

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
 Data File : VX047922.D
 Acq On : 30 Sep 2025 19:09
 Operator : JC/MD
 Sample : Q3193-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT149S1-20250922

Quant Time: Oct 01 01:16:56 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)

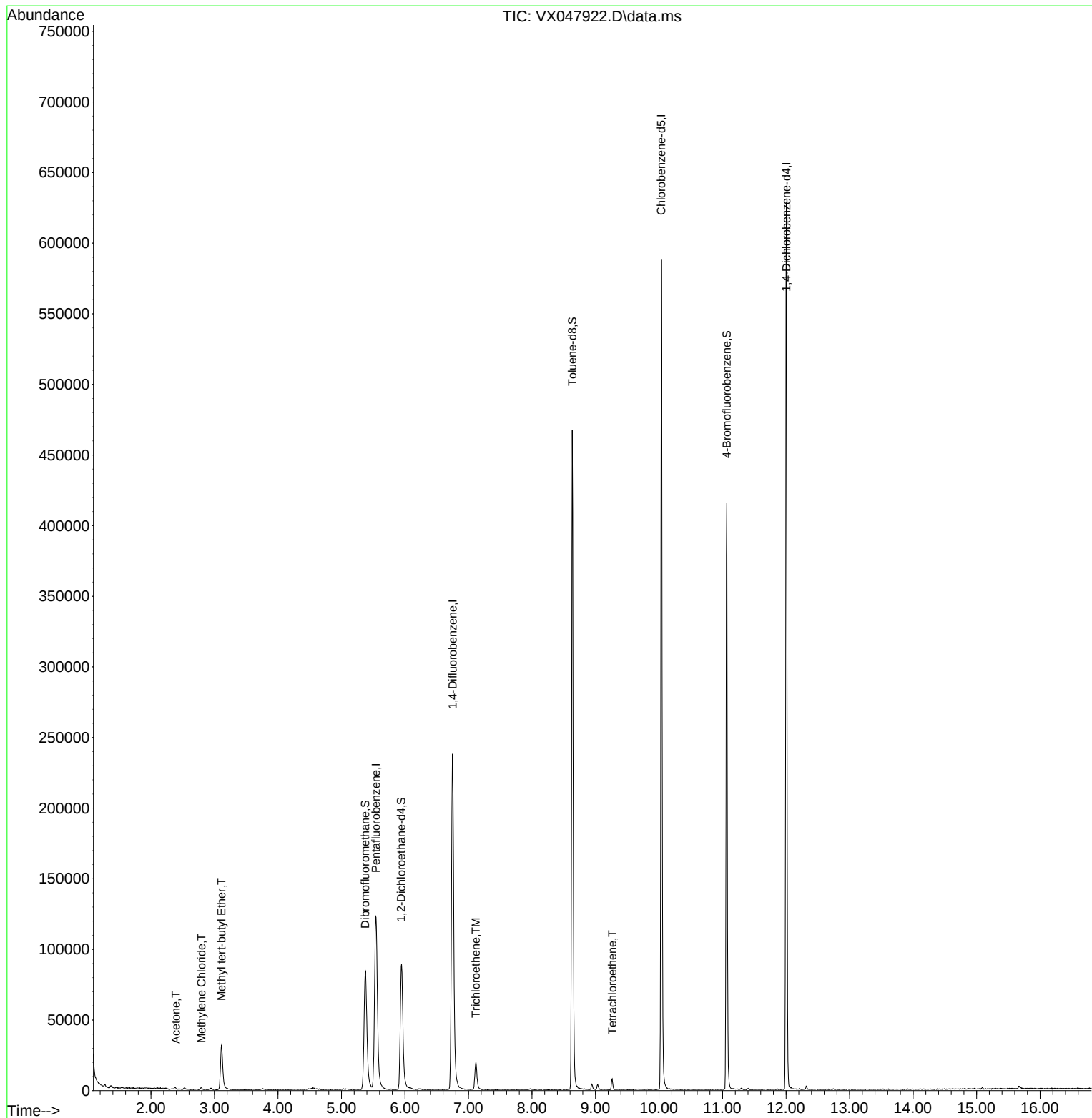
Internal Standards						
1) Pentafluorobenzene	5.544	168	125126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	260433	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	266240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	130383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	98804	49.608	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.220%
35) Dibromofluoromethane	5.373	113	83273	47.677	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.360%
50) Toluene-d8	8.635	98	283675	46.938	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.880%
62) 4-Bromofluorobenzene	11.067	95	119438	52.073	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.140%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	2100	2.425	ug/l #	66
19) Methyl tert-butyl Ether	3.111	73	36460	6.718	ug/l	97
20) Methylene Chloride	2.794	84	654	0.357	ug/l #	84
44) Trichloroethene	7.117	130	7968	4.252	ug/l	96
64) Tetrachloroethene	9.262	164	1376	0.793	ug/l	96

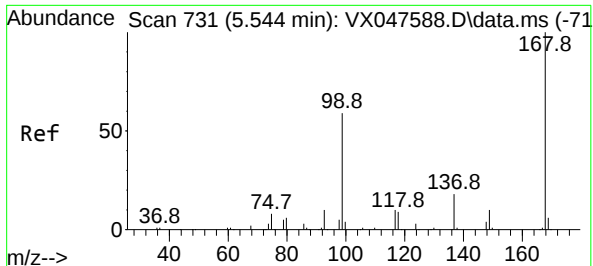
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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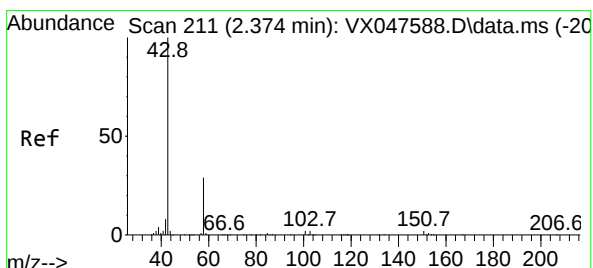
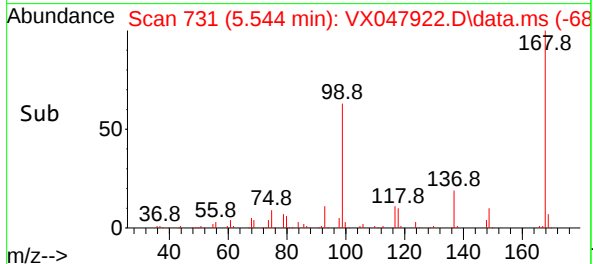
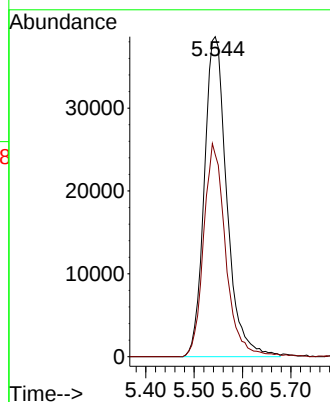
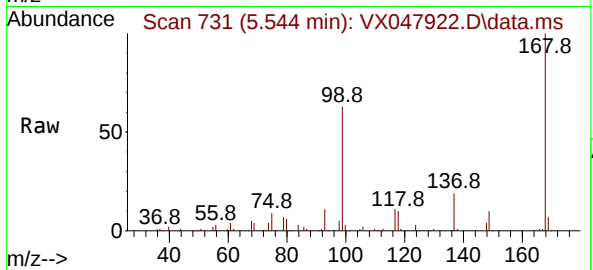




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047922.D
Acq: 30 Sep 2025 19:09

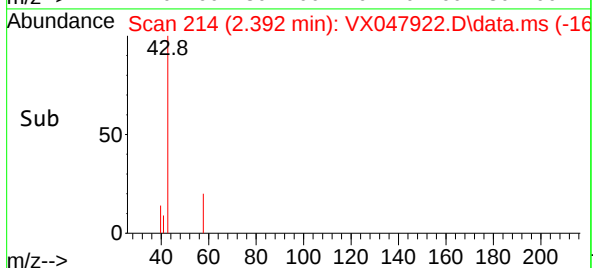
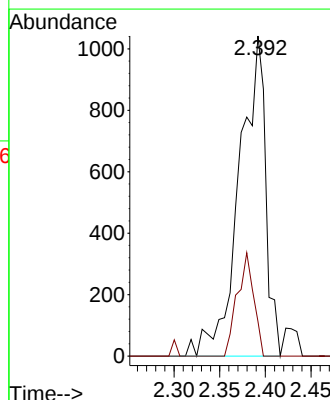
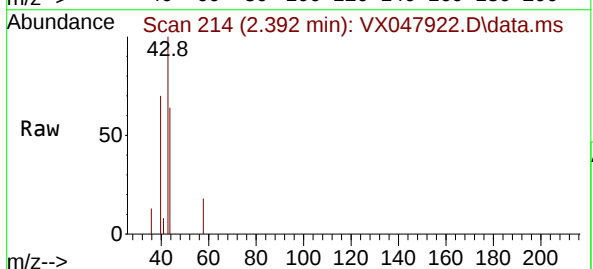
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20250922

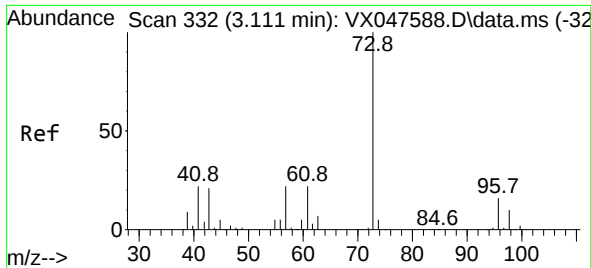
Tgt Ion:168 Resp: 125126
Ion Ratio Lower Upper
168 100
99 63.2 48.8 73.2



#16
Acetone
Concen: 2.425 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.018 min
Lab File: VX047922.D
Acq: 30 Sep 2025 19:09

Tgt Ion: 43 Resp: 2100
Ion Ratio Lower Upper
43 100
58 10.8 23.4 35.0#

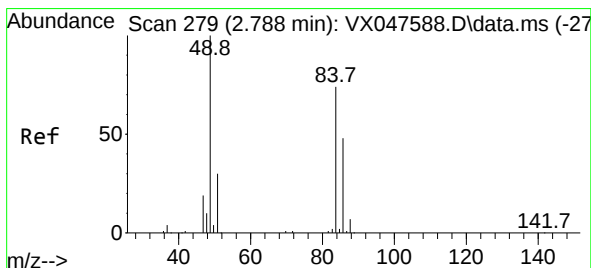
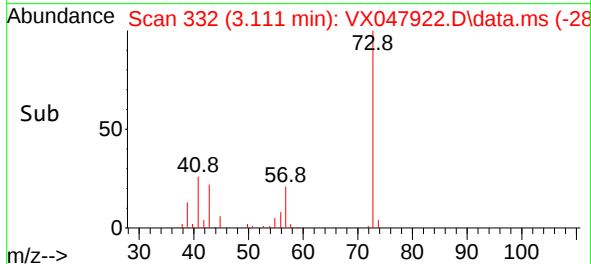
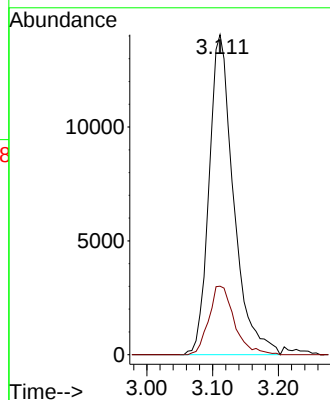
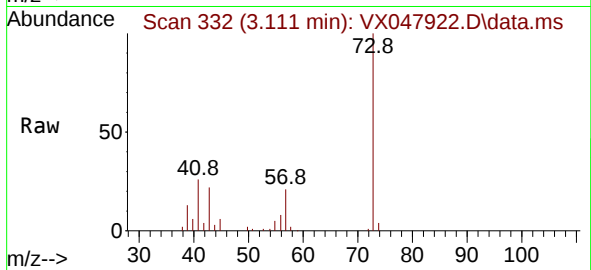




#19
Methyl tert-butyl Ether
Concen: 6.718 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047922.D
Acq: 30 Sep 2025 19:09

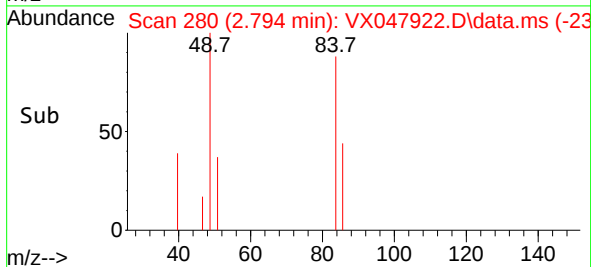
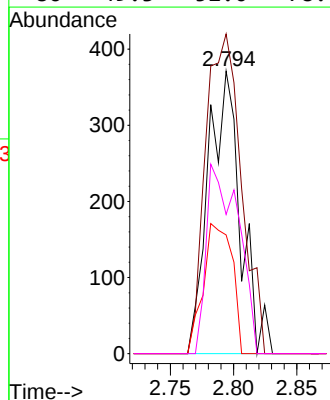
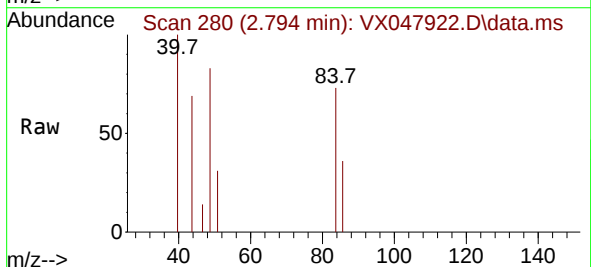
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20250922

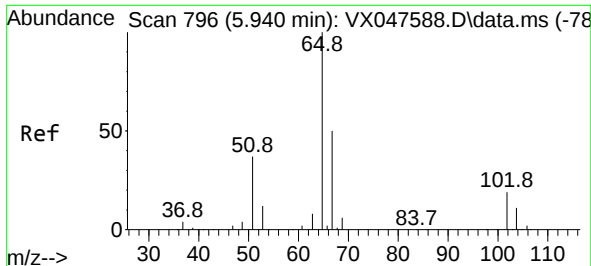
Tgt Ion: 73 Resp: 36460
Ion Ratio Lower Upper
73 100
57 23.1 17.4 26.2



#20
Methylene Chloride
Concen: 0.357 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX047922.D
Acq: 30 Sep 2025 19:09

Tgt Ion: 84 Resp: 654
Ion Ratio Lower Upper
84 100
49 113.2 108.6 162.8
51 42.0 32.6 48.8
86 49.3 52.0 78.0#





#33

1,2-Dichloroethane-d4

Concen: 49.608 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX047922.D

Acq: 30 Sep 2025 19:09

Instrument :

MSVOA_X

ClientSampleId :

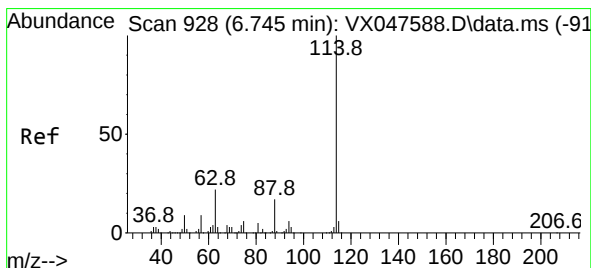
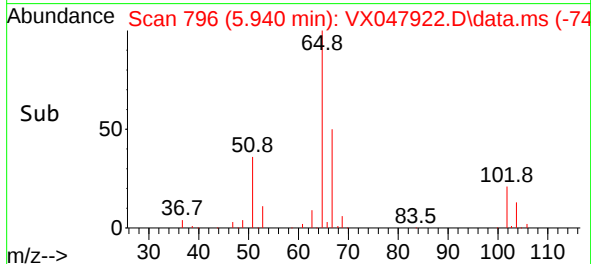
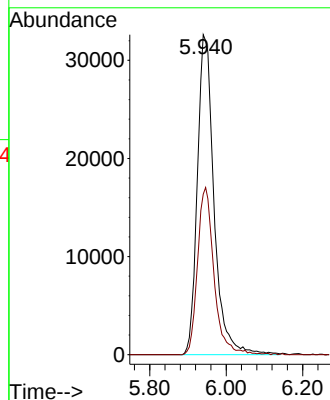
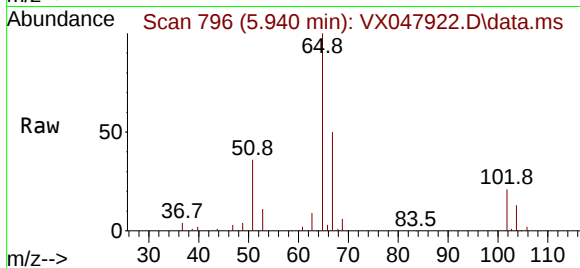
TT149S1-20250922

Tgt Ion: 65 Resp: 98804

Ion Ratio Lower Upper

65 100

67 51.4 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: VX047922.D

Acq: 30 Sep 2025 19:09

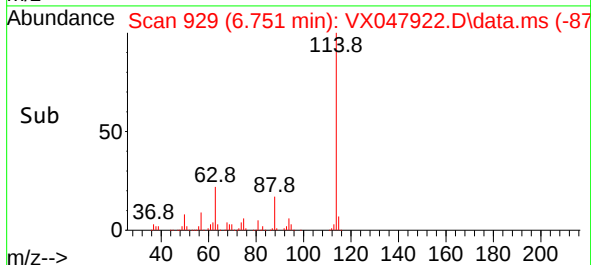
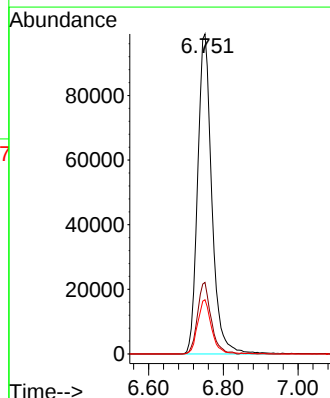
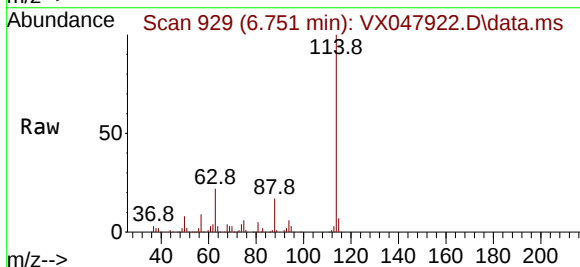
Tgt Ion: 114 Resp: 260433

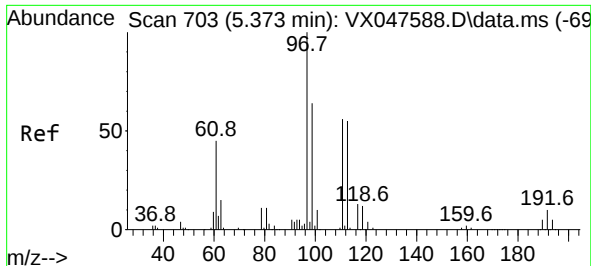
Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.0

88 17.0 0.0 34.2

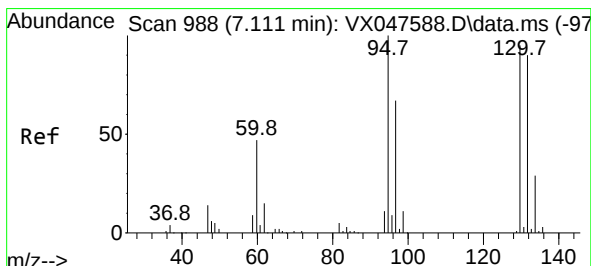
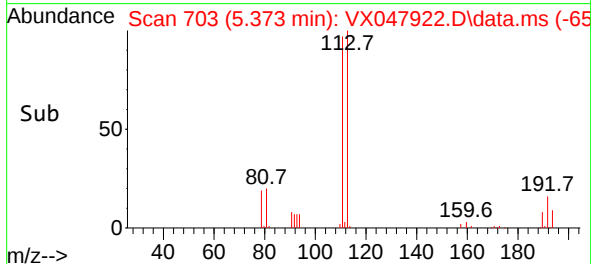
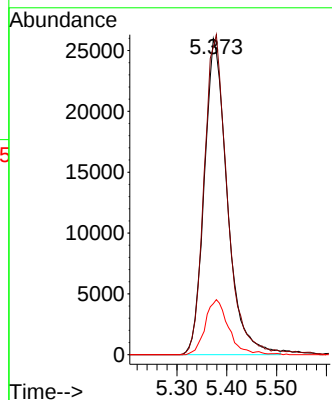
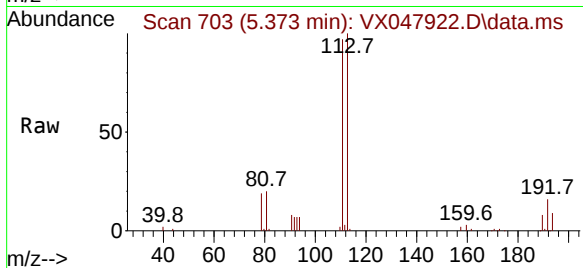




#35
Dibromofluoromethane
Concen: 47.677 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047922.D
Acq: 30 Sep 2025 19:09

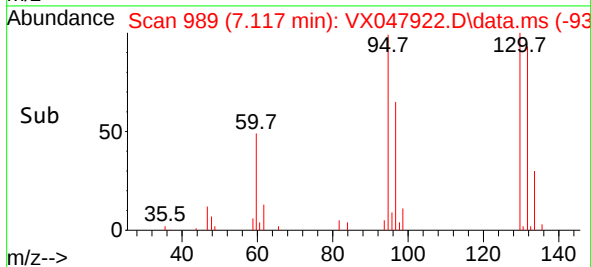
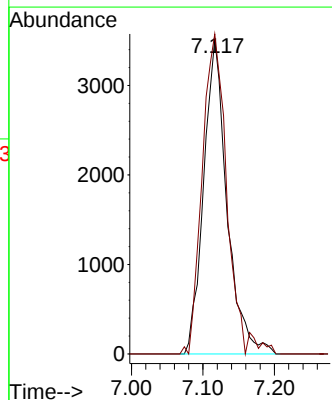
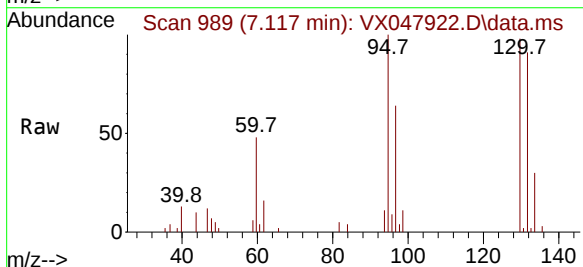
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20250922

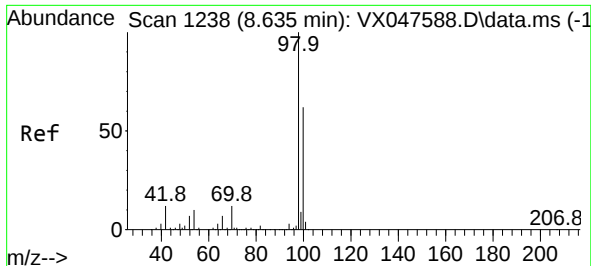
Tgt Ion:113 Resp: 83273
Ion Ratio Lower Upper
113 100
111 102.5 80.9 121.3
192 17.6 14.2 21.4



#44
Trichloroethene
Concen: 4.252 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX047922.D
Acq: 30 Sep 2025 19:09

Tgt Ion:130 Resp: 7968
Ion Ratio Lower Upper
130 100
95 101.6 0.0 210.8

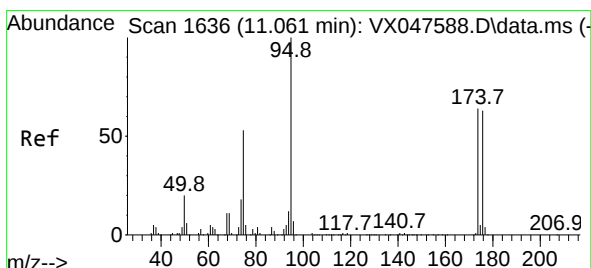
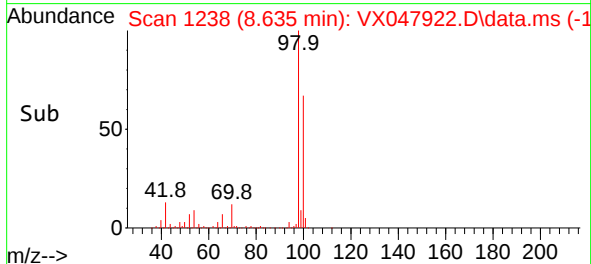
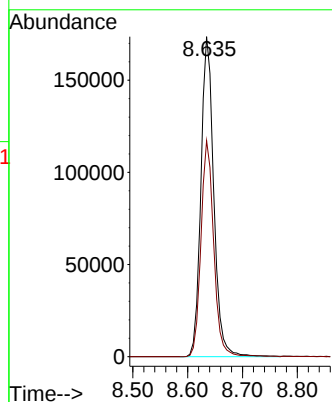
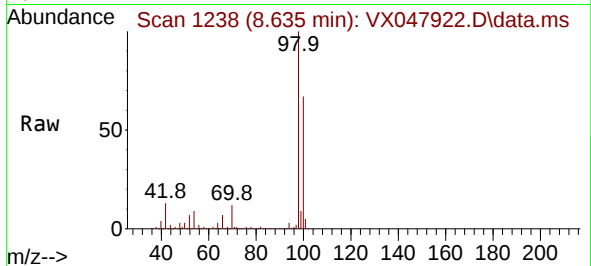




#50
Toluene-d8
Concen: 46.938 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047922.D
Acq: 30 Sep 2025 19:09

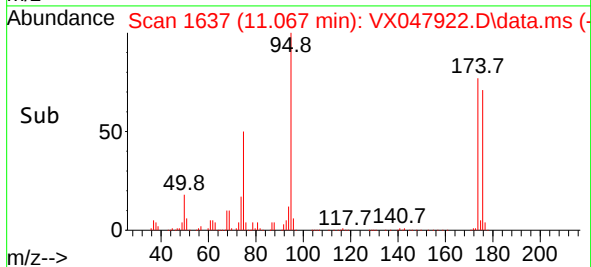
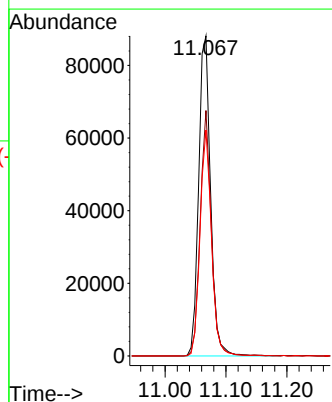
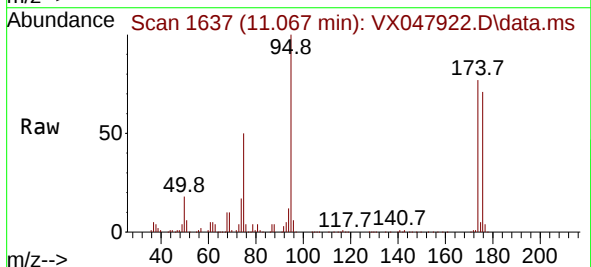
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20250922

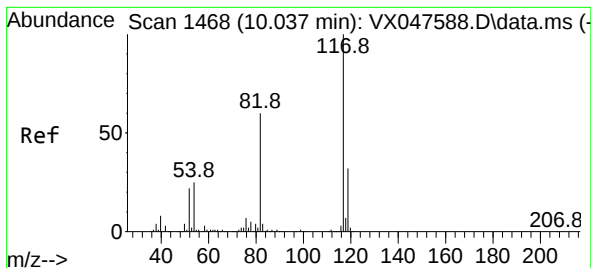
Tgt Ion: 98 Resp: 283675
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.073 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047922.D
Acq: 30 Sep 2025 19:09

Tgt Ion: 95 Resp: 119438
Ion Ratio Lower Upper
95 100
174 72.0 0.0 141.6
176 67.9 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: VX047922.D

Acq: 30 Sep 2025 19:09

Instrument :

MSVOA_X

ClientSampleId :

TT149S1-20250922

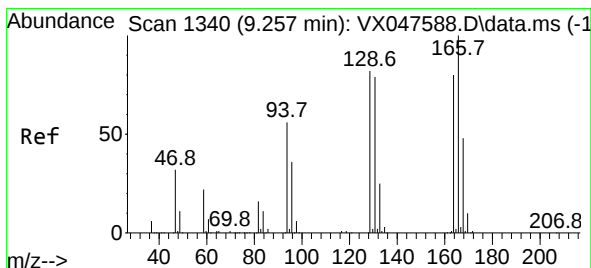
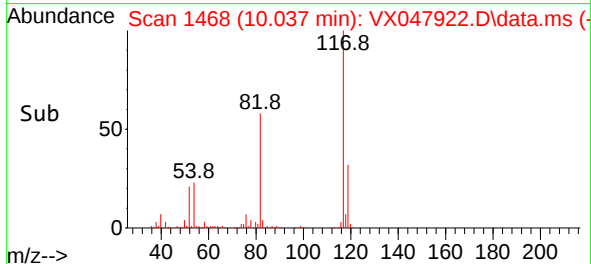
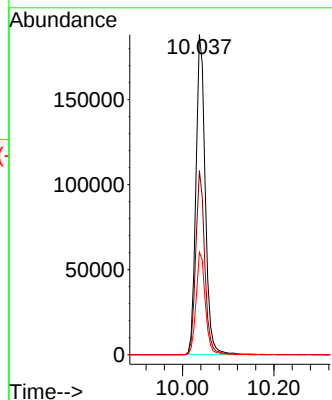
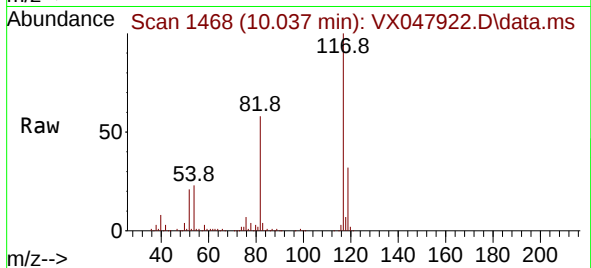
Tgt Ion:117 Resp: 266240

Ion Ratio Lower Upper

117 100

82 57.5 47.8 71.6

119 32.0 25.2 37.8



#64

Tetrachloroethene

Concen: 0.793 ug/l

RT: 9.262 min Scan# 1341

Delta R.T. 0.006 min

Lab File: VX047922.D

Acq: 30 Sep 2025 19:09

Tgt Ion:164 Resp: 1376

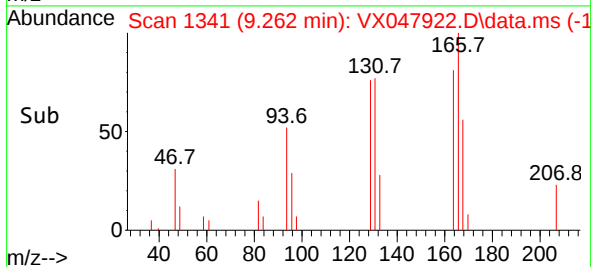
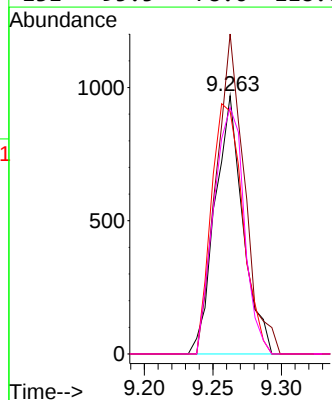
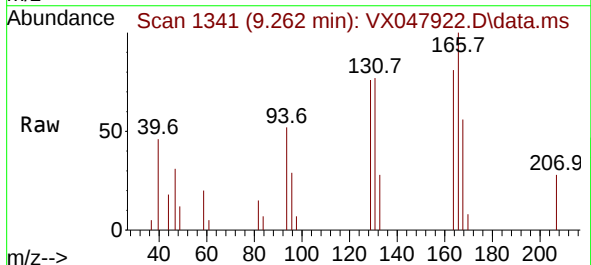
Ion Ratio Lower Upper

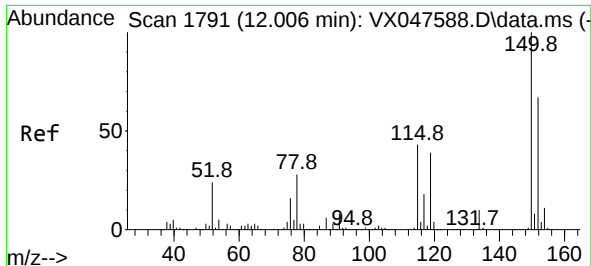
164 100

166 123.9 100.2 150.2

129 94.0 81.8 122.6

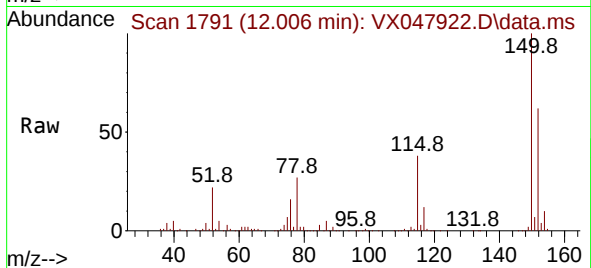
131 95.5 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047922.D
 Acq: 30 Sep 2025 19:09

Instrument :
 MSVOA_X
 ClientSampleId :
 TT149S1-20250922



Tgt Ion:152 Resp: 130383
 Ion Ratio Lower Upper
 152 100
 115 63.0 44.9 134.5
 150 156.6 0.0 352.0

