

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100125\
 Data File : VX047933.D
 Acq On : 01 Oct 2025 12:43
 Operator : JC/MD
 Sample : Q3193-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT149S1-20250922

Quant Time: Oct 03 01:19:50 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)

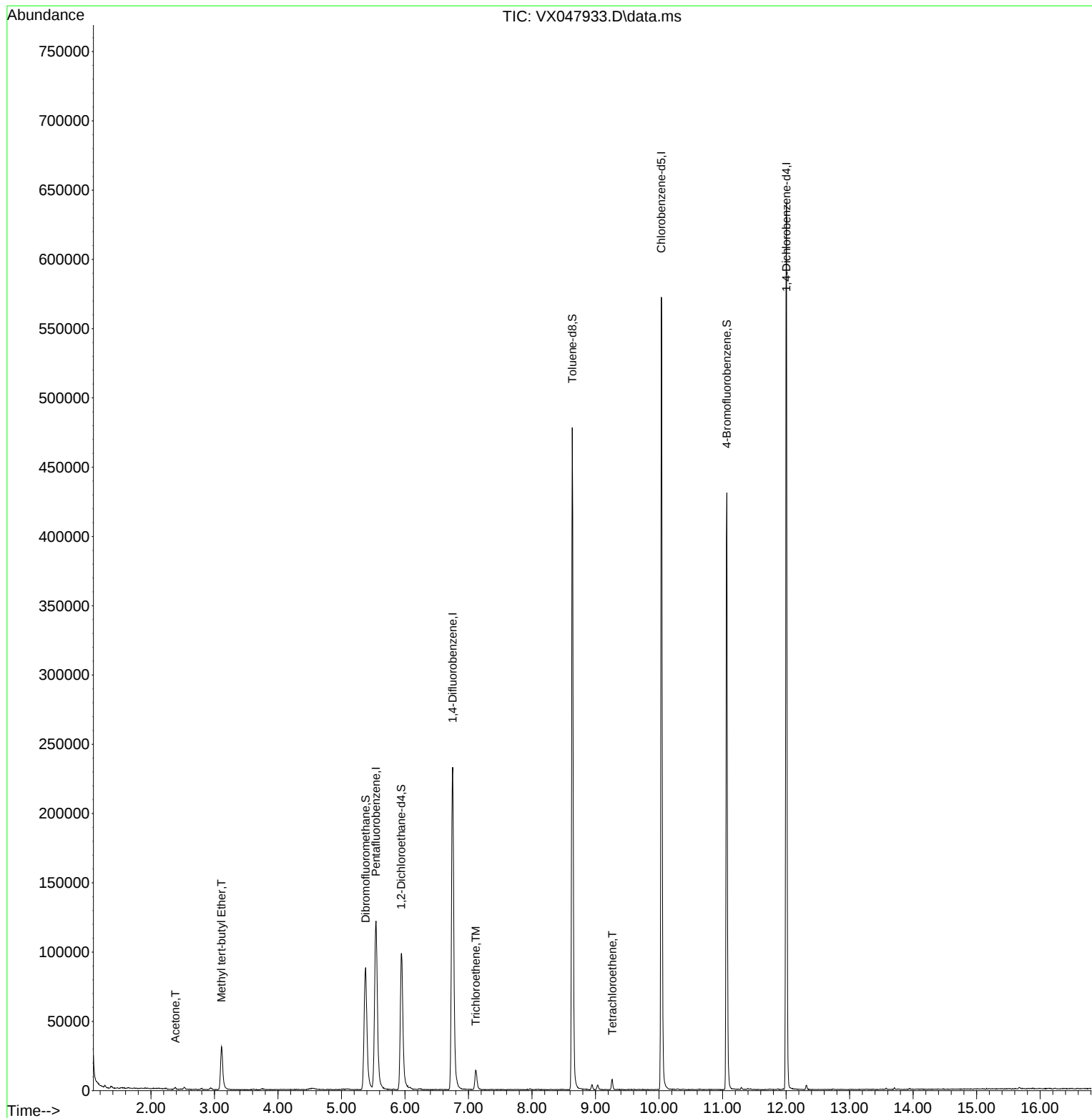
Internal Standards						
1) Pentafluorobenzene	5.544	168	121776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	256925	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	264472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	132812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	108910	56.186	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.380%
35) Dibromofluoromethane	5.379	113	86568	50.240	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.480%
50) Toluene-d8	8.634	98	290629	48.745	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.500%
62) 4-Bromofluorobenzene	11.067	95	123665	54.652	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.300%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1668	1.979	ug/l #	73
19) Methyl tert-butyl Ether	3.111	73	36698	6.948	ug/l	97
44) Trichloroethene	7.116	130	6320	3.418	ug/l	95
64) Tetrachloroethene	9.262	164	1408	0.817	ug/l #	91

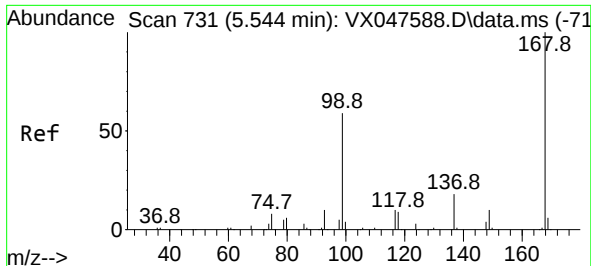
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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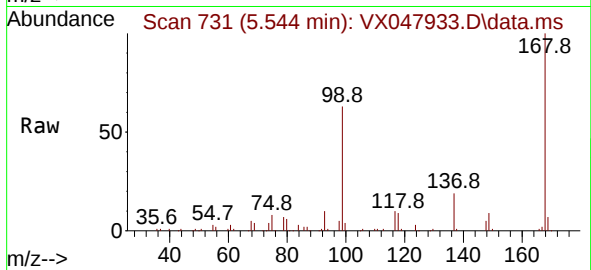
Quant Time: Oct 03 01:19:50 2025
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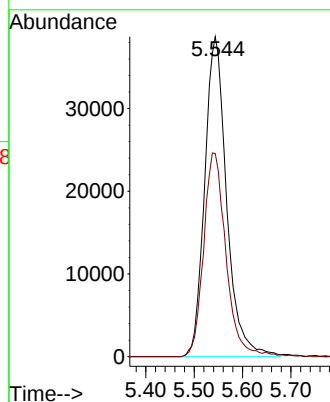
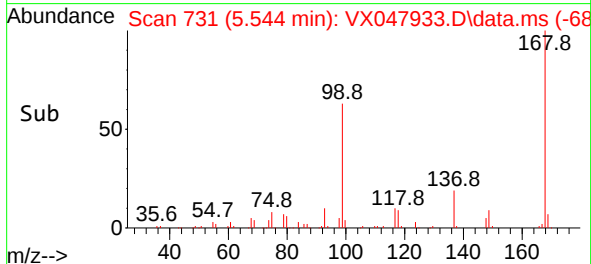


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047933.D
Acq: 01 Oct 2025 12:43

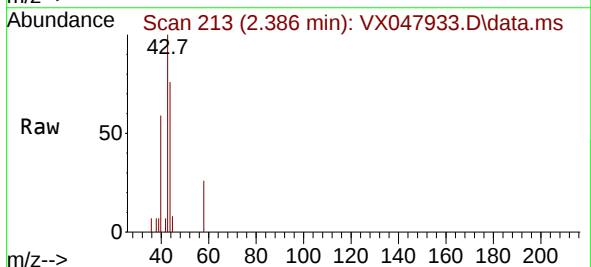
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20250922



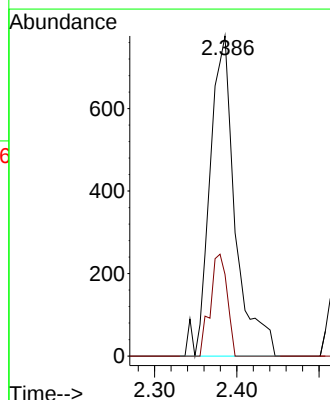
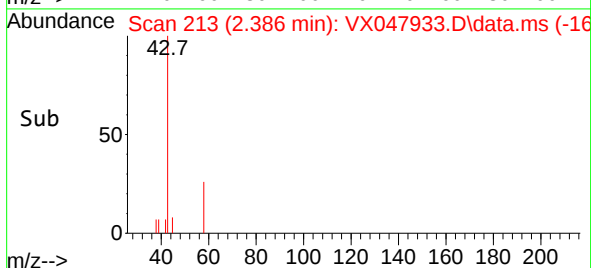
Tgt Ion:168 Resp: 121776
Ion Ratio Lower Upper
168 100
99 63.5 48.8 73.2

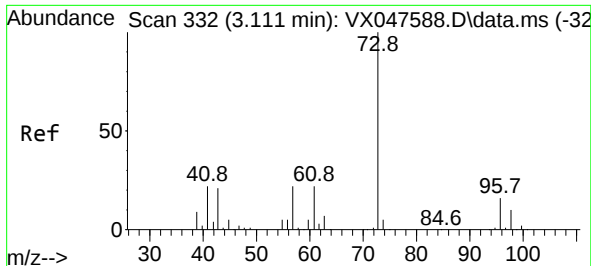


#16
Acetone
Concen: 1.979 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX047933.D
Acq: 01 Oct 2025 12:43



Tgt Ion: 43 Resp: 1668
Ion Ratio Lower Upper
43 100
58 14.5 23.4 35.0#

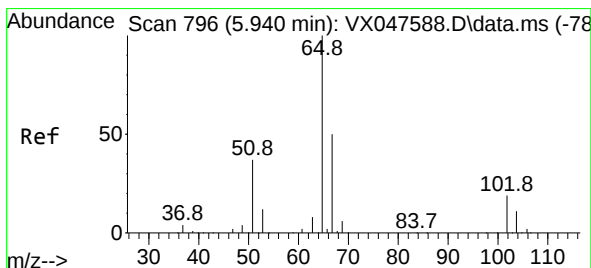
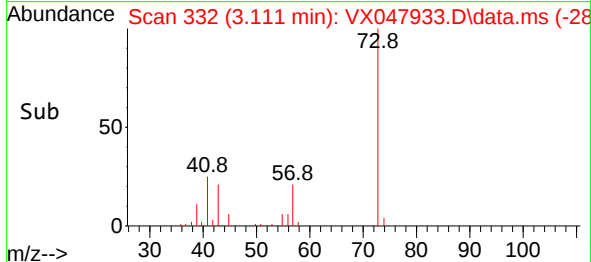
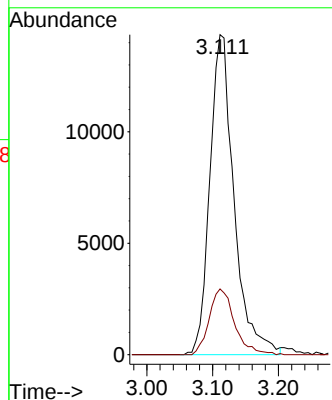
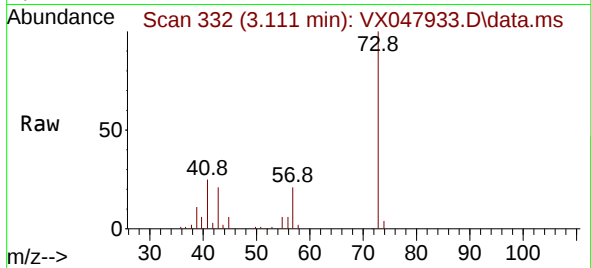




#19
Methyl tert-butyl Ether
Concen: 6.948 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX047933.D
Acq: 01 Oct 2025 12:43

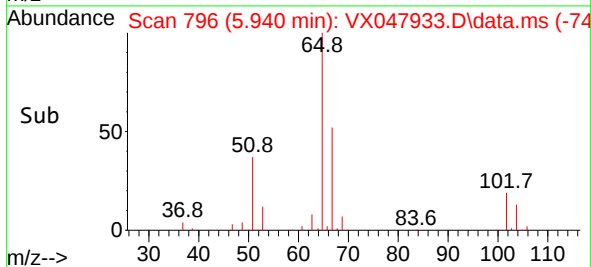
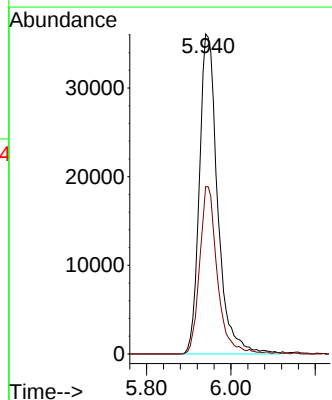
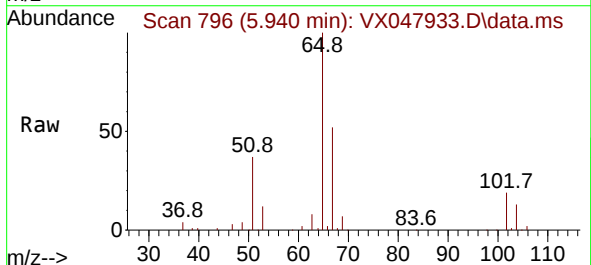
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20250922

Tgt Ion: 73 Resp: 36698
Ion Ratio Lower Upper
73 100
57 20.6 17.4 26.2



#33
1,2-Dichloroethane-d4
Concen: 56.186 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047933.D
Acq: 01 Oct 2025 12:43

Tgt Ion: 65 Resp: 108910
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.0

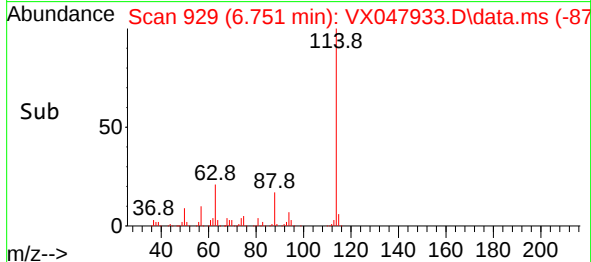
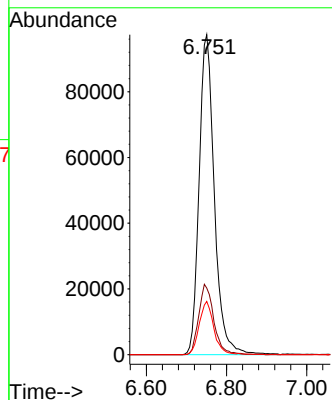
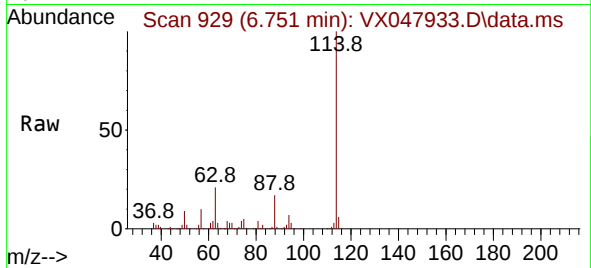




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047933.D
Acq: 01 Oct 2025 12:43

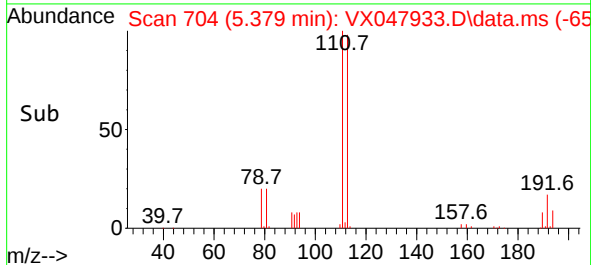
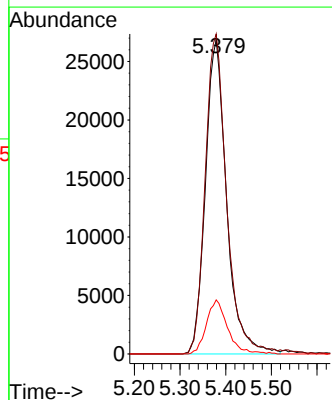
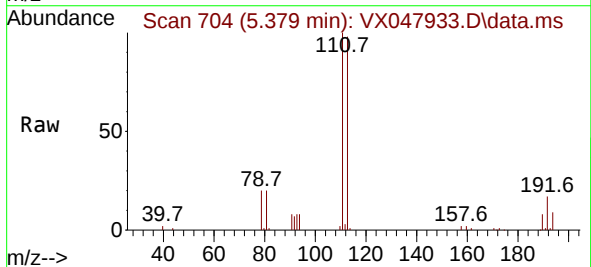
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20250922

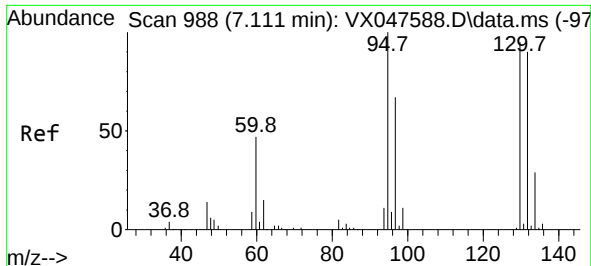
Tgt Ion:114 Resp: 256925
Ion Ratio Lower Upper
114 100
63 20.8 0.0 44.0
88 16.7 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.240 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047933.D
Acq: 01 Oct 2025 12:43

Tgt Ion:113 Resp: 86568
Ion Ratio Lower Upper
113 100
111 102.8 80.9 121.3
192 17.3 14.2 21.4

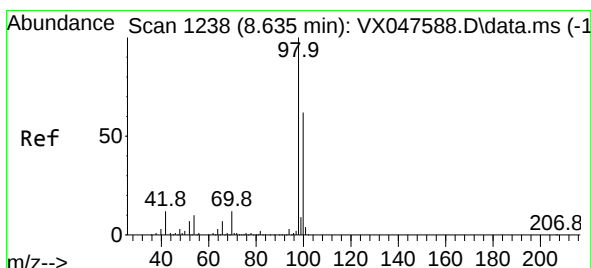
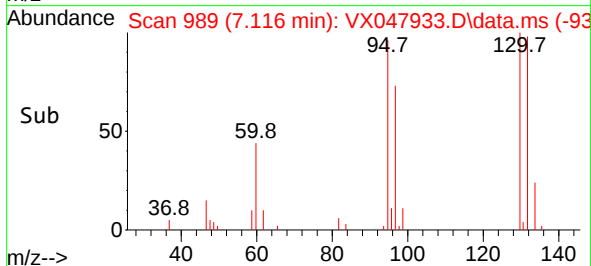
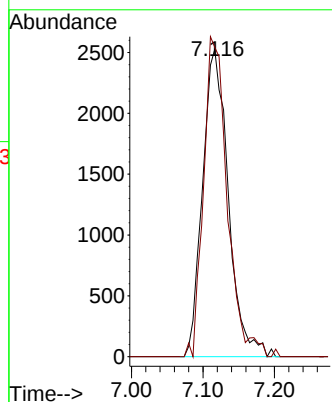
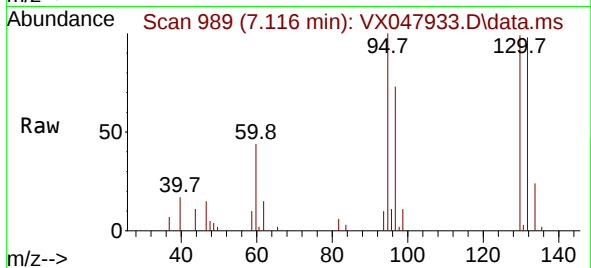




#44
Trichloroethene
Concen: 3.418 ug/l
RT: 7.116 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047933.D
Acq: 01 Oct 2025 12:43

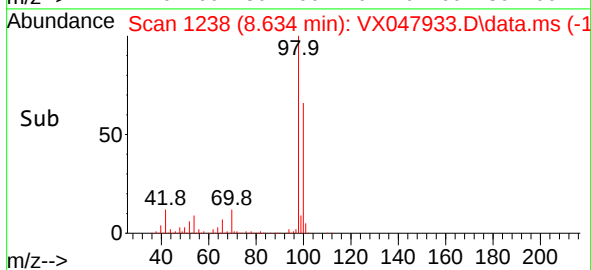
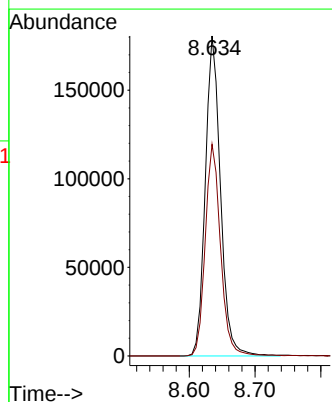
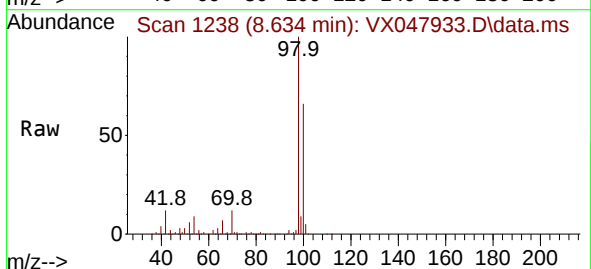
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20250922

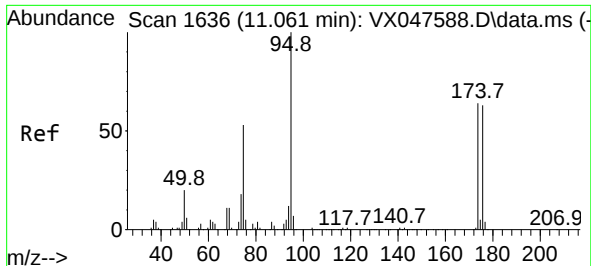
Tgt Ion:130 Resp: 6320
Ion Ratio Lower Upper
130 100
95 100.6 0.0 210.8



#50
Toluene-d8
Concen: 48.745 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047933.D
Acq: 01 Oct 2025 12:43

Tgt Ion: 98 Resp: 290629
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 54.652 ug/l

RT: 11.067 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX047933.D

Acq: 01 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

TT149S1-20250922

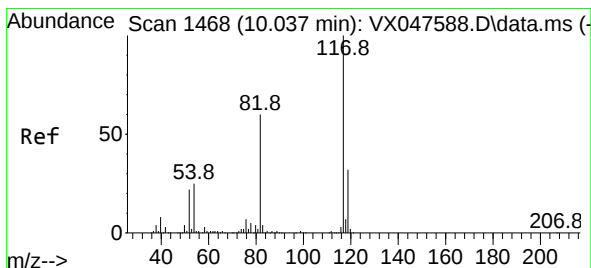
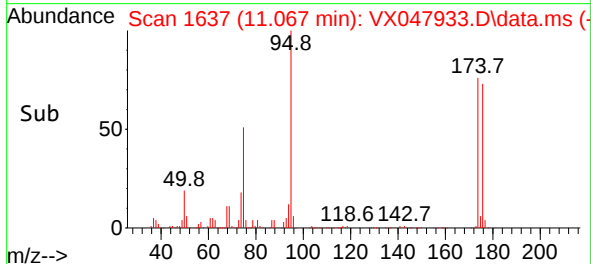
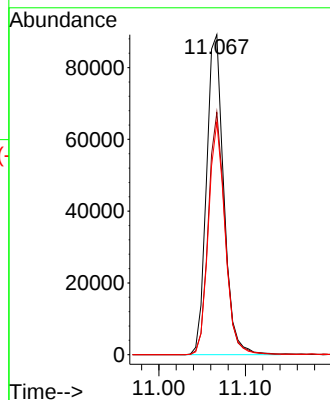
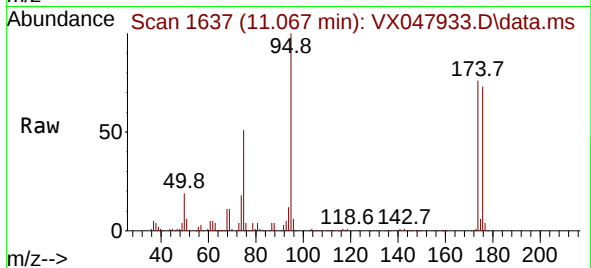
Tgt Ion: 95 Resp: 123665

Ion Ratio Lower Upper

95 100

174 73.3 0.0 141.6

176 70.5 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: VX047933.D

Acq: 01 Oct 2025 12:43

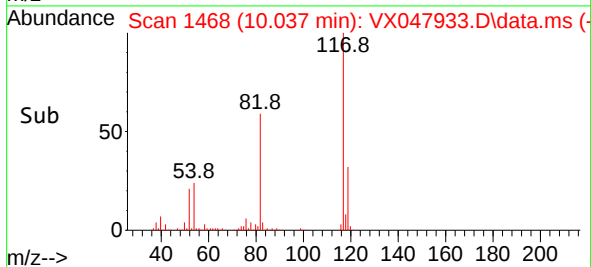
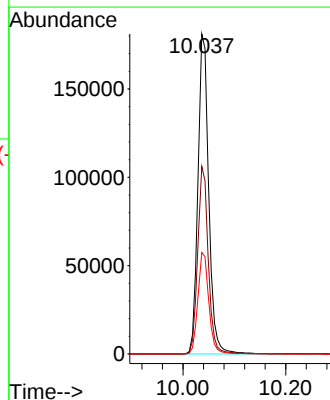
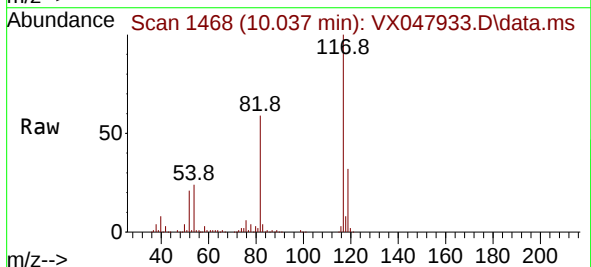
Tgt Ion: 117 Resp: 264472

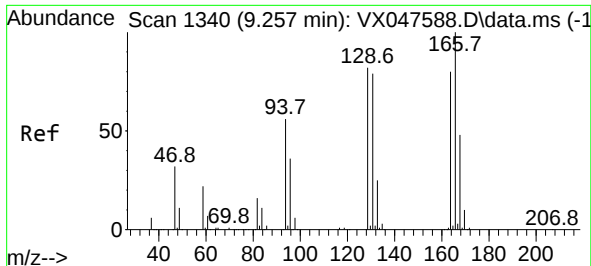
Ion Ratio Lower Upper

117 100

82 58.6 47.8 71.6

119 31.7 25.2 37.8

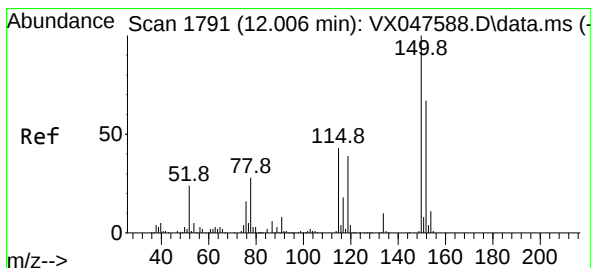
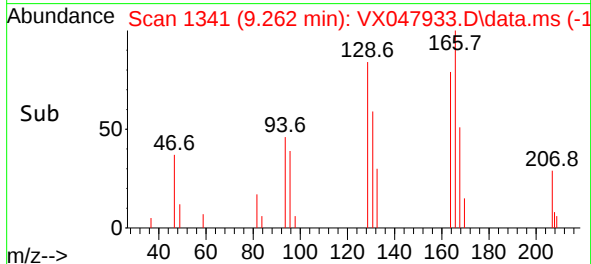
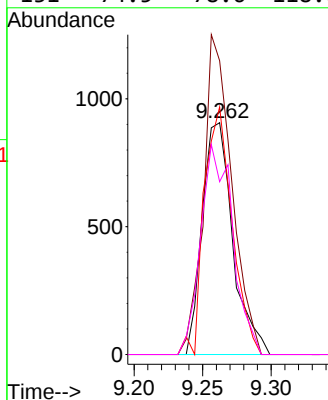
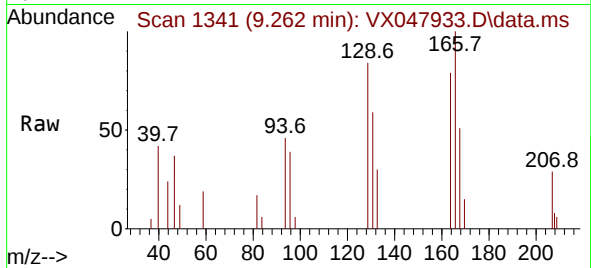




#64
Tetrachloroethene
Concen: 0.817 ug/l
RT: 9.262 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047933.D
Acq: 01 Oct 2025 12:43

Instrument :
MSVOA_X
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Tgt Ion:164 Resp: 1408
Ion Ratio Lower Upper
164 100
166 126.7 100.2 150.2
129 106.7 81.8 122.6
131 74.5 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: VX047933.D
Acq: 01 Oct 2025 12:43

Tgt Ion:152 Resp: 132812
Ion Ratio Lower Upper
152 100
115 61.4 44.9 134.5
150 157.4 0.0 352.0

