

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
 Data File : VX047915.D
 Acq On : 30 Sep 2025 16:42
 Operator : JC/MD
 Sample : Q3193-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT172S1-20250923

Quant Time: Oct 01 01:13:53 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)

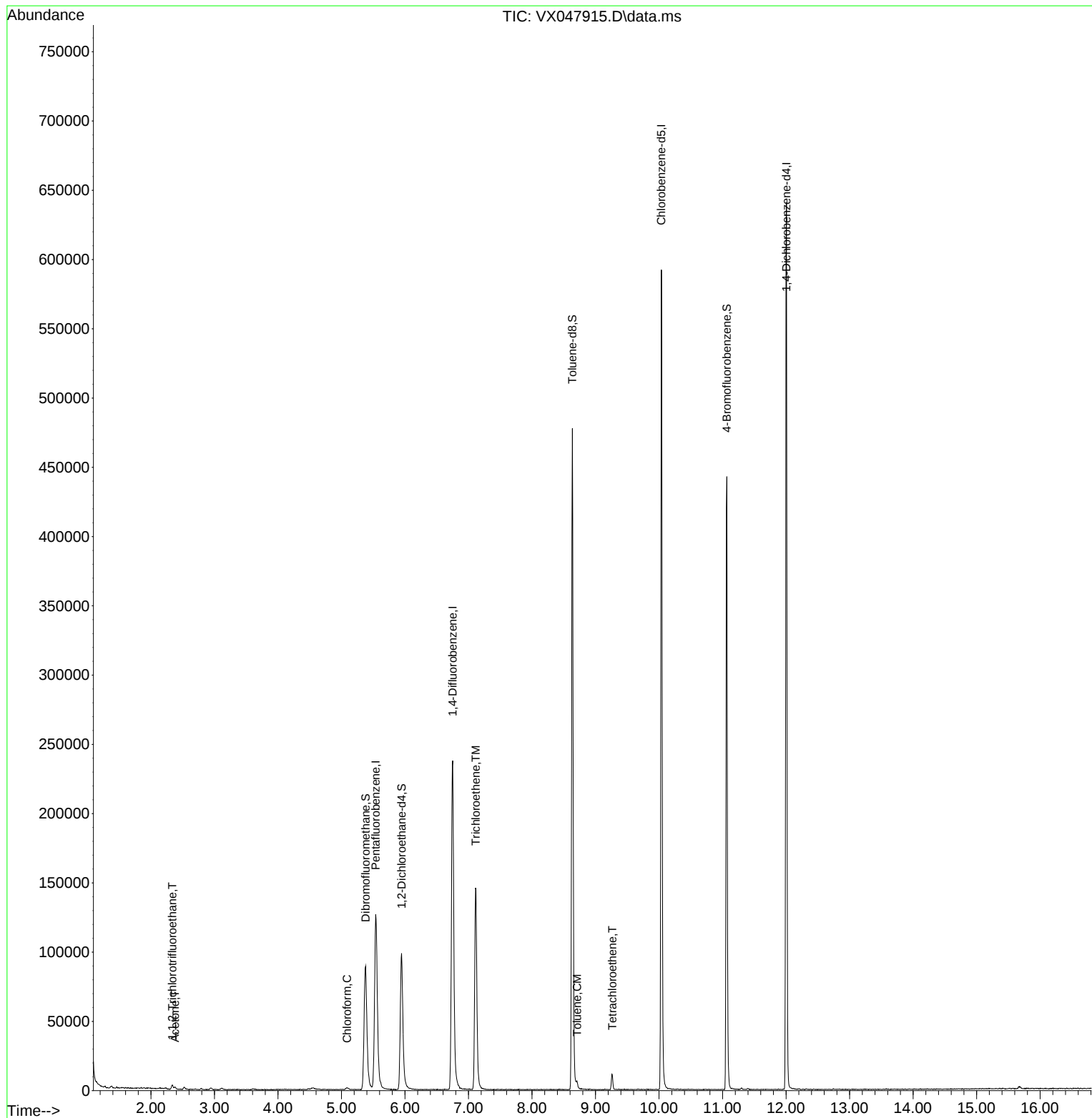
Internal Standards						
1) Pentafluorobenzene	5.538	168	127218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	261544	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	269532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	137318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	105945	52.319	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.640%		
35) Dibromofluoromethane	5.379	113	87443	49.852	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.700%		
50) Toluene-d8	8.635	98	295035	48.610	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.220%		
62) 4-Bromofluorobenzene	11.067	95	126139	54.761	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 109.520%		
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	1453	0.987	ug/l #	92
16) Acetone	2.380	43	2123	2.411	ug/l	96
30) Chloroform	5.087	83	1718	0.529	ug/l	96
44) Trichloroethene	7.117	130	62159	33.027	ug/l	94
52) Toluene	8.708	92	1566	0.327	ug/l	99
64) Tetrachloroethene	9.263	164	2570	1.463	ug/l #	76

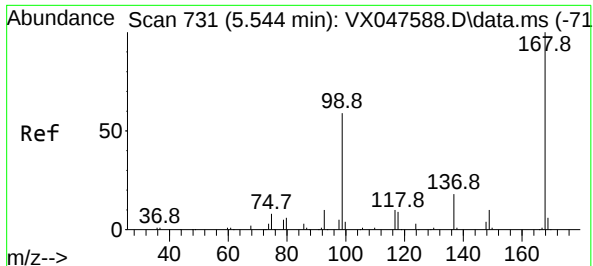
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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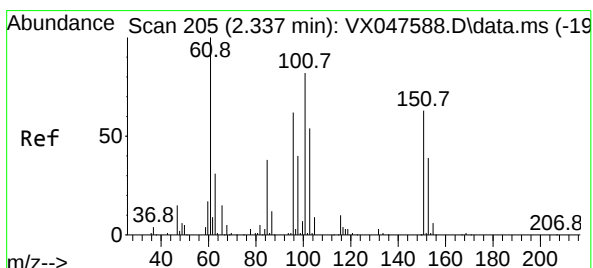
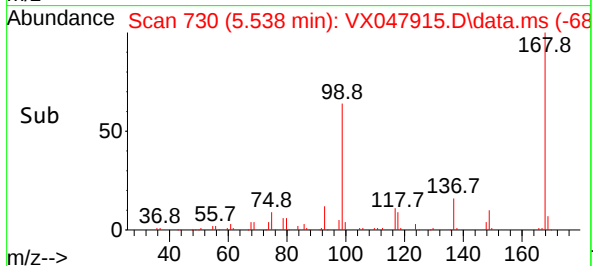
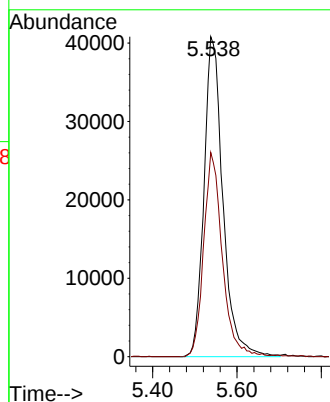
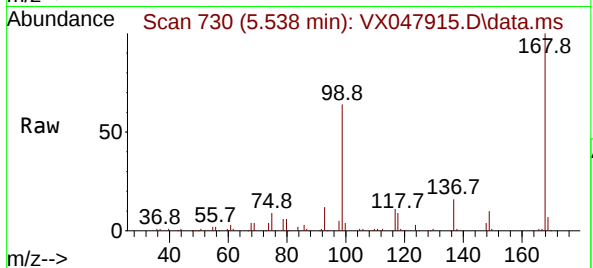




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047915.D
Acq: 30 Sep 2025 16:42

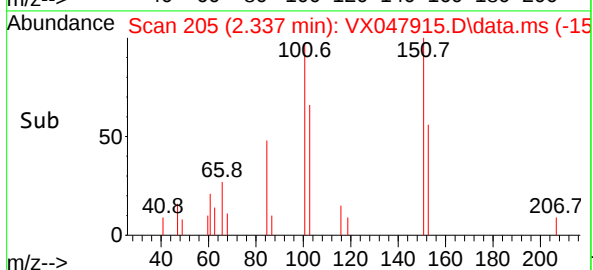
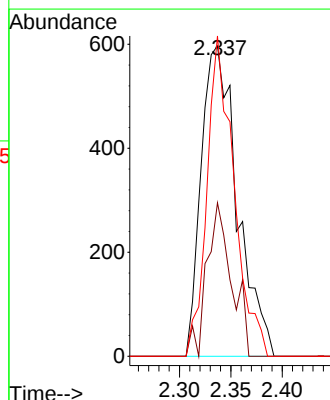
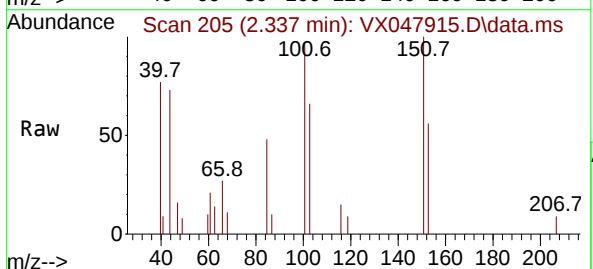
Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20250923

Tgt Ion:168 Resp: 127218
Ion Ratio Lower Upper
168 100
99 63.8 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.987 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047915.D
Acq: 30 Sep 2025 16:42

Tgt Ion:101 Resp: 1453
Ion Ratio Lower Upper
101 100
85 33.9 35.5 53.3#
151 77.4 59.4 89.0

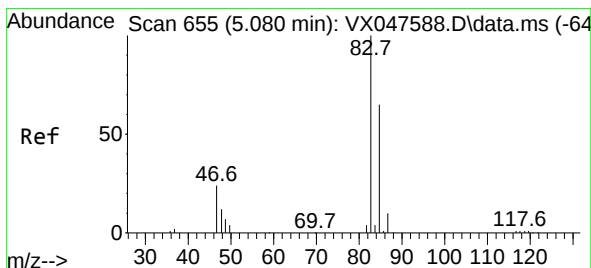
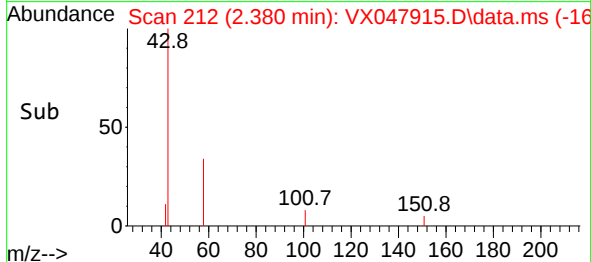
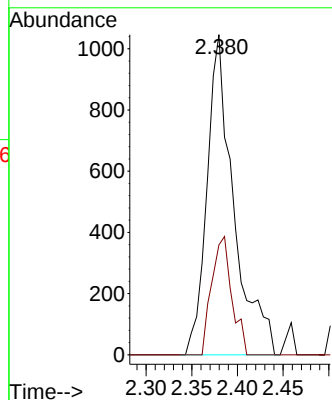
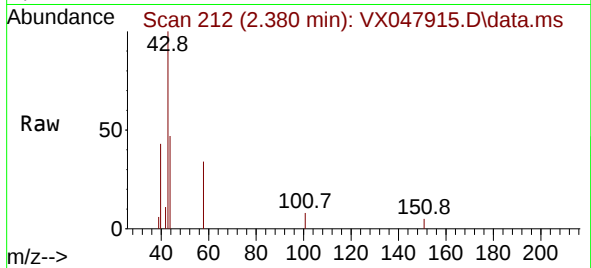




#16
Acetone
Concen: 2.411 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047915.D
Acq: 30 Sep 2025 16:42

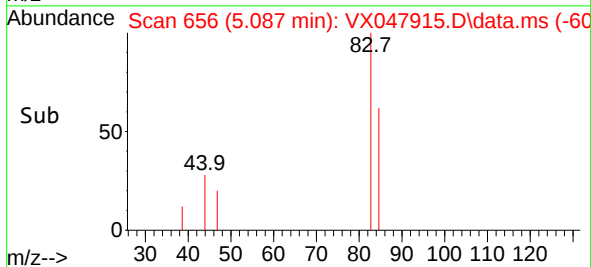
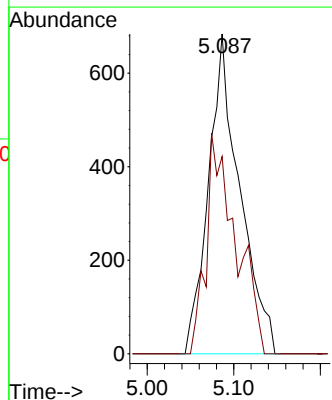
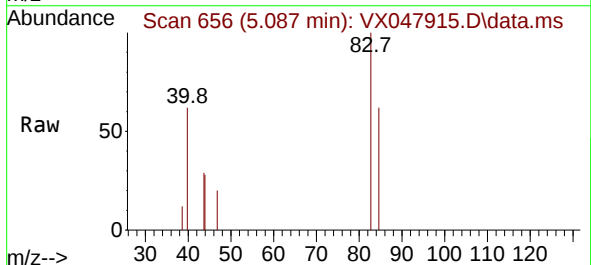
Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20250923

Tgt Ion: 43 Resp: 2123
Ion Ratio Lower Upper
43 100
58 31.3 23.4 35.0



#30
Chloroform
Concen: 0.529 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX047915.D
Acq: 30 Sep 2025 16:42

Tgt Ion: 83 Resp: 1718
Ion Ratio Lower Upper
83 100
85 61.7 51.8 77.6





#33

1,2-Dichloroethane-d4

Concen: 52.319 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047915.D

Acq: 30 Sep 2025 16:42

Instrument :

MSVOA_X

ClientSampleId :

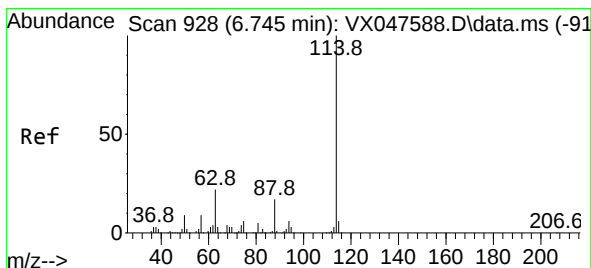
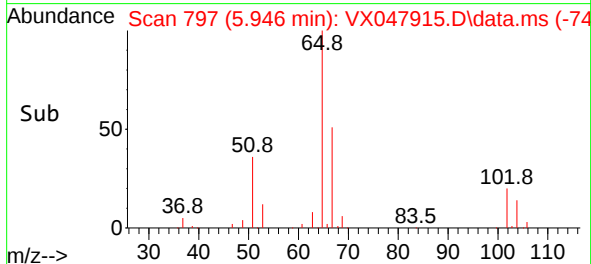
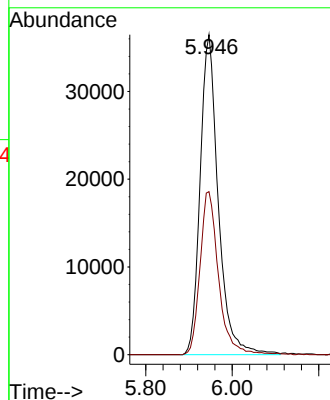
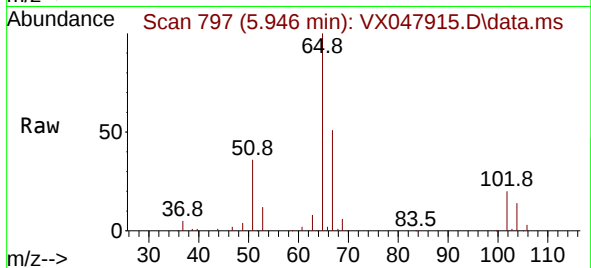
TT172S1-20250923

Tgt Ion: 65 Resp: 105945

Ion Ratio Lower Upper

65 100

67 52.2 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: VX047915.D

Acq: 30 Sep 2025 16:42

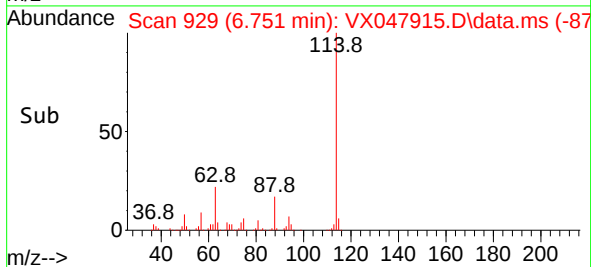
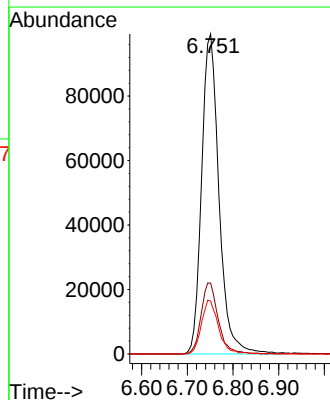
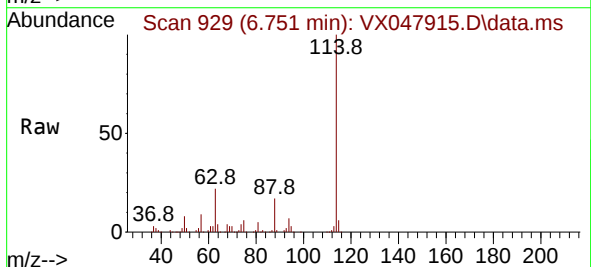
Tgt Ion: 114 Resp: 261544

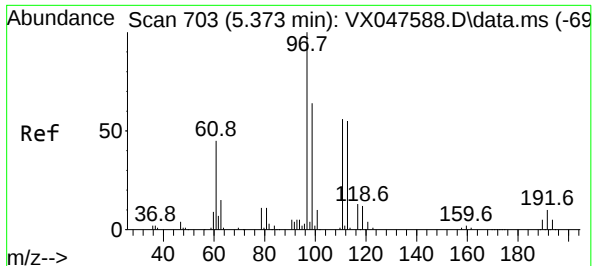
Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.0

88 16.6 0.0 34.2





#35

Dibromofluoromethane

Concen: 49.852 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX047915.D

Acq: 30 Sep 2025 16:42

Instrument :

MSVOA_X

ClientSampleId :

TT172S1-20250923

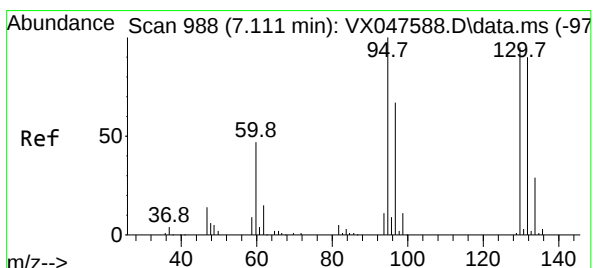
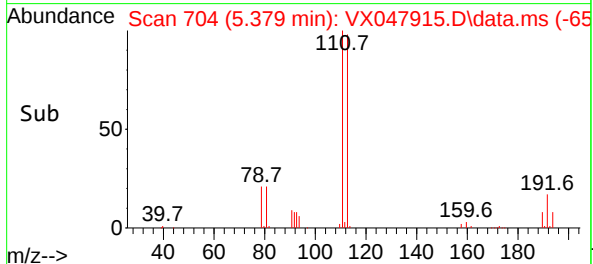
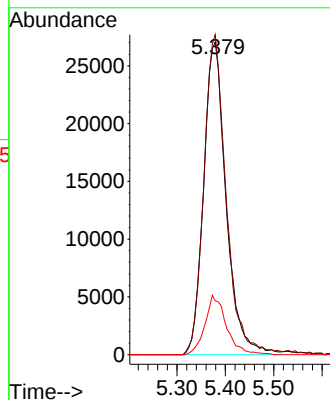
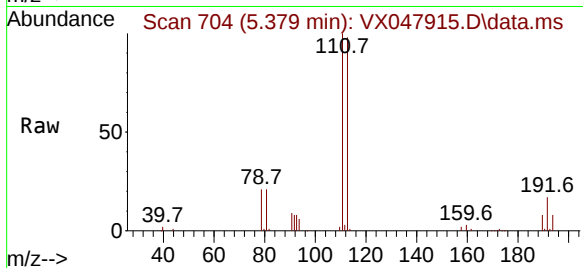
Tgt Ion:113 Resp: 87443

Ion Ratio Lower Upper

113 100

111 101.6 80.9 121.3

192 18.2 14.2 21.4



#44

Trichloroethene

Concen: 33.027 ug/l

RT: 7.117 min Scan# 989

Delta R.T. 0.006 min

Lab File: VX047915.D

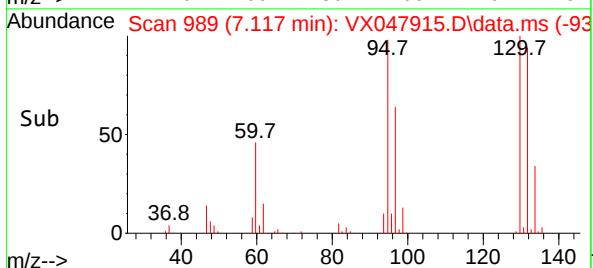
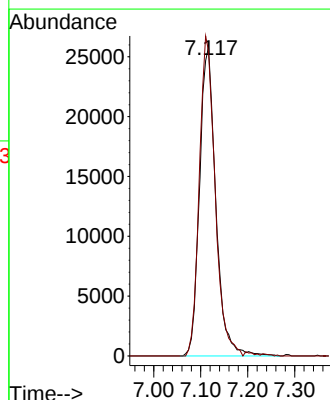
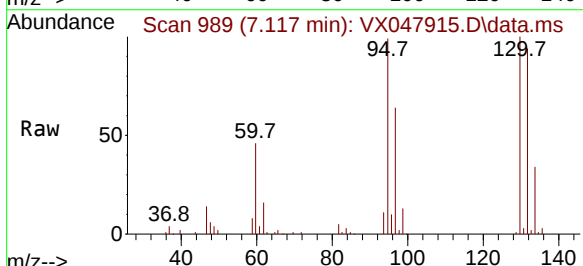
Acq: 30 Sep 2025 16:42

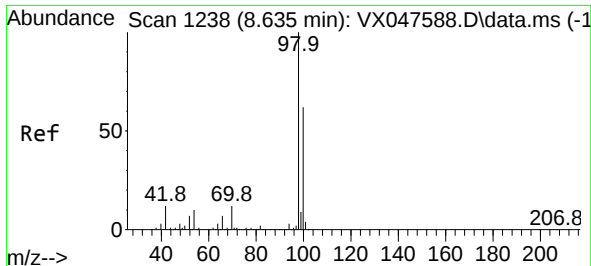
Tgt Ion:130 Resp: 62159

Ion Ratio Lower Upper

130 100

95 98.7 0.0 210.8

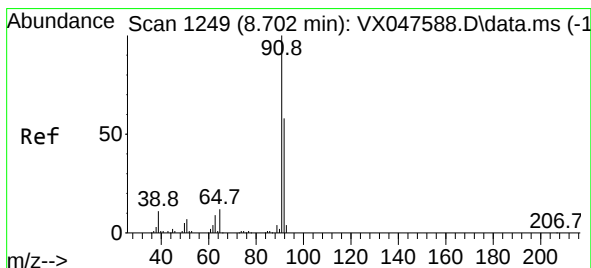
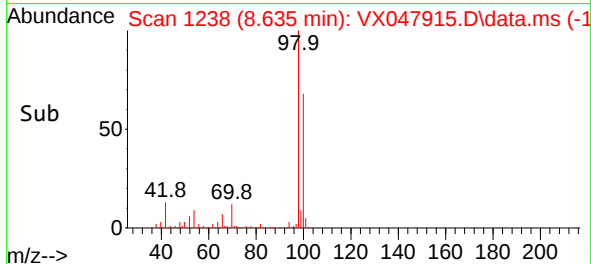
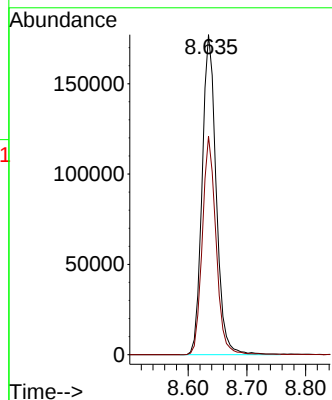
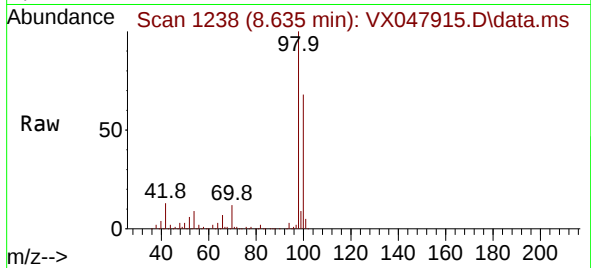




#50
Toluene-d8
Concen: 48.610 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047915.D
Acq: 30 Sep 2025 16:42

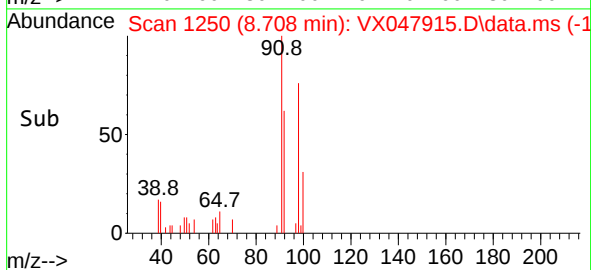
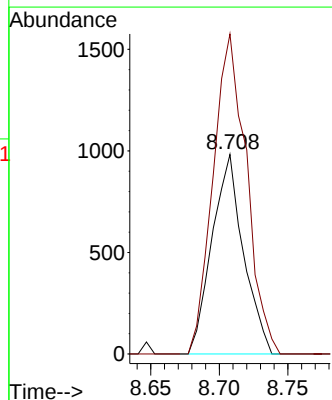
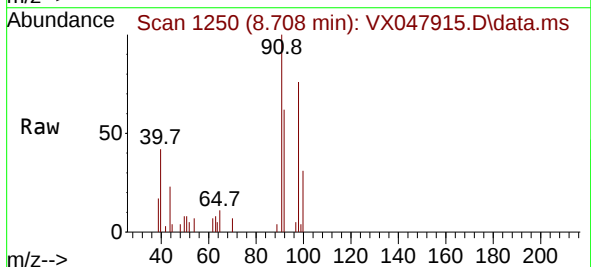
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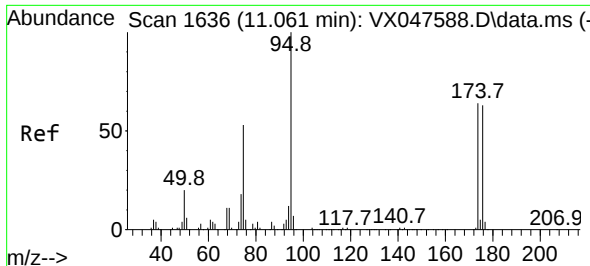
Tgt Ion: 98 Resp: 295035
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4



#52
Toluene
Concen: 0.327 ug/l
RT: 8.708 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VX047915.D
Acq: 30 Sep 2025 16:42

Tgt Ion: 92 Resp: 1566
Ion Ratio Lower Upper
92 100
91 170.2 137.1 205.7

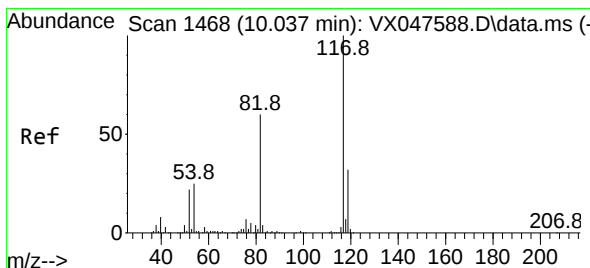
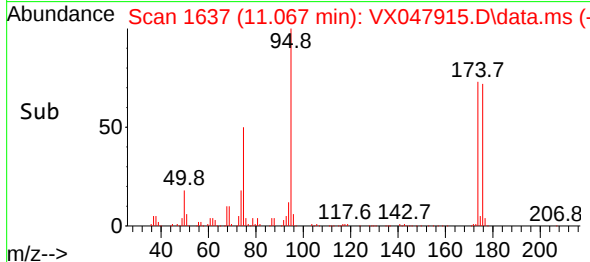
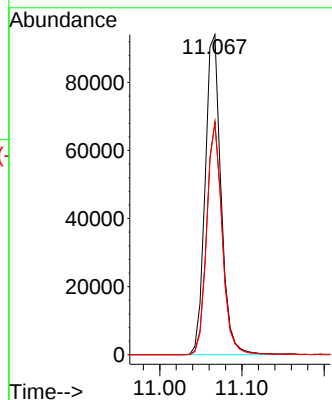
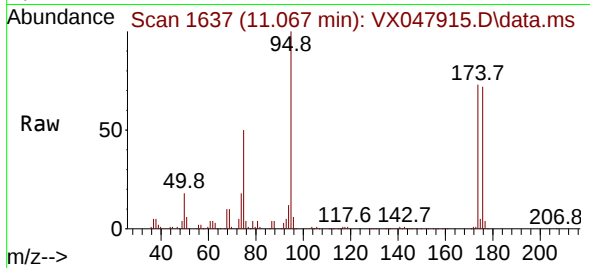




#62
4-Bromofluorobenzene
Concen: 54.761 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047915.D
Acq: 30 Sep 2025 16:42

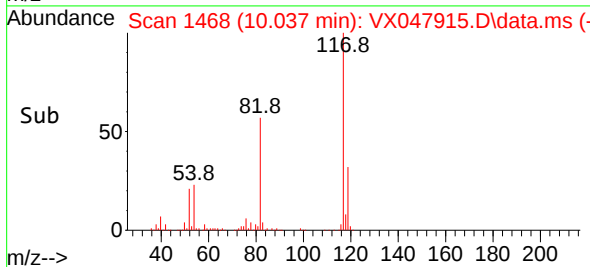
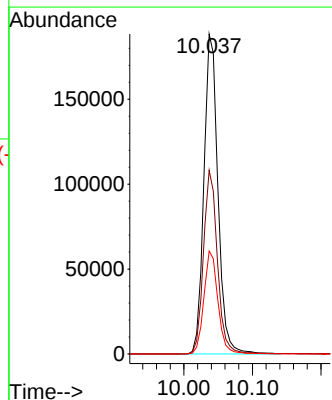
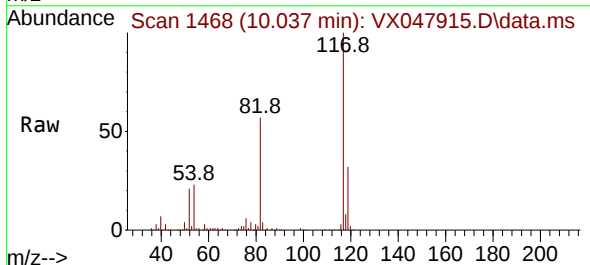
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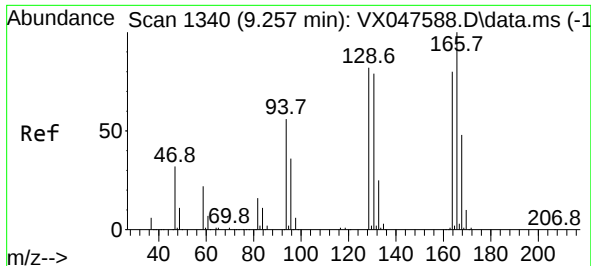
Tgt Ion: 95 Resp: 126139
Ion Ratio Lower Upper
95 100
174 71.9 0.0 141.6
176 70.1 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047915.D
Acq: 30 Sep 2025 16:42

Tgt Ion: 117 Resp: 269532
Ion Ratio Lower Upper
117 100
82 57.4 47.8 71.6
119 32.2 25.2 37.8

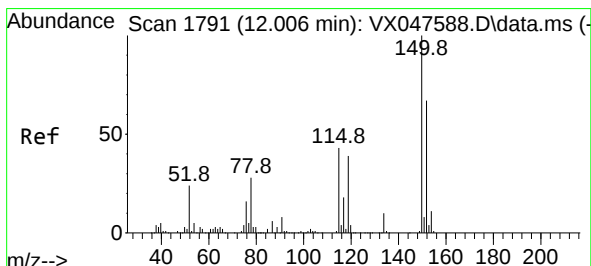
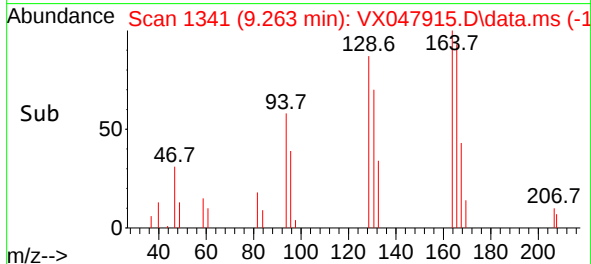
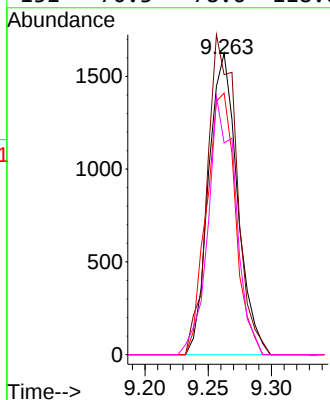
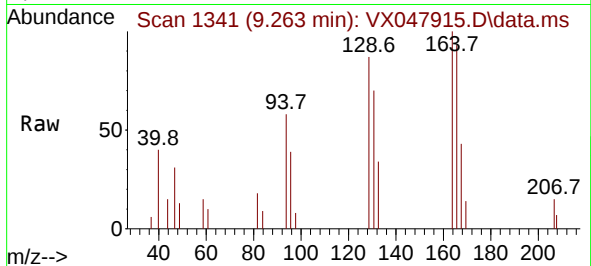




#64
Tetrachloroethene
Concen: 1.463 ug/l
RT: 9.263 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047915.D
Acq: 30 Sep 2025 16:42

Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20250923

Tgt Ion:164 Resp: 2570
Ion Ratio Lower Upper
164 100
166 92.9 100.2 150.2#
129 86.8 81.8 122.6
131 70.3 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: VX047915.D
Acq: 30 Sep 2025 16:42

Tgt Ion:152 Resp: 137318
Ion Ratio Lower Upper
152 100
115 62.0 44.9 134.5
150 154.9 0.0 352.0

