

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100125\
 Data File : VX047932.D
 Acq On : 01 Oct 2025 12:22
 Operator : JC/MD
 Sample : Q3193-17DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20250923DL

Quant Time: Oct 03 01:19:19 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)

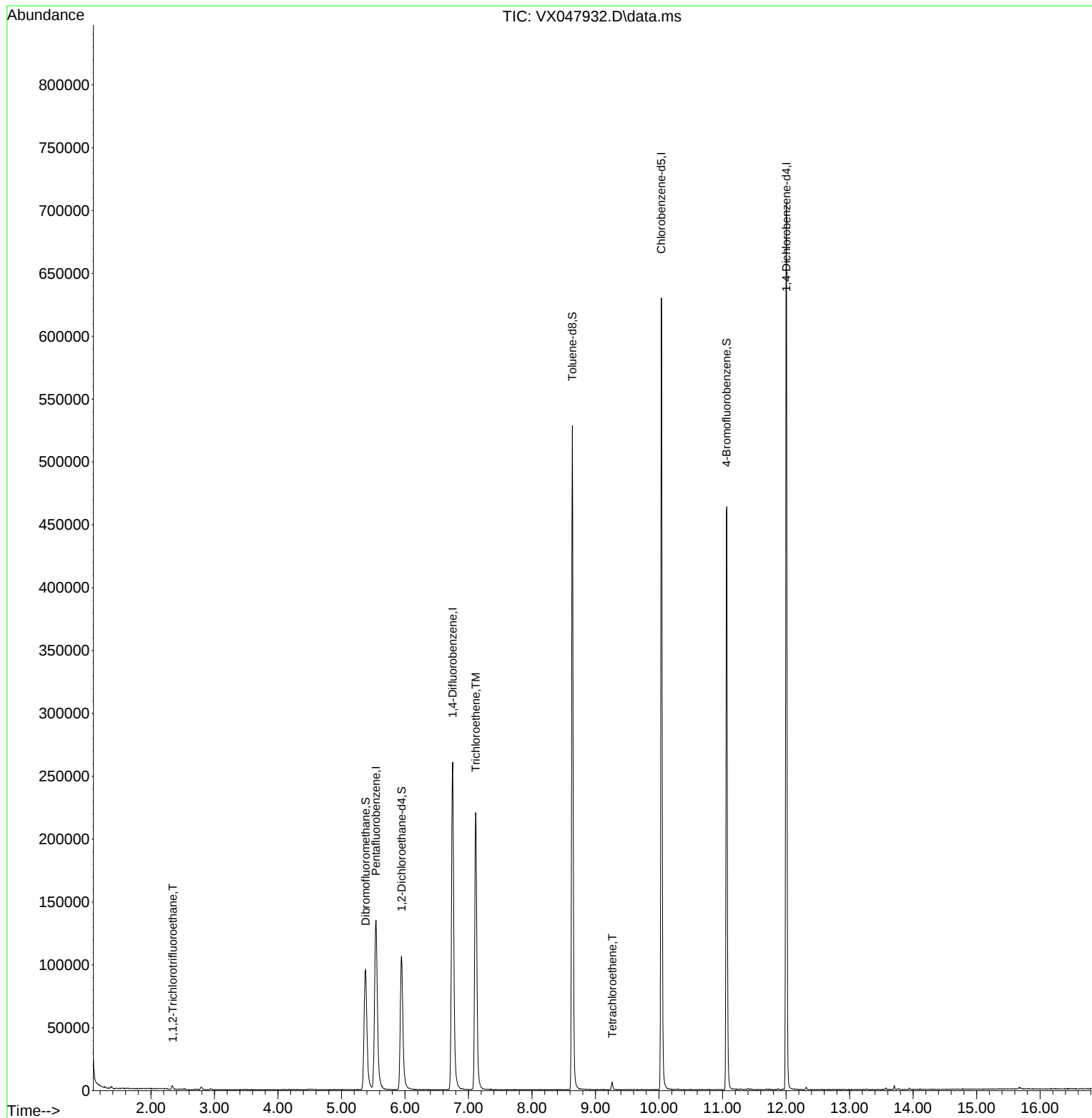
Internal Standards						
1) Pentafluorobenzene	5.544	168	134999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	282843	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	293609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	148894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	114945	53.492	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.980%	
35) Dibromofluoromethane	5.379	113	94476	49.805	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.620%	
50) Toluene-d8	8.635	98	321946	49.050	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.100%	
62) 4-Bromofluorobenzene	11.061	95	138801	55.720	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.440%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.343	101	1288	0.825	ug/l	94
44) Trichloroethene	7.117	130	93082	45.733	ug/l	92
64) Tetrachloroethene	9.263	164	1118	0.584	ug/l #	85

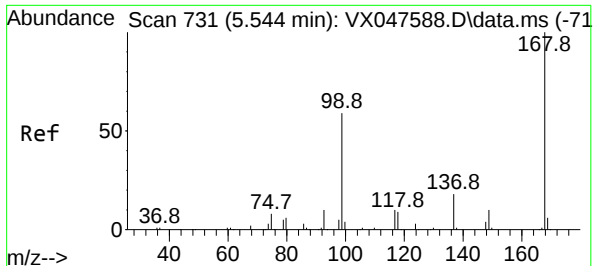
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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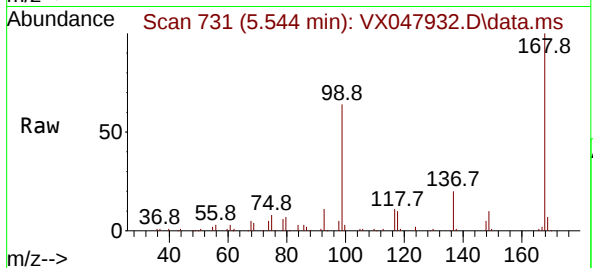
Quant Time: Oct 03 01:19:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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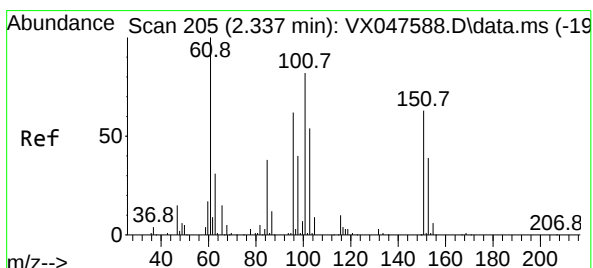
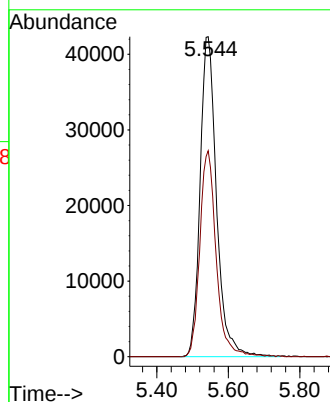
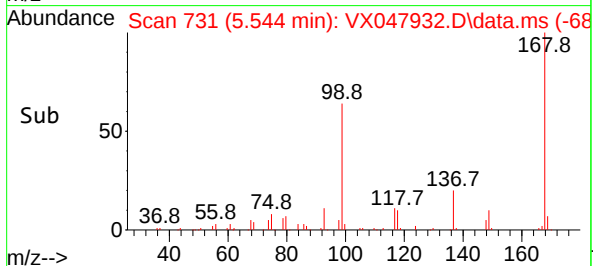


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047932.D
Acq: 01 Oct 2025 12:22

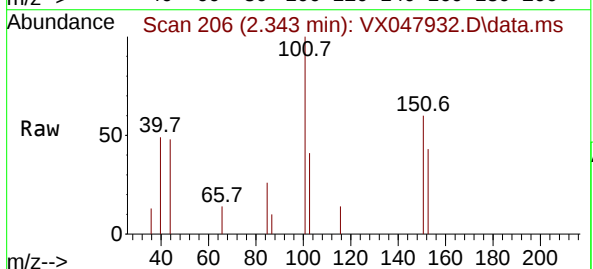
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20250923DL



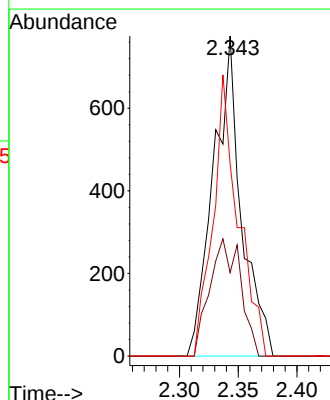
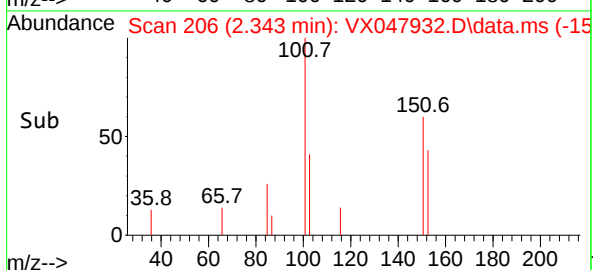
Tgt Ion:168 Resp: 134999
Ion Ratio Lower Upper
168 100
99 64.3 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.825 ug/l
RT: 2.343 min Scan# 206
Delta R.T. 0.006 min
Lab File: VX047932.D
Acq: 01 Oct 2025 12:22



Tgt Ion:101 Resp: 1288
Ion Ratio Lower Upper
101 100
85 40.0 35.5 53.3
151 78.7 59.4 89.0





#33

1,2-Dichloroethane-d4

Concen: 53.492 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047932.D

Acq: 01 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

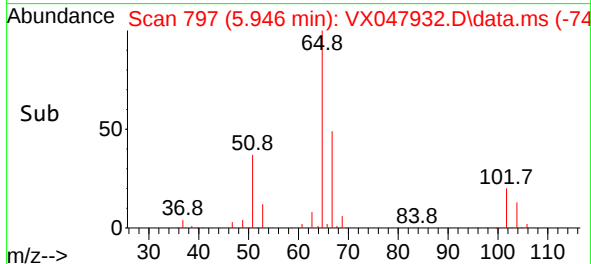
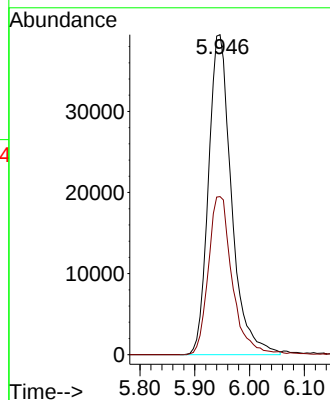
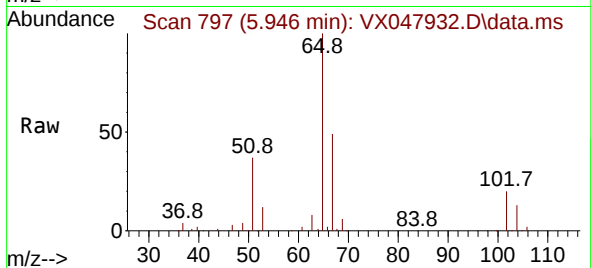
RE103D1-20250923DL

Tgt Ion: 65 Resp: 114945

Ion Ratio Lower Upper

65 100

67 51.2 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: VX047932.D

Acq: 01 Oct 2025 12:22

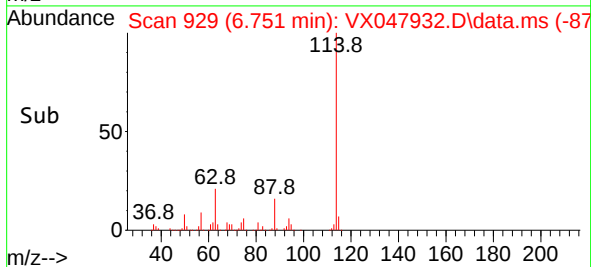
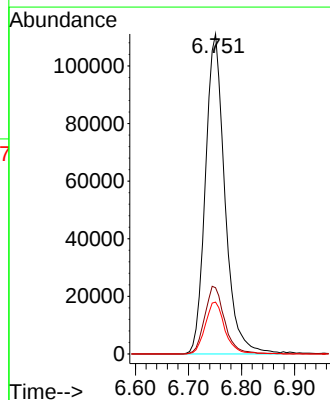
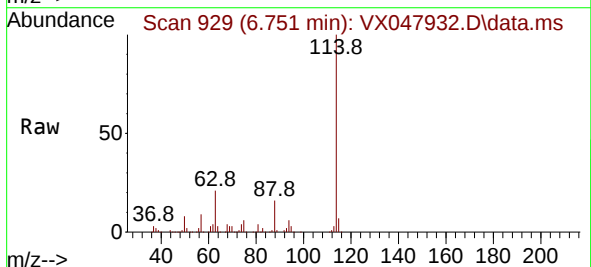
Tgt Ion: 114 Resp: 282843

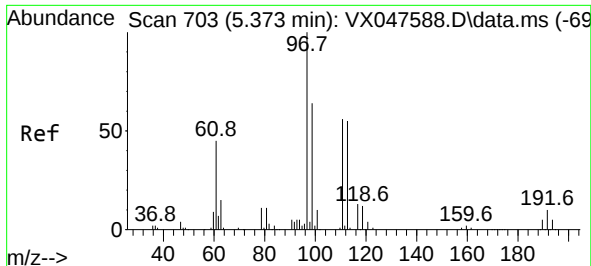
Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.0

88 16.2 0.0 34.2

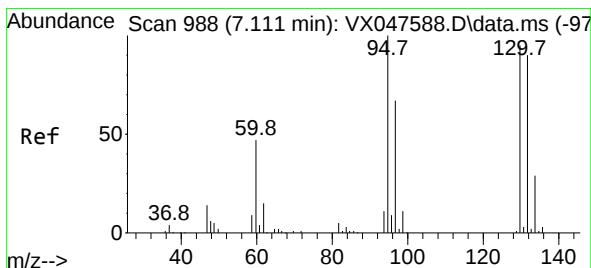
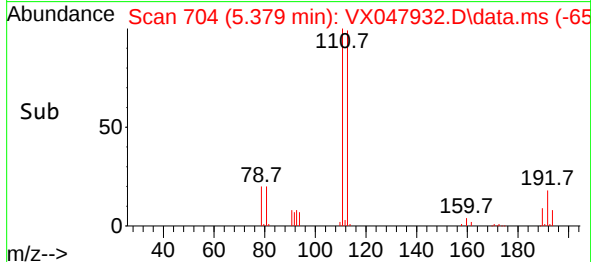
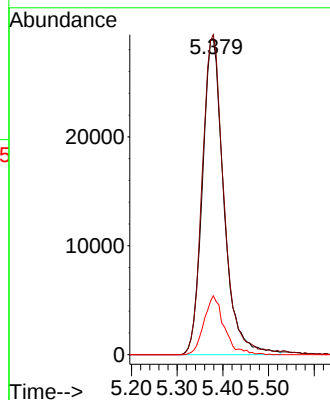
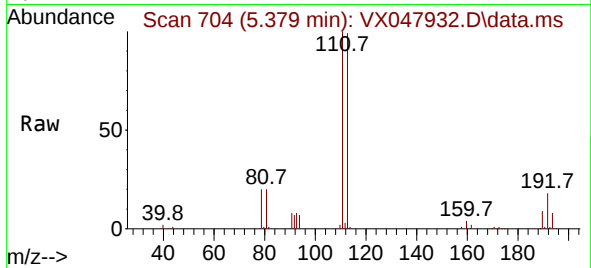




#35
Dibromofluoromethane
Concen: 49.805 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX047932.D
Acq: 01 Oct 2025 12:22

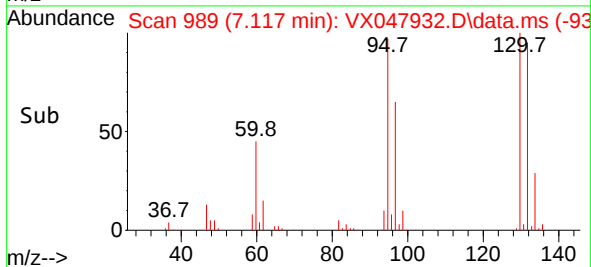
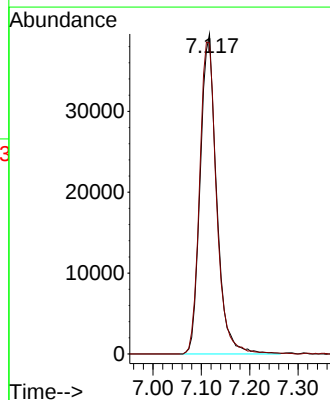
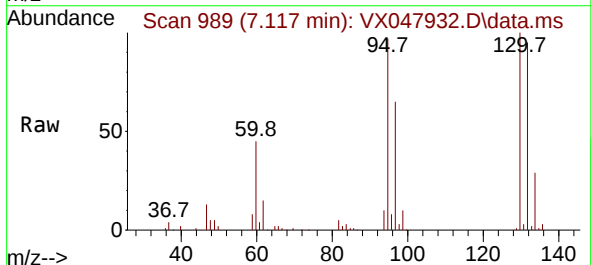
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20250923DL

Tgt Ion:113 Resp: 94476
Ion Ratio Lower Upper
113 100
111 101.8 80.9 121.3
192 17.6 14.2 21.4



#44
Trichloroethene
Concen: 45.733 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX047932.D
Acq: 01 Oct 2025 12:22

Tgt Ion:130 Resp: 93082
Ion Ratio Lower Upper
130 100
95 97.2 0.0 210.8

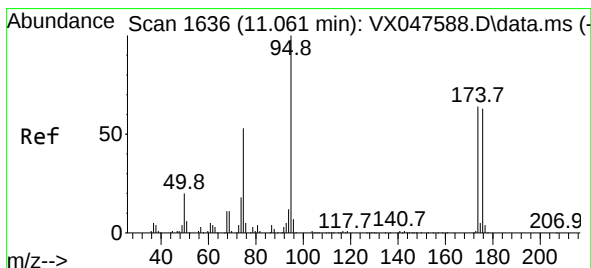
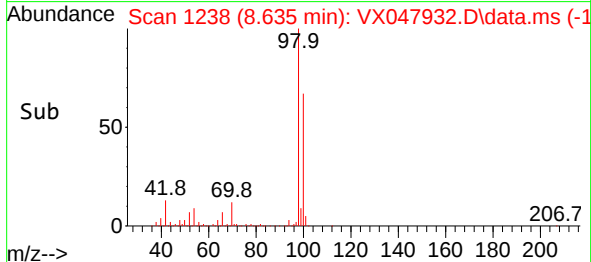
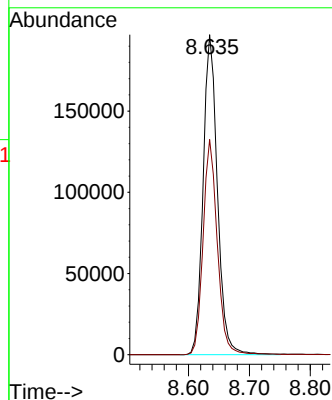
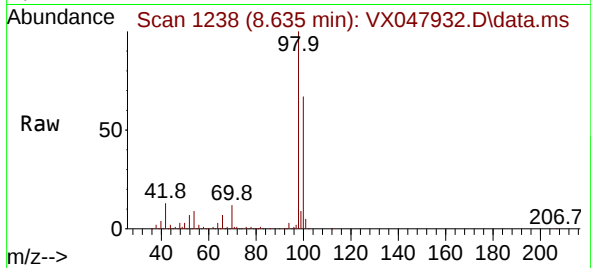




#50
Toluene-d8
Concen: 49.050 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047932.D
Acq: 01 Oct 2025 12:22

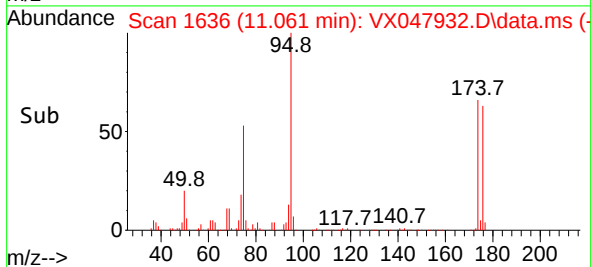
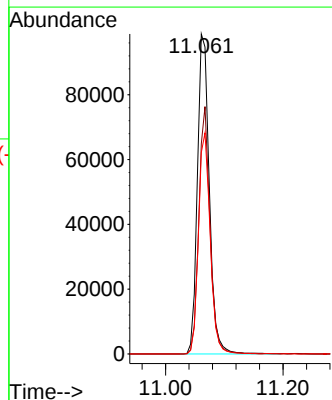
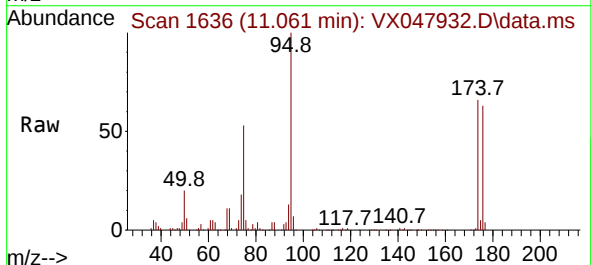
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20250923DL

Tgt Ion: 98 Resp: 321946
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 55.720 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047932.D
Acq: 01 Oct 2025 12:22

Tgt Ion: 95 Resp: 138801
Ion Ratio Lower Upper
95 100
174 72.8 0.0 141.6
176 68.0 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: VX047932.D

Acq: 01 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20250923DL

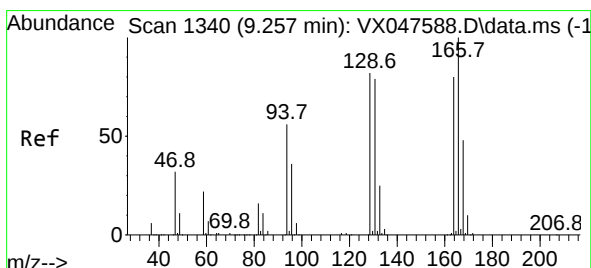
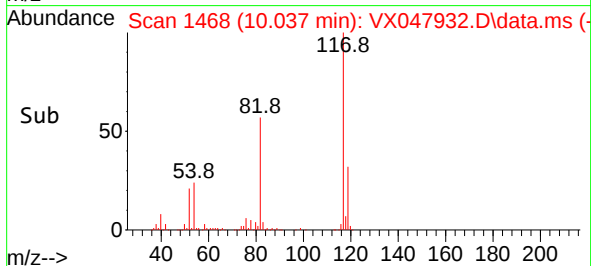
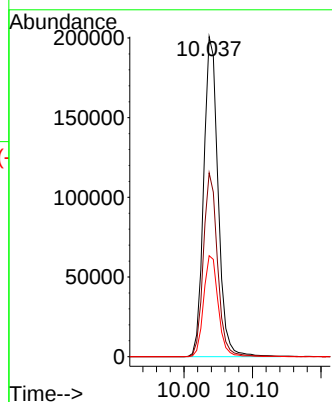
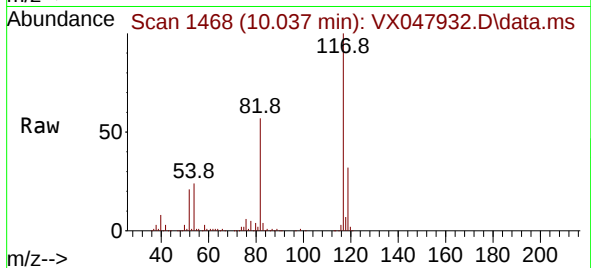
Tgt Ion:117 Resp: 293609

Ion Ratio Lower Upper

117 100

82 57.5 47.8 71.6

119 31.6 25.2 37.8



#64

Tetrachloroethene

Concen: 0.584 ug/l

RT: 9.263 min Scan# 1341

Delta R.T. 0.006 min

Lab File: VX047932.D

Acq: 01 Oct 2025 12:22

Tgt Ion:164 Resp: 1118

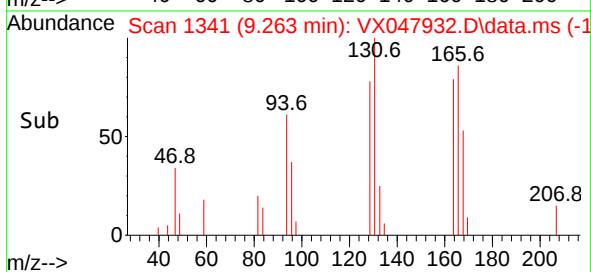
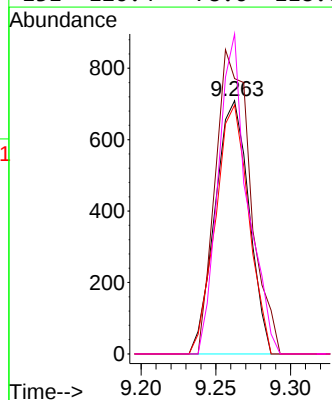
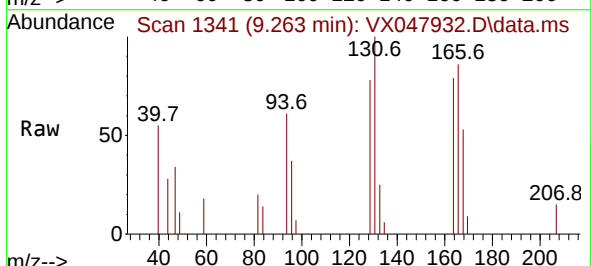
Ion Ratio Lower Upper

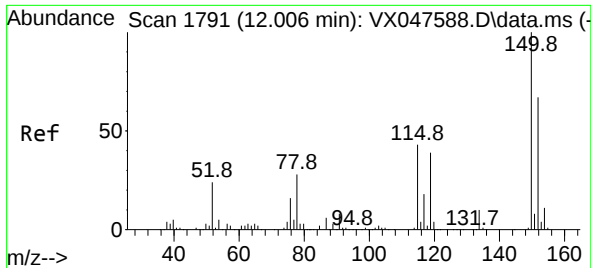
164 100

166 108.7 100.2 150.2

129 98.3 81.8 122.6

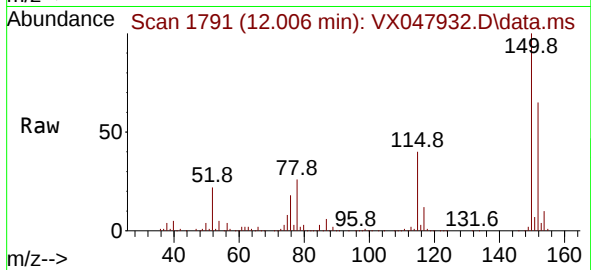
131 126.4 78.6 118.0#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047932.D
 Acq: 01 Oct 2025 12:22

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20250923DL



Tgt Ion:152 Resp: 148894
 Ion Ratio Lower Upper
 152 100
 115 62.5 44.9 134.5
 150 157.2 0.0 352.0

