

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082125\
 Data File : VX047462.D
 Acq On : 21 Aug 2025 12:22
 Operator : JC/MD
 Sample : Q2869-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01-6.5-081325

Quant Time: Aug 22 03:43:23 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)

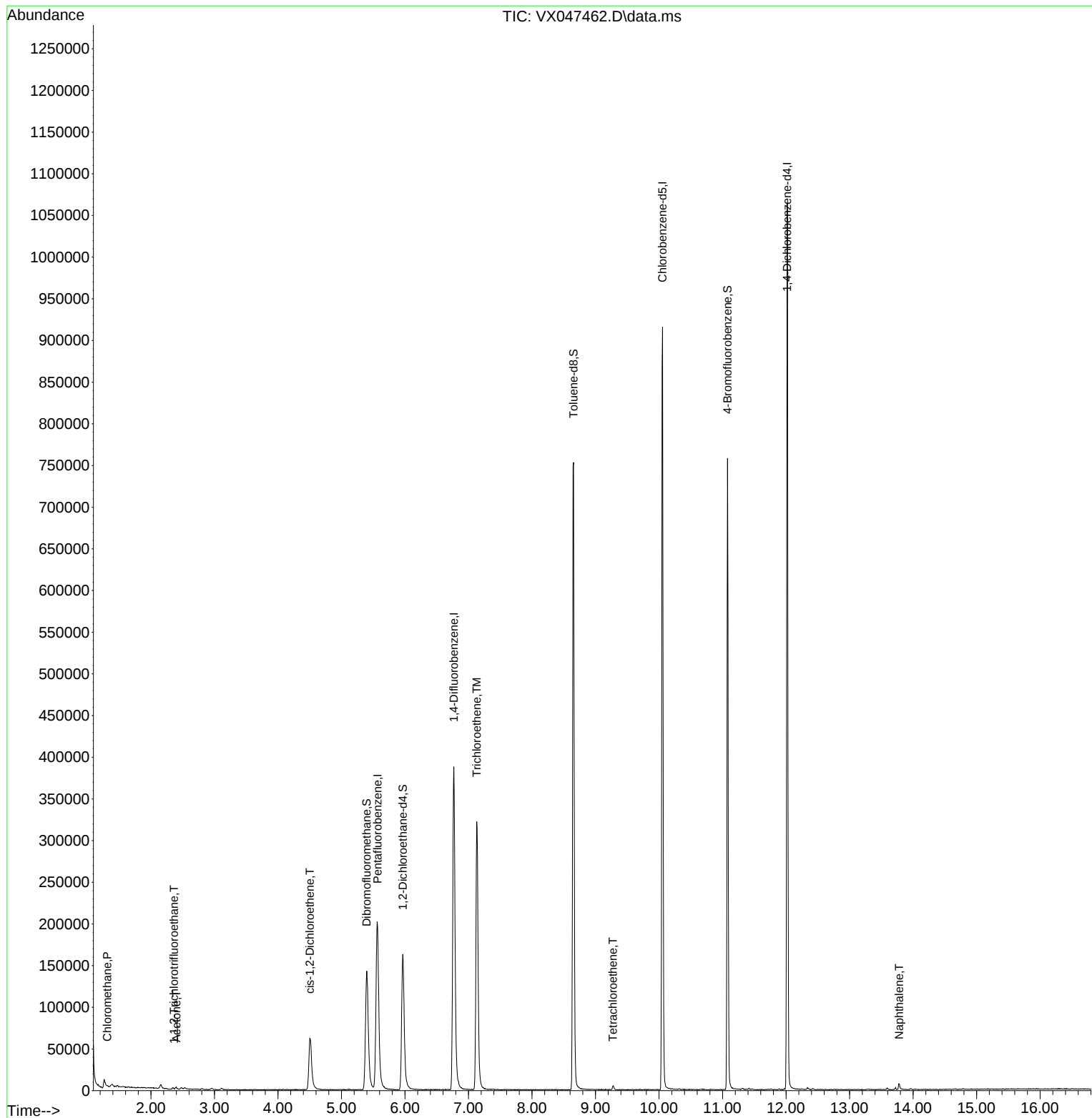
Internal Standards						
1) Pentafluorobenzene	5.568	168	206081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	418758	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	421107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	214194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	172517	59.815	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 119.640%#		
35) Dibromofluoromethane	5.397	113	137805	50.705	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.420%		
50) Toluene-d8	8.653	98	473569	48.751	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.500%		
62) 4-Bromofluorobenzene	11.079	95	202612	56.522	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 113.040%		
Target Compounds						
						Qvalue
3) Chloromethane	1.313	50	685	0.290	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.361	101	770	0.303	ug/l	89
16) Acetone	2.398	43	4044	3.730	ug/l #	79
27) cis-1,2-Dichloroethene	4.501	96	45426	14.162	ug/l	90
44) Trichloroethene	7.129	130	136522	41.520	ug/l	97
64) Tetrachloroethene	9.275	164	938	0.308	ug/l #	82
95) Naphthalene	13.780	128	6519	0.458	ug/l #	93

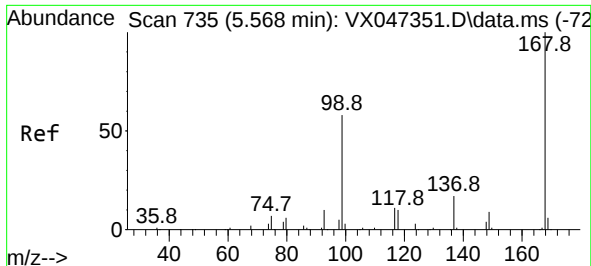
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082125\
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MW-01-6.5-081325

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Response via : Initial Calibration

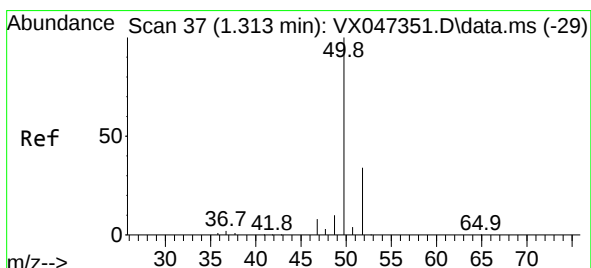
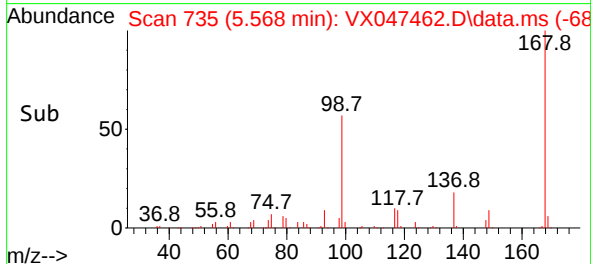
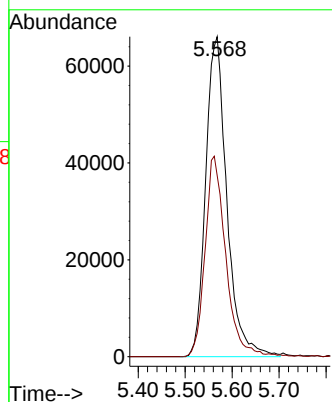
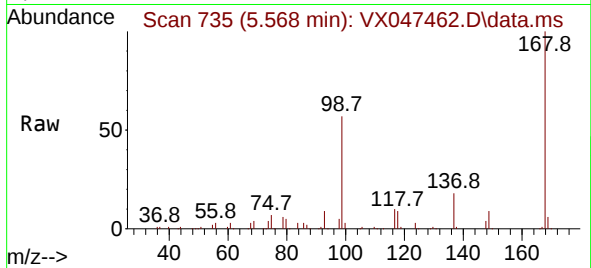




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047462.D
Acq: 21 Aug 2025 12:22

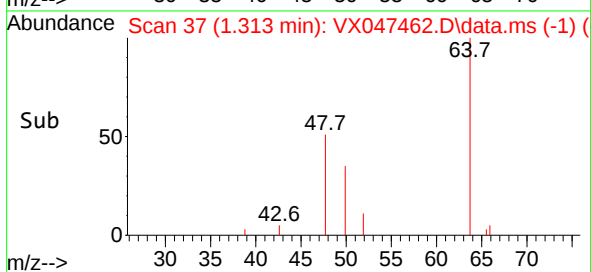
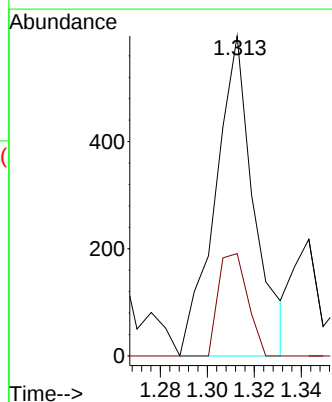
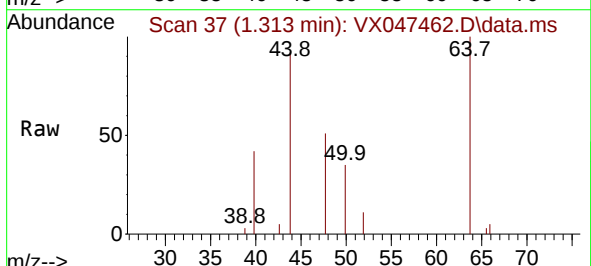
Instrument :
MSVOA_X
ClientSampleId :
MW-01-6.5-081325

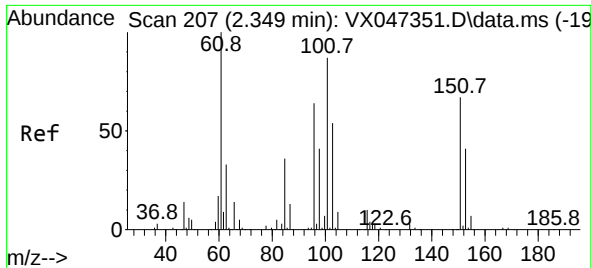
Tgt Ion:168 Resp: 206081
Ion Ratio Lower Upper
168 100
99 56.6 47.9 71.9



#3
Chloromethane
Concen: 0.290 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.000 min
Lab File: VX047462.D
Acq: 21 Aug 2025 12:22

Tgt Ion: 50 Resp: 685
Ion Ratio Lower Upper
50 100
52 32.0 27.0 40.4

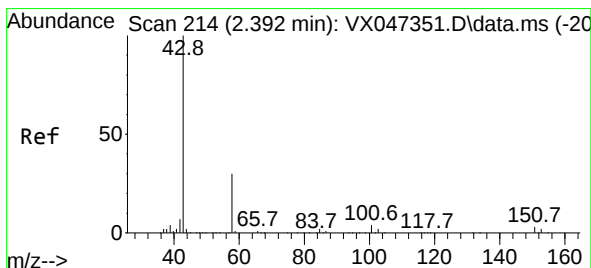
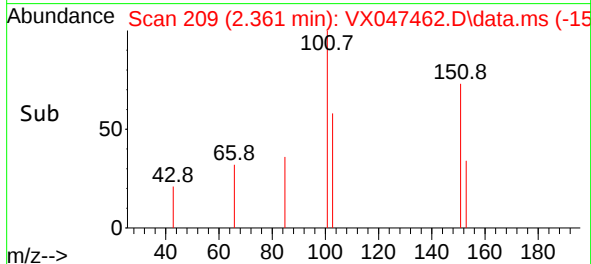
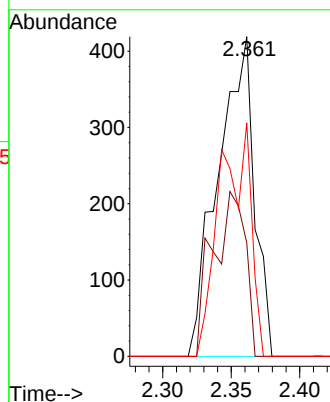
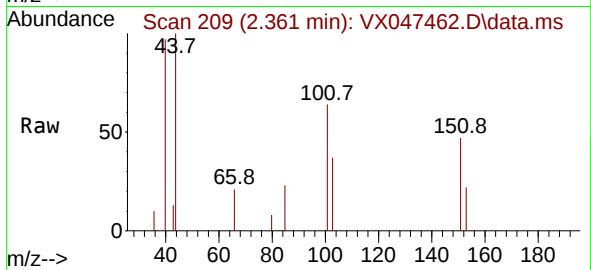




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.303 ug/l
RT: 2.361 min Scan# 209
Delta R.T. 0.012 min
Lab File: VX047462.D
Acq: 21 Aug 2025 12:22

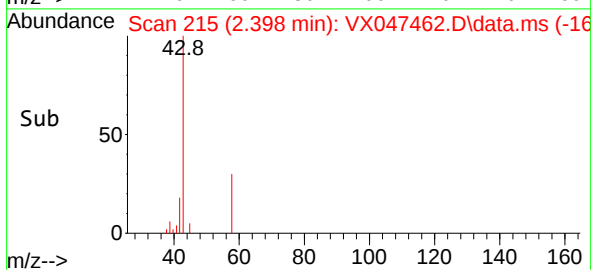
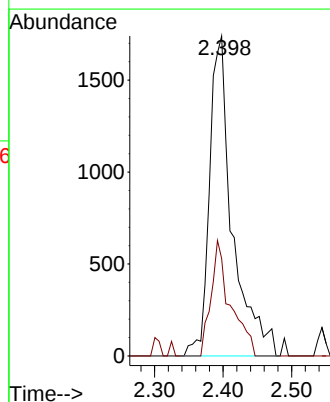
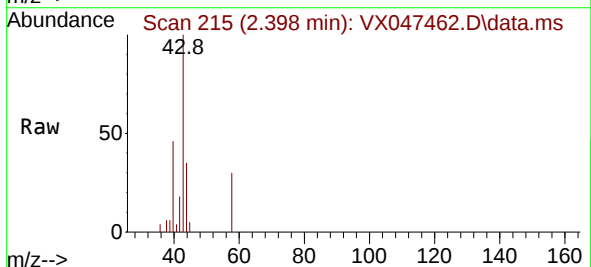
Instrument :
MSVOA_X
ClientSampleId :
MW-01-6.5-081325

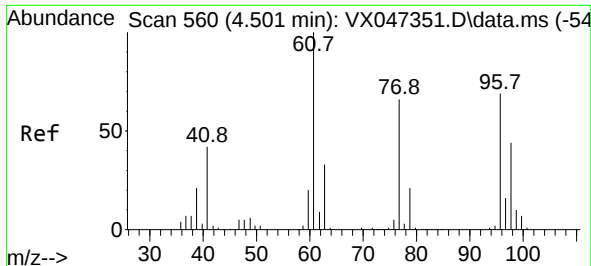
Tgt Ion:101 Resp: 770
Ion Ratio Lower Upper
101 100
85 46.4 34.3 51.5
151 62.6 59.2 88.8



#16
Acetone
Concen: 3.730 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX047462.D
Acq: 21 Aug 2025 12:22

Tgt Ion: 43 Resp: 4044
Ion Ratio Lower Upper
43 100
58 42.4 24.8 37.2#





#27

cis-1,2-Dichloroethene

Concen: 14.162 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.000 min

Lab File: VX047462.D

Acq: 21 Aug 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

MW-01-6.5-081325

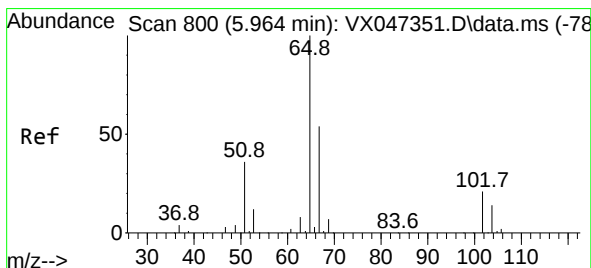
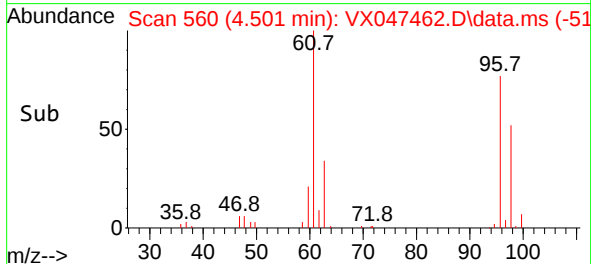
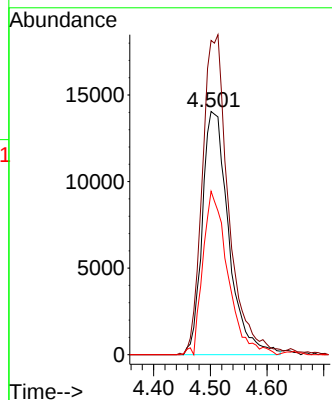
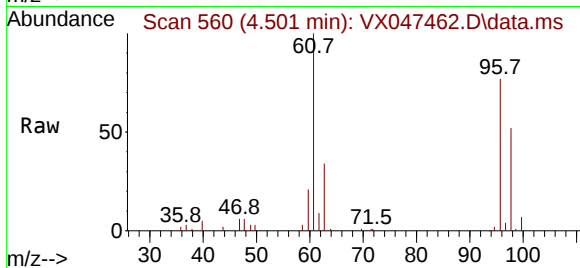
Tgt Ion: 96 Resp: 45426

Ion Ratio Lower Upper

96 100

61 130.6 0.0 296.6

98 63.5 0.0 130.4



#33

1,2-Dichloroethane-d4

Concen: 59.815 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047462.D

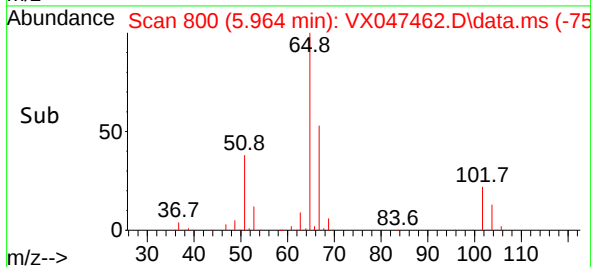
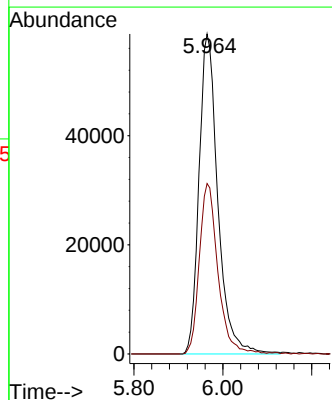
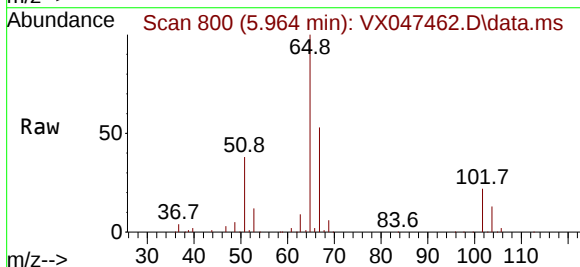
Acq: 21 Aug 2025 12:22

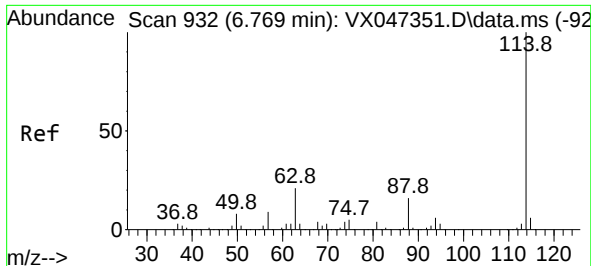
Tgt Ion: 65 Resp: 172517

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.0

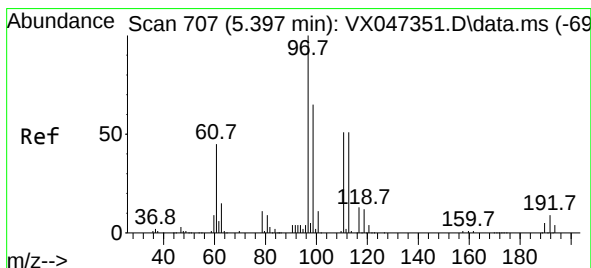
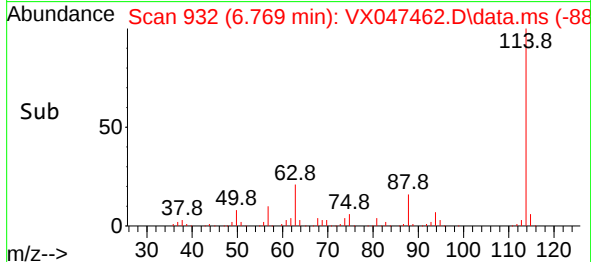
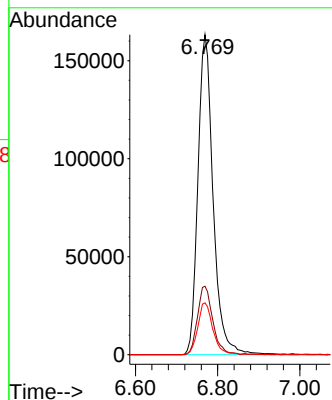
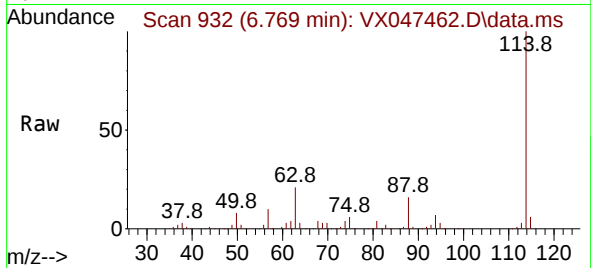




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047462.D
Acq: 21 Aug 2025 12:22

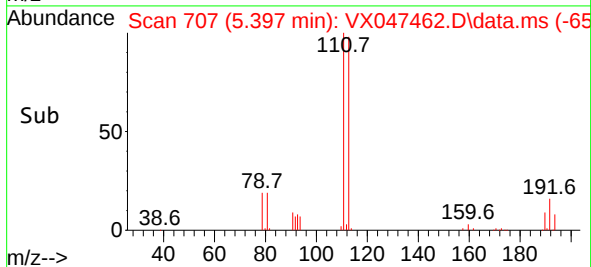
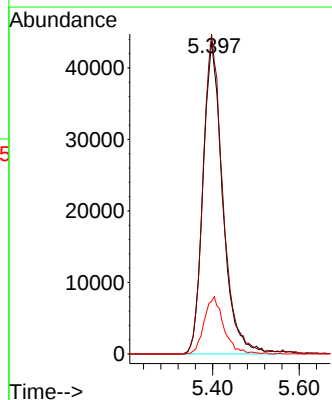
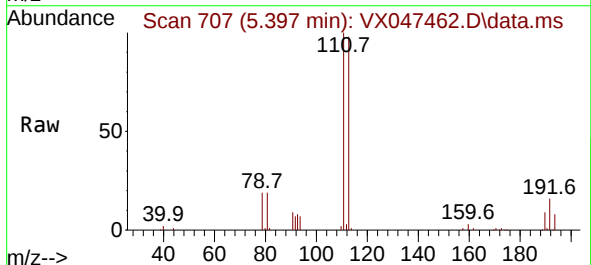
Instrument :
MSVOA_X
ClientSampleId :
MW-01-6.5-081325

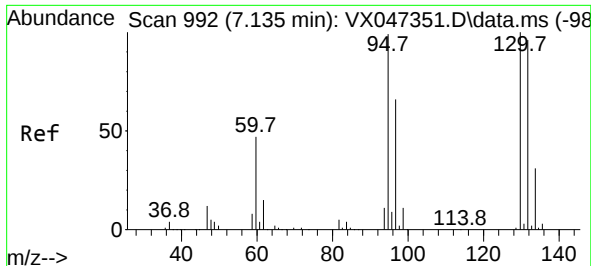
Tgt Ion:114 Resp: 418758
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.4
88 16.2 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.705 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047462.D
Acq: 21 Aug 2025 12:22

Tgt Ion:113 Resp: 137805
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.2
192 18.0 14.1 21.1

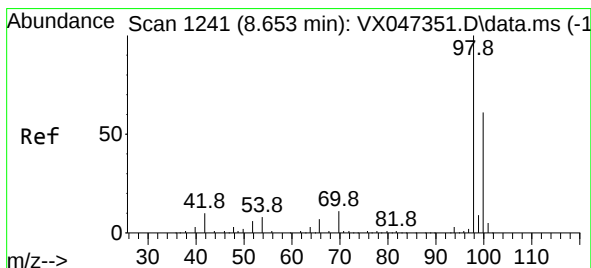
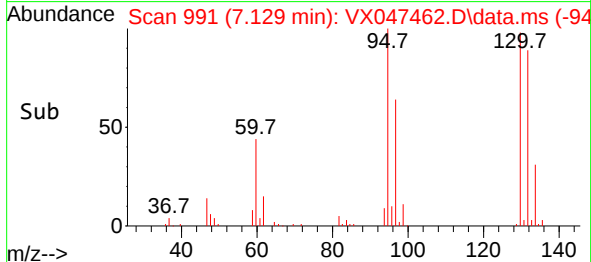
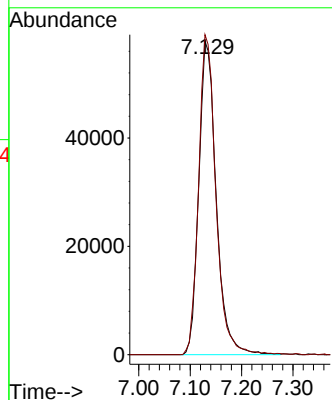
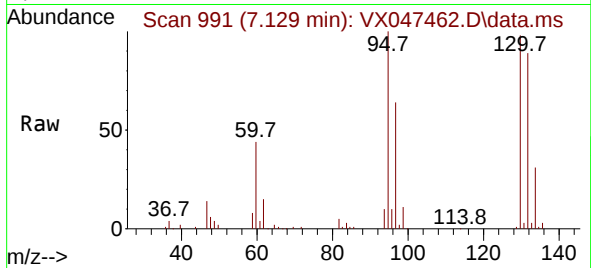




#44
 Trichloroethene
 Concen: 41.520 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. -0.006 min
 Lab File: VX047462.D
 Acq: 21 Aug 2025 12:22

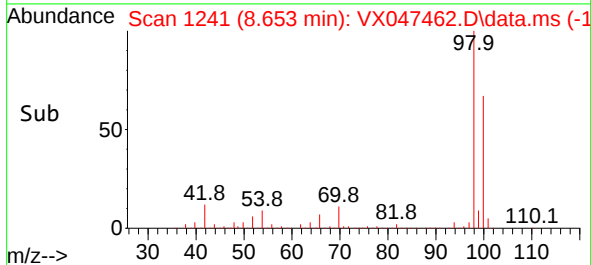
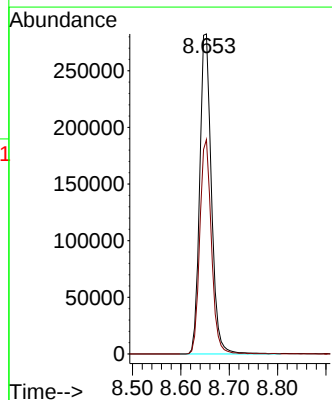
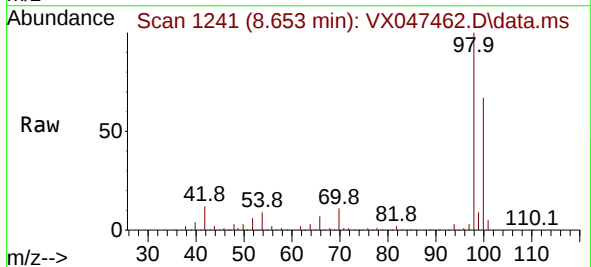
Instrument :
 MSVOA_X
 ClientSampleId :
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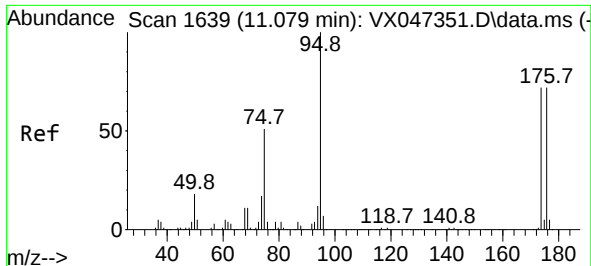
Tgt Ion:130 Resp: 136522
 Ion Ratio Lower Upper
 130 100
 95 102.1 0.0 198.6



#50
 Toluene-d8
 Concen: 48.751 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. 0.000 min
 Lab File: VX047462.D
 Acq: 21 Aug 2025 12:22

Tgt Ion: 98 Resp: 473569
 Ion Ratio Lower Upper
 98 100
 100 66.5 53.9 80.9





#62

4-Bromofluorobenzene

Concen: 56.522 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047462.D

Acq: 21 Aug 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

MW-01-6.5-081325

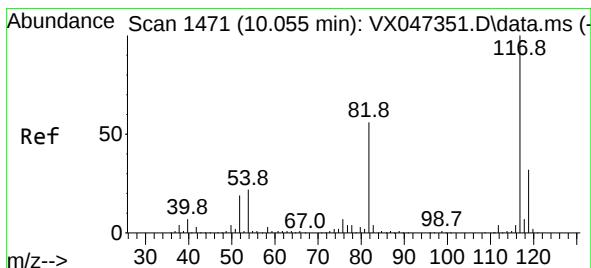
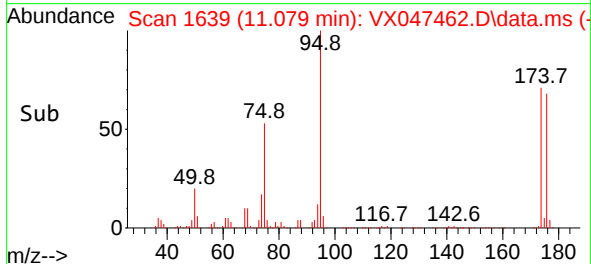
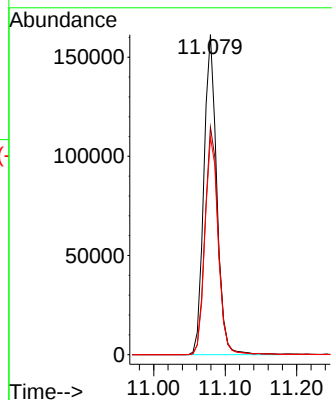
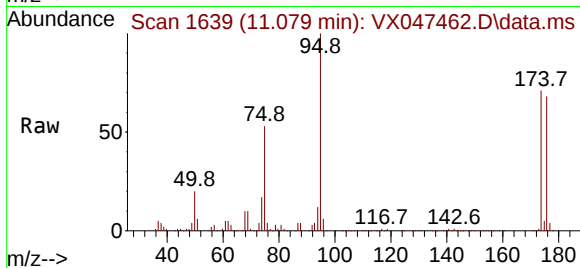
Tgt Ion: 95 Resp: 202612

Ion Ratio Lower Upper

95 100

174 73.5 0.0 148.0

176 70.5 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: VX047462.D

Acq: 21 Aug 2025 12:22

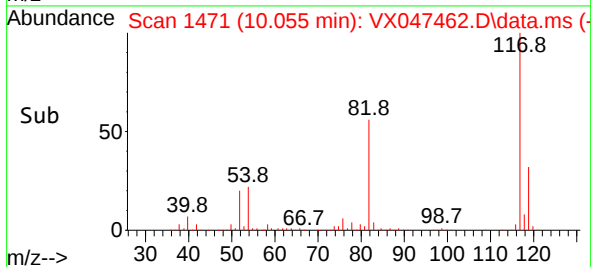
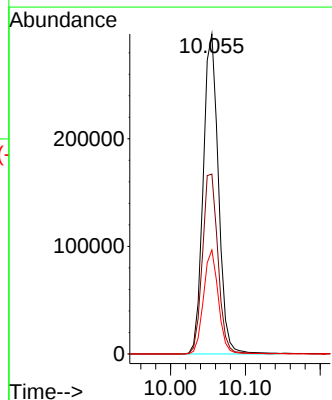
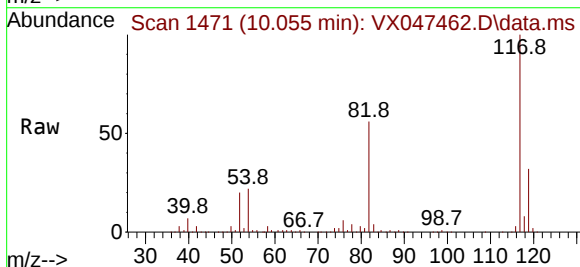
Tgt Ion: 117 Resp: 421107

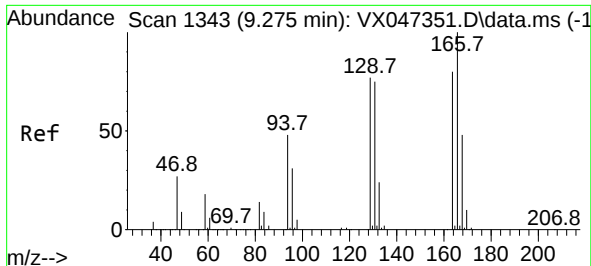
Ion Ratio Lower Upper

117 100

82 56.2 45.0 67.4

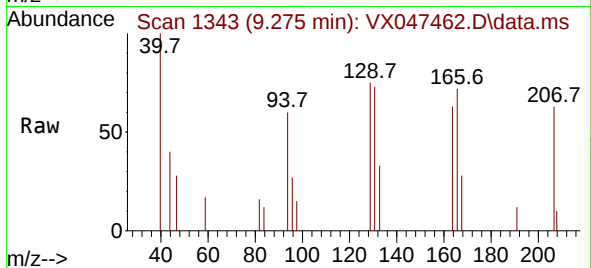
119 32.5 25.8 38.8





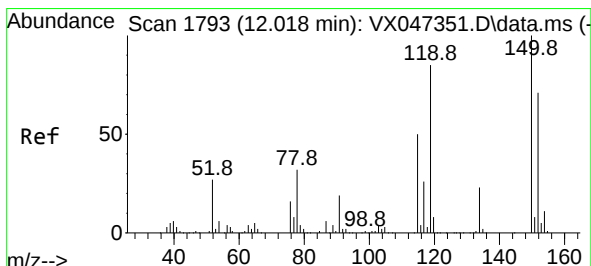
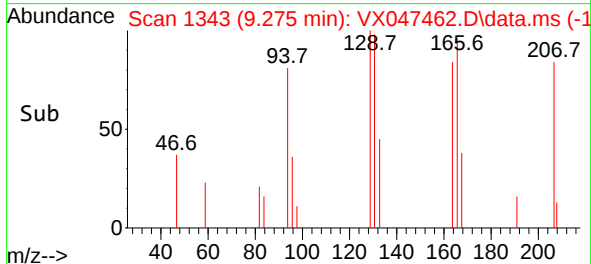
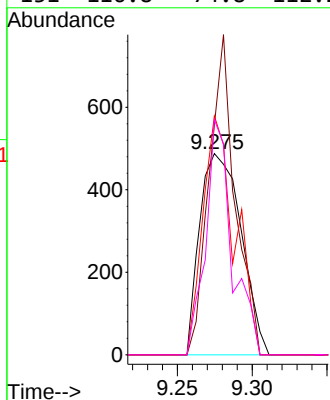
#64
Tetrachloroethene
Concen: 0.308 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047462.D
Acq: 21 Aug 2025 12:22

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 938

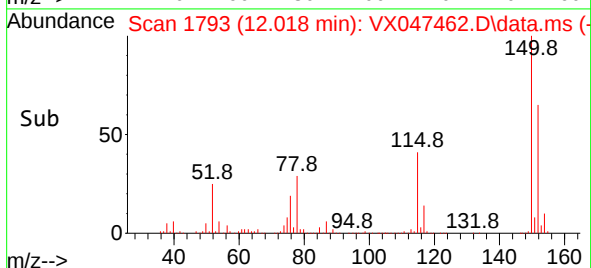
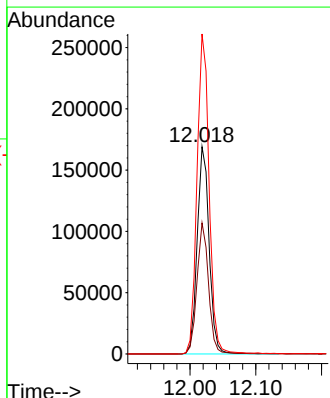
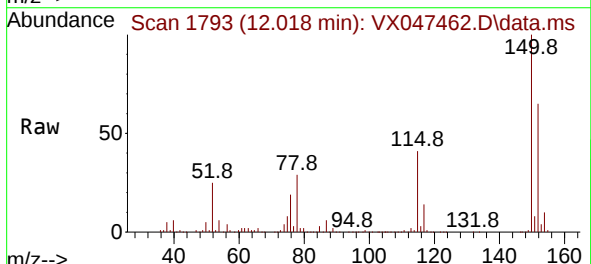
Ion	Ratio	Lower	Upper
164	100		
166	113.9	100.3	150.5
129	118.6	77.7	116.5#
131	116.8	74.8	112.2#

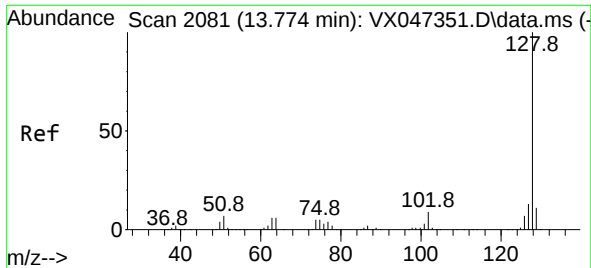


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047462.D
Acq: 21 Aug 2025 12:22

Tgt Ion:152 Resp: 214194

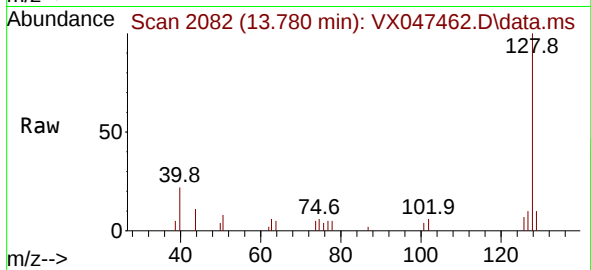
Ion	Ratio	Lower	Upper
152	100		
115	61.5	44.6	133.8
150	156.5	0.0	349.8





#95
Naphthalene
Concen: 0.458 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX047462.D
Acq: 21 Aug 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
MW-01-6.5-081325



Tgt Ion:128 Resp: 6519
Ion Ratio Lower Upper
128 100
127 8.3 10.1 15.1#
129 10.0 8.7 13.1

