

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
 Data File : VX047421.D
 Acq On : 19 Aug 2025 18:22
 Operator : JC/MD
 Sample : Q2869-01 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19B-71.5-081325

Quant Time: Aug 20 01:31:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

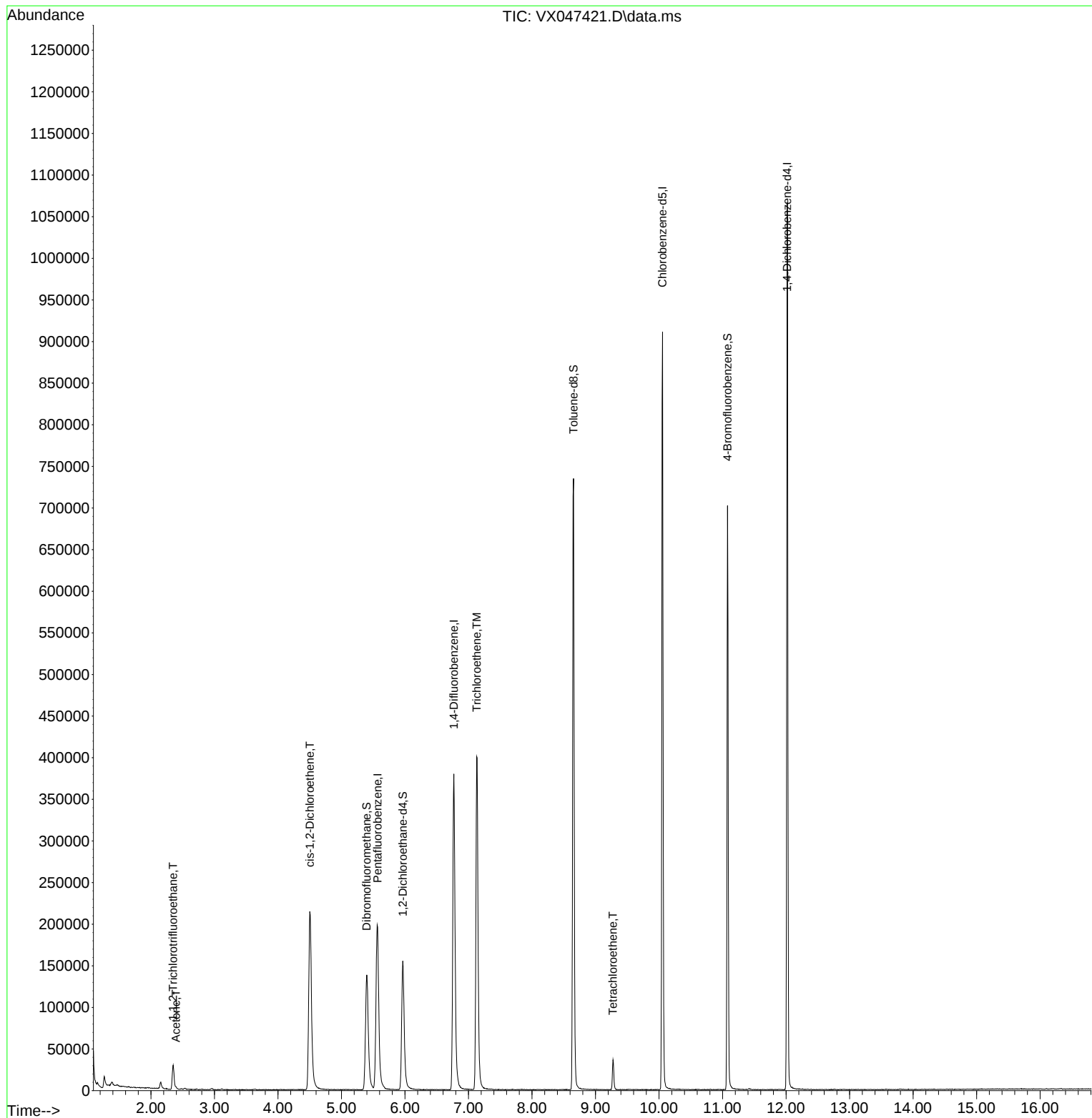
Internal Standards						
1) Pentafluorobenzene	5.568	168	199878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	404740	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	406772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	210685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	161847	57.857	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 115.720%		
35) Dibromofluoromethane	5.397	113	132697	50.517	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.040%		
50) Toluene-d8	8.653	98	463512	49.368	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 98.740%		
62) 4-Bromofluorobenzene	11.079	95	190416	54.959	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 109.920%		
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.349	101	12950	5.246	ug/l	98
16) Acetone	2.392	43	2004	1.906	ug/l #	84
27) cis-1,2-Dichloroethene	4.501	96	151907	48.828	ug/l	90
44) Trichloroethene	7.129	130	170320	53.593	ug/l	100
64) Tetrachloroethene	9.275	164	7149	2.430	ug/l	95

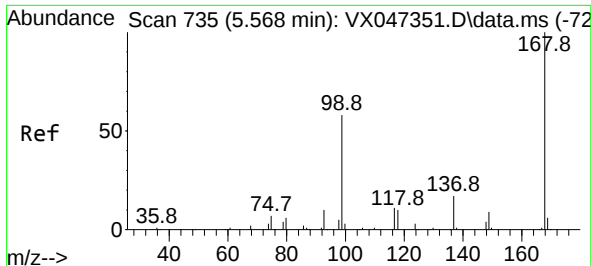
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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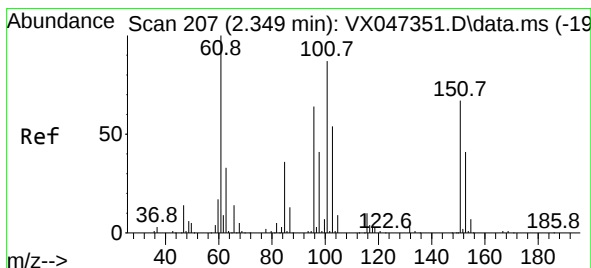
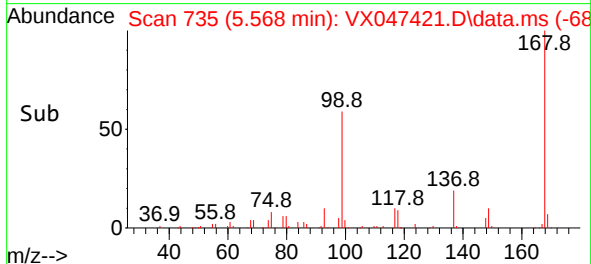
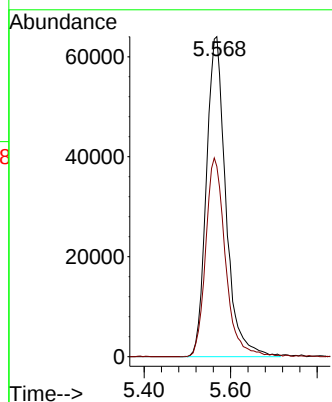
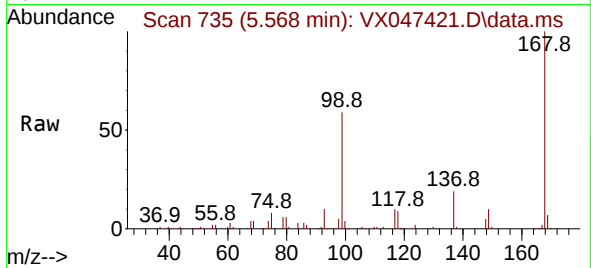




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047421.D
Acq: 19 Aug 2025 18:22

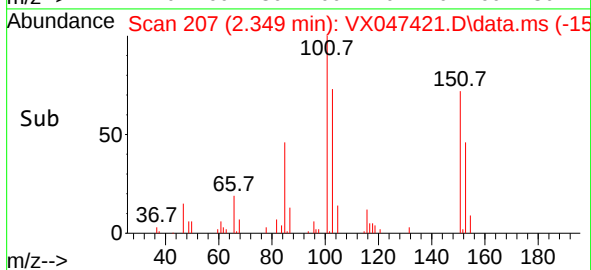
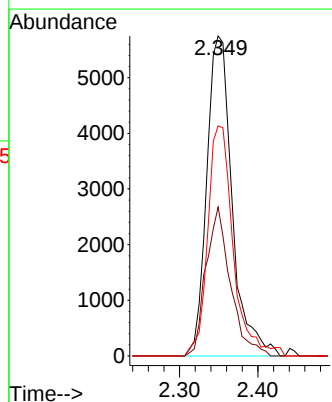
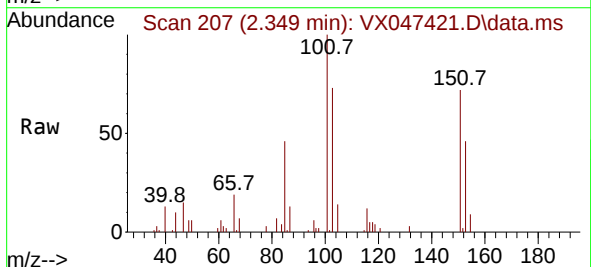
Instrument :
MSVOA_X
ClientSampleId :
MW-19B-71.5-081325

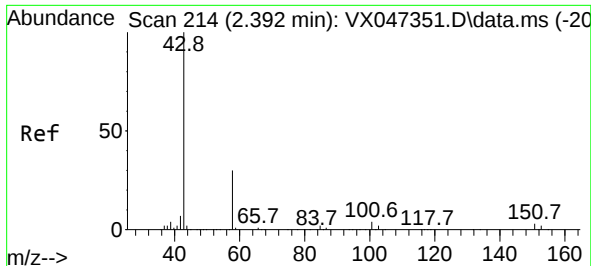
Tgt Ion:168 Resp: 199878
Ion Ratio Lower Upper
168 100
99 59.5 47.9 71.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.246 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX047421.D
Acq: 19 Aug 2025 18:22

Tgt Ion:101 Resp: 12950
Ion Ratio Lower Upper
101 100
85 44.8 34.3 51.5
151 72.1 59.2 88.8

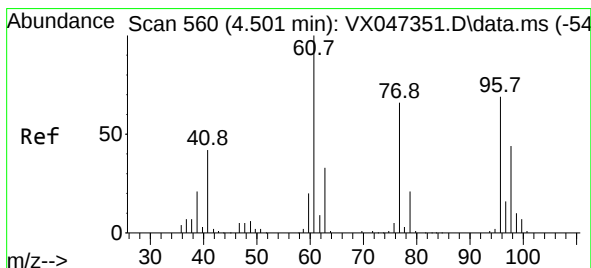
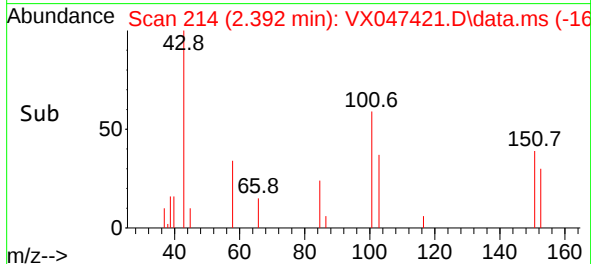
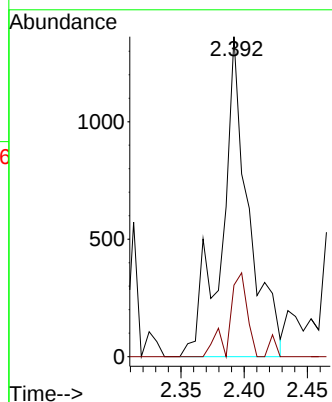
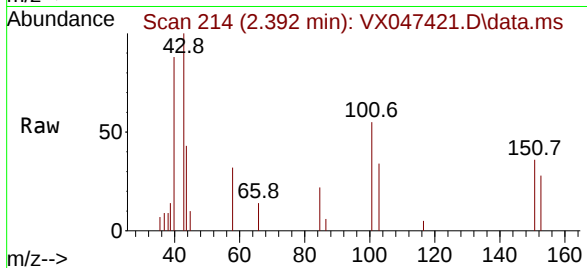




#16
Acetone
Concen: 1.906 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047421.D
Acq: 19 Aug 2025 18:22

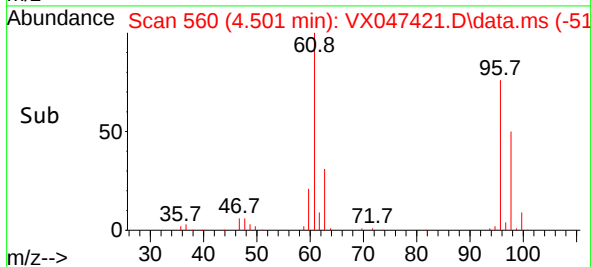
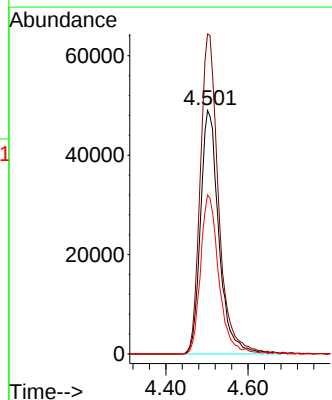
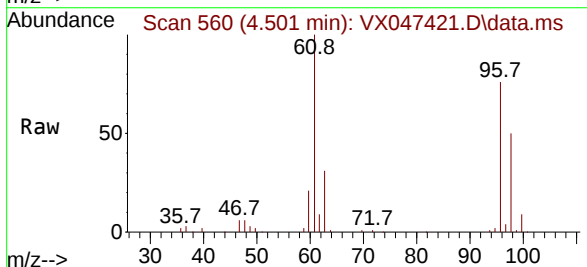
Instrument :
MSVOA_X
ClientSampleId :
MW-19B-71.5-081325

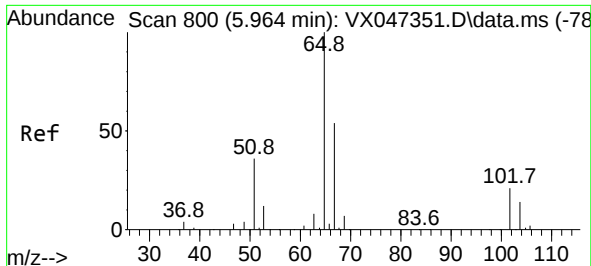
Tgt Ion: 43 Resp: 2004
Ion Ratio Lower Upper
43 100
58 22.3 24.8 37.2#



#27
cis-1,2-Dichloroethene
Concen: 48.828 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.000 min
Lab File: VX047421.D
Acq: 19 Aug 2025 18:22

Tgt Ion: 96 Resp: 151907
Ion Ratio Lower Upper
96 100
61 130.7 0.0 296.6
98 64.8 0.0 130.4

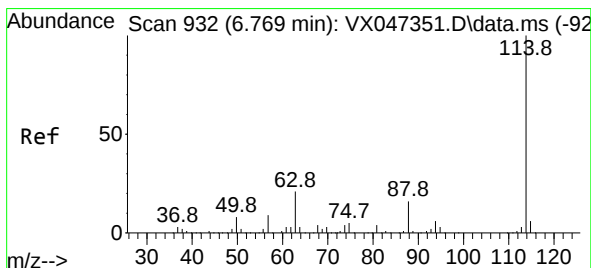
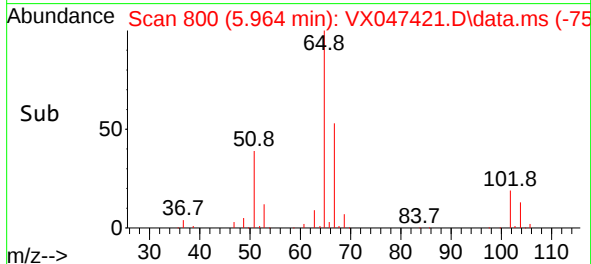
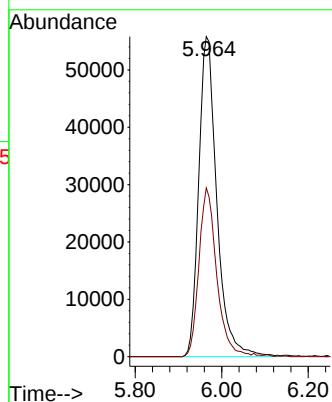
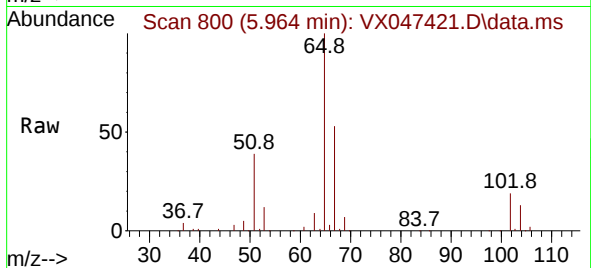




#33
 1,2-Dichloroethane-d4
 Concen: 57.857 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047421.D
 Acq: 19 Aug 2025 18:22

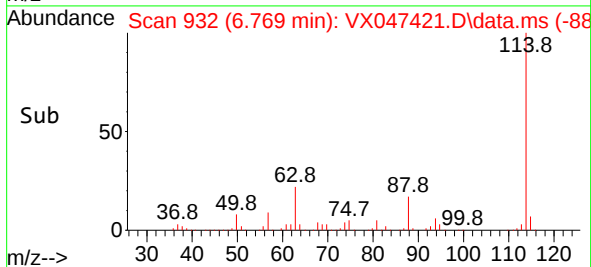
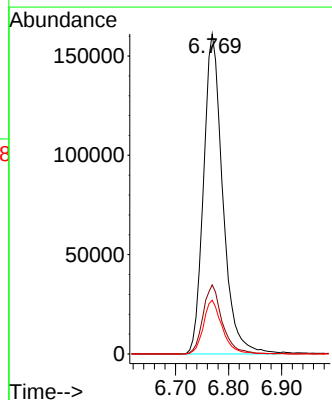
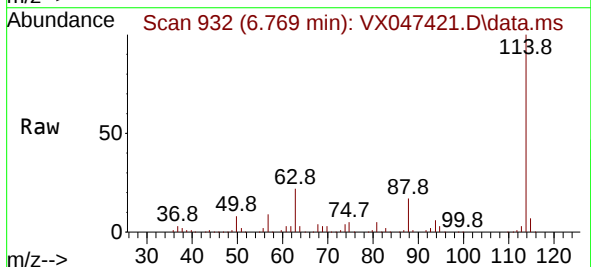
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19B-71.5-081325

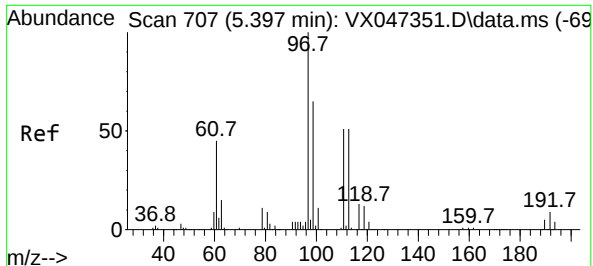
Tgt Ion: 65 Resp: 161847
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047421.D
 Acq: 19 Aug 2025 18:22

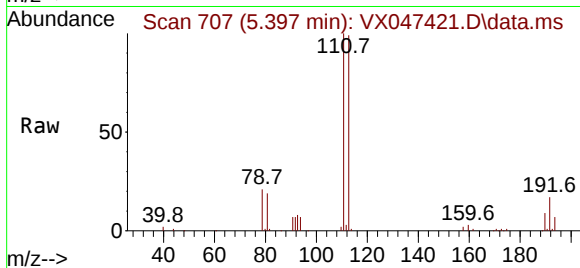
Tgt Ion: 114 Resp: 404740
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 42.4
 88 16.8 0.0 33.0



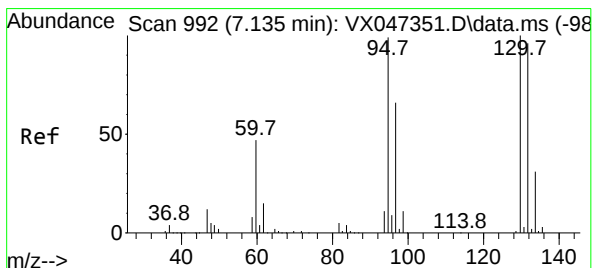
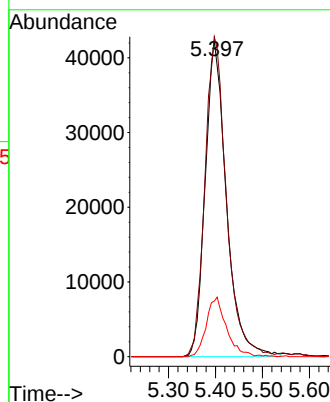
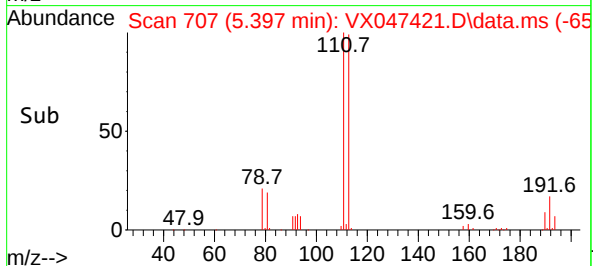


#35
Dibromofluoromethane
Concen: 50.517 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047421.D
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ClientSampleId :
MW-19B-71.5-081325

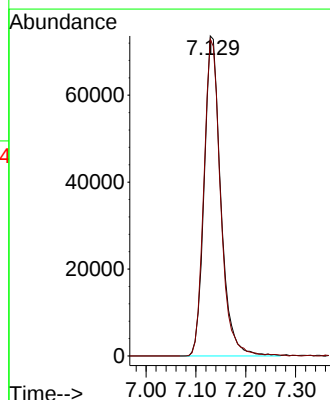
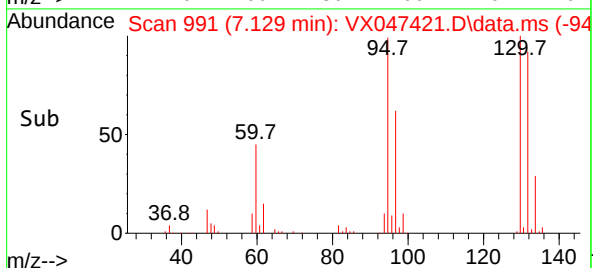
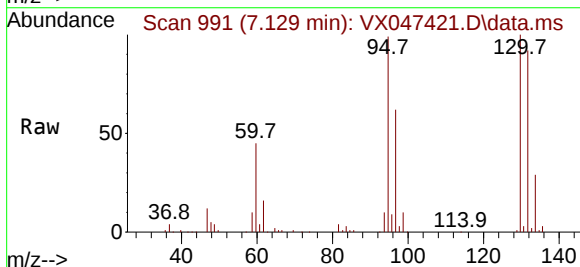


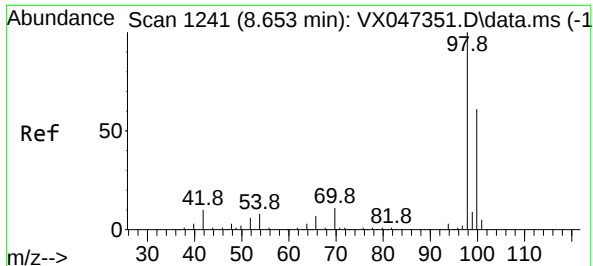
Tgt Ion:113 Resp: 132697
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.2
192 18.0 14.1 21.1



#44
Trichloroethene
Concen: 53.593 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX047421.D
Acq: 19 Aug 2025 18:22

Tgt Ion:130 Resp: 170320
Ion Ratio Lower Upper
130 100
95 99.0 0.0 198.6

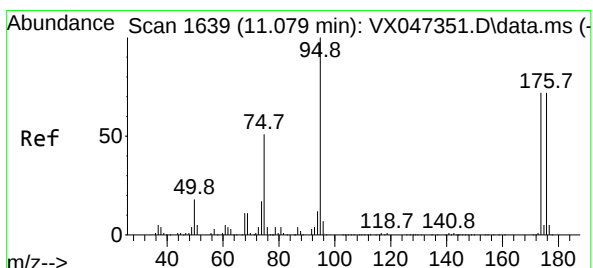
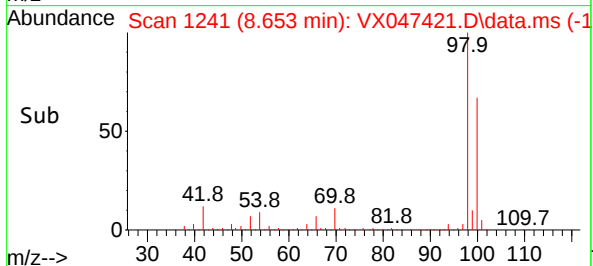
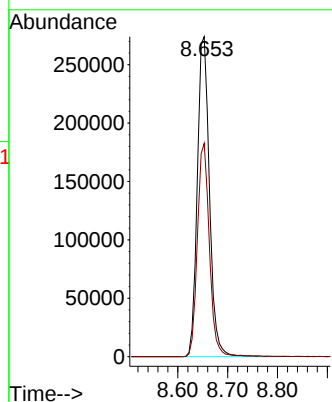
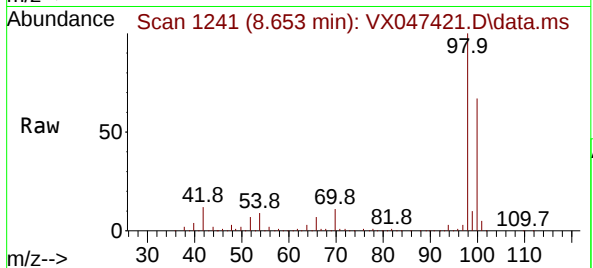




#50
Toluene-d8
Concen: 49.368 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047421.D
Acq: 19 Aug 2025 18:22

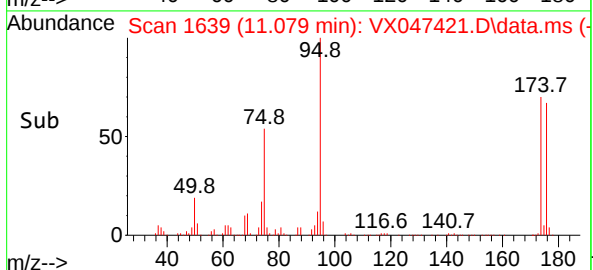
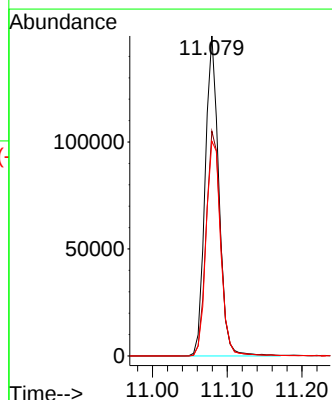
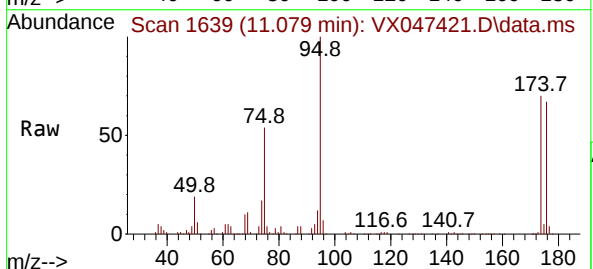
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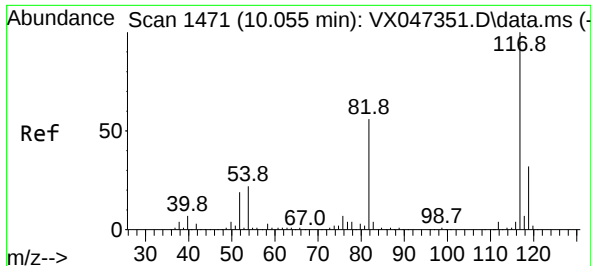
Tgt Ion: 98 Resp: 463512
Ion Ratio Lower Upper
98 100
100 65.8 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 54.959 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047421.D
Acq: 19 Aug 2025 18:22

Tgt Ion: 95 Resp: 190416
Ion Ratio Lower Upper
95 100
174 74.5 0.0 148.0
176 71.8 0.0 145.4

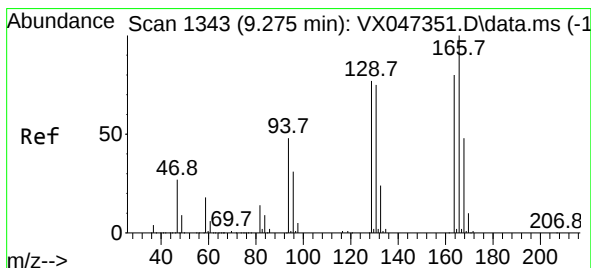
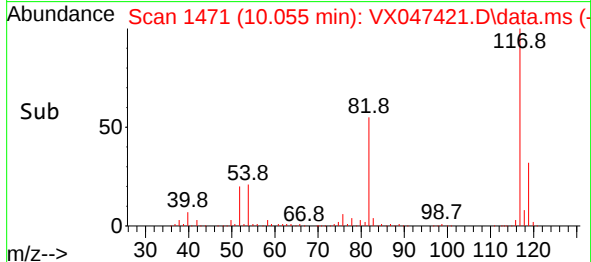
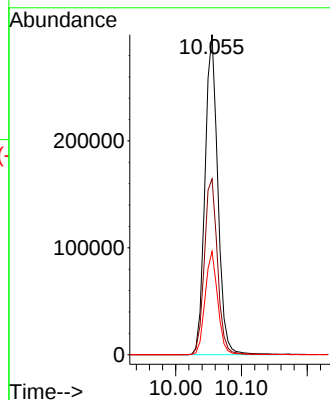
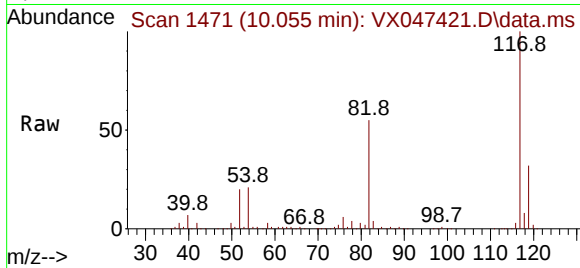




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047421.D
Acq: 19 Aug 2025 18:22

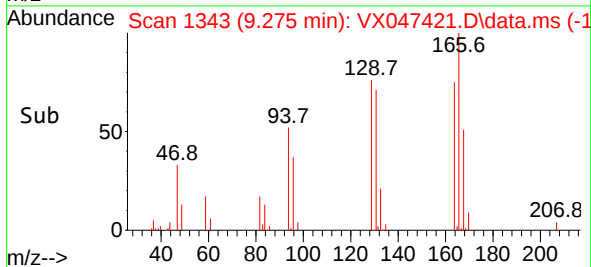
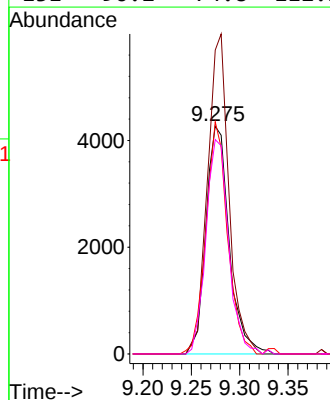
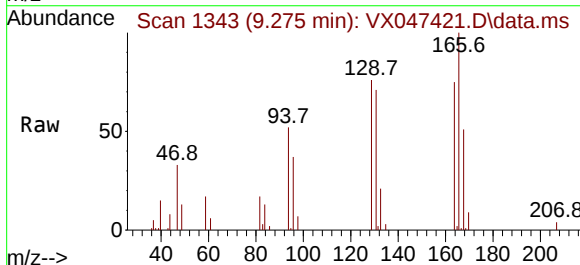
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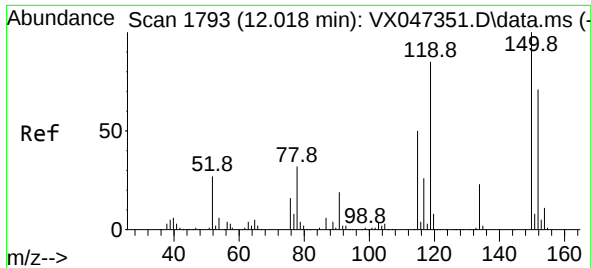
Tgt Ion:117 Resp: 406772
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.4
119 32.2 25.8 38.8



#64
Tetrachloroethene
Concen: 2.430 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047421.D
Acq: 19 Aug 2025 18:22

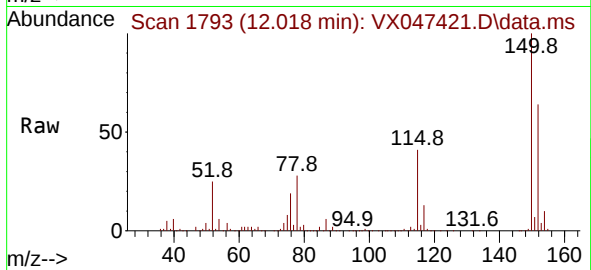
Tgt Ion:164 Resp: 7149
Ion Ratio Lower Upper
164 100
166 133.4 100.3 150.5
129 102.0 77.7 116.5
131 96.2 74.8 112.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047421.D
 Acq: 19 Aug 2025 18:22

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19B-71.5-081325



Tgt Ion:152 Resp: 210685
 Ion Ratio Lower Upper
 152 100
 115 61.9 44.6 133.8
 150 154.1 0.0 349.8

