

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047829.D
 Acq On : 26 Sep 2025 03:31
 Operator : JC/MD
 Sample : Q3156-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE10-MW01S-20250918

Quant Time: Sep 26 06:52:39 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)

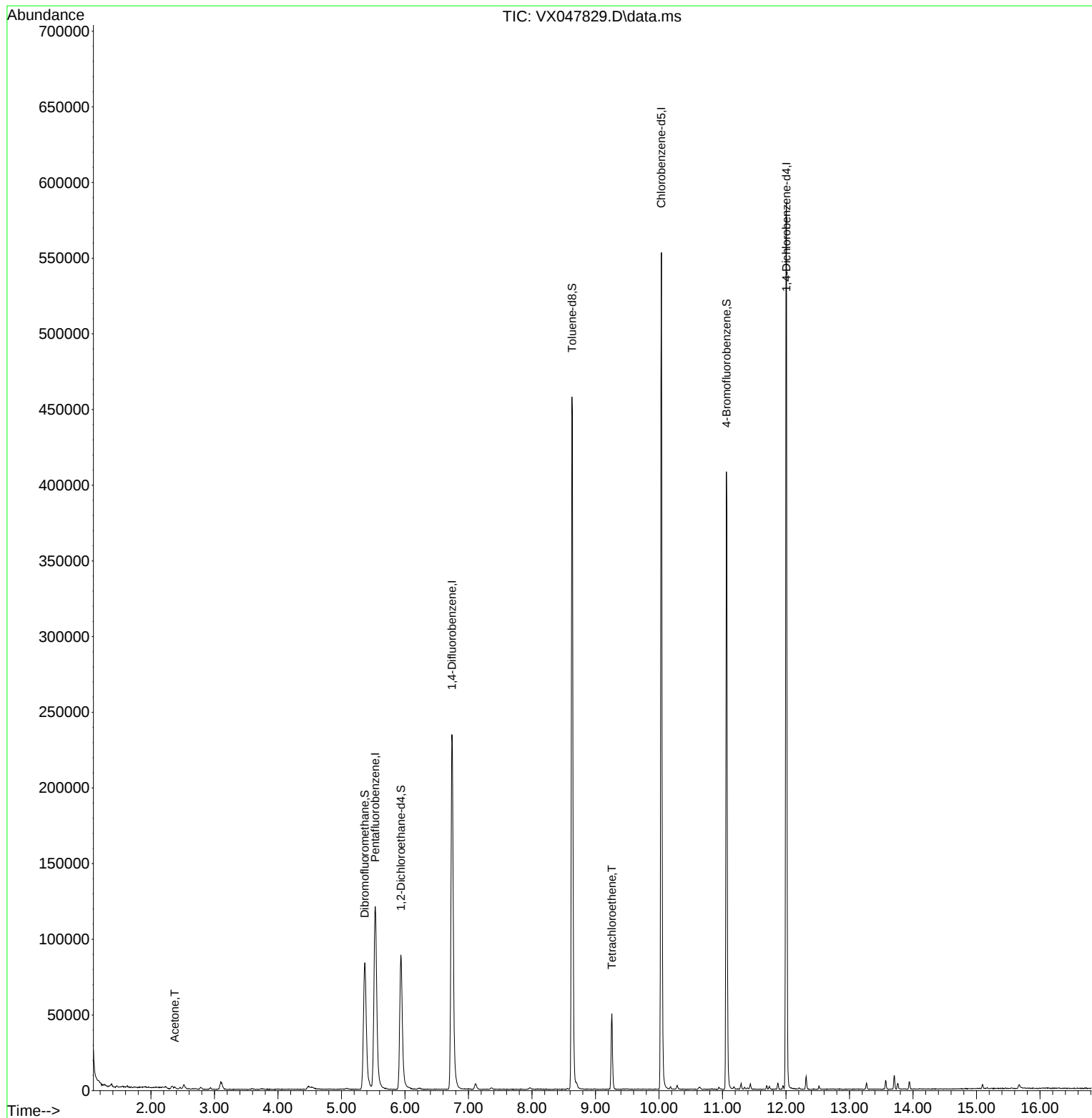
Internal Standards						
1) Pentafluorobenzene	5.532	168	123505	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	257582	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	255230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	123234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	96094	48.881	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.760%
35) Dibromofluoromethane	5.367	113	83114	48.113	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.220%
50) Toluene-d8	8.629	98	285991	47.845	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.700%
62) 4-Bromofluorobenzene	11.061	95	117321	51.716	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.440%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	1853	2.168	ug/l	97
64) Tetrachloroethene	9.257	164	9922	5.963	ug/l	96

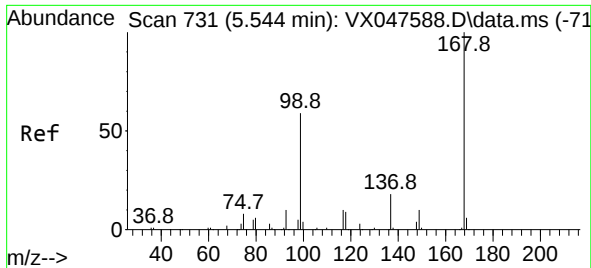
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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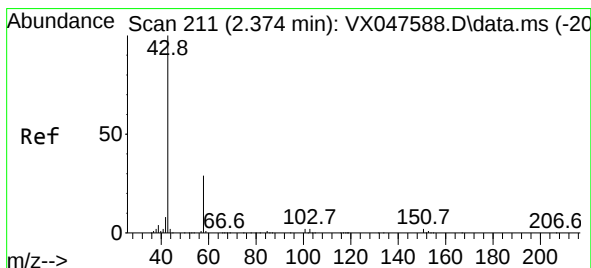
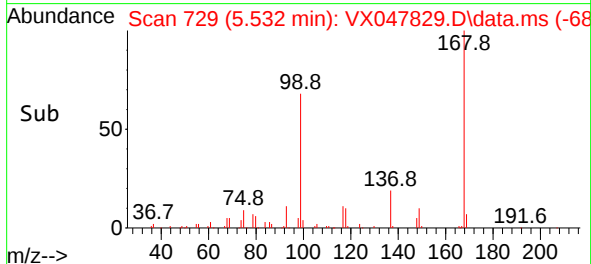
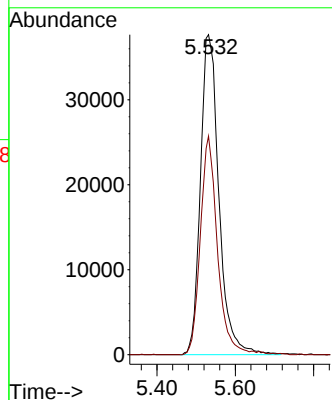
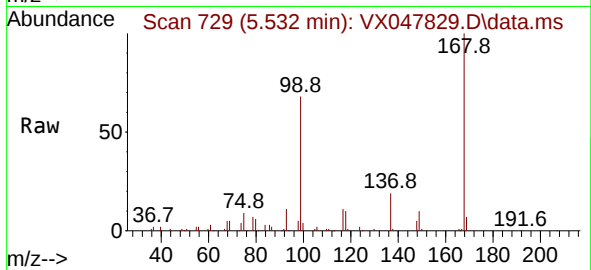




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX047829.D
Acq: 26 Sep 2025 03:31

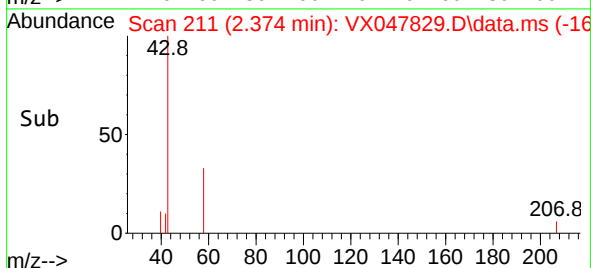
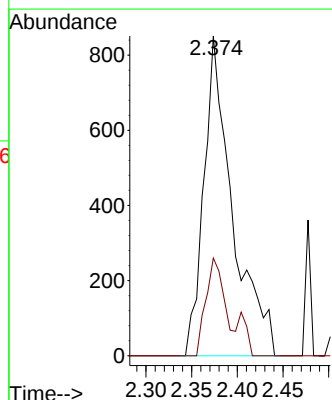
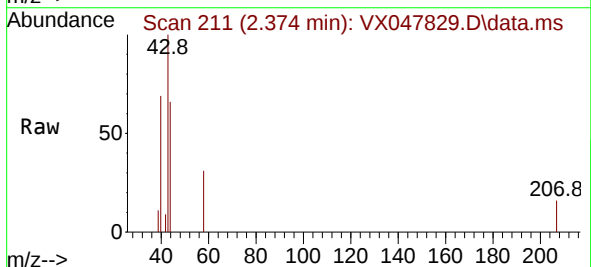
Instrument :
MSVOA_X
ClientSampleId :
RE10-MW01S-20250918

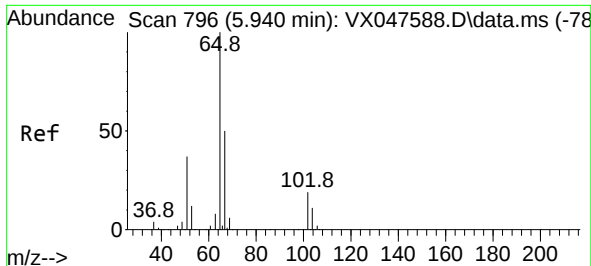
Tgt Ion:168 Resp: 123505
Ion Ratio Lower Upper
168 100
99 68.3 48.8 73.2



#16
Acetone
Concen: 2.168 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX047829.D
Acq: 26 Sep 2025 03:31

Tgt Ion: 43 Resp: 1853
Ion Ratio Lower Upper
43 100
58 30.6 23.4 35.0





#33

1,2-Dichloroethane-d4

Concen: 48.881 ug/l

RT: 5.934 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX047829.D

Acq: 26 Sep 2025 03:31

Instrument :

MSVOA_X

ClientSampleId :

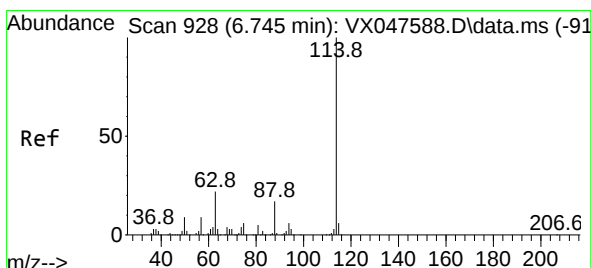
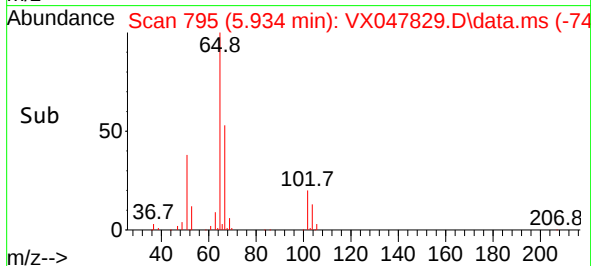
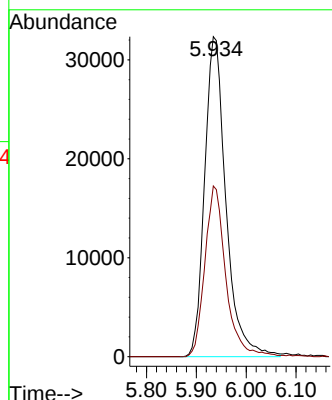
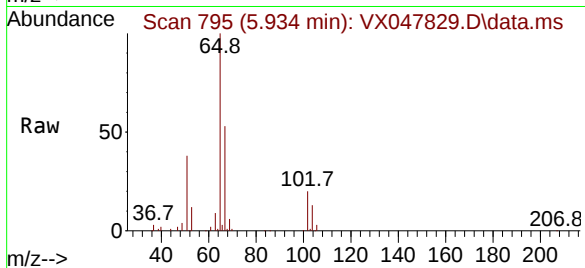
RE10-MW01S-20250918

Tgt Ion: 65 Resp: 96094

Ion Ratio Lower Upper

65 100

67 52.4 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX047829.D

Acq: 26 Sep 2025 03:31

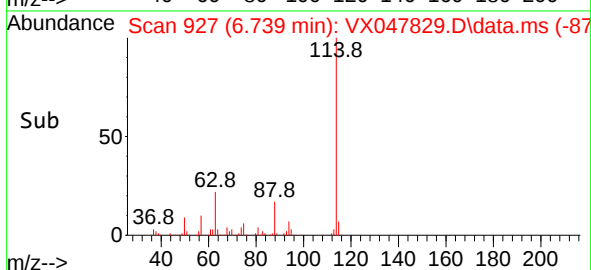
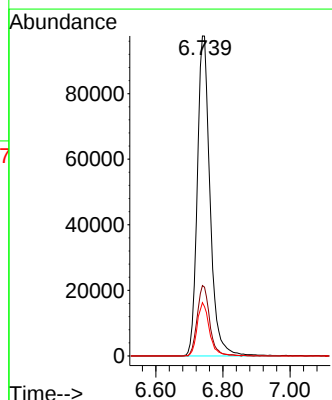
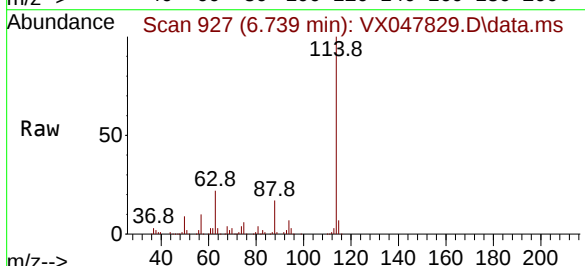
Tgt Ion: 114 Resp: 257582

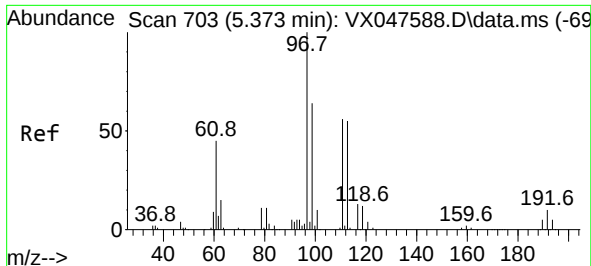
Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.0

88 16.7 0.0 34.2

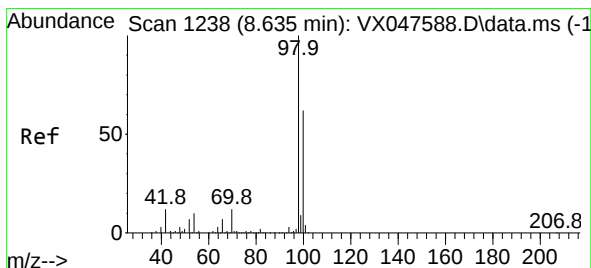
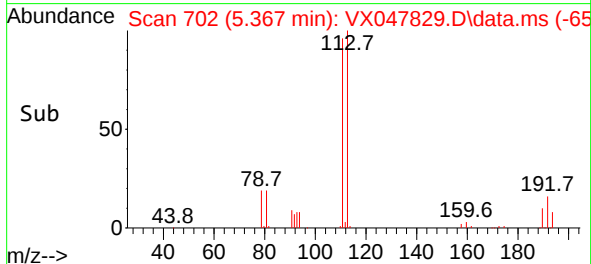
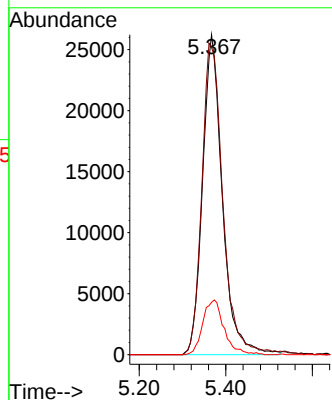
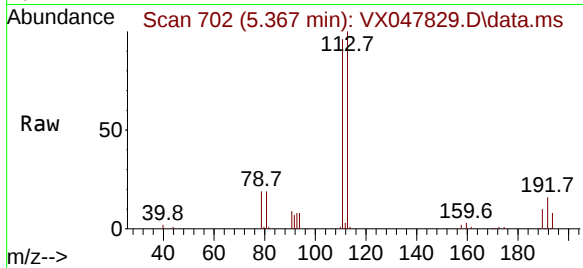




#35
Dibromofluoromethane
Concen: 48.113 ug/l
RT: 5.367 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX047829.D
Acq: 26 Sep 2025 03:31

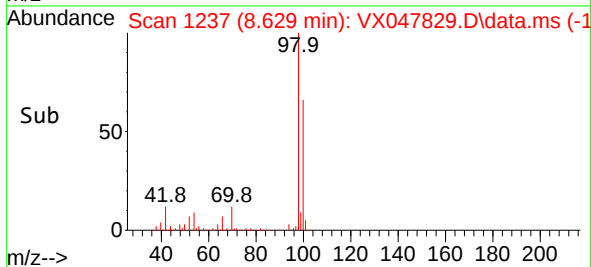
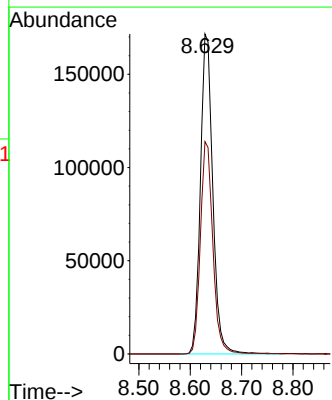
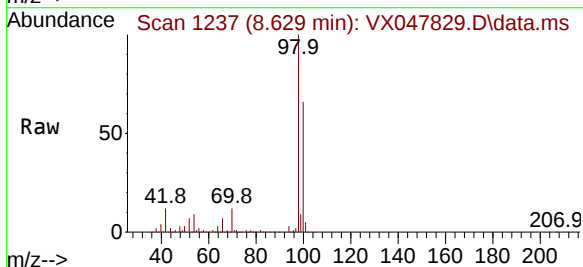
Instrument :
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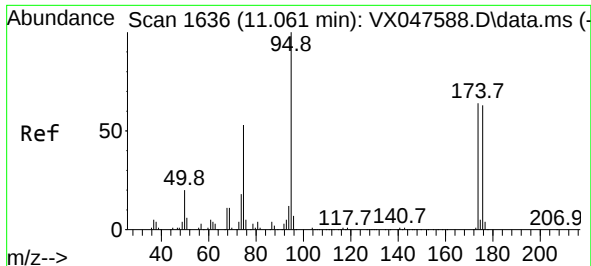
Tgt Ion:113 Resp: 83114
Ion Ratio Lower Upper
113 100
111 104.0 80.9 121.3
192 18.4 14.2 21.4



#50
Toluene-d8
Concen: 47.845 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX047829.D
Acq: 26 Sep 2025 03:31

Tgt Ion: 98 Resp: 285991
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4

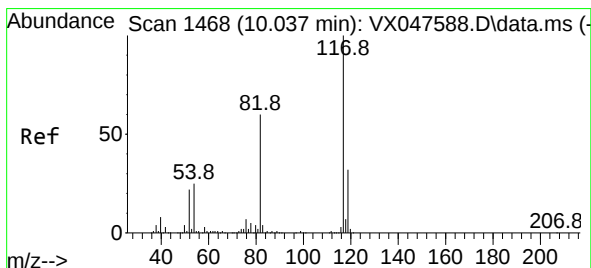
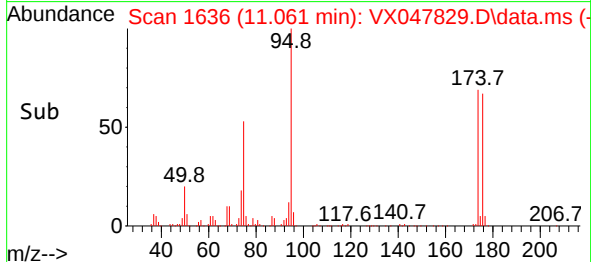
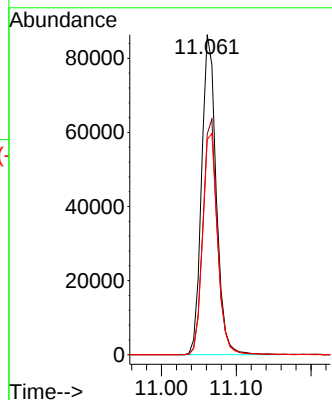
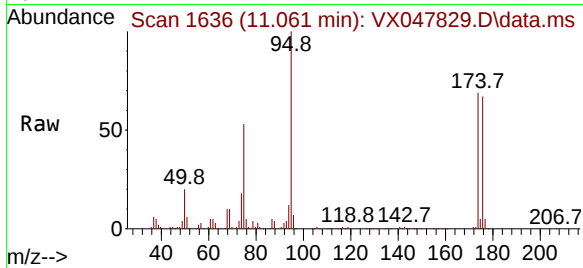




#62
4-Bromofluorobenzene
Concen: 51.716 ug/l
RT: 11.061 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047829.D
Acq: 26 Sep 2025 03:31

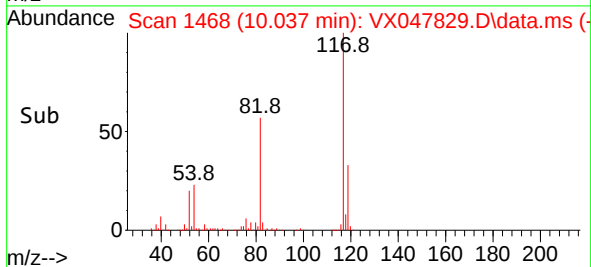
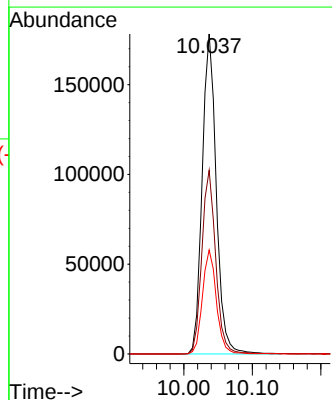
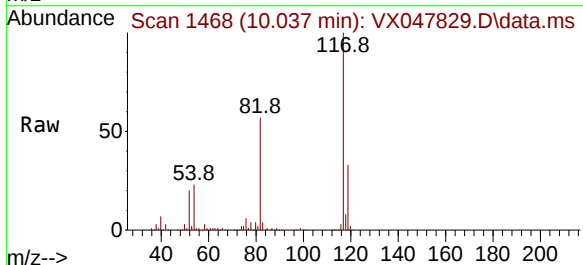
Instrument :
MSVOA_X
ClientSampleId :
RE10-MW01S-20250918

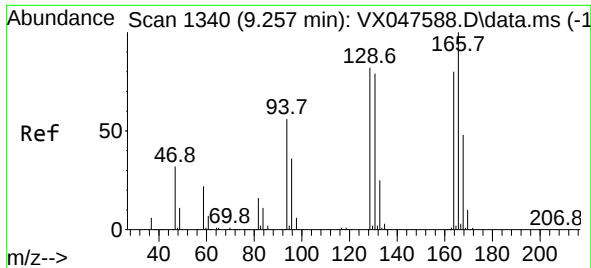
Tgt Ion: 95 Resp: 117321
Ion Ratio Lower Upper
95 100
174 73.2 0.0 141.6
176 70.7 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX047829.D
Acq: 26 Sep 2025 03:31

Tgt Ion: 117 Resp: 255230
Ion Ratio Lower Upper
117 100
82 57.4 47.8 71.6
119 32.5 25.2 37.8

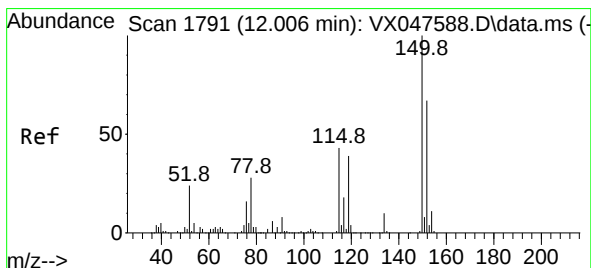
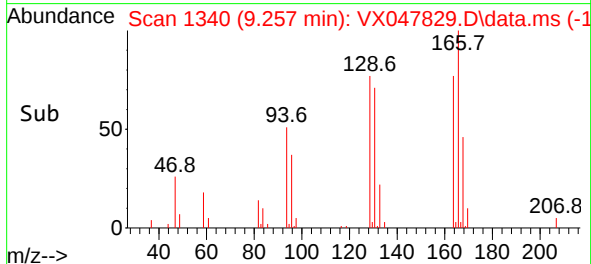
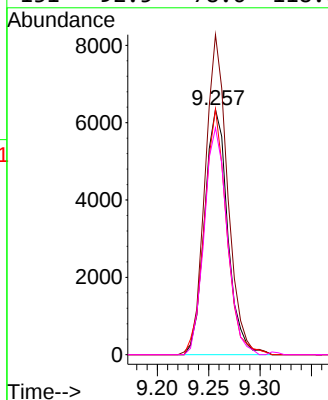
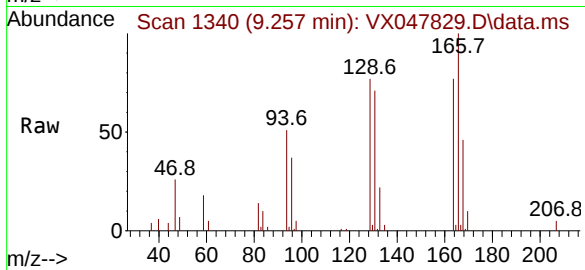




#64
Tetrachloroethene
Concen: 5.963 ug/l
RT: 9.257 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047829.D
Acq: 26 Sep 2025 03:31

Instrument :
MSVOA_X
ClientSampleId :
RE10-MW01S-20250918

Tgt	Ion:164	Resp:	9922
Ion	Ratio	Lower	Upper
164	100		
166	130.5	100.2	150.2
129	100.2	81.8	122.6
131	92.5	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: VX047829.D
Acq: 26 Sep 2025 03:31

Tgt Ion:152	Resp:	123234	
Ion	Ratio	Lower	Upper
152	100		
115	62.0	44.9	134.5
150	157.4	0.0	352.0

