

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100125\
 Data File : VX047931.D
 Acq On : 01 Oct 2025 12:01
 Operator : JC/MD
 Sample : Q3193-05DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-20250922DL

Quant Time: Oct 03 01:18:47 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)

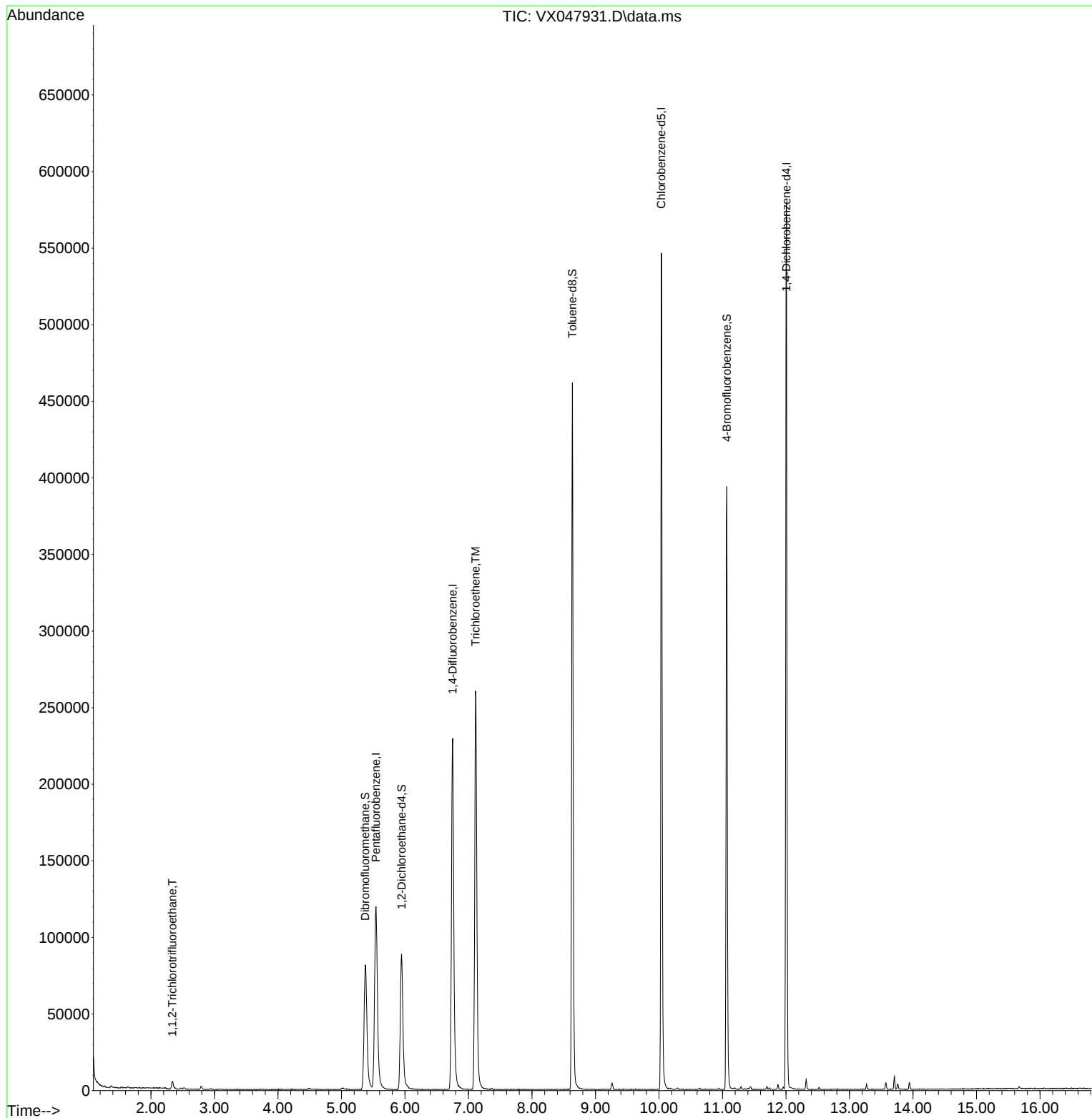
Internal Standards						
1) Pentafluorobenzene	5.544	168	121237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	245128	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	249435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	119740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	96452	49.981	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.960%
35) Dibromofluoromethane	5.373	113	81070	49.314	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.620%
50) Toluene-d8	8.635	98	278526	48.964	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.920%
62) 4-Bromofluorobenzene	11.067	95	115493	53.497	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.000%
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	2.337	101	1977	1.410	ug/l	93
44) Trichloroethene	7.111	130	109995	62.358	ug/l	98

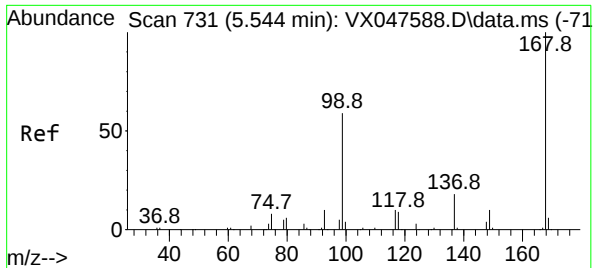
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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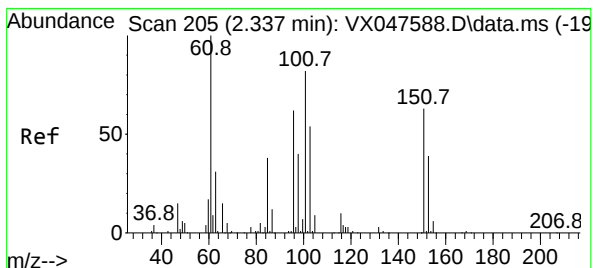
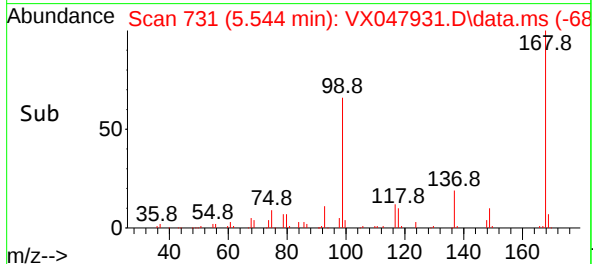
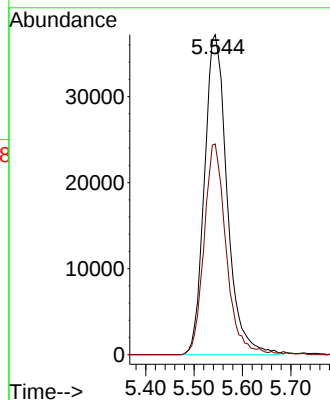
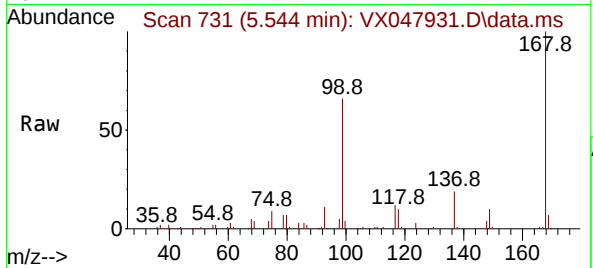




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047931.D
Acq: 01 Oct 2025 12:01

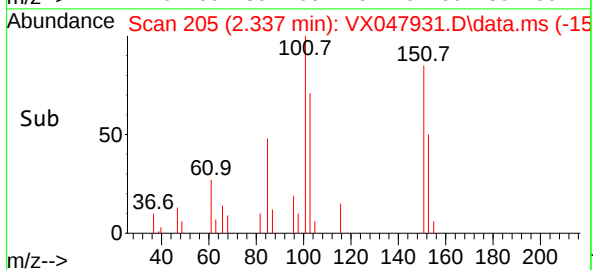
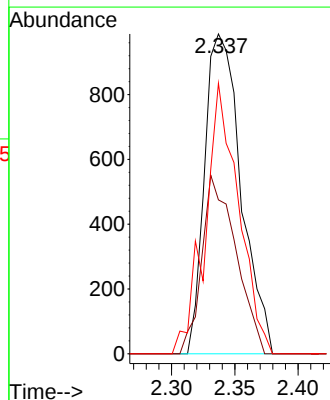
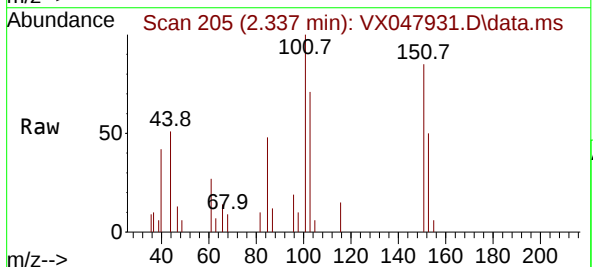
Instrument :
MSVOA_X
ClientSampleId :
RE137-20250922DL

Tgt Ion:168 Resp: 121237
Ion Ratio Lower Upper
168 100
99 65.9 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.410 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047931.D
Acq: 01 Oct 2025 12:01

Tgt Ion:101 Resp: 1977
Ion Ratio Lower Upper
101 100
85 52.1 35.5 53.3
151 77.6 59.4 89.0





#33

1,2-Dichloroethane-d4

Concen: 49.981 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047931.D

Acq: 01 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

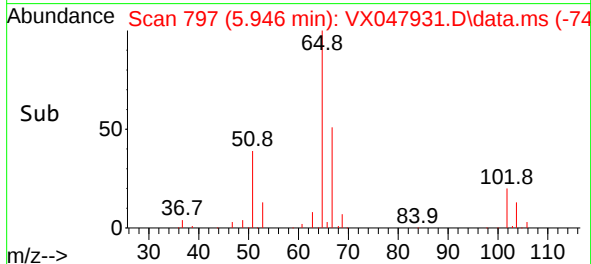
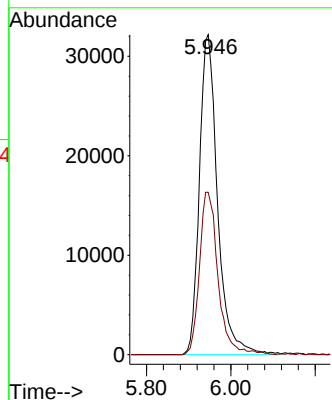
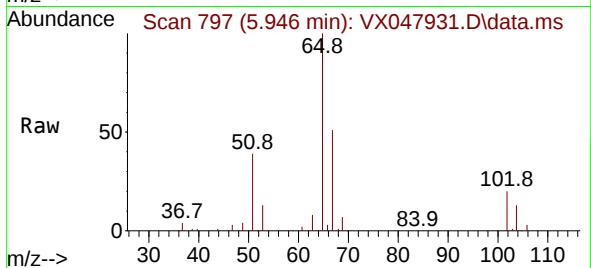
RE137-20250922DL

Tgt Ion: 65 Resp: 96452

Ion Ratio Lower Upper

65 100

67 51.9 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: VX047931.D

Acq: 01 Oct 2025 12:01

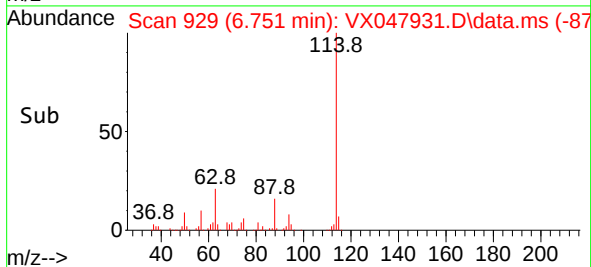
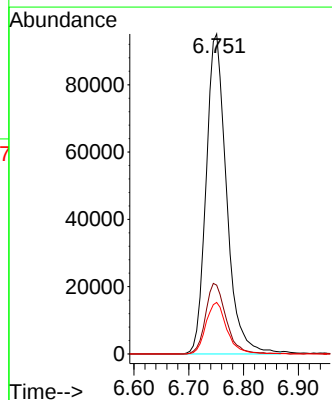
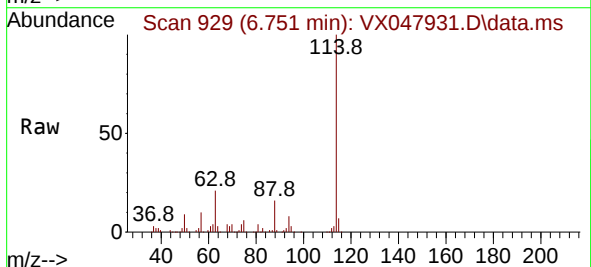
Tgt Ion: 114 Resp: 245128

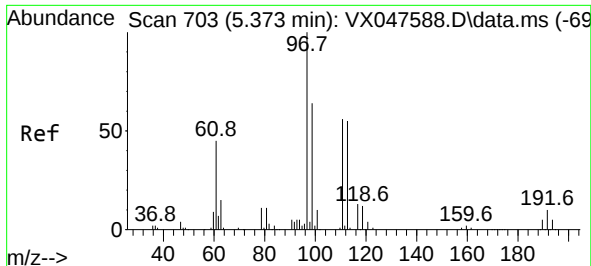
Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.0

88 16.1 0.0 34.2

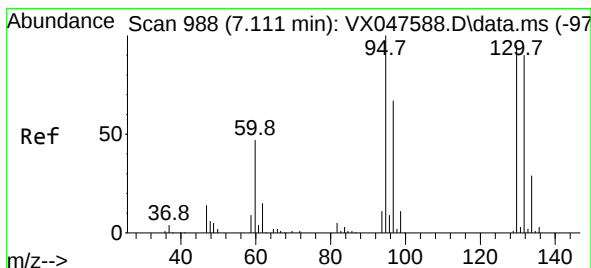
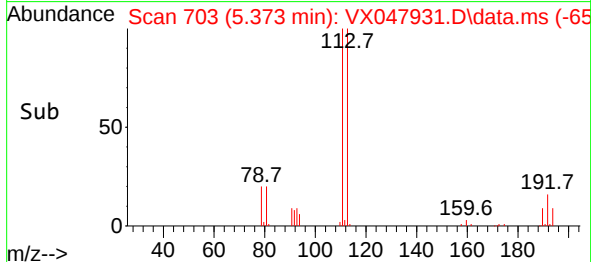
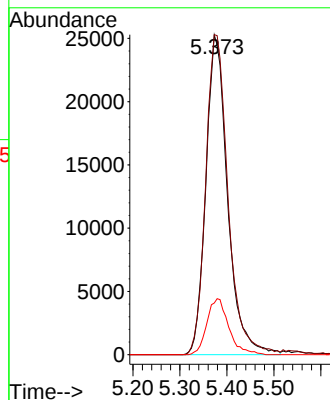
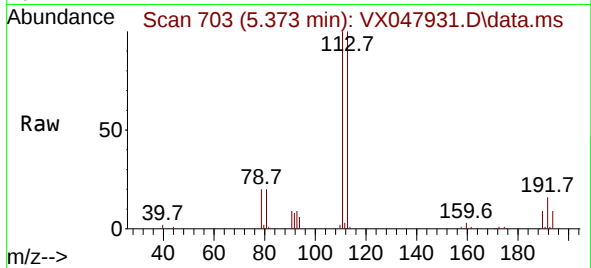




#35
Dibromofluoromethane
Concen: 49.314 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX047931.D
Acq: 01 Oct 2025 12:01

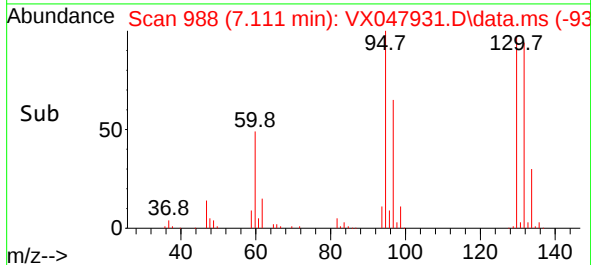
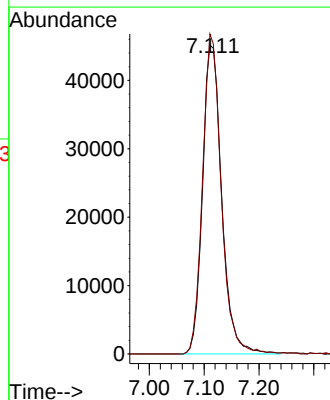
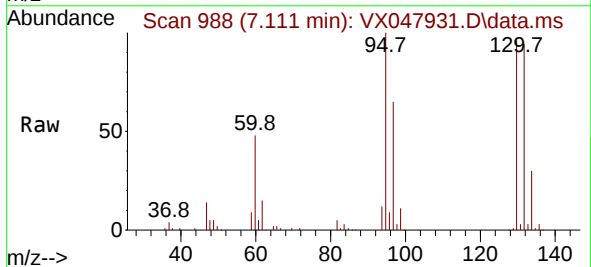
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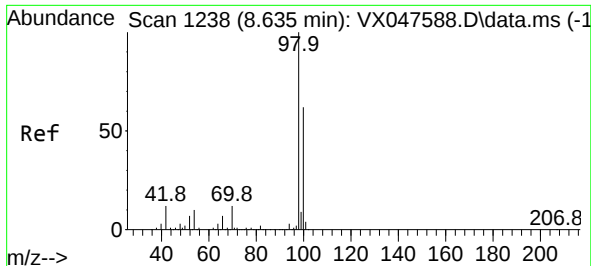
Tgt Ion:113 Resp: 81070
Ion Ratio Lower Upper
113 100
111 102.9 80.9 121.3
192 17.6 14.2 21.4



#44
Trichloroethene
Concen: 62.358 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX047931.D
Acq: 01 Oct 2025 12:01

Tgt Ion:130 Resp: 109995
Ion Ratio Lower Upper
130 100
95 103.7 0.0 210.8

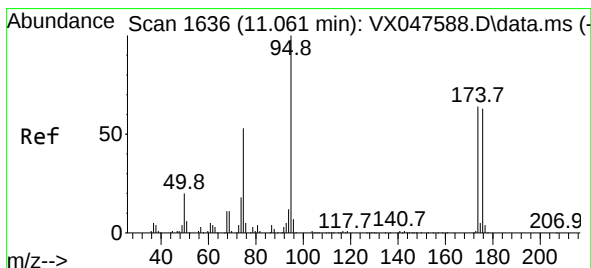
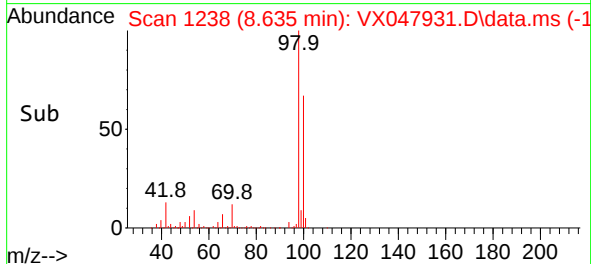
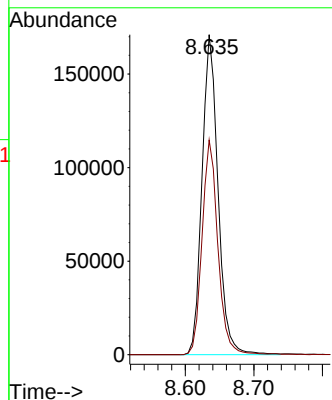
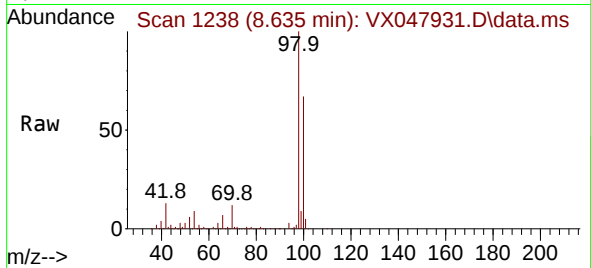




#50
Toluene-d8
Concen: 48.964 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047931.D
Acq: 01 Oct 2025 12:01

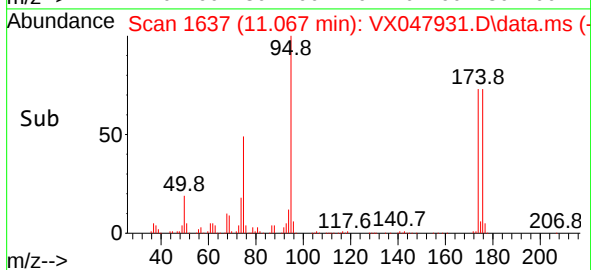
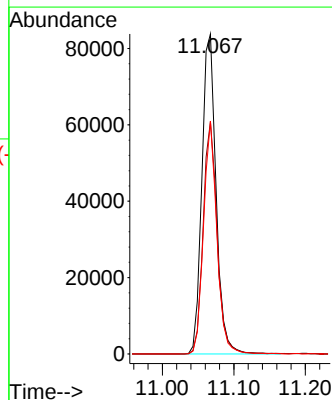
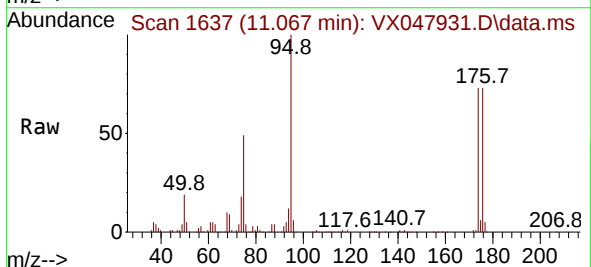
Instrument :
MSVOA_X
ClientSampleId :
RE137-20250922DL

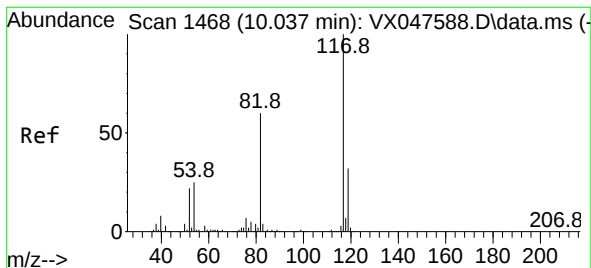
Tgt Ion: 98 Resp: 278526
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.497 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047931.D
Acq: 01 Oct 2025 12:01

Tgt Ion: 95 Resp: 115493
Ion Ratio Lower Upper
95 100
174 71.9 0.0 141.6
176 68.7 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: VX047931.D

Acq: 01 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

RE137-20250922DL

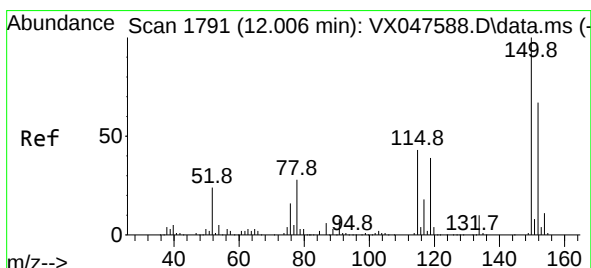
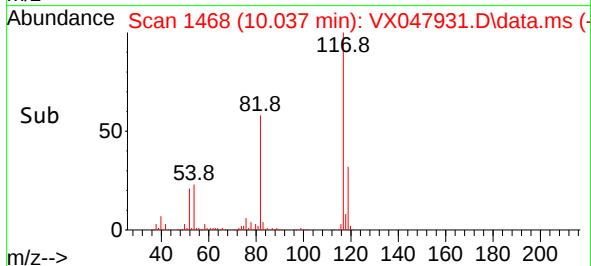
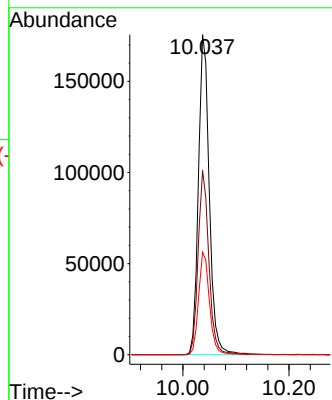
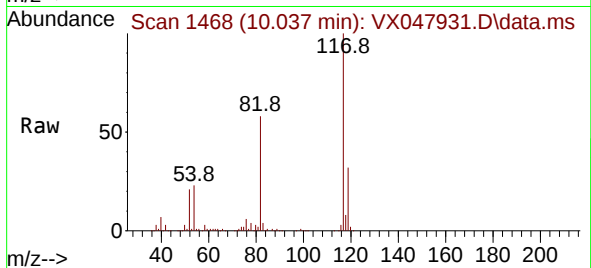
Tgt Ion:117 Resp: 249435

Ion Ratio Lower Upper

117 100

82 57.6 47.8 71.6

119 32.1 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX047931.D

Acq: 01 Oct 2025 12:01

Tgt Ion:152 Resp: 119740

Ion Ratio Lower Upper

152 100

115 62.7 44.9 134.5

150 159.5 0.0 352.0

