30.4 24.1 36.1



#68

m/p-Xylenes

Concen: 37.456 ug/l

RT: 10.281 min Scan# 1508

Delta R.T. -0.006 min

Lab File: VX048628.D

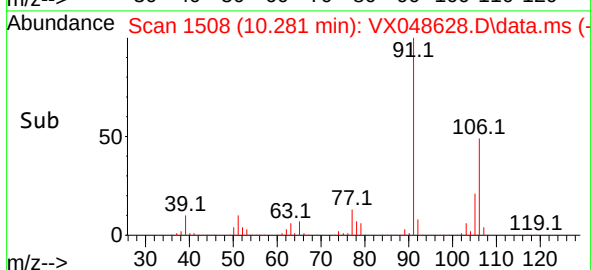
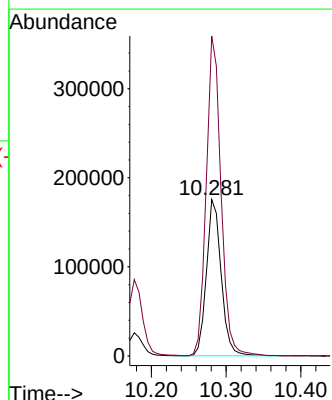
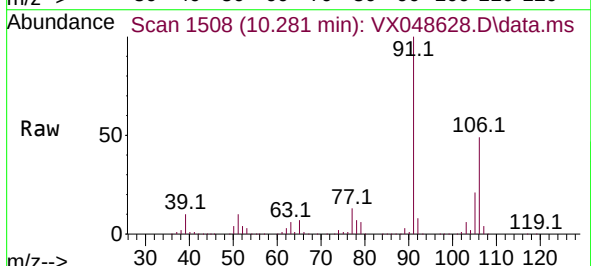
Acq: 20 Nov 2025 11:45

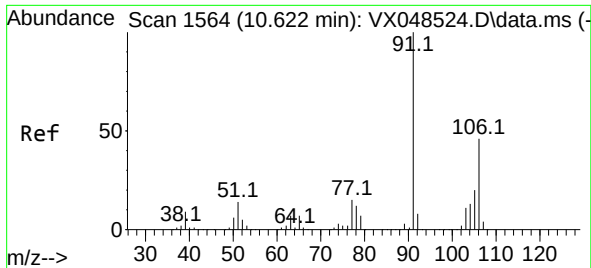
Tgt Ion: 106 Resp: 240667

Ion Ratio Lower Upper

106 100

91 204.5 159.6 239.4

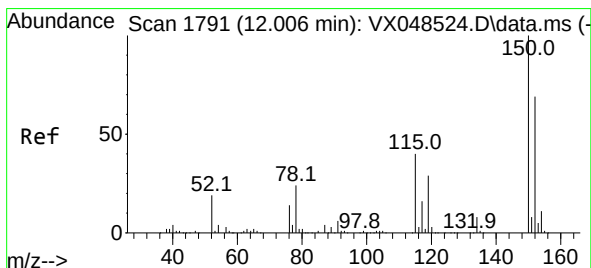
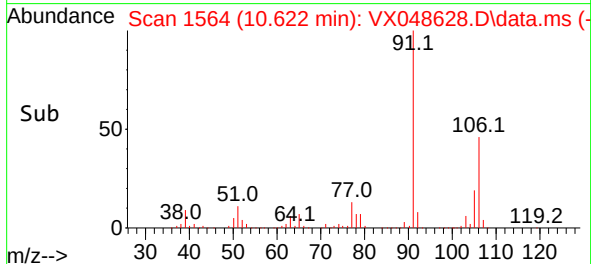
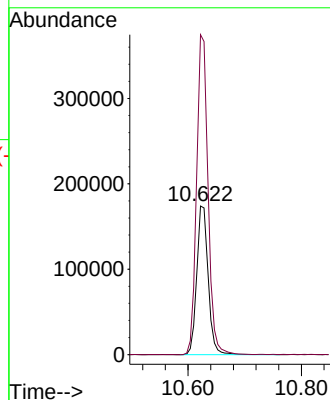
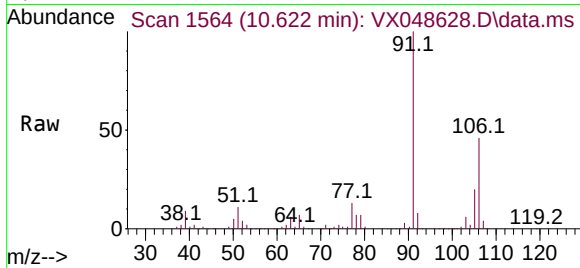




#69
o-Xylene
Concen: 38.519 ug/l
RT: 10.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048628.D
Acq: 20 Nov 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
TANK-1-COMP-1

Tgt Ion:106 Resp: 242150
Ion Ratio Lower Upper
106 100
91 216.3 106.4 319.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048628.D
Acq: 20 Nov 2025 11:45

Tgt Ion:152 Resp: 220456
Ion Ratio Lower Upper
152 100
115 59.6 39.2 117.6
150 157.7 0.0 347.0

