

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082125\
 Data File : VX047460.D
 Acq On : 21 Aug 2025 11:39
 Operator : JC/MD
 Sample : Q2869-04 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11A-13.5-081325

Quant Time: Aug 22 03:42:19 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)

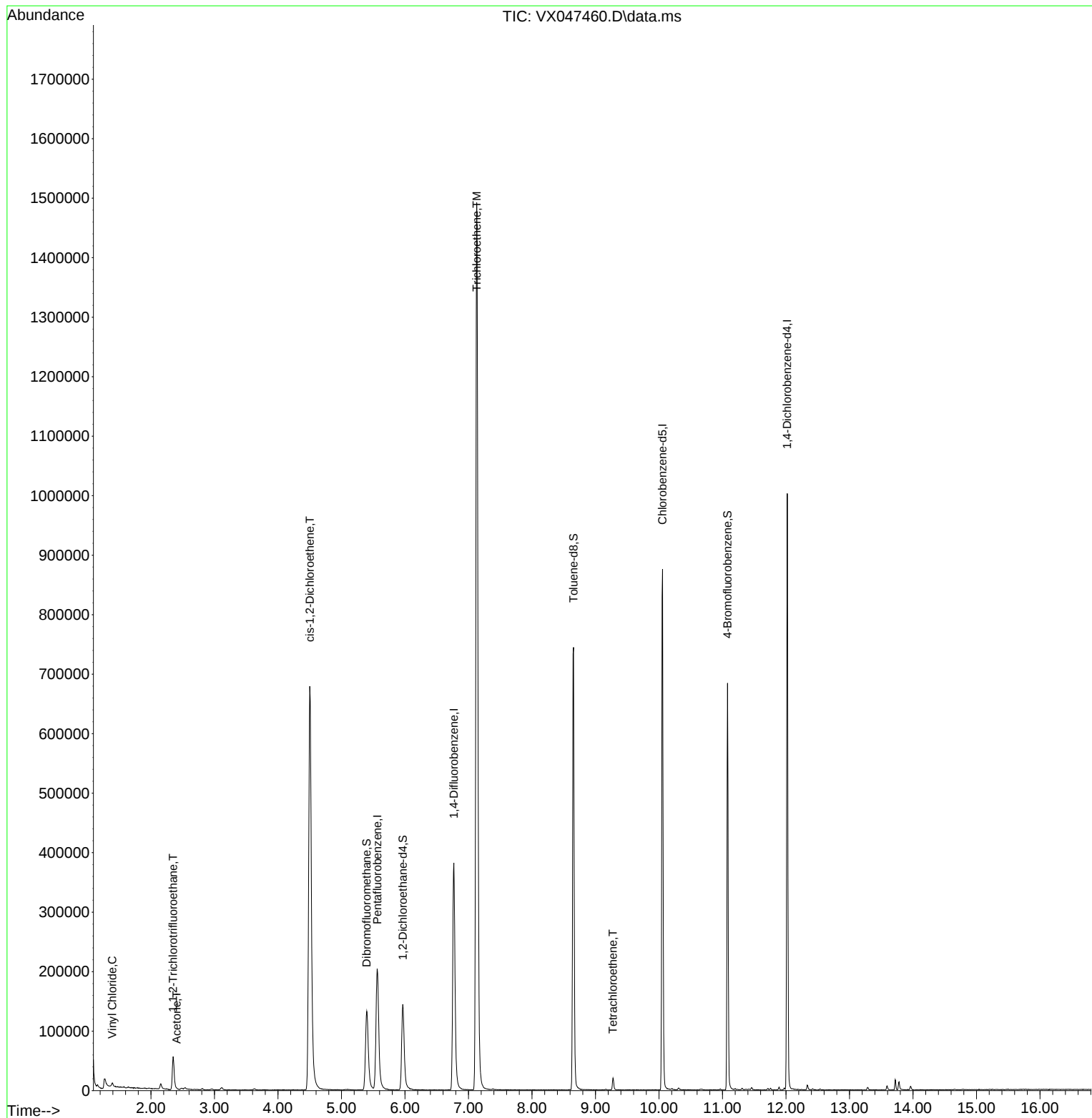
Internal Standards						
1) Pentafluorobenzene	5.562	168	209250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	413436	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	399927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	194035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	152914	52.215	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.440%		
35) Dibromofluoromethane	5.397	113	128659	47.949	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 95.900%		
50) Toluene-d8	8.653	98	461732	48.144	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 96.280%		
62) 4-Bromofluorobenzene	11.079	95	188755	53.334	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 106.660%		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.392	62	3369	1.119	ug/l #	66
9) 1,1,2-Trichlorotrifluo...	2.349	101	23528	9.104	ug/l	98
16) Acetone	2.404	43	2290	2.080	ug/l #	86
27) cis-1,2-Dichloroethene	4.501	96	476083	146.176	ug/l	90
44) Trichloroethene	7.129	130	609435	187.731	ug/l	100
64) Tetrachloroethene	9.275	164	4063	1.405	ug/l #	84

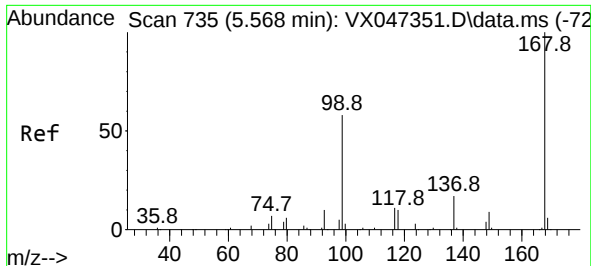
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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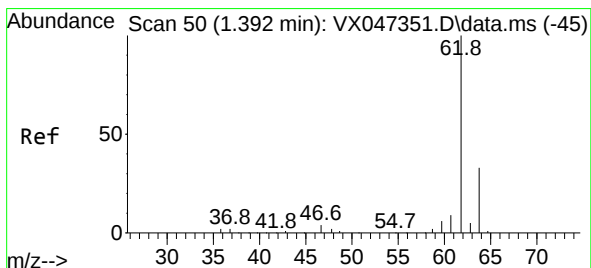
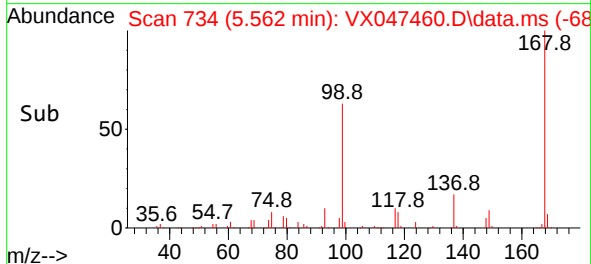
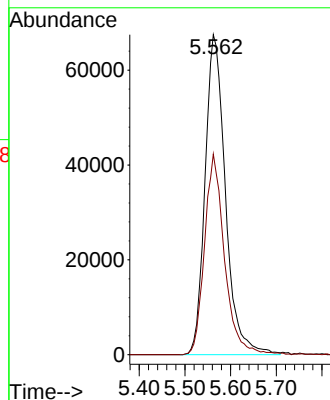
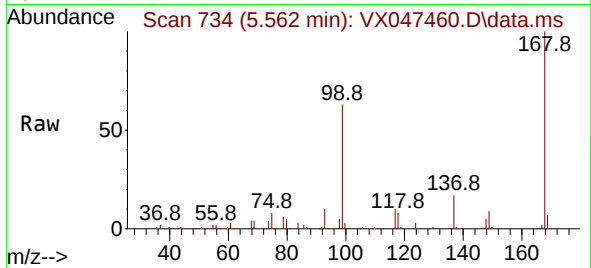




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047460.D
Acq: 21 Aug 2025 11:39

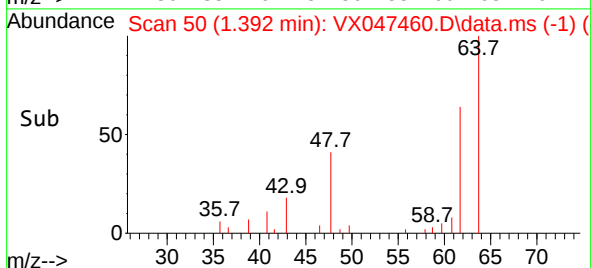
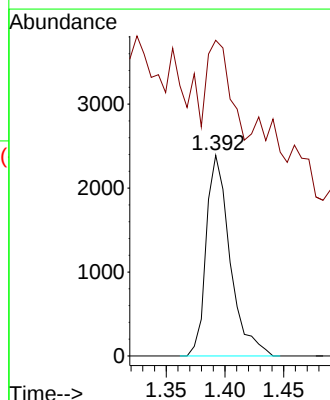
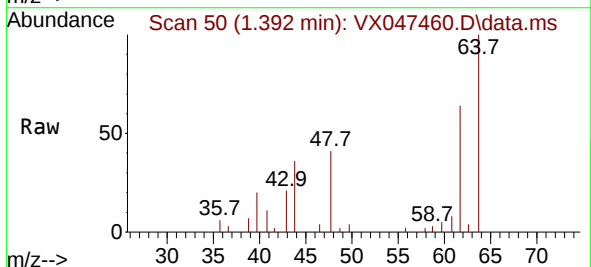
Instrument :
MSVOA_X
ClientSampleId :
MW-11A-13.5-081325

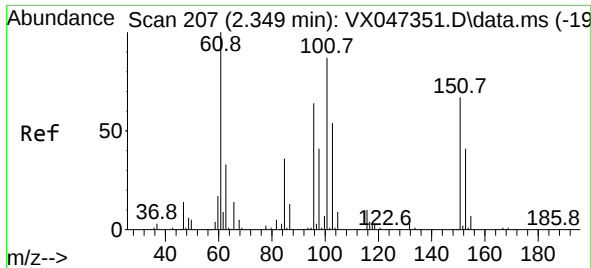
Tgt Ion:168 Resp: 209250
Ion Ratio Lower Upper
168 100
99 62.7 47.9 71.9



#4
Vinyl Chloride
Concen: 1.119 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047460.D
Acq: 21 Aug 2025 11:39

Tgt Ion: 62 Resp: 3369
Ion Ratio Lower Upper
62 100
64 52.3 26.5 39.7#

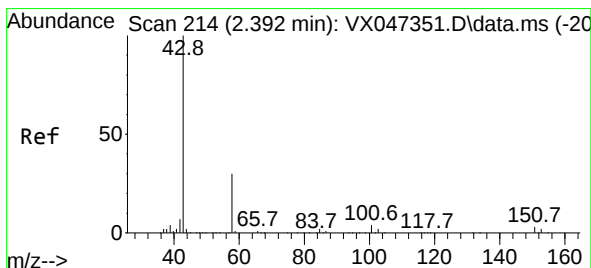
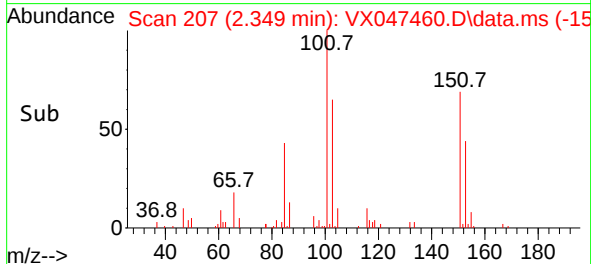
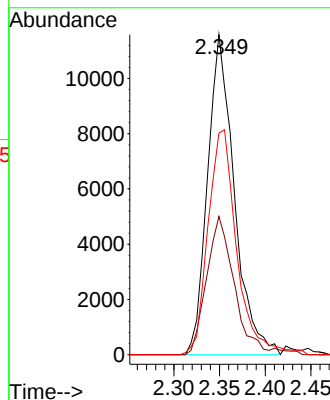
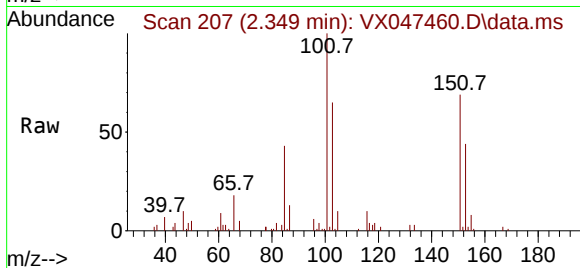




#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.104 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX047460.D
Acq: 21 Aug 2025 11:39

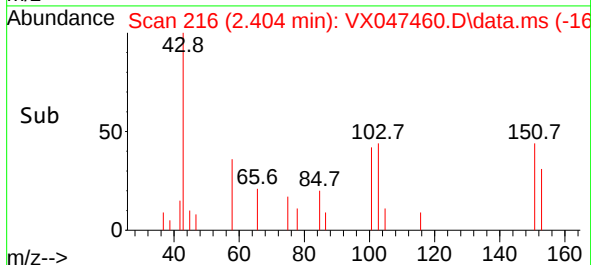
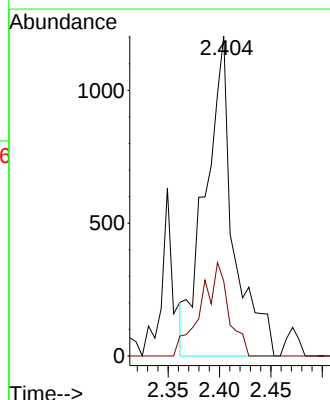
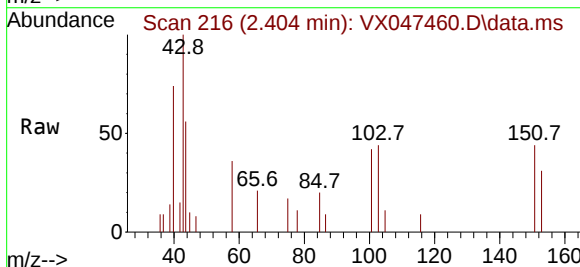
Instrument :
MSVOA_X
ClientSampleId :
MW-11A-13.5-081325

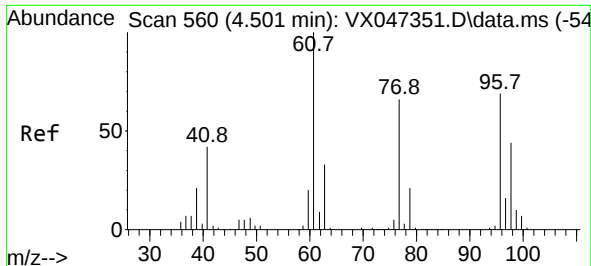
Tgt Ion:101 Resp: 23528
Ion Ratio Lower Upper
101 100
85 44.3 34.3 51.5
151 75.6 59.2 88.8



#16
Acetone
Concen: 2.080 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX047460.D
Acq: 21 Aug 2025 11:39

Tgt Ion: 43 Resp: 2290
Ion Ratio Lower Upper
43 100
58 23.4 24.8 37.2#





#27

cis-1,2-Dichloroethene

Concen: 146.176 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.000 min

Lab File: VX047460.D

Acq: 21 Aug 2025 11:39

Instrument :

MSVOA_X

ClientSampleId :

MW-11A-13.5-081325

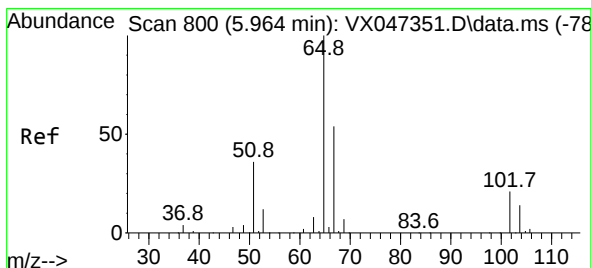
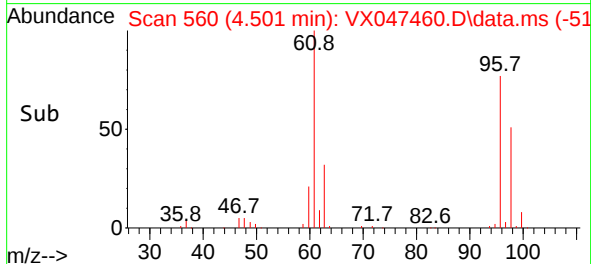
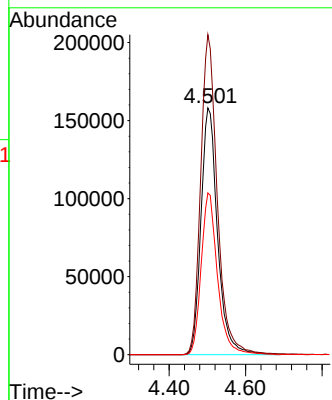
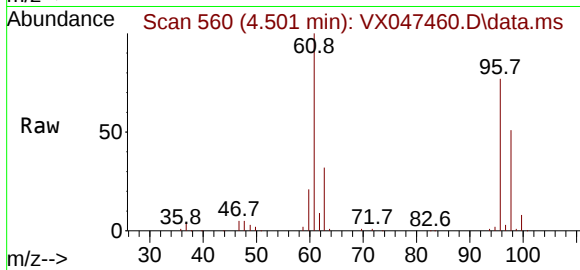
Tgt Ion: 96 Resp: 476083

Ion Ratio Lower Upper

96 100

61 130.2 0.0 296.6

98 64.6 0.0 130.4



#33

1,2-Dichloroethane-d4

Concen: 52.215 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047460.D

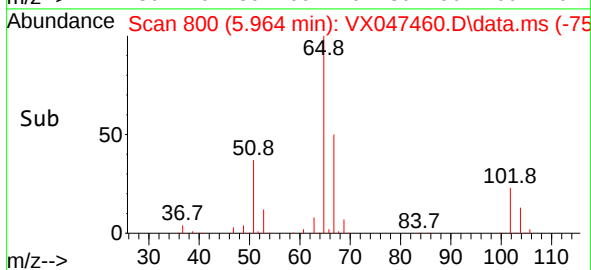
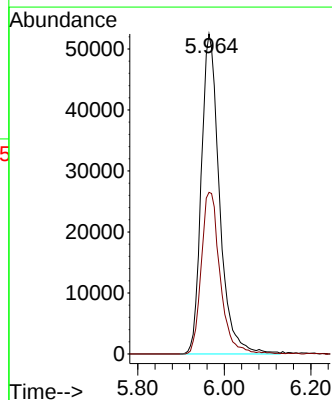
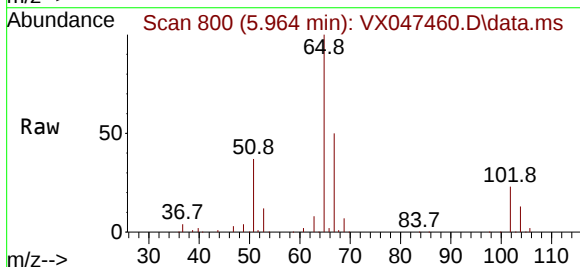
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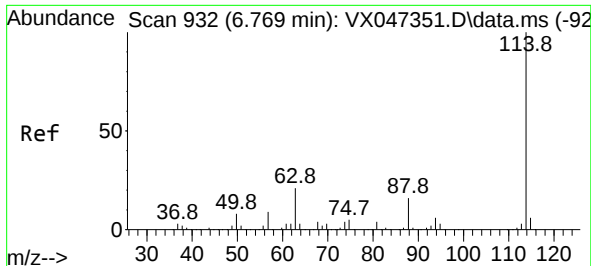
Tgt Ion: 65 Resp: 152914

Ion Ratio Lower Upper

65 100

67 51.9 0.0 106.0

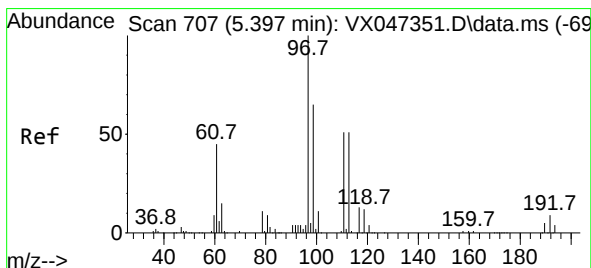
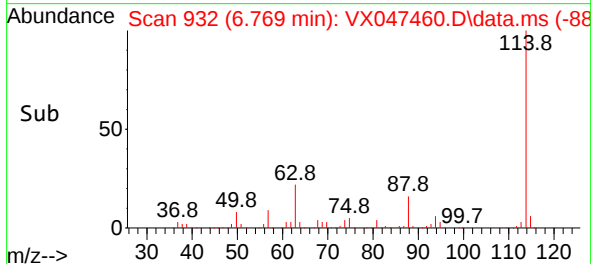
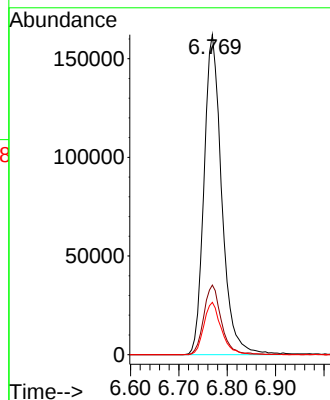
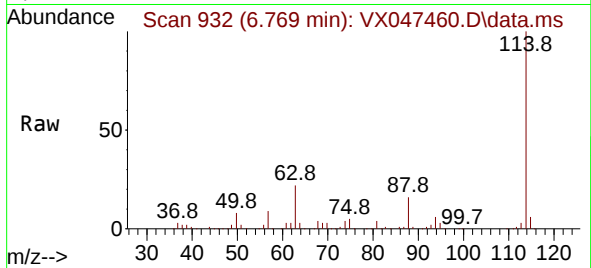




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX047460.D
Acq: 21 Aug 2025 11:39

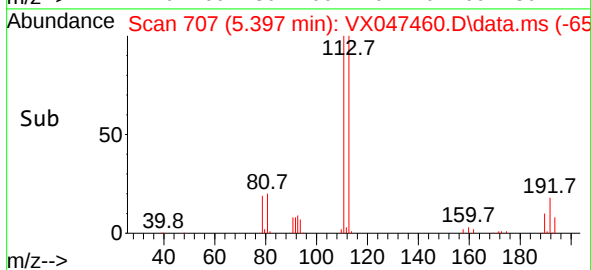
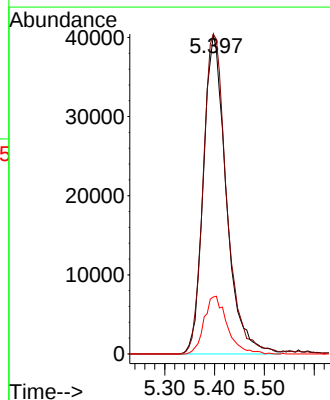
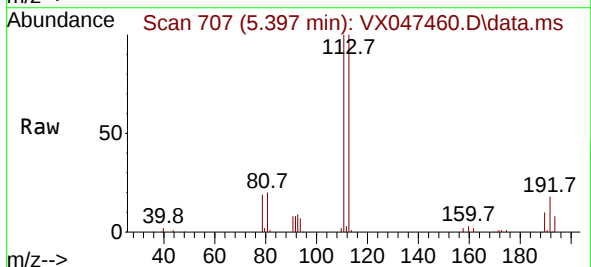
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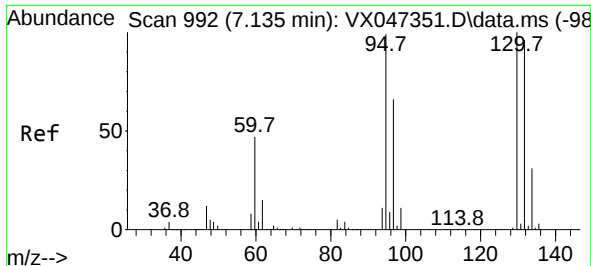
Tgt Ion:114 Resp: 413436
Ion Ratio Lower Upper
114 100
63 21.7 0.0 42.4
88 16.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.949 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047460.D
Acq: 21 Aug 2025 11:39

Tgt Ion:113 Resp: 128659
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.2
192 18.3 14.1 21.1

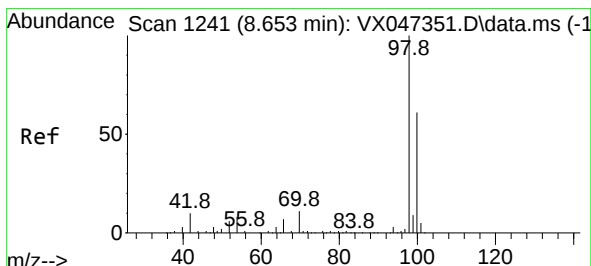
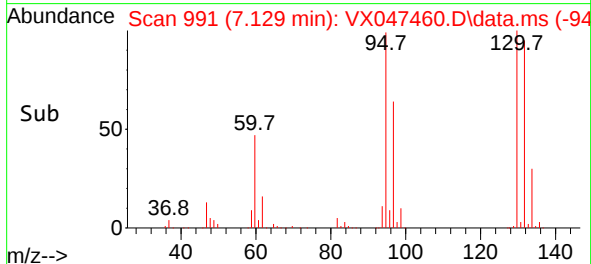
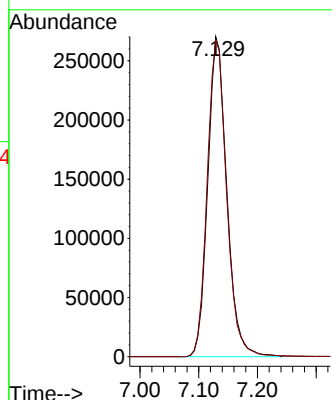
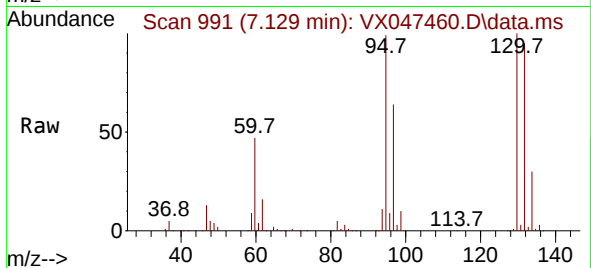




#44
Trichloroethene
Concen: 187.731 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX047460.D
Acq: 21 Aug 2025 11:39

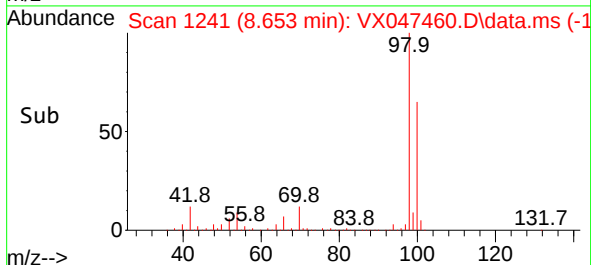
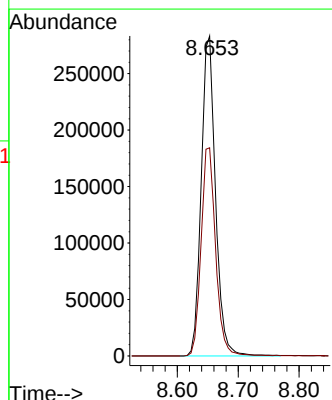
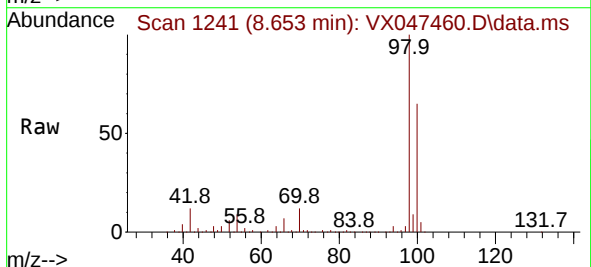
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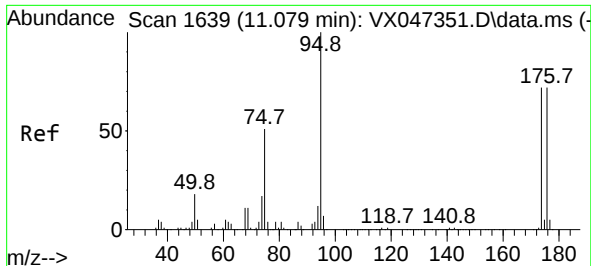
Tgt Ion:130 Resp: 609435
Ion Ratio Lower Upper
130 100
95 98.8 0.0 198.6



#50
Toluene-d8
Concen: 48.144 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047460.D
Acq: 21 Aug 2025 11:39

Tgt Ion: 98 Resp: 461732
Ion Ratio Lower Upper
98 100
100 66.2 53.9 80.9

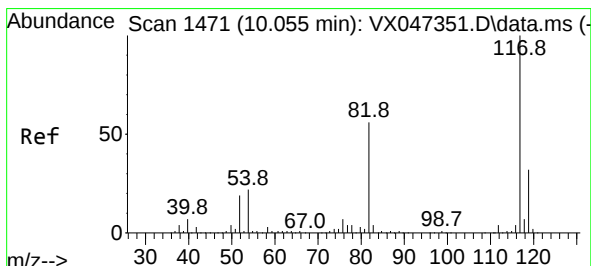
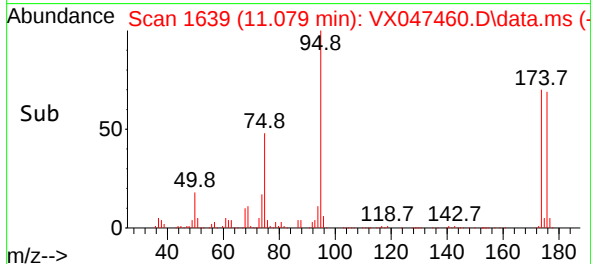
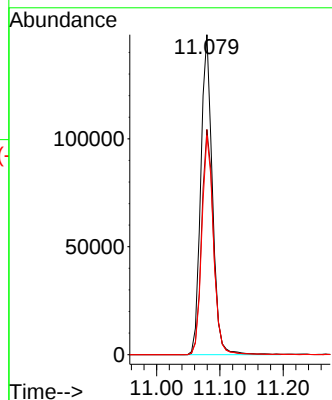
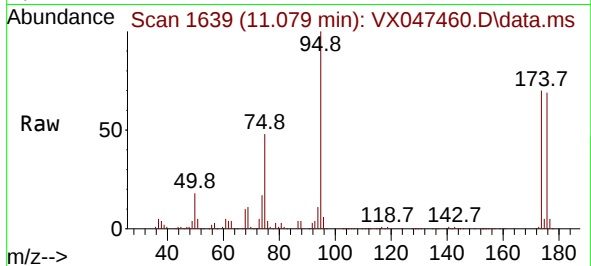




#62
4-Bromofluorobenzene
Concen: 53.334 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047460.D
Acq: 21 Aug 2025 11:39

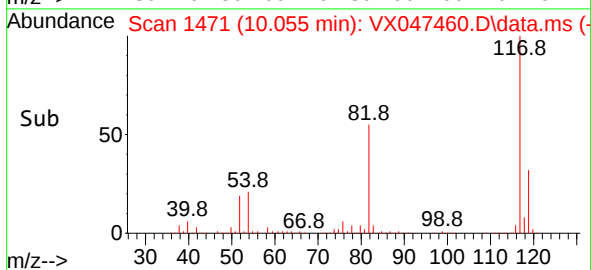
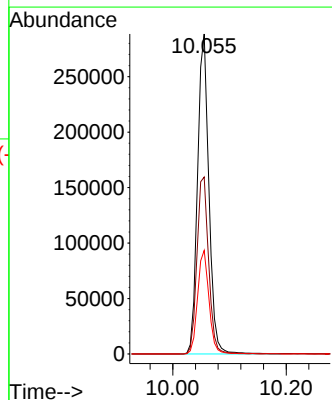
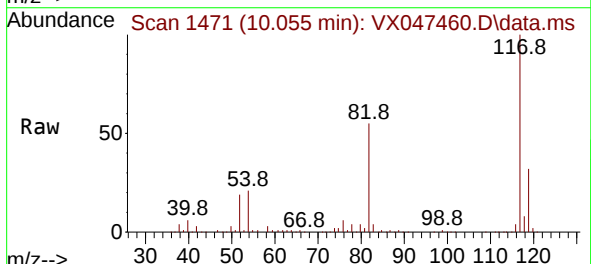
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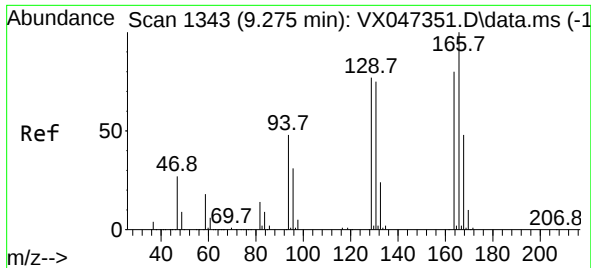
Tgt Ion: 95 Resp: 188755
Ion Ratio Lower Upper
95 100
174 72.0 0.0 148.0
176 69.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047460.D
Acq: 21 Aug 2025 11:39

Tgt Ion: 117 Resp: 399927
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.4
119 32.3 25.8 38.8

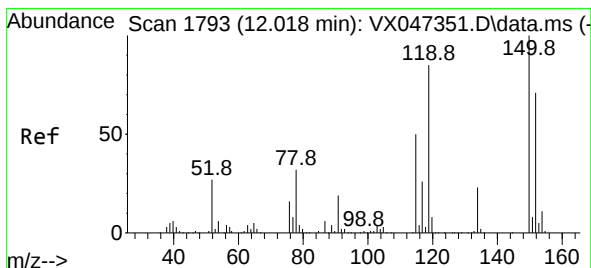
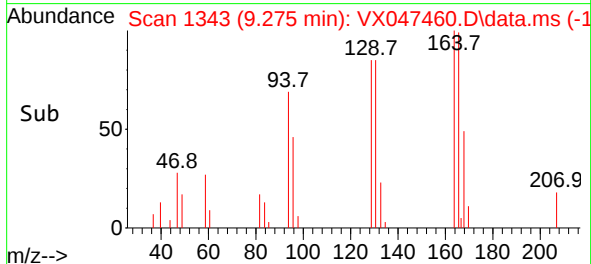
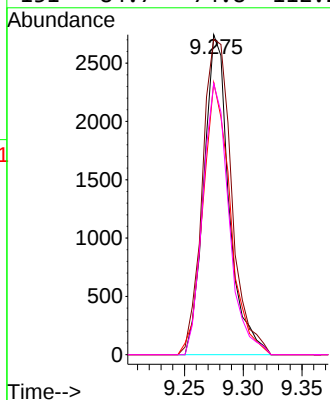
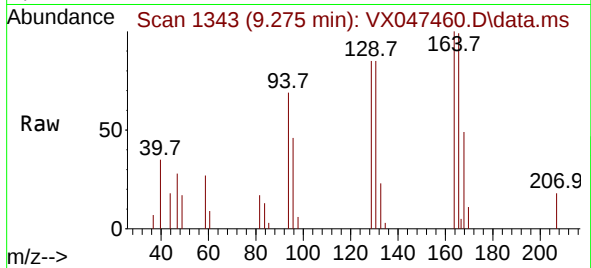




#64
Tetrachloroethene
Concen: 1.405 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047460.D
Acq: 21 Aug 2025 11:39

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Tgt Ion:164	Resp:	4063
Ion	Ratio	Lower Upper
164	100	
166	98.5	100.3 150.5#
129	85.1	77.7 116.5
131	84.7	74.8 112.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047460.D
Acq: 21 Aug 2025 11:39

Tgt Ion:152	Resp:	194035
Ion	Ratio	Lower Upper
152	100	
115	62.7	44.6 133.8
150	159.8	0.0 349.8

