

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047739.D
 Acq On : 23 Sep 2025 17:16
 Operator : JC/MD
 Sample : Q3097-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20250912

Quant Time: Sep 24 01:36:43 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)

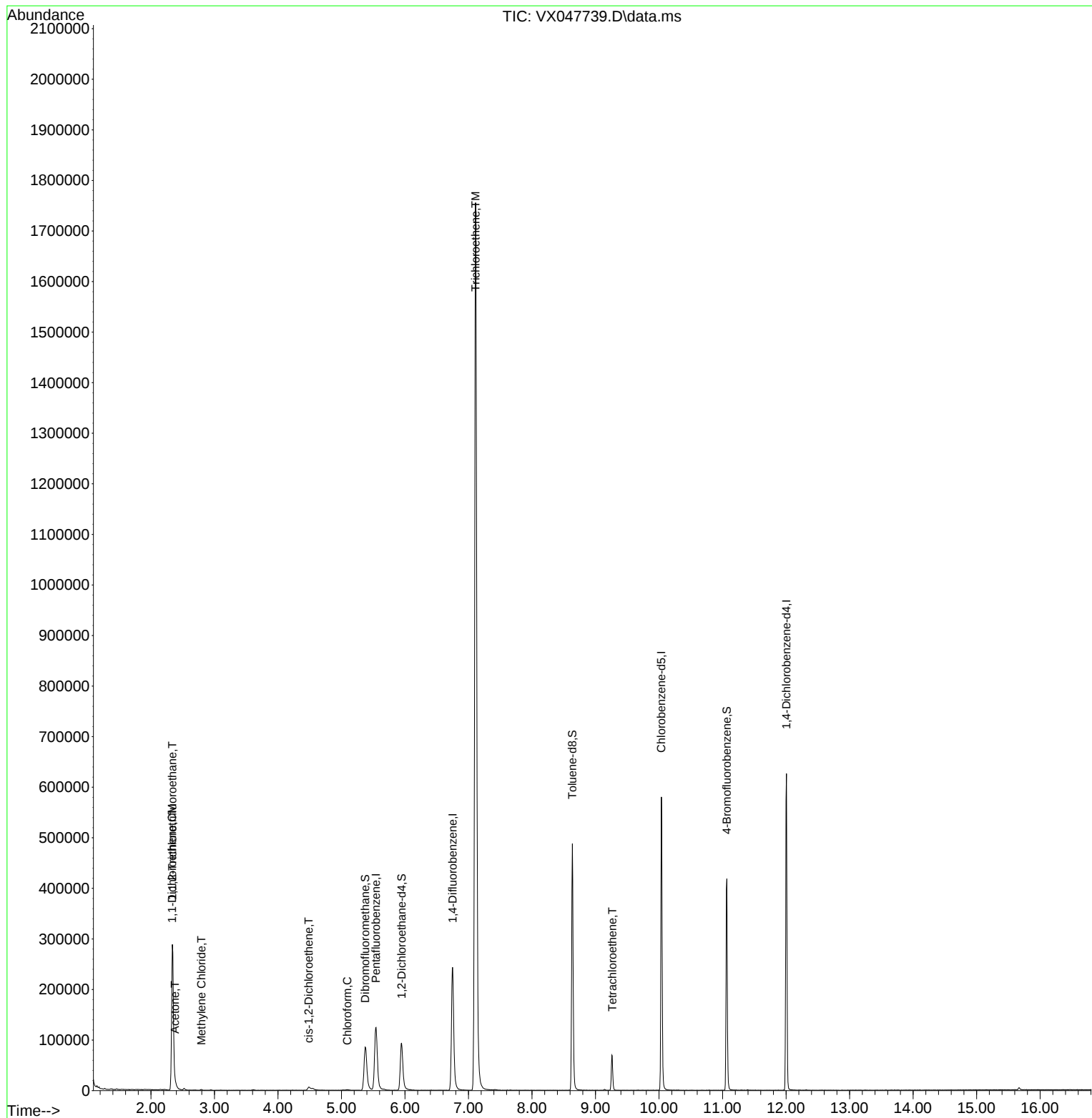
Internal Standards						
1) Pentafluorobenzene	5.544	168	127092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	268101	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	262928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	131853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	101743	50.294	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.580%		
35) Dibromofluoromethane	5.373	113	85074	47.315	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 94.640%		
50) Toluene-d8	8.635	98	294134	47.277	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 94.560%		
62) 4-Bromofluorobenzene	11.067	95	123190	52.173	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 104.340%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	134162	91.267	ug/l	98
12) 1,1-Dichloroethene	2.331	96	2423	1.605	ug/l	89
16) Acetone	2.380	43	2514	2.858	ug/l	99
20) Methylene Chloride	2.794	84	623	0.335	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	4376	2.198	ug/l	88
30) Chloroform	5.093	83	1604	0.495	ug/l	89
44) Trichloroethene	7.110	130	729005	377.869	ug/l	97
64) Tetrachloroethene	9.262	164	13766	8.031	ug/l	98

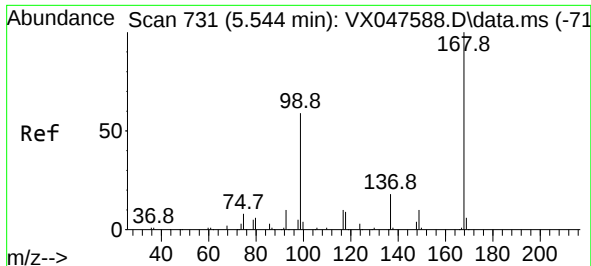
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE120D2-20250912

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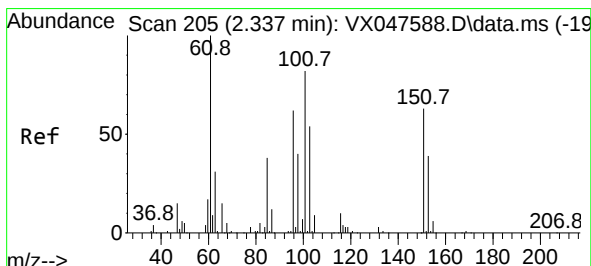
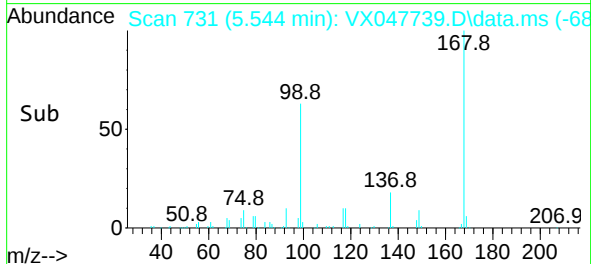
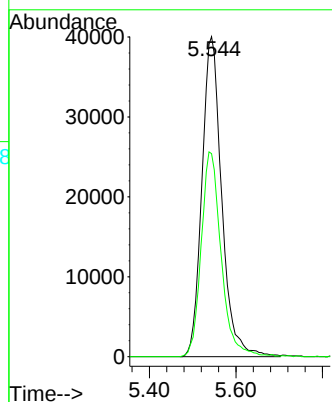
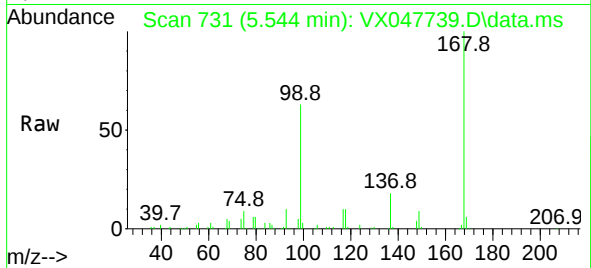




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047739.D
Acq: 23 Sep 2025 17:16

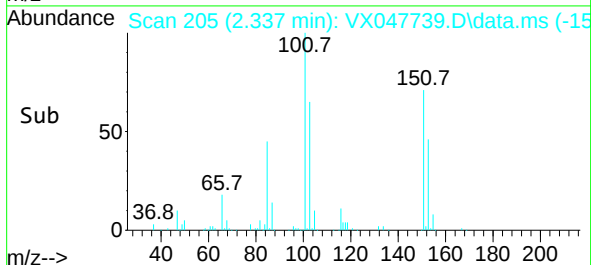
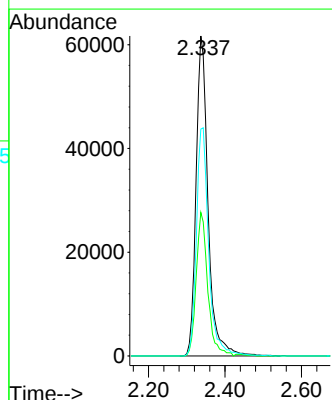
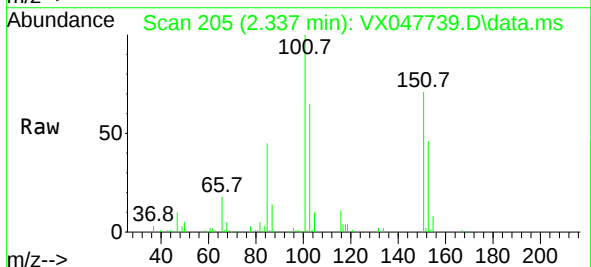
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20250912

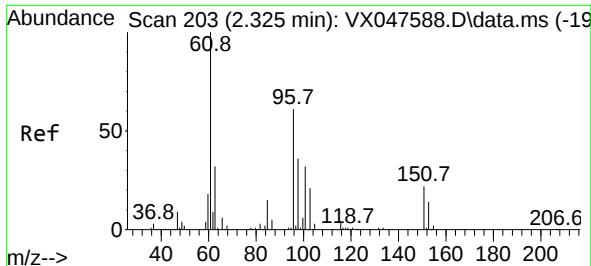
Tgt Ion:168 Resp: 127092
Ion Ratio Lower Upper
168 100
99 63.4 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 91.267 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047739.D
Acq: 23 Sep 2025 17:16

Tgt Ion:101 Resp: 134162
Ion Ratio Lower Upper
101 100
85 43.2 35.5 53.3
151 73.0 59.4 89.0





#12

1,1-Dichloroethene

Concen: 1.605 ug/l

RT: 2.331 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX047739.D

Acq: 23 Sep 2025 17:16

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20250912

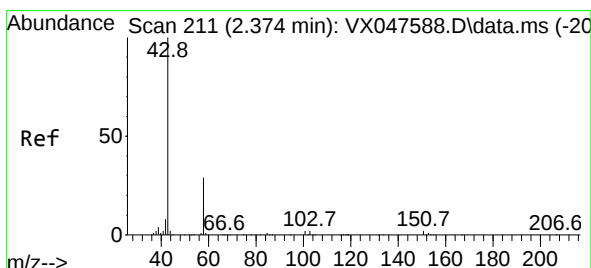
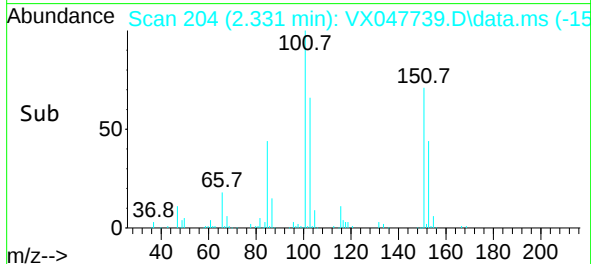
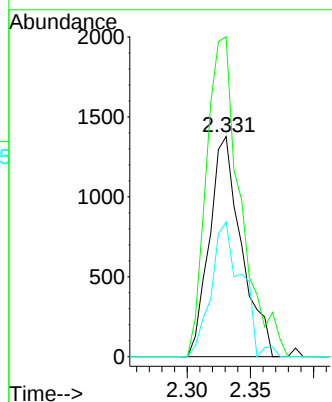
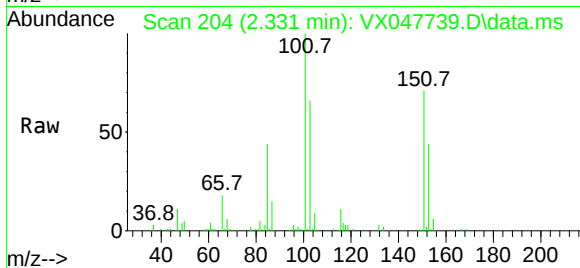
Tgt Ion: 96 Resp: 2423

Ion Ratio Lower Upper

96 100

61 145.4 131.0 196.6

98 61.3 47.7 71.5



#16

Acetone

Concen: 2.858 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX047739.D

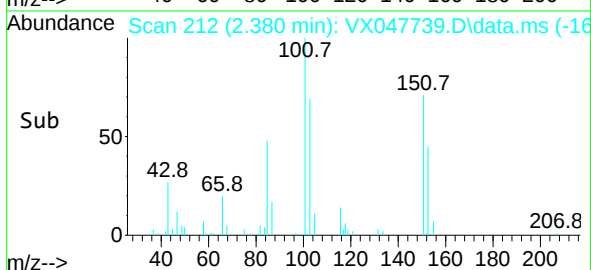
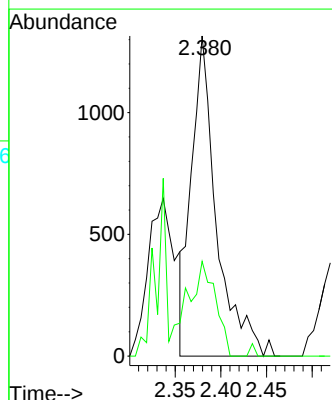
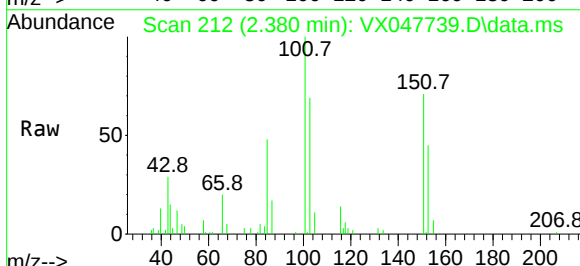
Acq: 23 Sep 2025 17:16

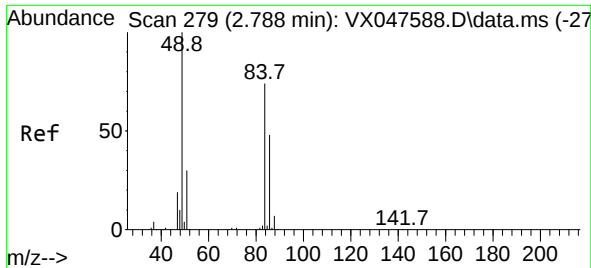
Tgt Ion: 43 Resp: 2514

Ion Ratio Lower Upper

43 100

58 29.6 23.4 35.0

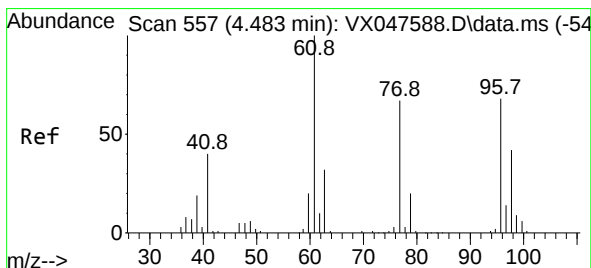
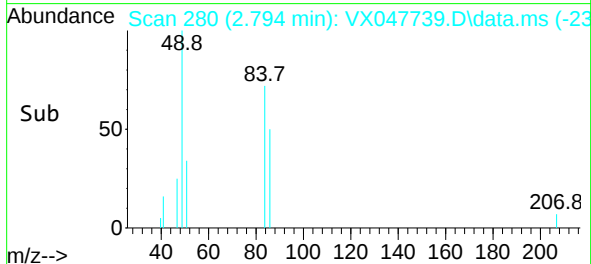
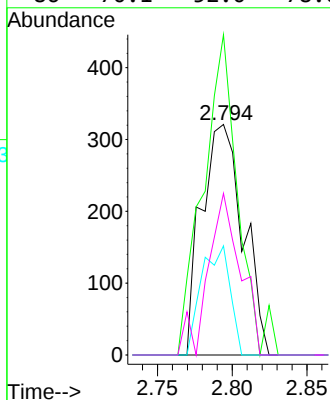
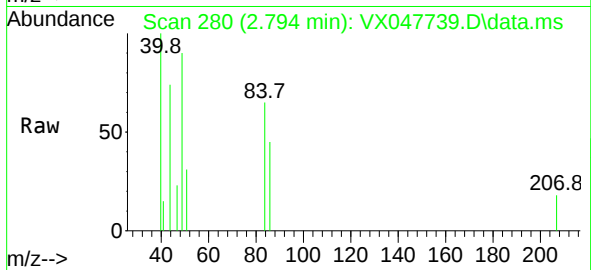




#20
Methylene Chloride
Concen: 0.335 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047739.D
Acq: 23 Sep 2025 17:16

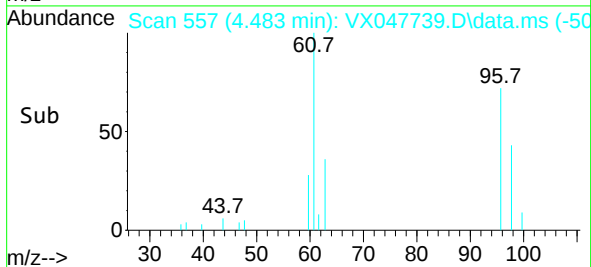
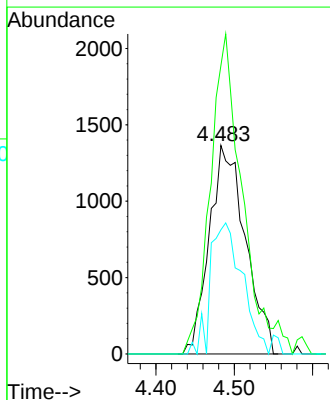
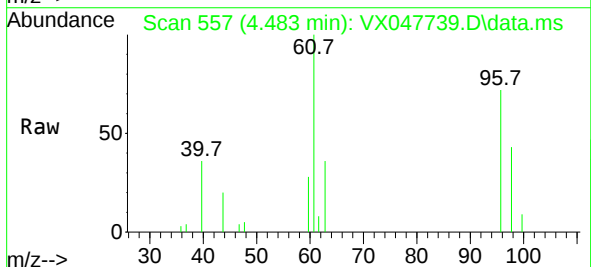
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20250912

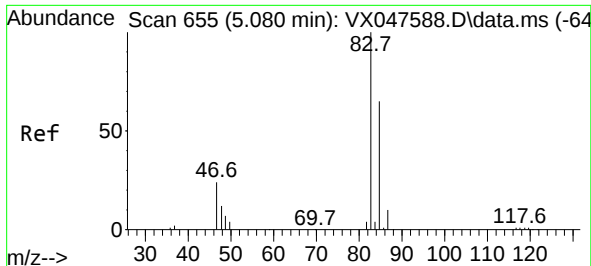
Tgt Ion:	84	Resp:	623
Ion	Ratio	Lower	Upper
84	100		
49	138.9	108.6	162.8
51	47.4	32.6	48.8
86	70.1	52.0	78.0



#27
cis-1,2-Dichloroethene
Concen: 2.198 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX047739.D
Acq: 23 Sep 2025 17:16

Tgt Ion:	96	Resp:	4376
Ion	Ratio	Lower	Upper
96	100		
61	135.7	0.0	303.2
98	55.1	0.0	127.8





#30

Chloroform

Concen: 0.495 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX047739.D

Acq: 23 Sep 2025 17:16

Instrument :

MSVOA_X

ClientSampleId :

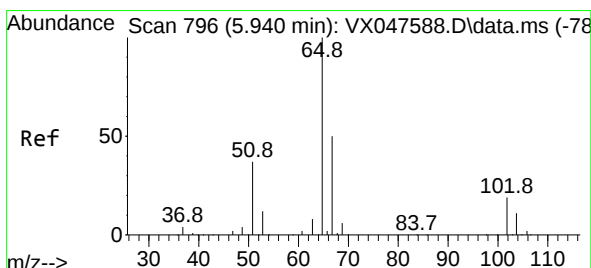
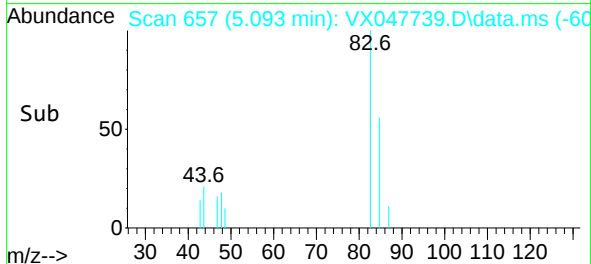
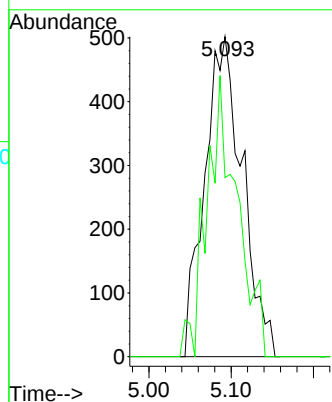
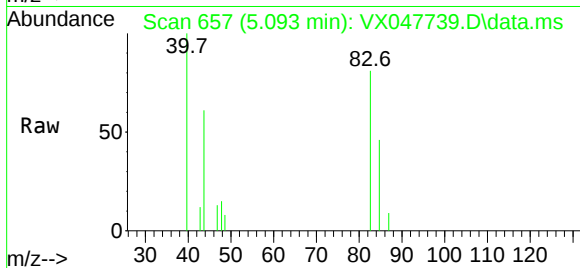
RE120D2-20250912

Tgt Ion: 83 Resp: 1604

Ion Ratio Lower Upper

83 100

85 56.0 51.8 77.6



#33

1,2-Dichloroethane-d4

Concen: 50.294 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX047739.D

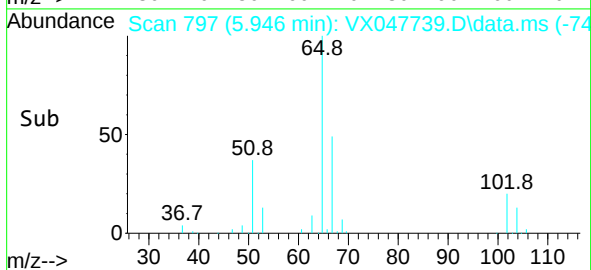
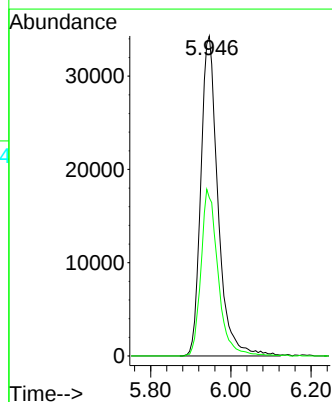
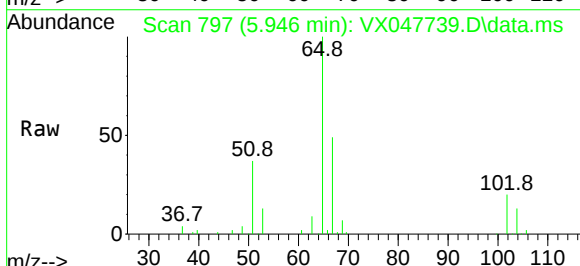
Acq: 23 Sep 2025 17:16

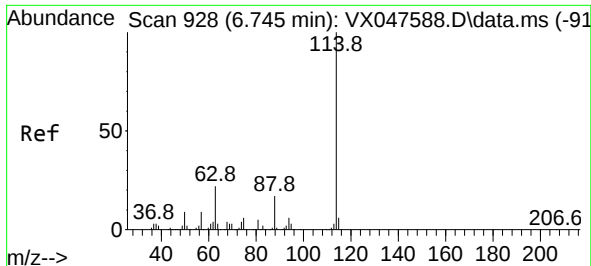
Tgt Ion: 65 Resp: 101743

Ion Ratio Lower Upper

65 100

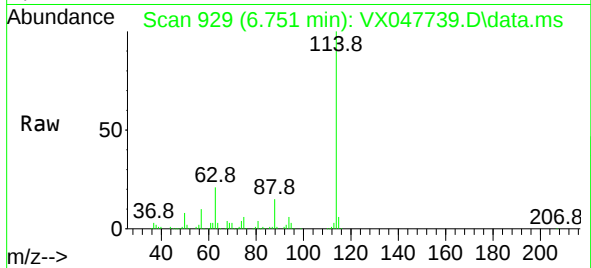
67 51.8 0.0 103.0



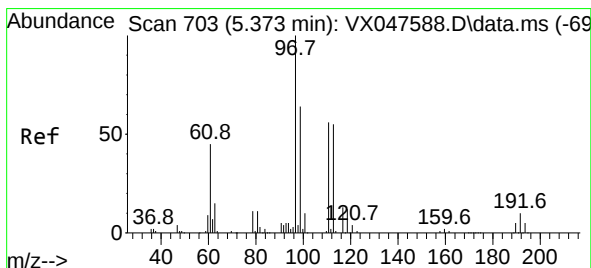
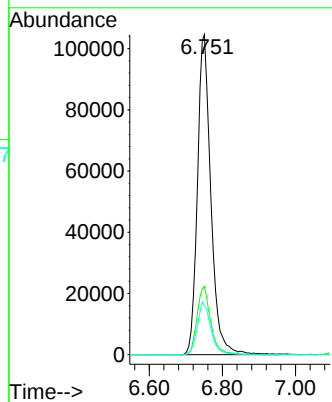
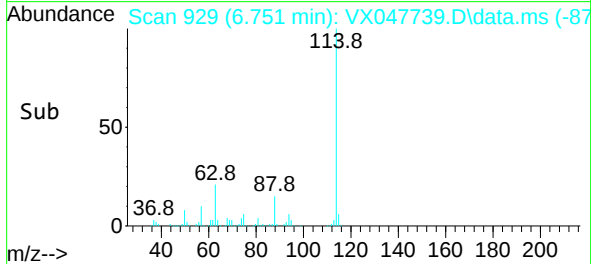


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047739.D
Acq: 23 Sep 2025 17:16

Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20250912

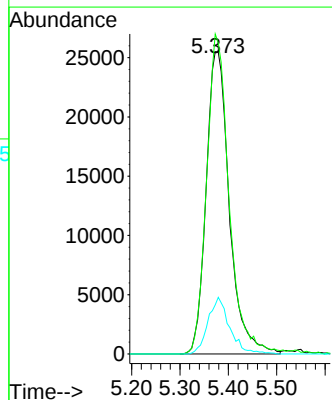
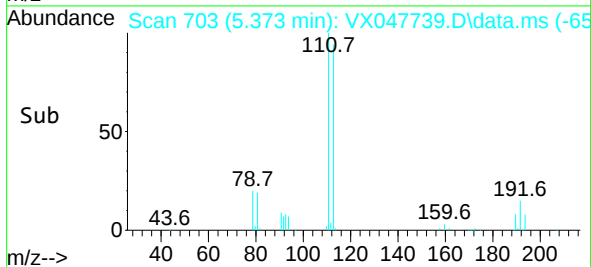
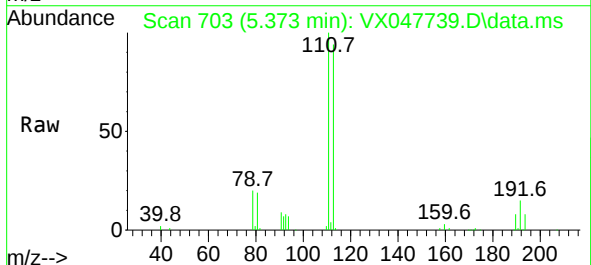


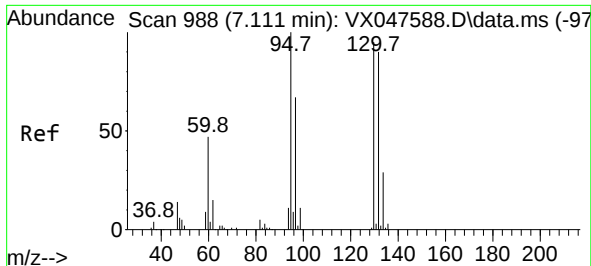
Tgt Ion:114 Resp: 268101
Ion Ratio Lower Upper
114 100
63 21.3 0.0 44.0
88 15.3 0.0 34.2



#35
Dibromofluoromethane
Concen: 47.315 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047739.D
Acq: 23 Sep 2025 17:16

Tgt Ion:113 Resp: 85074
Ion Ratio Lower Upper
113 100
111 102.6 80.9 121.3
192 17.5 14.2 21.4

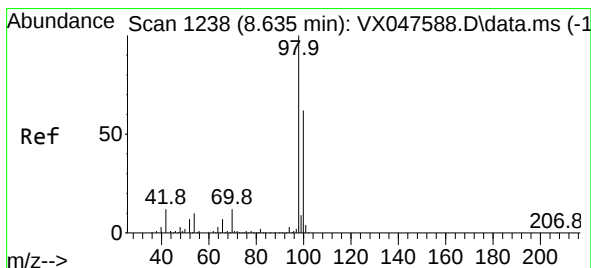
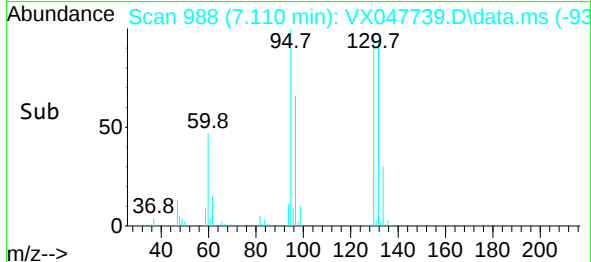
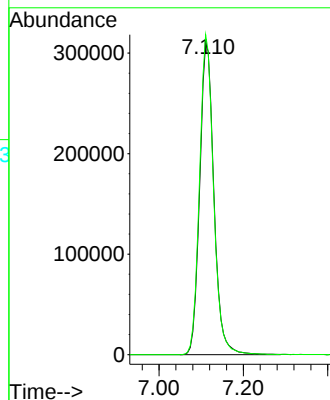
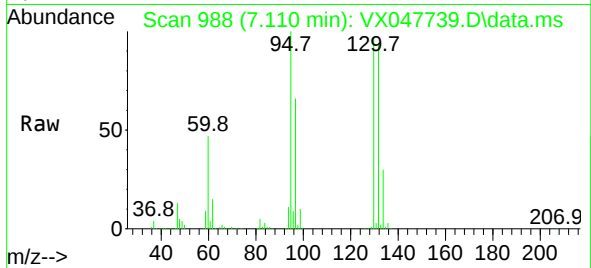




#44
Trichloroethene
Concen: 377.869 ug/l
RT: 7.110 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047739.D
Acq: 23 Sep 2025 17:16

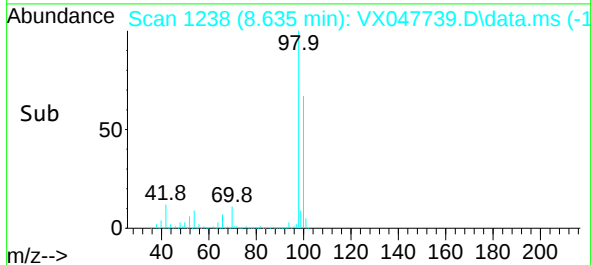
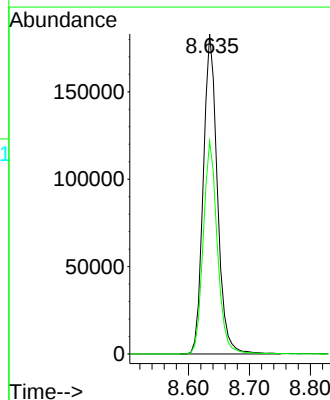
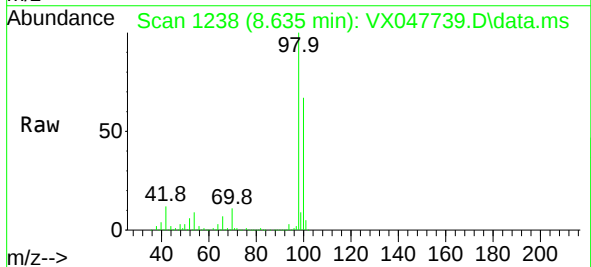
Instrument :
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ClientSampleId :
RE120D2-20250912

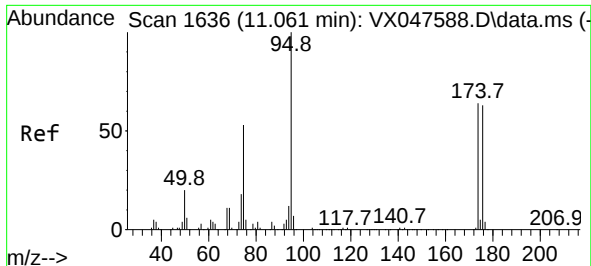
Tgt Ion:130 Resp: 729005
Ion Ratio Lower Upper
130 100
95 102.6 0.0 210.8



#50
Toluene-d8
Concen: 47.277 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047739.D
Acq: 23 Sep 2025 17:16

Tgt Ion: 98 Resp: 294134
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4

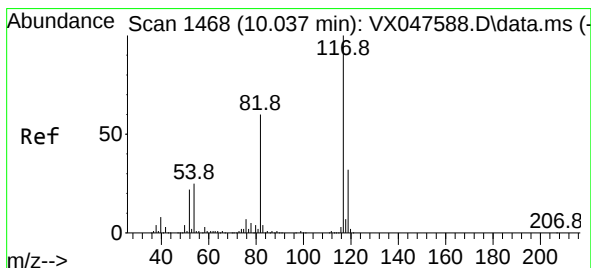
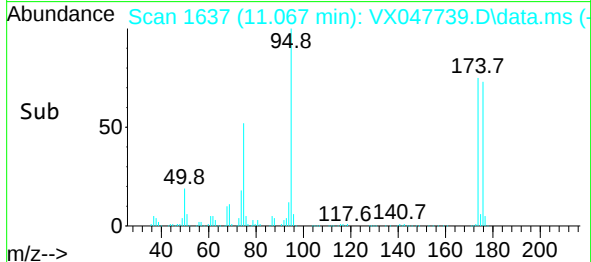
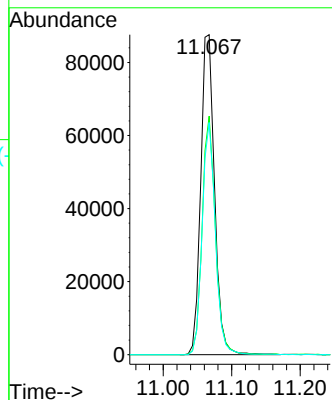
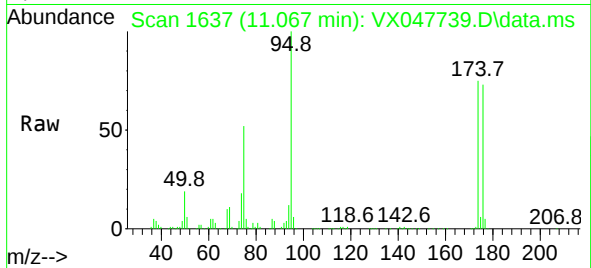




#62
4-Bromofluorobenzene
Concen: 52.173 ug/l
RT: 11.067 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047739.D
Acq: 23 Sep 2025 17:16

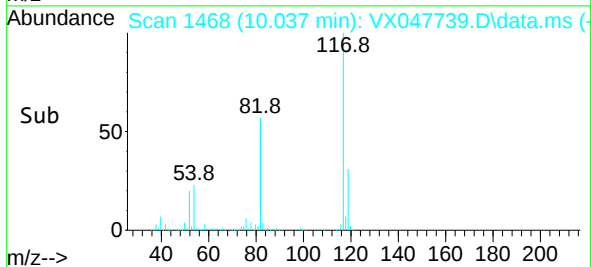
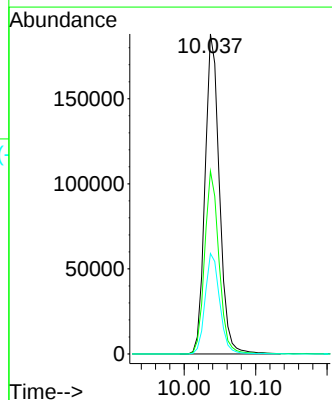
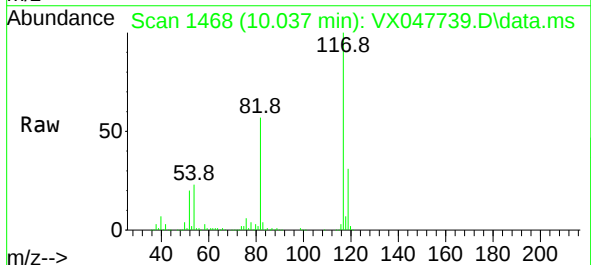
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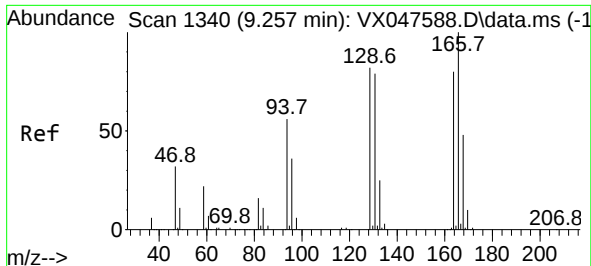
Tgt Ion: 95 Resp: 123190
Ion Ratio Lower Upper
95 100
174 71.1 0.0 141.6
176 69.0 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047739.D
Acq: 23 Sep 2025 17:16

Tgt Ion: 117 Resp: 262928
Ion Ratio Lower Upper
117 100
82 57.2 47.8 71.6
119 31.4 25.2 37.8

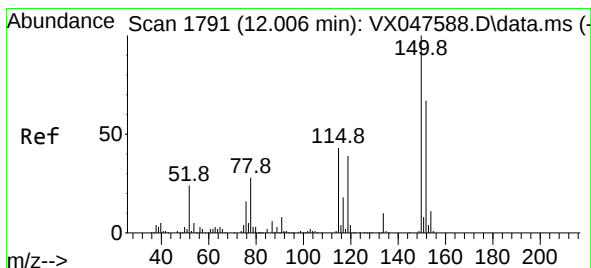
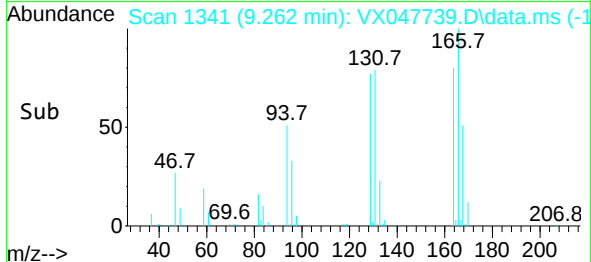
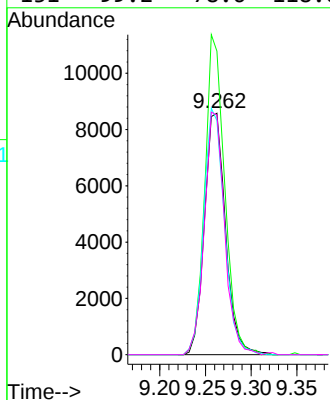
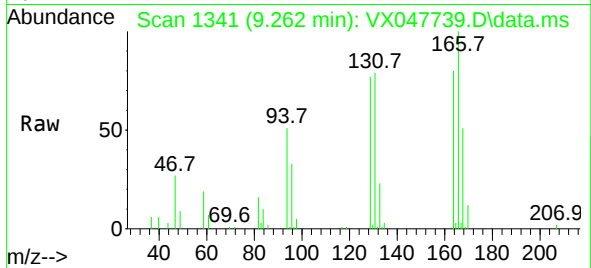




#64
Tetrachloroethene
Concen: 8.031 ug/l
RT: 9.262 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047739.D
Acq: 23 Sep 2025 17:16

Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20250912

Tgt Ion:164 Resp: 13766
Ion Ratio Lower Upper
164 100
166 125.7 100.2 150.2
129 96.9 81.8 122.6
131 99.2 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: VX047739.D
Acq: 23 Sep 2025 17:16

Tgt Ion:152 Resp: 131853
Ion Ratio Lower Upper
152 100
115 62.9 44.9 134.5
150 158.4 0.0 352.0

