

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
 Data File : VX047912.D
 Acq On : 30 Sep 2025 15:40
 Operator : JC/MD
 Sample : Q3193-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT20551-20250923

Quant Time: Oct 01 01:12:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

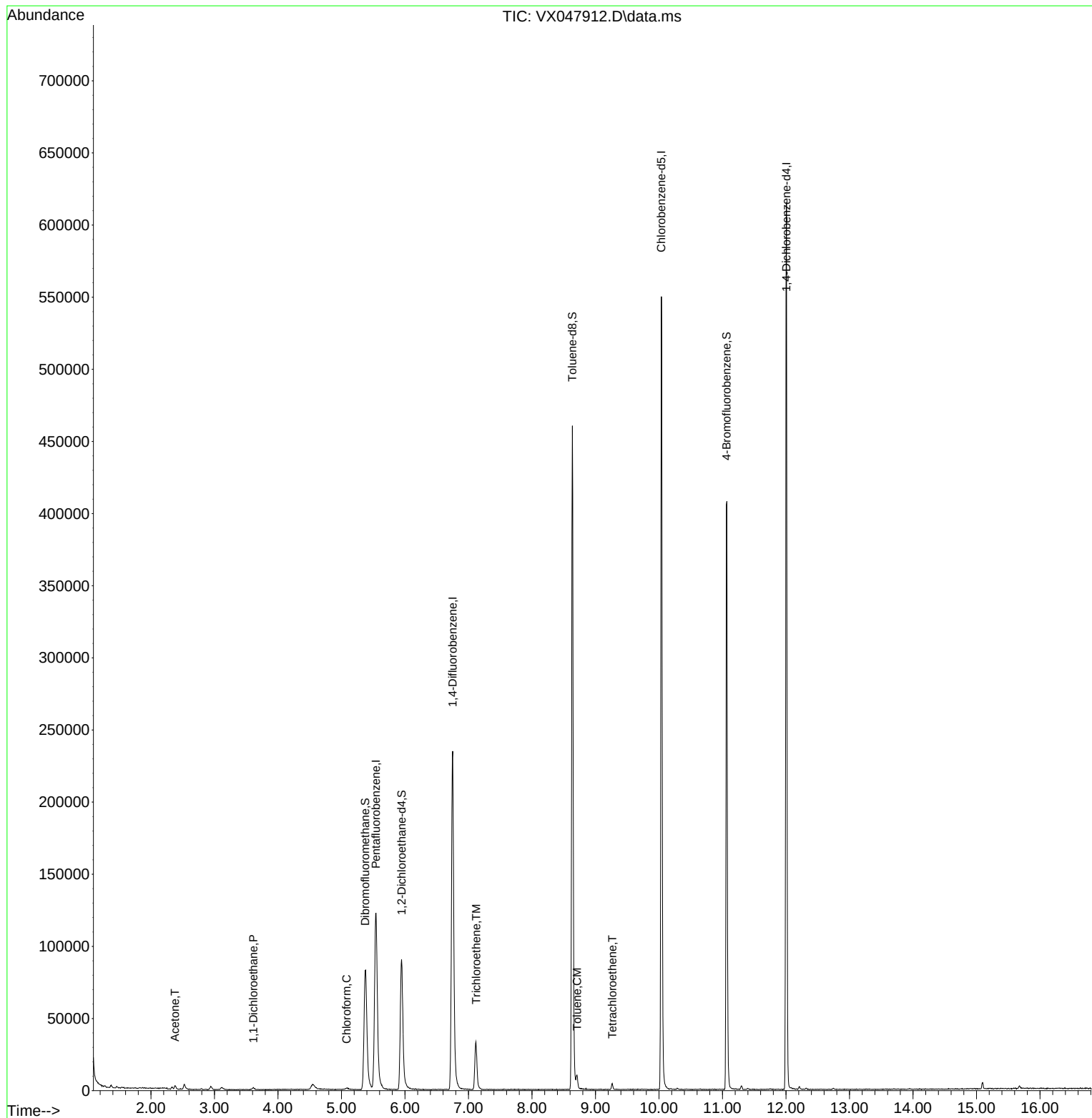
Internal Standards						
1) Pentafluorobenzene	5.544	168	124196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	254274	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	258127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	126469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	99214	50.187	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.380%		
35) Dibromofluoromethane	5.373	113	83283	48.838	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.680%		
50) Toluene-d8	8.635	98	285272	48.346	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 96.700%		
62) 4-Bromofluorobenzene	11.061	95	120128	53.643	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 107.280%		
Target Compounds						
						Qvalue
16) Acetone	2.380	43	3063	3.563	ug/l	# 86
24) 1,1-Dichloroethane	3.611	63	1744	0.556	ug/l	94
30) Chloroform	5.080	83	1439	0.454	ug/l	100
44) Trichloroethene	7.123	130	13865	7.578	ug/l	95
52) Toluene	8.708	92	3463	0.743	ug/l	97
64) Tetrachloroethene	9.263	164	664	0.395	ug/l	88

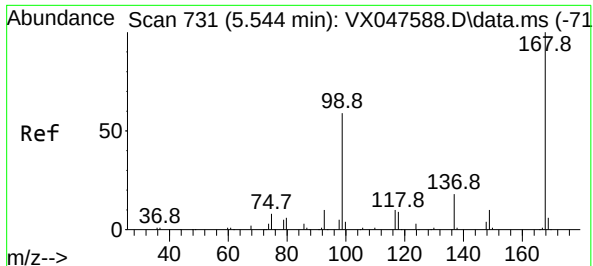
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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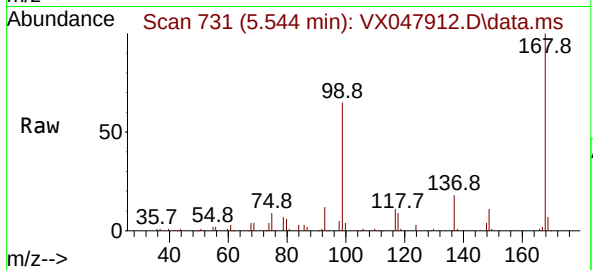
Quant Time: Oct 01 01:12:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



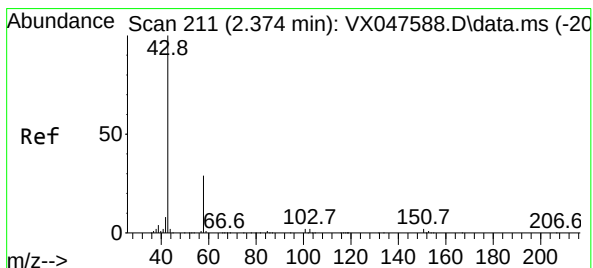
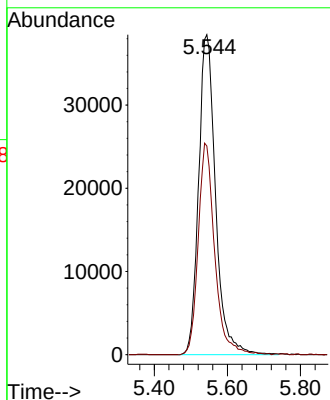
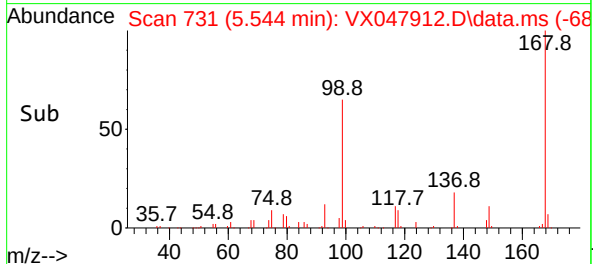


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047912.D
Acq: 30 Sep 2025 15:40

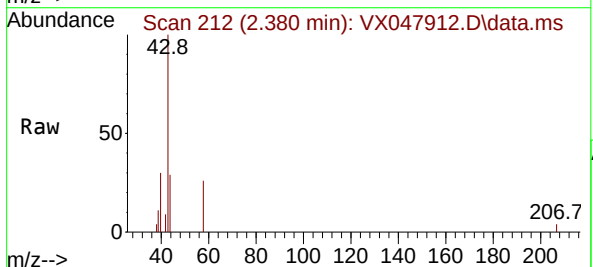
Instrument :
MSVOA_X
ClientSampleId :
TT20551-20250923



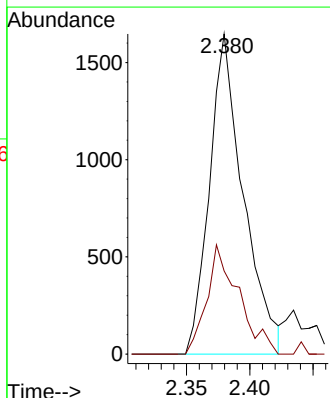
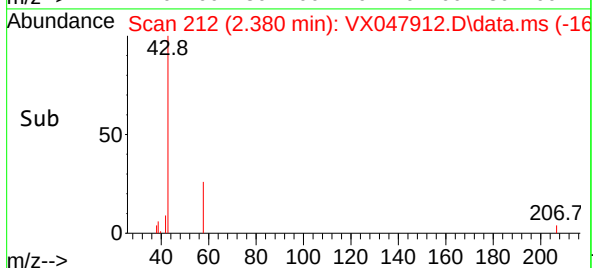
Tgt Ion:168 Resp: 124196
Ion Ratio Lower Upper
168 100
99 65.2 48.8 73.2

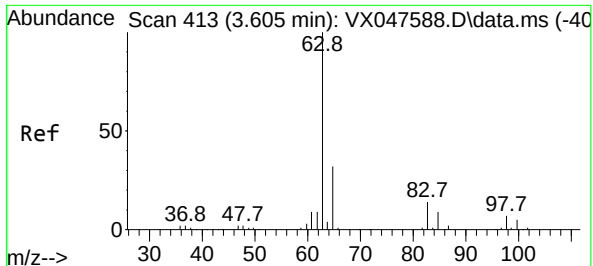


#16
Acetone
Concen: 3.563 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047912.D
Acq: 30 Sep 2025 15:40



Tgt Ion: 43 Resp: 3063
Ion Ratio Lower Upper
43 100
58 21.6 23.4 35.0#

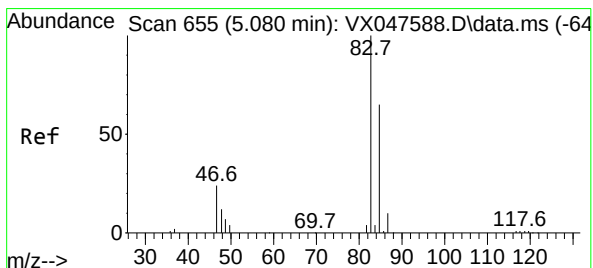
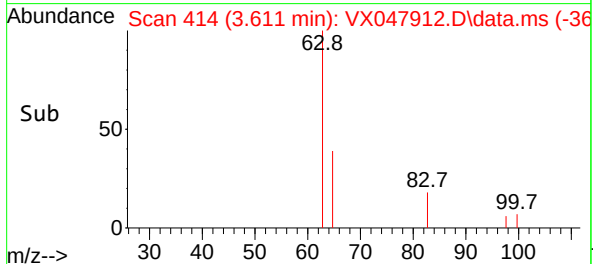
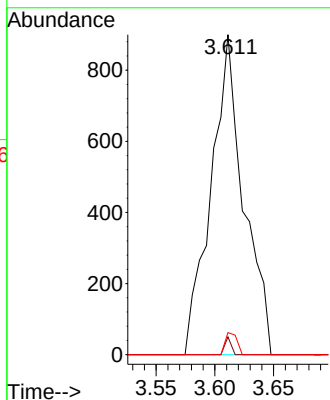
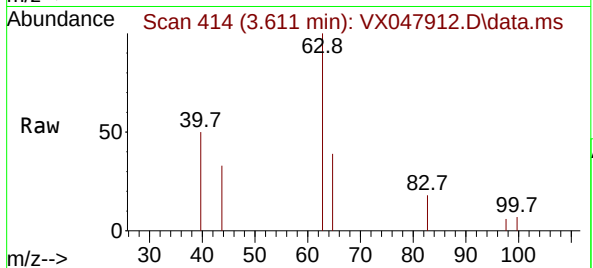




#24
1,1-Dichloroethane
Concen: 0.556 ug/l
RT: 3.611 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX047912.D
Acq: 30 Sep 2025 15:40

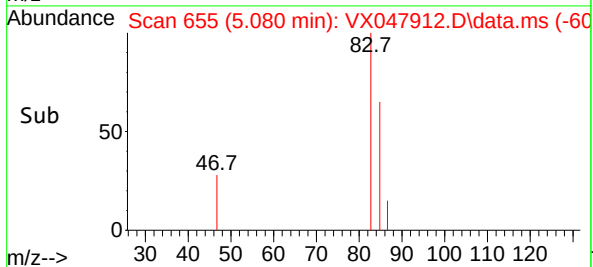
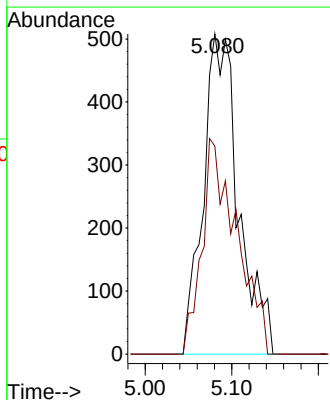
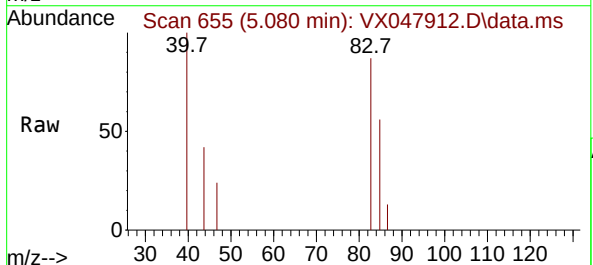
Instrument :
MSVOA_X
ClientSampleId :
TT20551-20250923

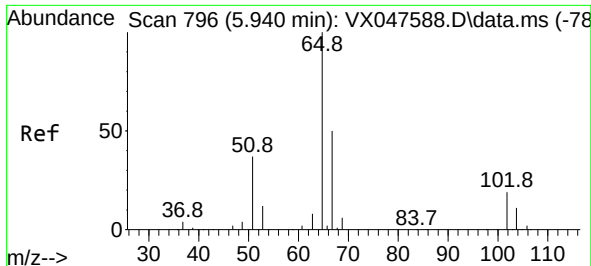
Tgt Ion: 63 Resp: 1744
Ion Ratio Lower Upper
63 100
98 5.6 3.8 11.2
100 6.9 2.3 6.9



#30
Chloroform
Concen: 0.454 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047912.D
Acq: 30 Sep 2025 15:40

Tgt Ion: 83 Resp: 1439
Ion Ratio Lower Upper
83 100
85 65.0 51.8 77.6





#33

1,2-Dichloroethane-d4

Concen: 50.187 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047912.D

Acq: 30 Sep 2025 15:40

Instrument :

MSVOA_X

ClientSampleId :

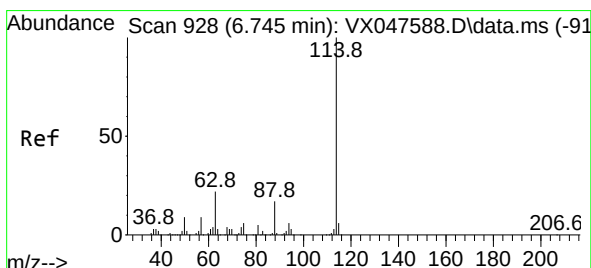
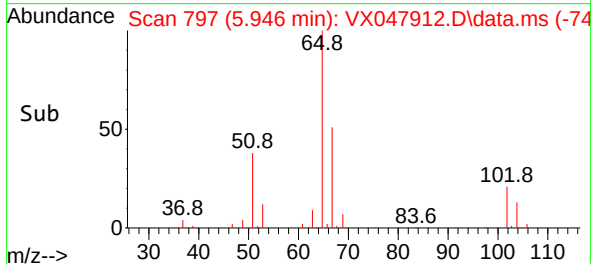
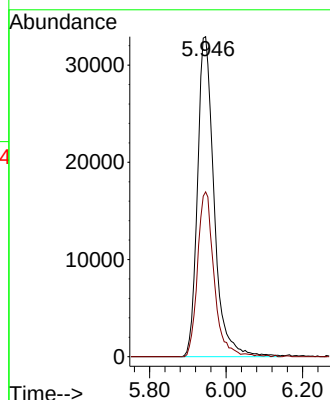
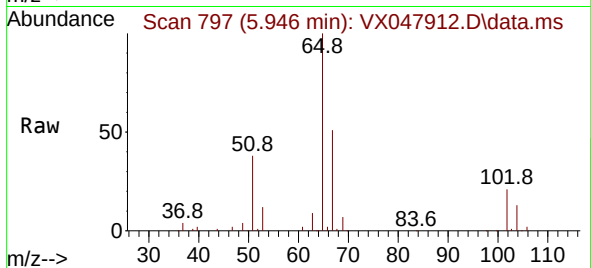
TT20551-20250923

Tgt Ion: 65 Resp: 99214

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047912.D

Acq: 30 Sep 2025 15:40

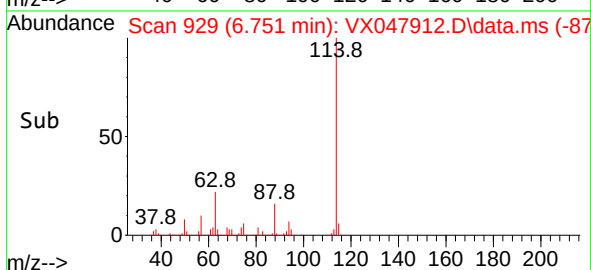
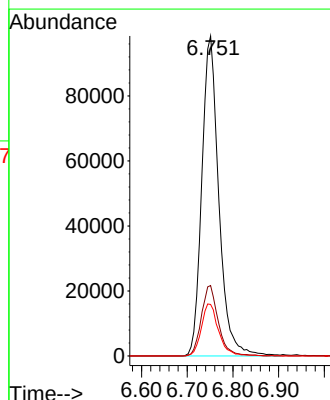
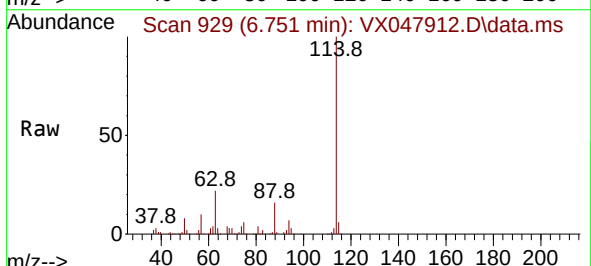
Tgt Ion: 114 Resp: 254274

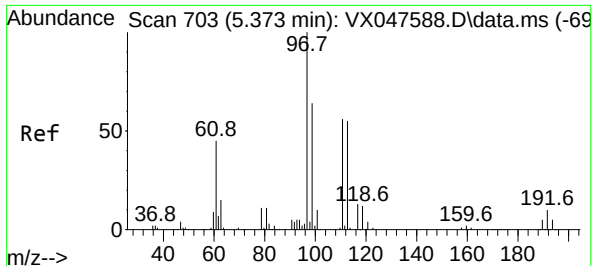
Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.0

88 16.1 0.0 34.2

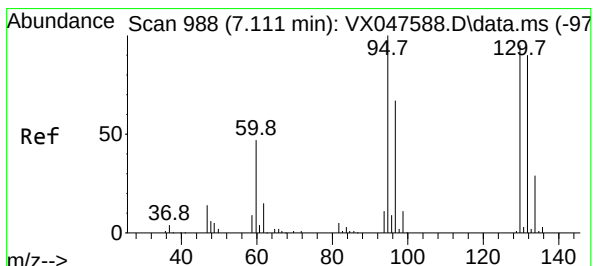
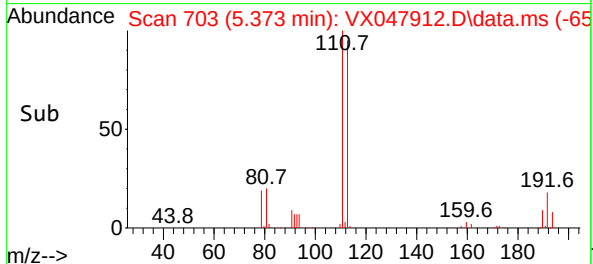
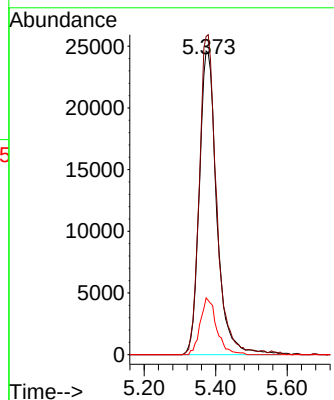
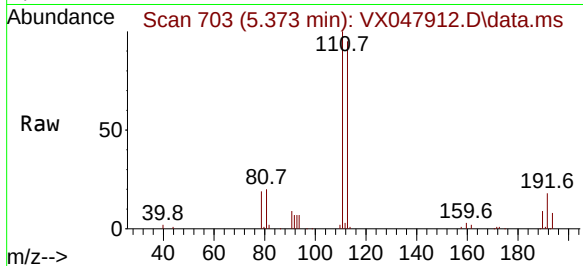




#35
 Dibromofluoromethane
 Concen: 48.838 ug/l
 RT: 5.373 min Scan# 703
 Delta R.T. 0.000 min
 Lab File: VX047912.D
 Acq: 30 Sep 2025 15:40

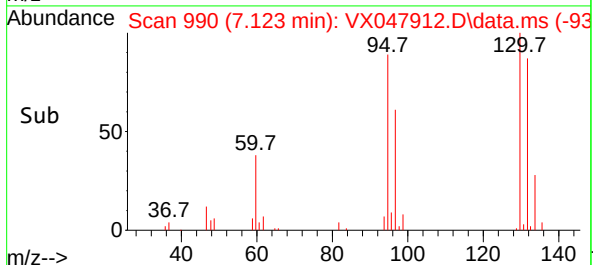
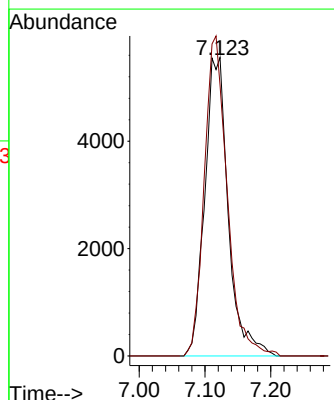
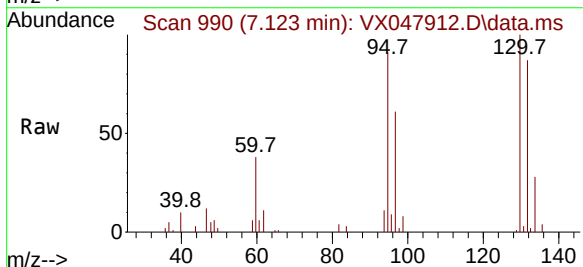
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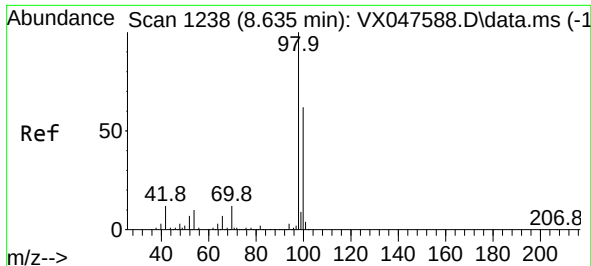
Tgt Ion:113 Resp: 83283
 Ion Ratio Lower Upper
 113 100
 111 103.2 80.9 121.3
 192 17.6 14.2 21.4



#44
 Trichloroethene
 Concen: 7.578 ug/l
 RT: 7.123 min Scan# 990
 Delta R.T. 0.012 min
 Lab File: VX047912.D
 Acq: 30 Sep 2025 15:40

Tgt Ion:130 Resp: 13865
 Ion Ratio Lower Upper
 130 100
 95 100.1 0.0 210.8

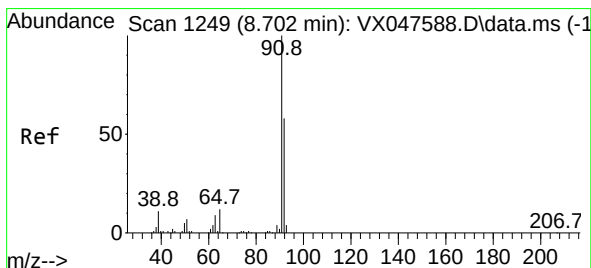
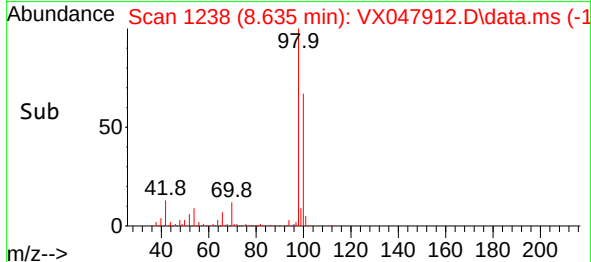
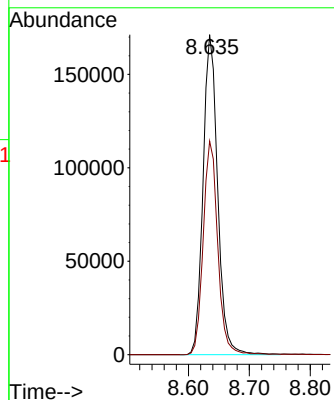
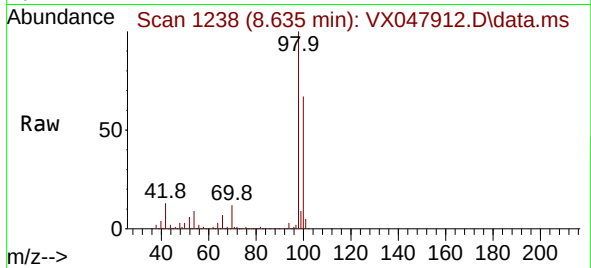




#50
Toluene-d8
Concen: 48.346 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047912.D
Acq: 30 Sep 2025 15:40

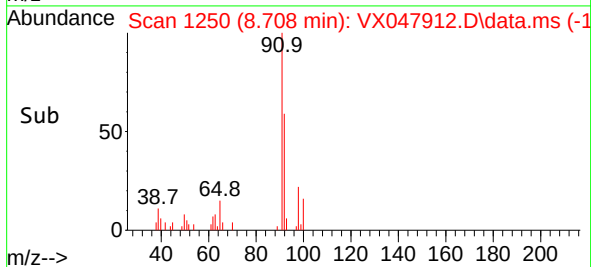
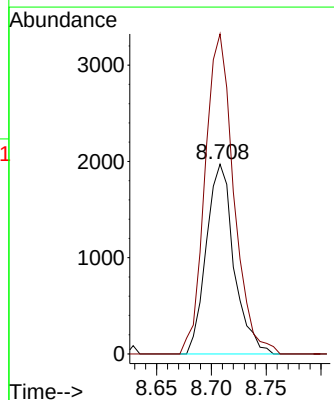
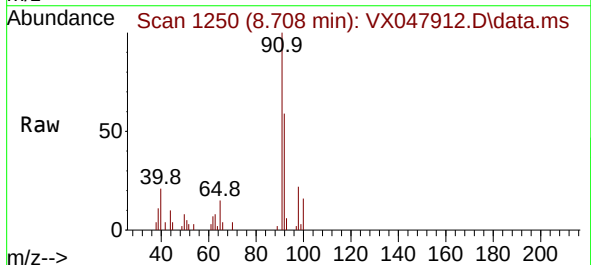
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MSVOA_X
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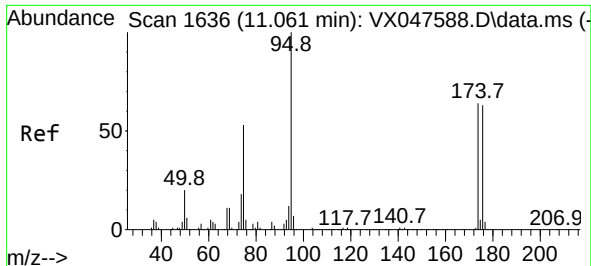
Tgt Ion: 98 Resp: 285272
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4



#52
Toluene
Concen: 0.743 ug/l
RT: 8.708 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VX047912.D
Acq: 30 Sep 2025 15:40

Tgt Ion: 92 Resp: 3463
Ion Ratio Lower Upper
92 100
91 174.9 137.1 205.7





#62

4-Bromofluorobenzene

Concen: 53.643 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047912.D

Acq: 30 Sep 2025 15:40

Instrument :

MSVOA_X

ClientSampleId :

TT20551-20250923

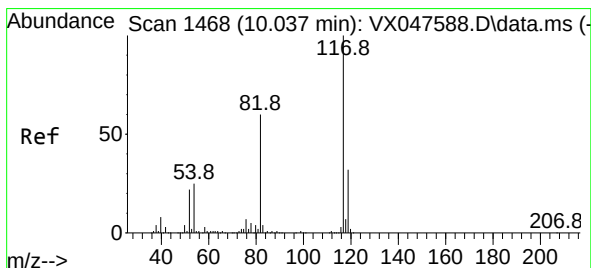
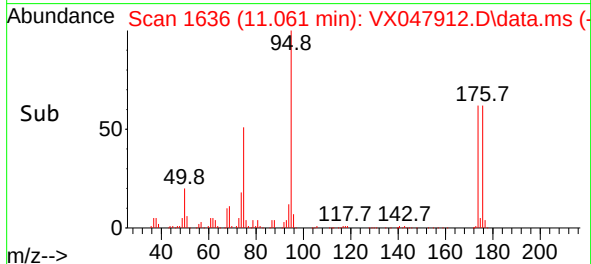
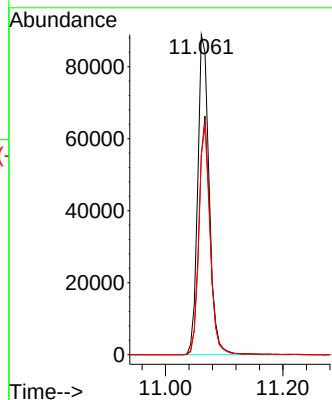
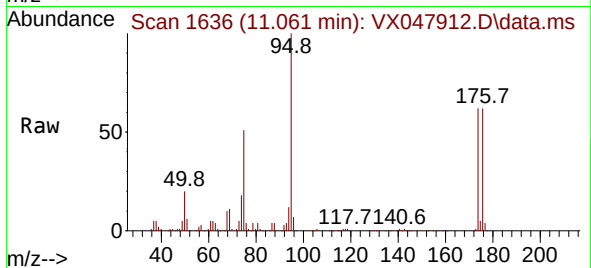
Tgt Ion: 95 Resp: 120128

Ion Ratio Lower Upper

95 100

174 72.3 0.0 141.6

176 69.9 0.0 138.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VX047912.D

Acq: 30 Sep 2025 15:40

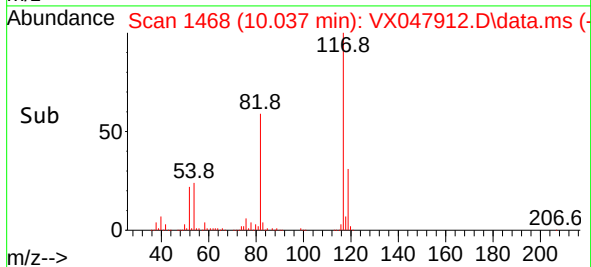
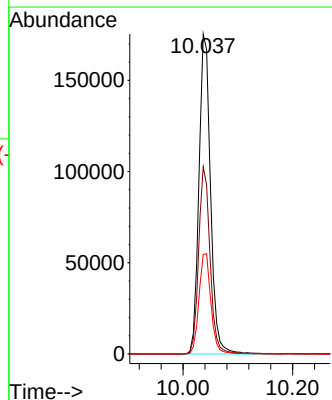
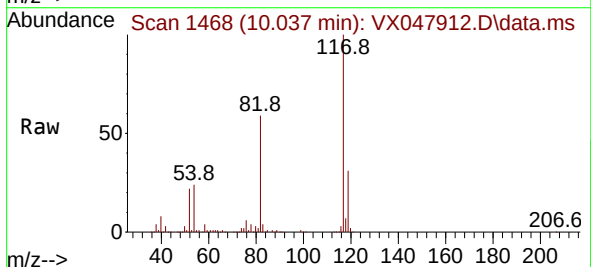
Tgt Ion: 117 Resp: 258127

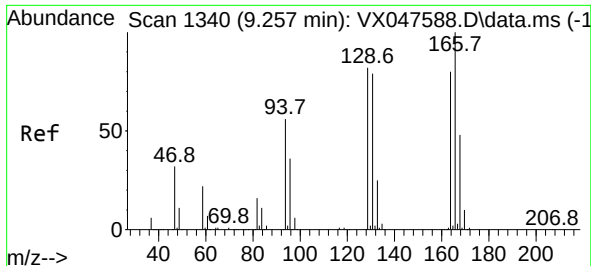
Ion Ratio Lower Upper

117 100

82 58.5 47.8 71.6

119 31.1 25.2 37.8

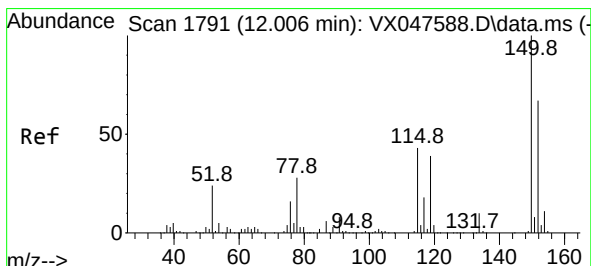
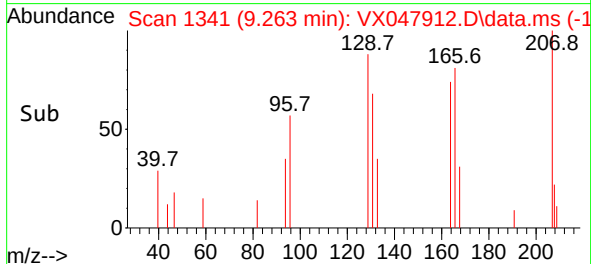
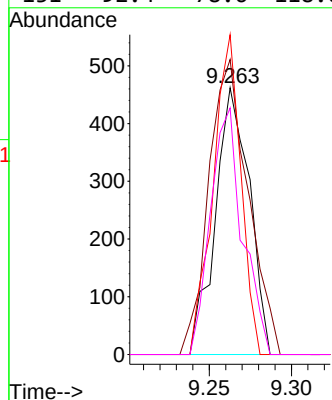
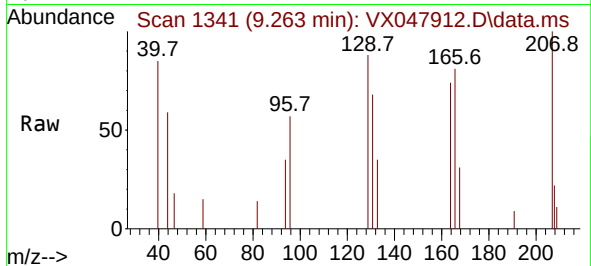




#64
Tetrachloroethene
Concen: 0.395 ug/l
RT: 9.263 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047912.D
Acq: 30 Sep 2025 15:40

Instrument :
MSVOA_X
ClientSampleId :
TT20551-20250923

Tgt	Ion:164	Resp:	664
Ion	Ratio	Lower	Upper
164	100		
166	110.6	100.2	150.2
129	119.9	81.8	122.6
131	92.4	78.6	118.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047912.D
Acq: 30 Sep 2025 15:40

Tgt Ion:152	Resp:	126469	
Ion	Ratio	Lower	Upper
152	100		
115	63.3	44.9	134.5
150	158.2	0.0	352.0

