

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047724.D
 Acq On : 23 Sep 2025 11:36
 Operator : JC/MD
 Sample : Q3097-01DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20250911DL

Quant Time: Sep 24 01:29:22 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)

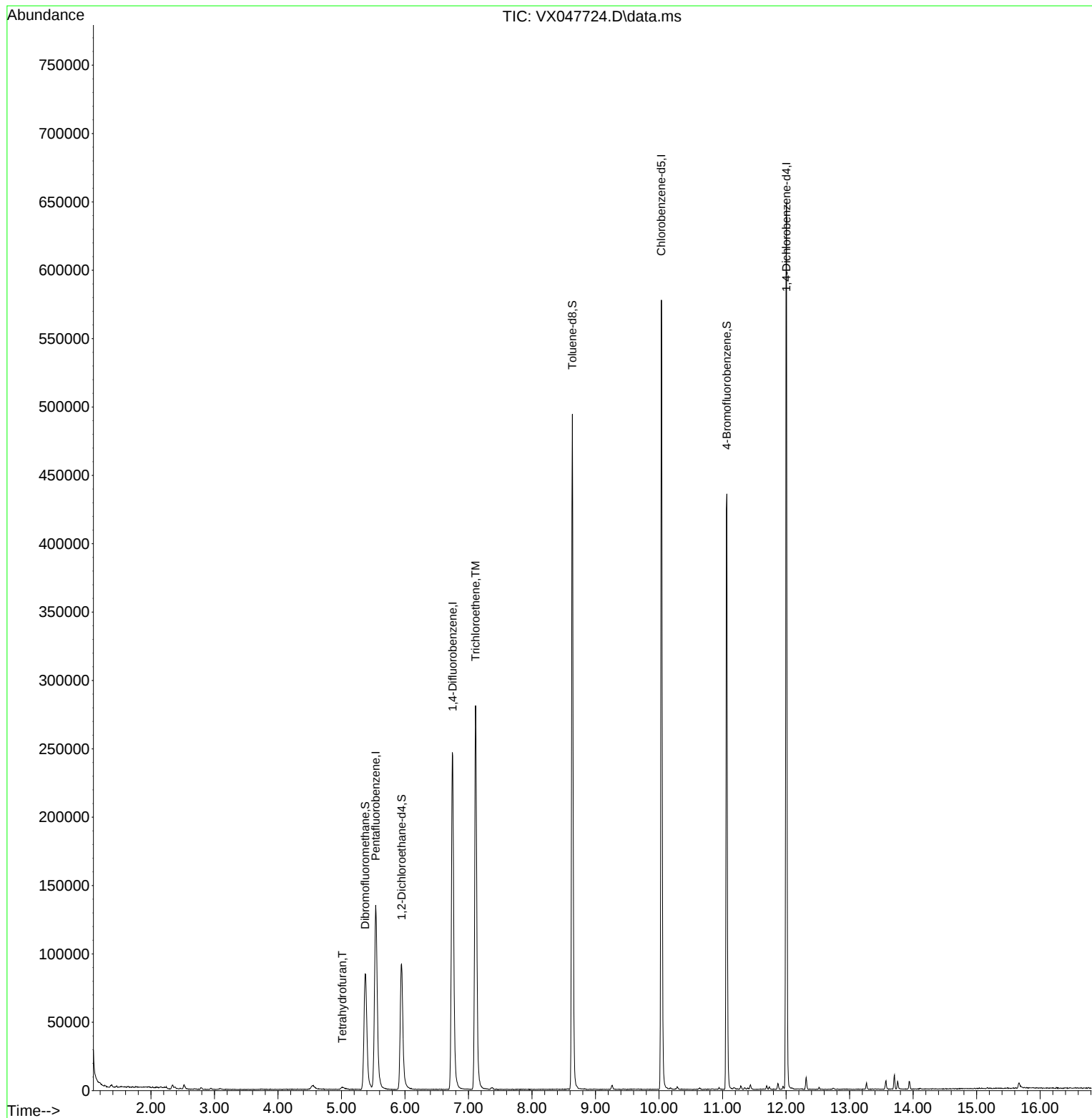
Internal Standards						
1) Pentafluorobenzene	5.538	168	133561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	270653	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	268877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	132316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	101290	47.644	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.280%
35) Dibromofluoromethane	5.373	113	85250	46.966	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.940%
50) Toluene-d8	8.635	98	301245	47.963	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.920%
62) 4-Bromofluorobenzene	11.067	95	126537	53.085	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.180%
Target Compounds						
29) Tetrahydrofuran	5.013	42	1926	2.777	ug/l #	87
44) Trichloroethene	7.110	130	114679	58.882	ug/l	97

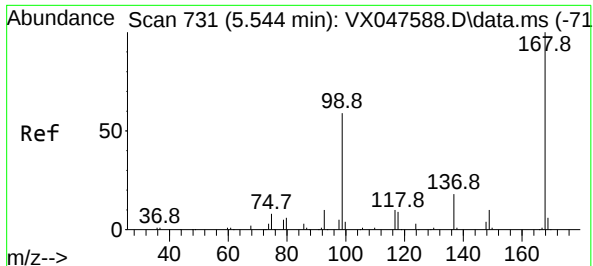
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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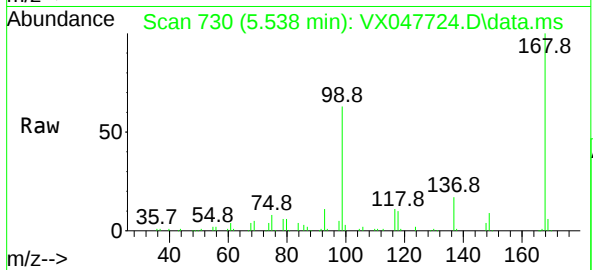
Quant Time: Sep 24 01:29:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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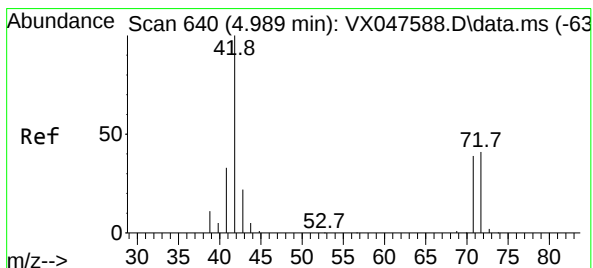
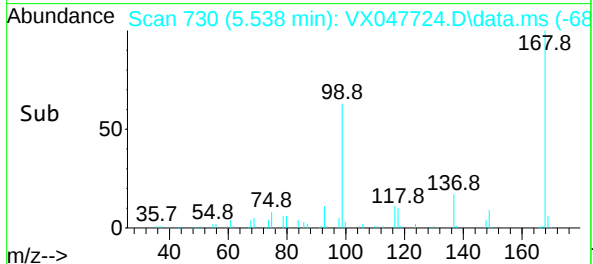
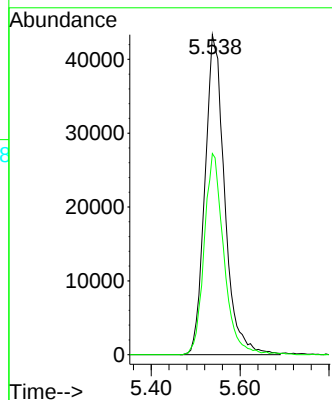


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047724.D
Acq: 23 Sep 2025 11:36

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911DL

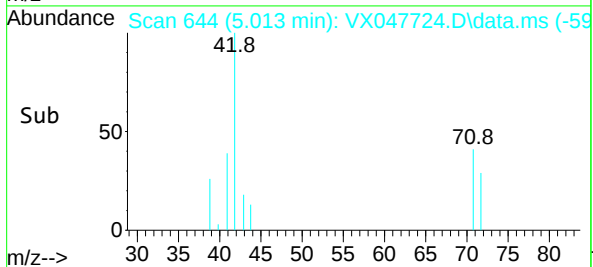
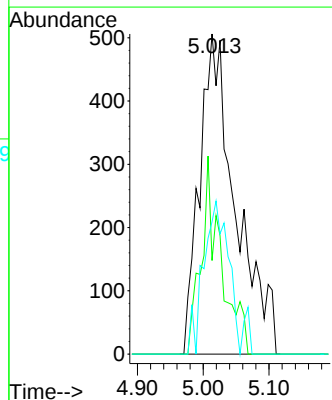
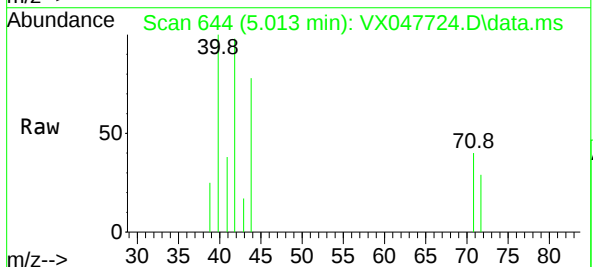


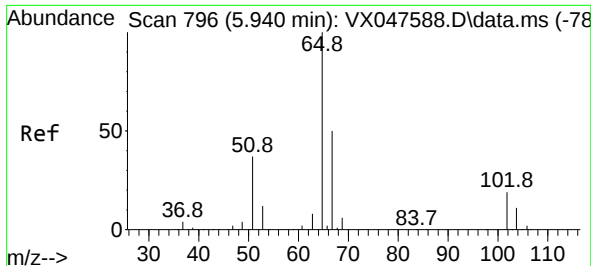
Tgt Ion:168 Resp: 133561
Ion Ratio Lower Upper
168 100
99 62.8 48.8 73.2



#29
Tetrahydrofuran
Concen: 2.777 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.024 min
Lab File: VX047724.D
Acq: 23 Sep 2025 11:36

Tgt Ion: 42 Resp: 1926
Ion Ratio Lower Upper
42 100
72 34.1 34.2 51.2#
71 32.8 31.9 47.9

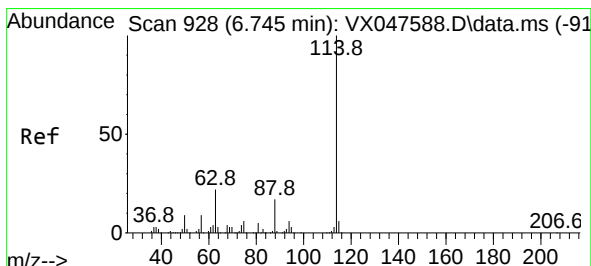
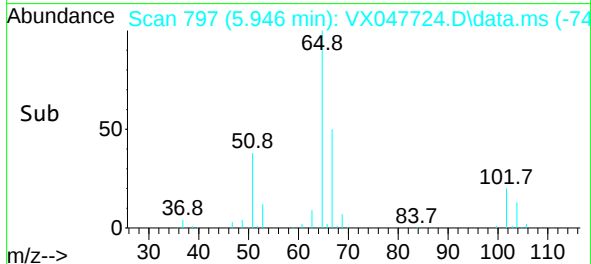
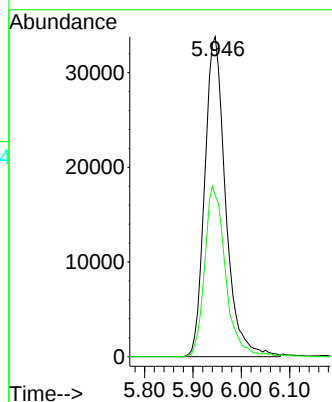
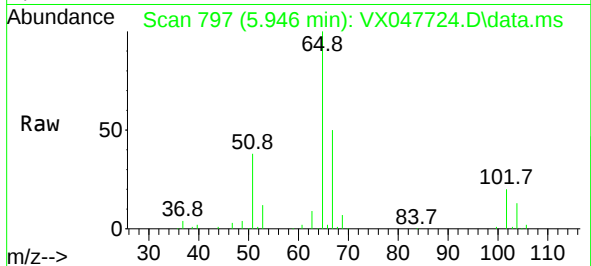




#33
1,2-Dichloroethane-d4
Concen: 47.644 ug/l
RT: 5.946 min Scan# 796
Delta R.T. 0.006 min
Lab File: VX047724.D
Acq: 23 Sep 2025 11:36

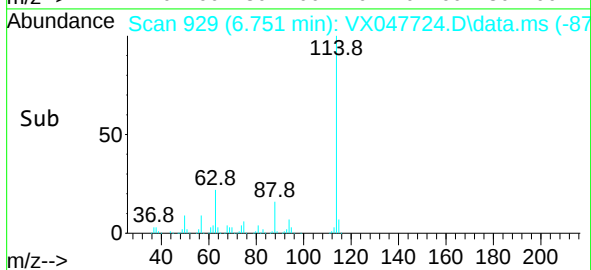
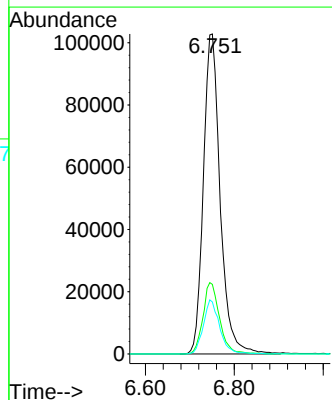
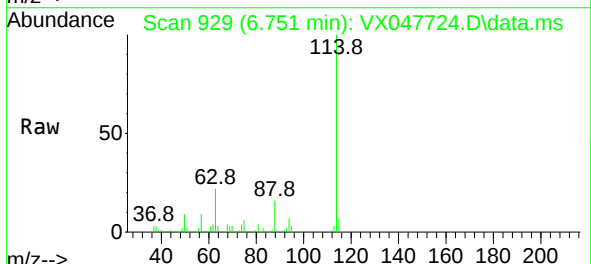
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911DL

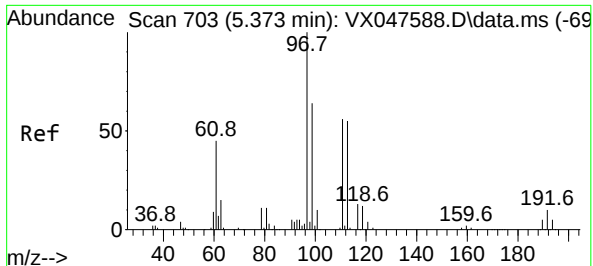
Tgt Ion: 65 Resp: 101290
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX047724.D
Acq: 23 Sep 2025 11:36

Tgt Ion: 114 Resp: 270653
Ion Ratio Lower Upper
114 100
63 21.7 0.0 44.0
88 16.2 0.0 34.2

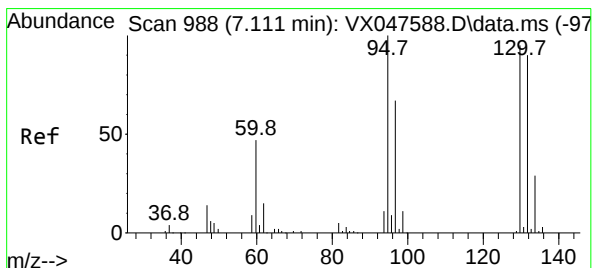
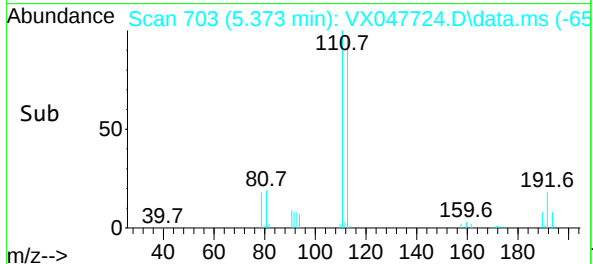
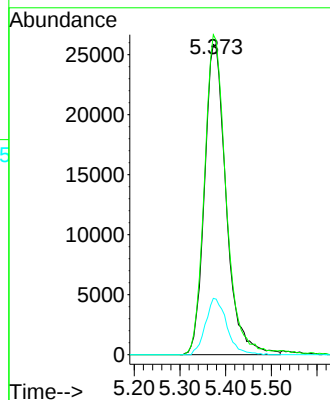
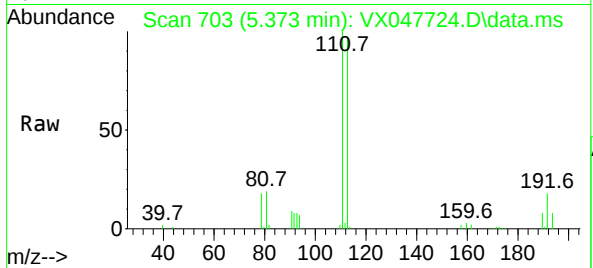




#35
Dibromofluoromethane
Concen: 46.966 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047724.D
Acq: 23 Sep 2025 11:36

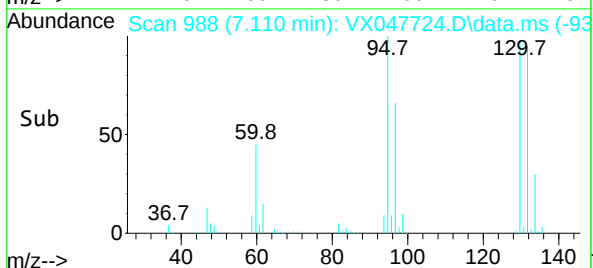
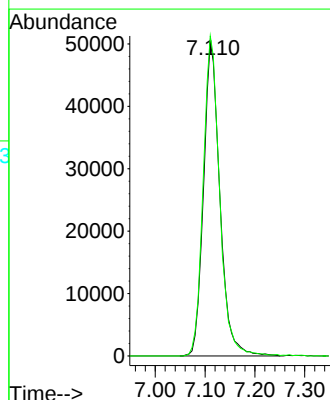
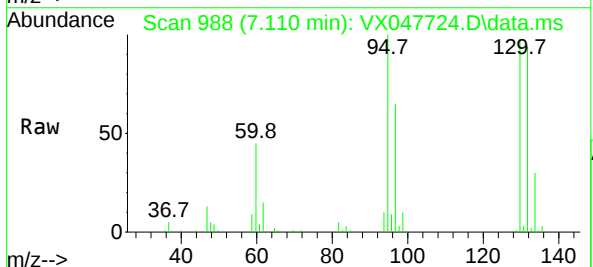
Instrument :
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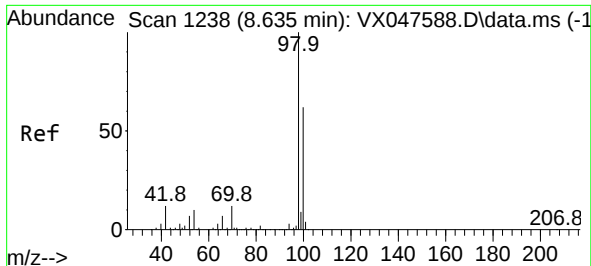
Tgt Ion:113 Resp: 85250
Ion Ratio Lower Upper
113 100
111 102.6 80.9 121.3
192 17.8 14.2 21.4



#44
Trichloroethene
Concen: 58.882 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047724.D
Acq: 23 Sep 2025 11:36

Tgt Ion:130 Resp: 114679
Ion Ratio Lower Upper
130 100
95 101.8 0.0 210.8

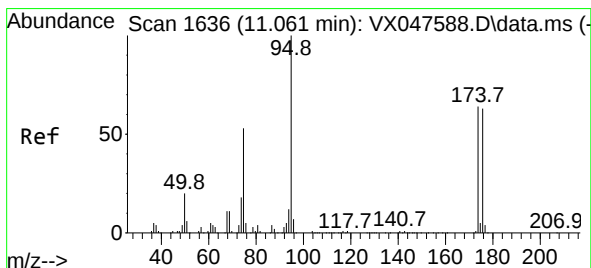
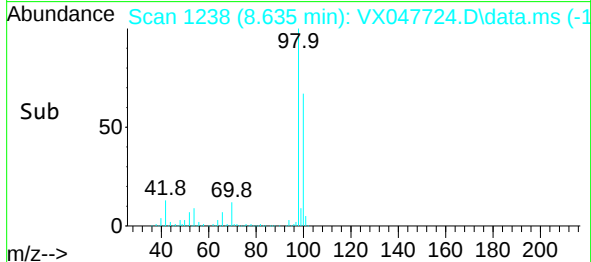
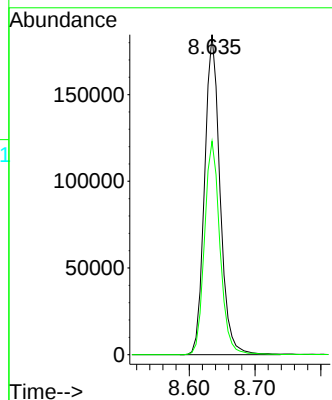
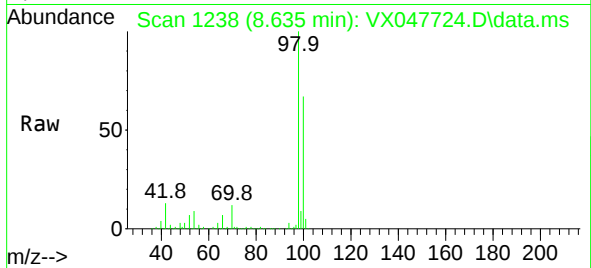




#50
Toluene-d8
Concen: 47.963 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047724.D
Acq: 23 Sep 2025 11:36

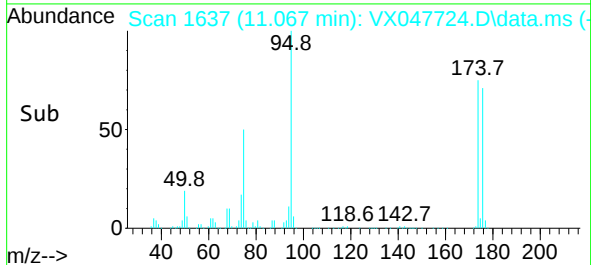
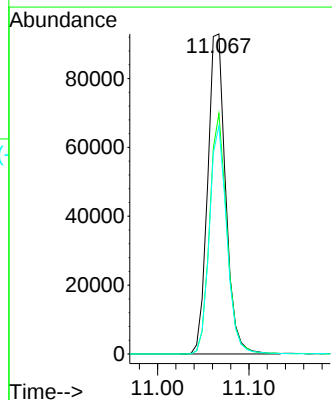
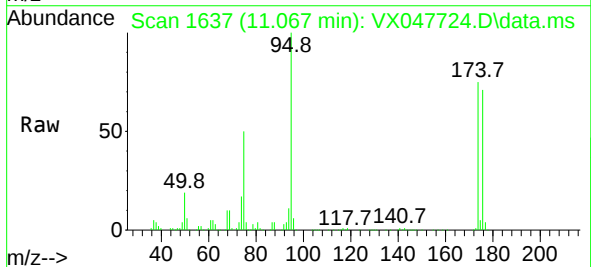
Instrument :
MSVOA_X
ClientSampleId :
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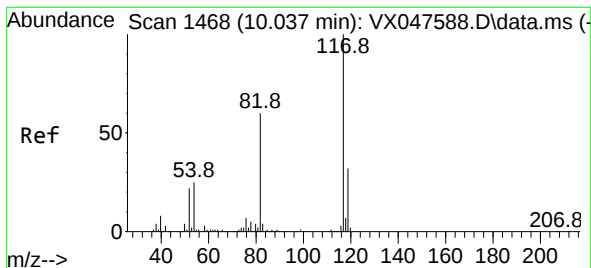
Tgt Ion: 98 Resp: 301245
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.085 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047724.D
Acq: 23 Sep 2025 11:36

Tgt Ion: 95 Resp: 126537
Ion Ratio Lower Upper
95 100
174 72.1 0.0 141.6
176 69.4 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: VX047724.D

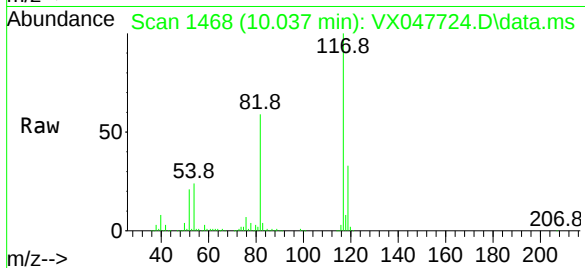
Acq: 23 Sep 2025 11:36

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20250911DL



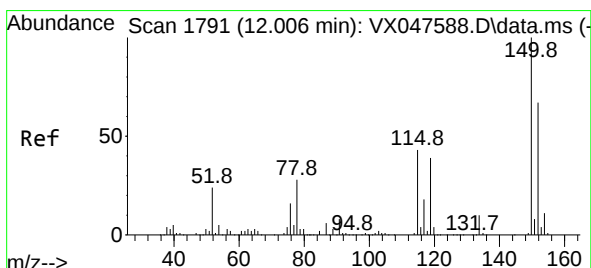
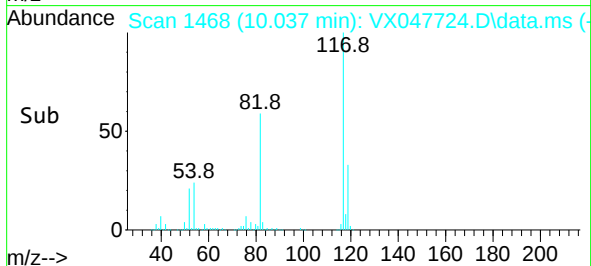
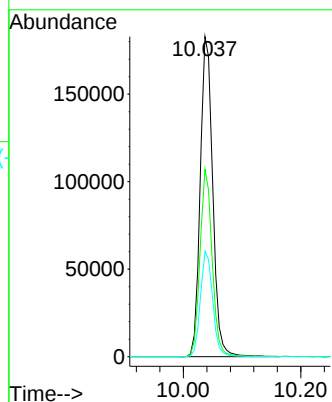
Tgt Ion:117 Resp: 268877

Ion Ratio Lower Upper

117 100

82 58.6 47.8 71.6

119 32.9 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: VX047724.D

Acq: 23 Sep 2025 11:36

Tgt Ion:152 Resp: 132316

Ion Ratio Lower Upper

152 100

115 62.0 44.9 134.5

150 157.3 0.0 352.0

