

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047837.D
 Acq On : 26 Sep 2025 06:19
 Operator : JC/MD
 Sample : Q3156-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20250918

Quant Time: Sep 26 06:58:04 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)

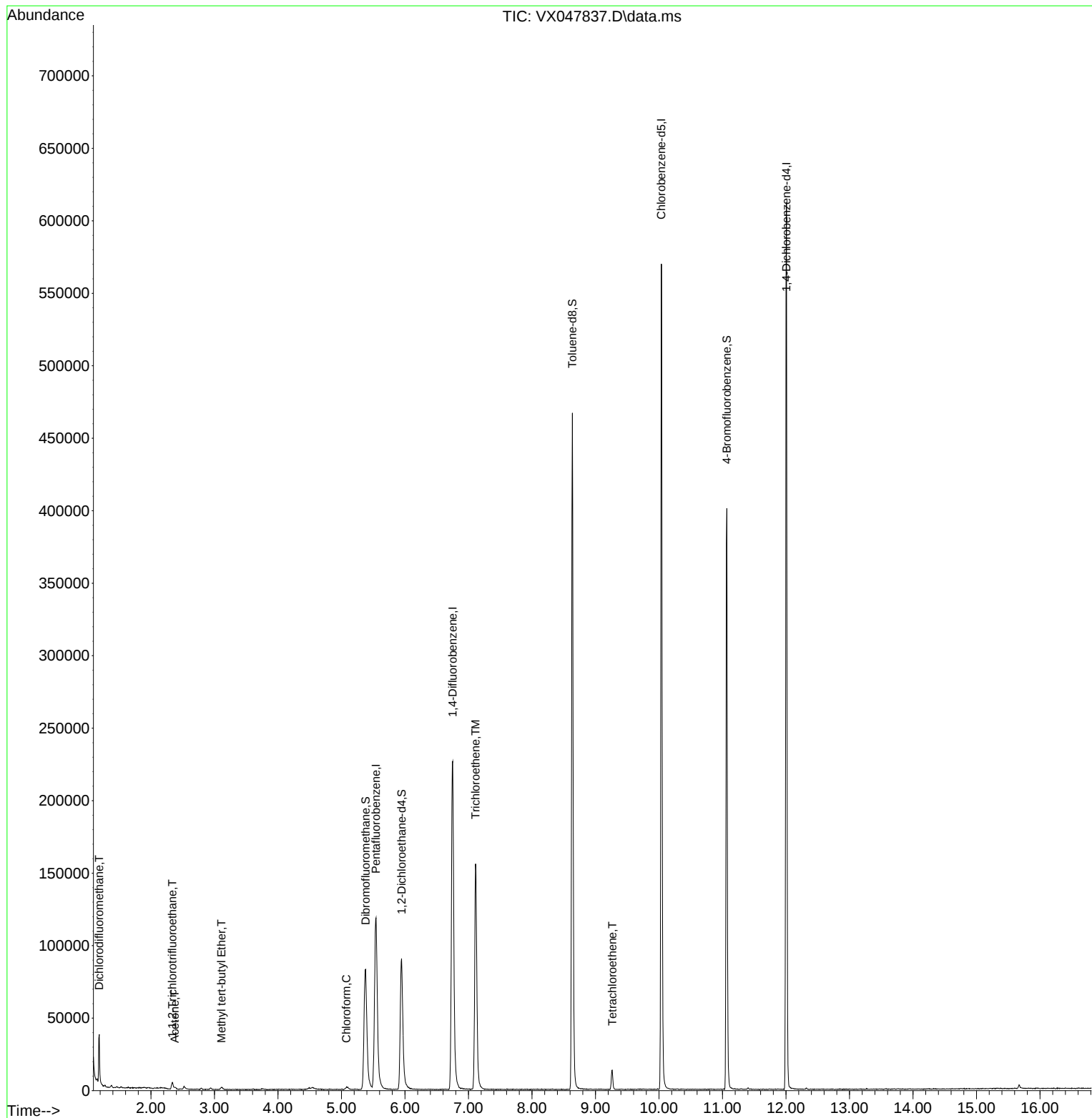
Internal Standards						
1) Pentafluorobenzene	5.544	168	122217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	253632	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	257905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	127602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	97214	49.972	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.940%
35) Dibromofluoromethane	5.379	113	81968	48.188	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.380%
50) Toluene-d8	8.635	98	283638	48.190	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.380%
62) 4-Bromofluorobenzene	11.067	95	116161	52.002	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	547	0.432	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.337	101	1842	1.303	ug/l	98
16) Acetone	2.374	43	1863	2.202	ug/l #	77
19) Methyl tert-butyl Ether	3.111	73	1713	0.323	ug/l	98
30) Chloroform	5.074	83	2112	0.677	ug/l #	70
44) Trichloroethene	7.111	130	66791	36.595	ug/l	94
64) Tetrachloroethene	9.263	164	2821	1.678	ug/l	96

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

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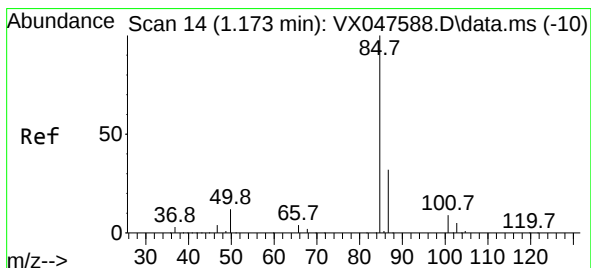
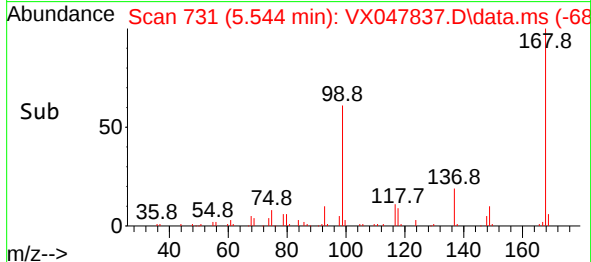
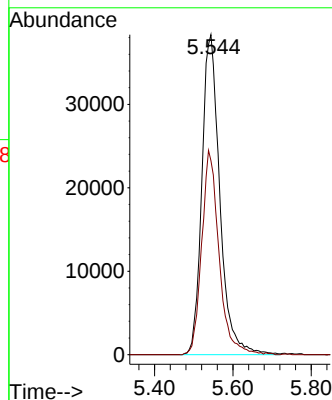
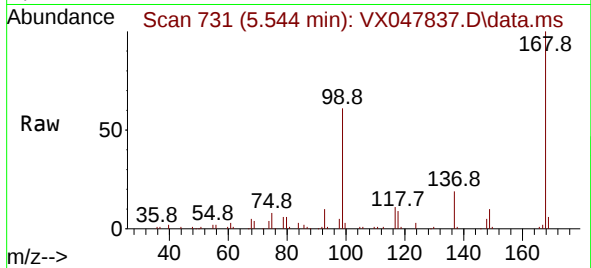




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047837.D
Acq: 26 Sep 2025 06:19

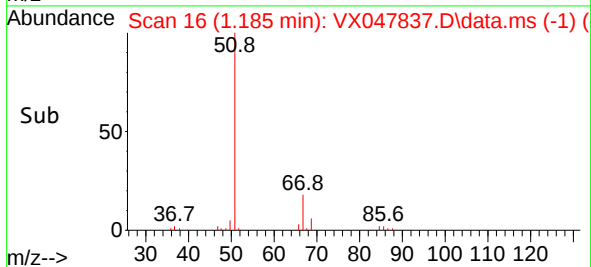
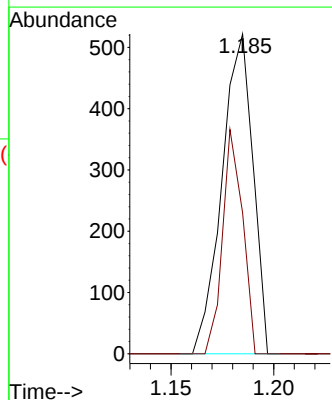
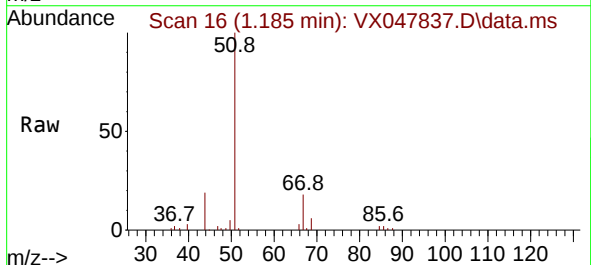
Instrument : MSVOA_X
ClientSampleId : RE132D1-20250918

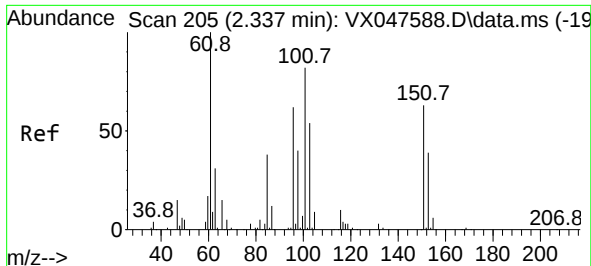
Tgt Ion:168 Resp: 122217
Ion Ratio Lower Upper
168 100
99 60.6 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 0.432 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.012 min
Lab File: VX047837.D
Acq: 26 Sep 2025 06:19

Tgt Ion: 85 Resp: 547
Ion Ratio Lower Upper
85 100
87 25.5 15.8 47.3

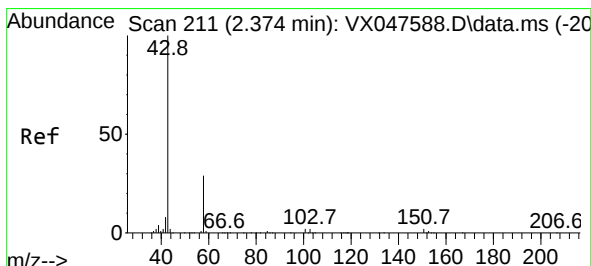
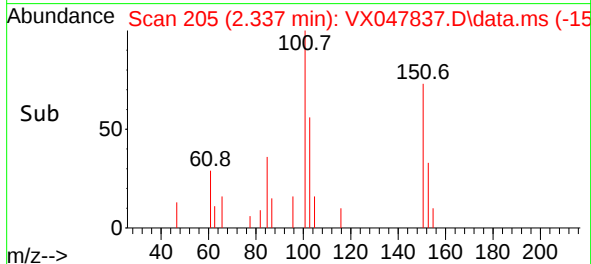
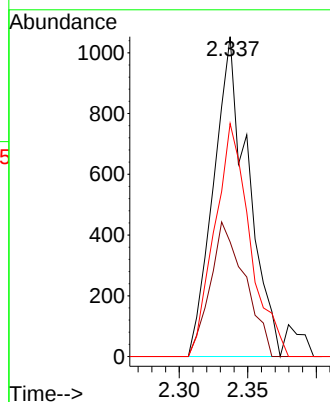
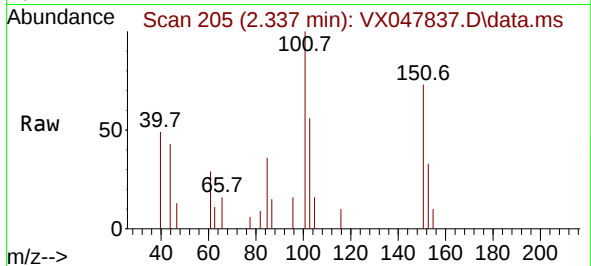




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.303 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047837.D
Acq: 26 Sep 2025 06:19

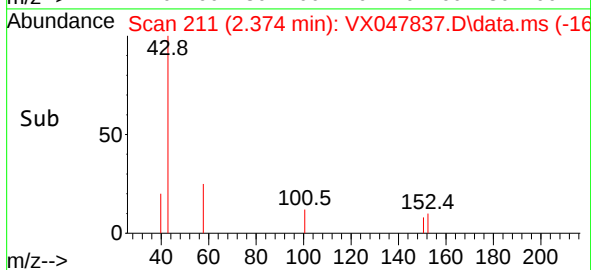
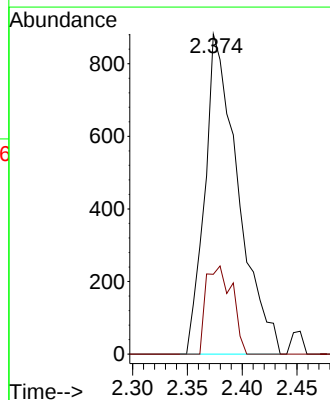
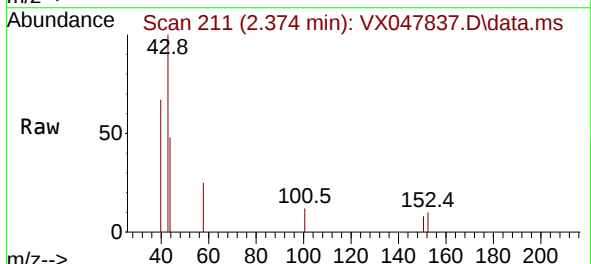
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250918

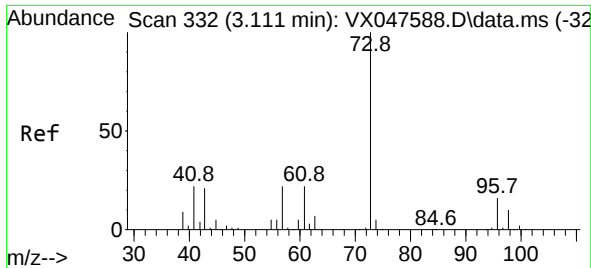
Tgt Ion:	101	Resp:	1842
Ion	Ratio	Lower	Upper
101	100		
85	42.4	35.5	53.3
151	74.7	59.4	89.0



#16
Acetone
Concen: 2.202 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX047837.D
Acq: 26 Sep 2025 06:19

Tgt Ion:	43	Resp:	1863
Ion	Ratio	Lower	Upper
43	100		
58	16.8	23.4	35.0

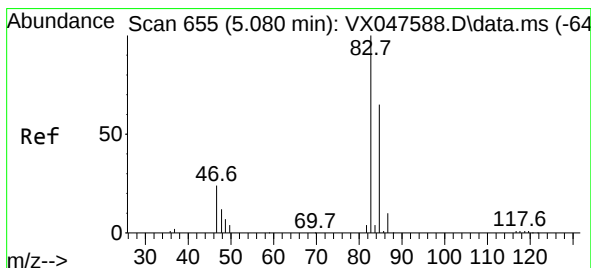
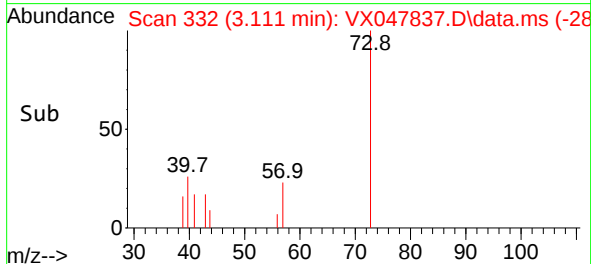
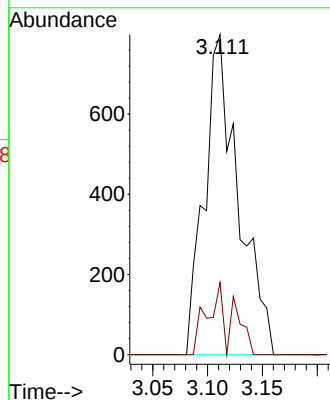
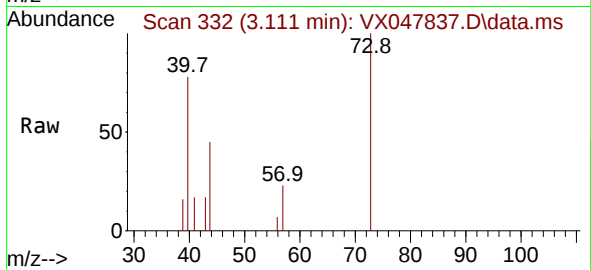




#19
Methyl tert-butyl Ether
Concen: 0.323 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047837.D
Acq: 26 Sep 2025 06:19

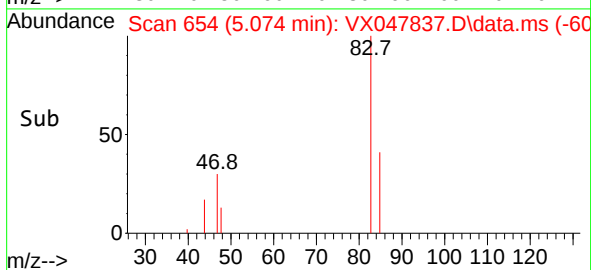
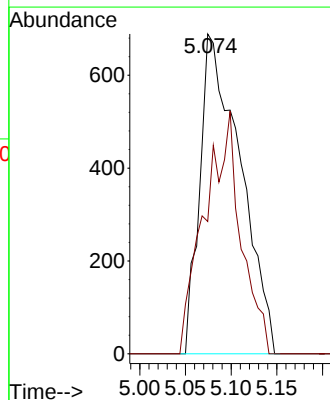
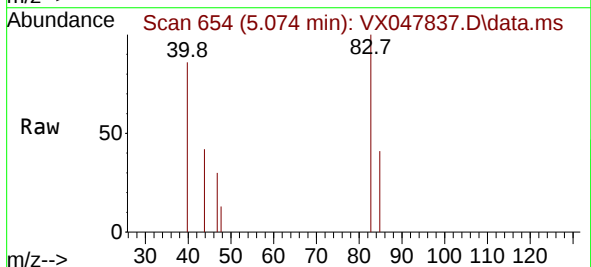
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250918

Tgt Ion: 73 Resp: 1713
Ion Ratio Lower Upper
73 100
57 22.6 17.4 26.2



#30
Chloroform
Concen: 0.677 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX047837.D
Acq: 26 Sep 2025 06:19

Tgt Ion: 83 Resp: 2112
Ion Ratio Lower Upper
83 100
85 41.4 51.8 77.6#





#33

1,2-Dichloroethane-d4

Concen: 49.972 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047837.D

Acq: 26 Sep 2025 06:19

Instrument :

MSVOA_X

ClientSampleId :

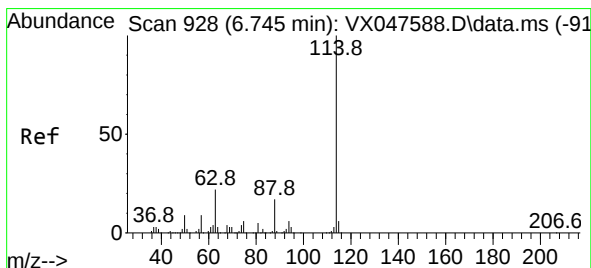
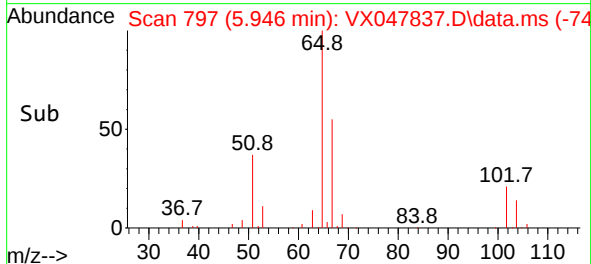
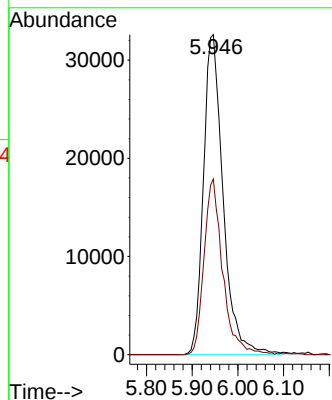
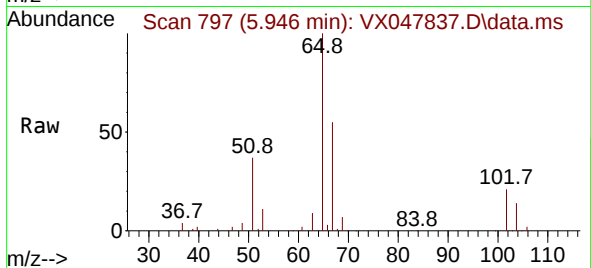
RE132D1-20250918

Tgt Ion: 65 Resp: 97214

Ion Ratio Lower Upper

65 100

67 52.1 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: VX047837.D

Acq: 26 Sep 2025 06:19

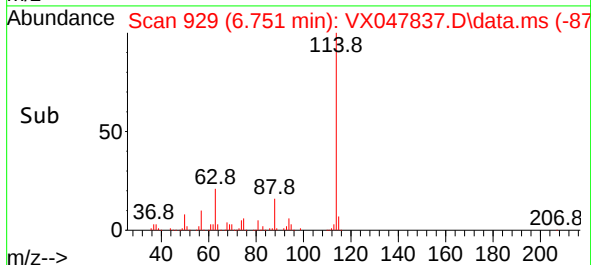
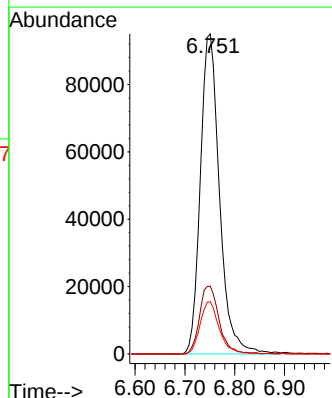
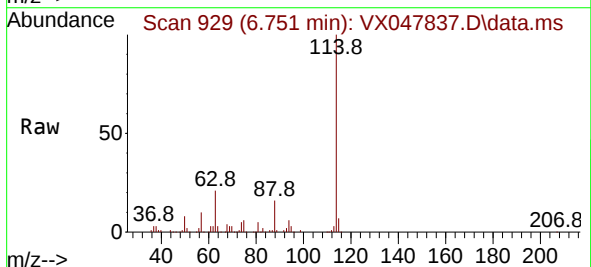
Tgt Ion: 114 Resp: 253632

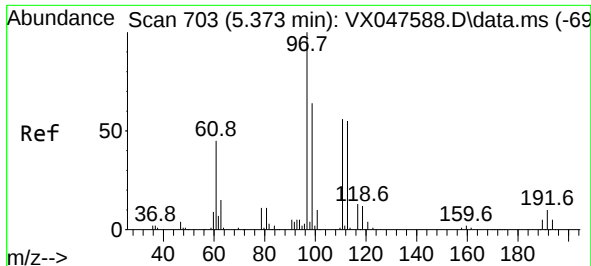
Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.0

88 16.4 0.0 34.2





#35

Dibromofluoromethane

Concen: 48.188 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX047837.D

Acq: 26 Sep 2025 06:19

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20250918

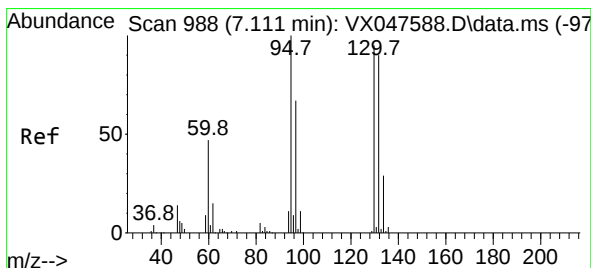
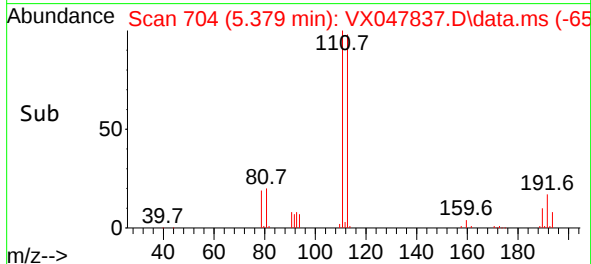
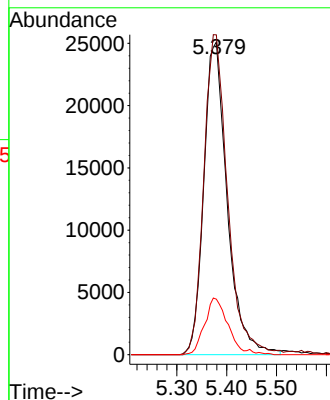
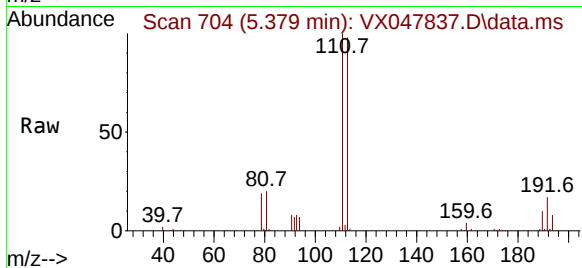
Tgt Ion:113 Resp: 81968

Ion Ratio Lower Upper

113 100

111 104.0 80.9 121.3

192 18.3 14.2 21.4



#44

Trichloroethene

Concen: 36.595 ug/l

RT: 7.111 min Scan# 988

Delta R.T. 0.000 min

Lab File: VX047837.D

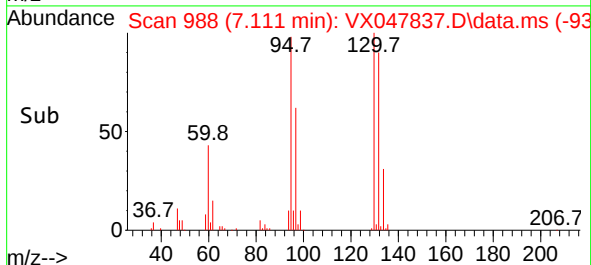
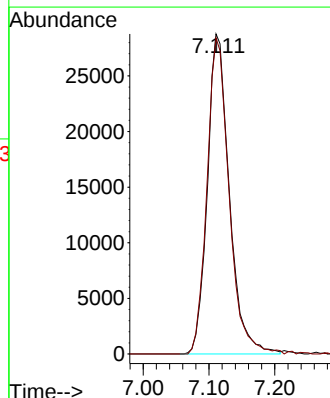
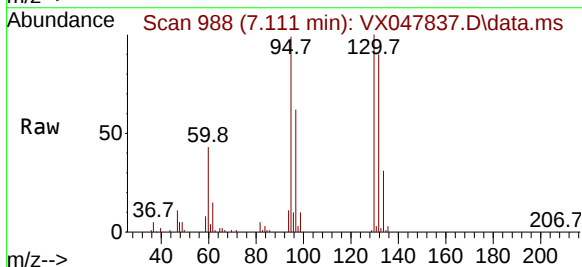
Acq: 26 Sep 2025 06:19

Tgt Ion:130 Resp: 66791

Ion Ratio Lower Upper

130 100

95 98.7 0.0 210.8

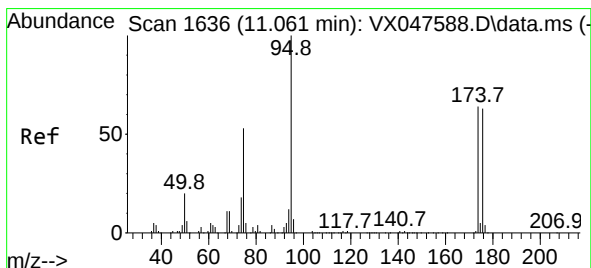
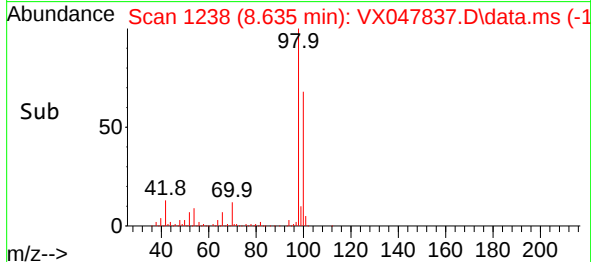
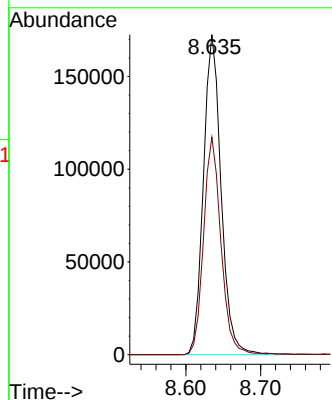
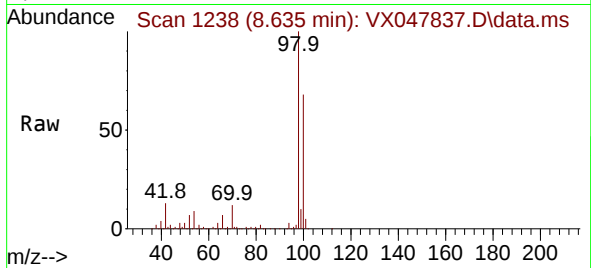




#50
Toluene-d8
Concen: 48.190 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047837.D
Acq: 26 Sep 2025 06:19

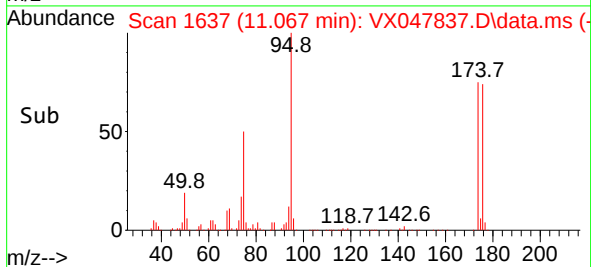
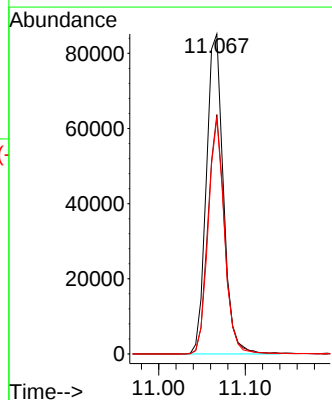
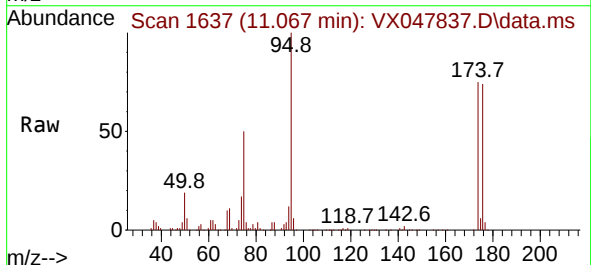
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250918

Tgt Ion: 98 Resp: 283638
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.002 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047837.D
Acq: 26 Sep 2025 06:19

Tgt Ion: 95 Resp: 116161
Ion Ratio Lower Upper
95 100
174 72.8 0.0 141.6
176 70.3 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: VX047837.D

Acq: 26 Sep 2025 06:19

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20250918

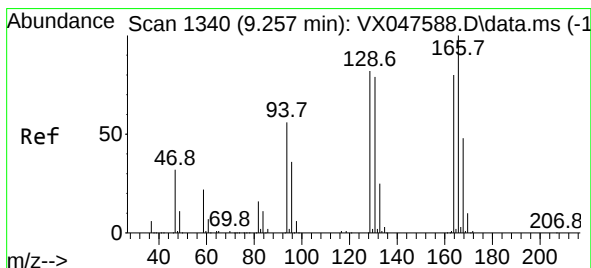
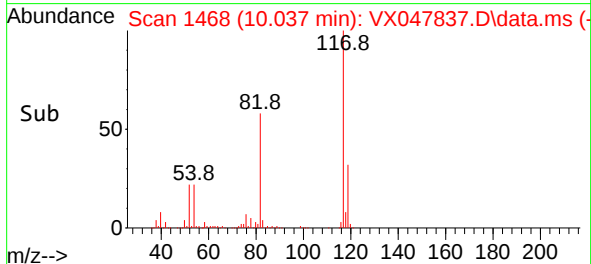
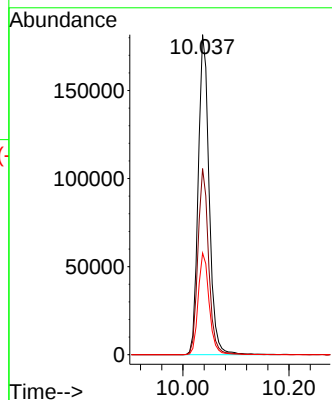
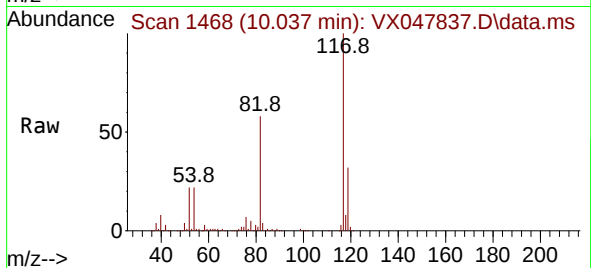
Tgt Ion:117 Resp: 257905

Ion Ratio Lower Upper

117 100

82 58.2 47.8 71.6

119 31.8 25.2 37.8



#64

Tetrachloroethene

Concen: 1.678 ug/l

RT: 9.263 min Scan# 1341

Delta R.T. 0.006 min

Lab File: VX047837.D

Acq: 26 Sep 2025 06:19

Tgt Ion:164 Resp: 2821

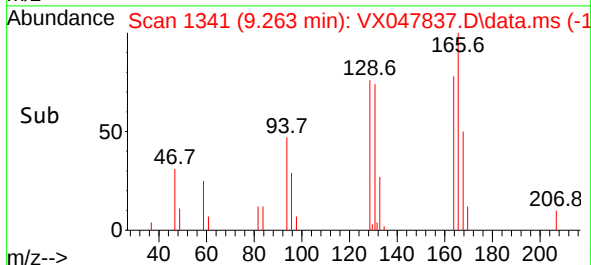
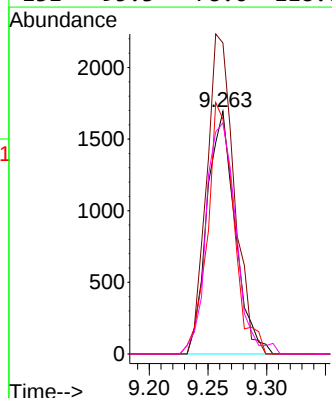
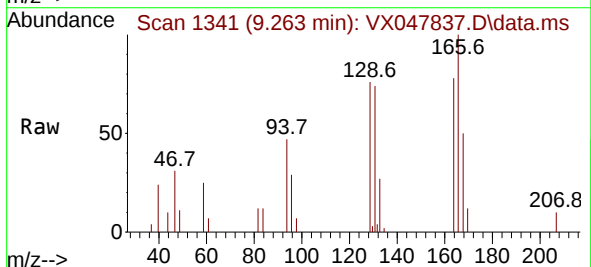
Ion Ratio Lower Upper

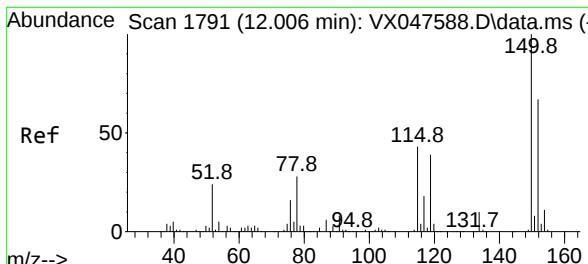
164 100

166 128.2 100.2 150.2

129 96.9 81.8 122.6

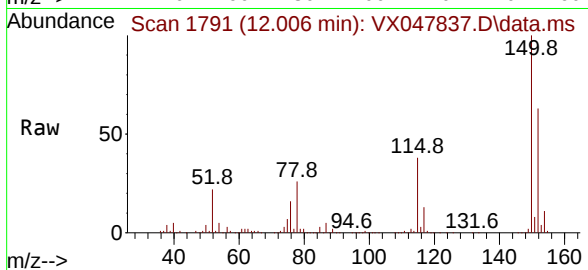
131 95.3 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047837.D
 Acq: 26 Sep 2025 06:19

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20250918



Tgt Ion:152 Resp: 127602
 Ion Ratio Lower Upper
 152 100
 115 62.9 44.9 134.5
 150 157.7 0.0 352.0

