

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
 Data File : VW032009.D
 Acq On : 05 Aug 2025 12:35
 Operator : SY/MD
 Sample : Q2757-02
 Misc : 5.20g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VOC

Quant Time: Aug 06 03:53:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

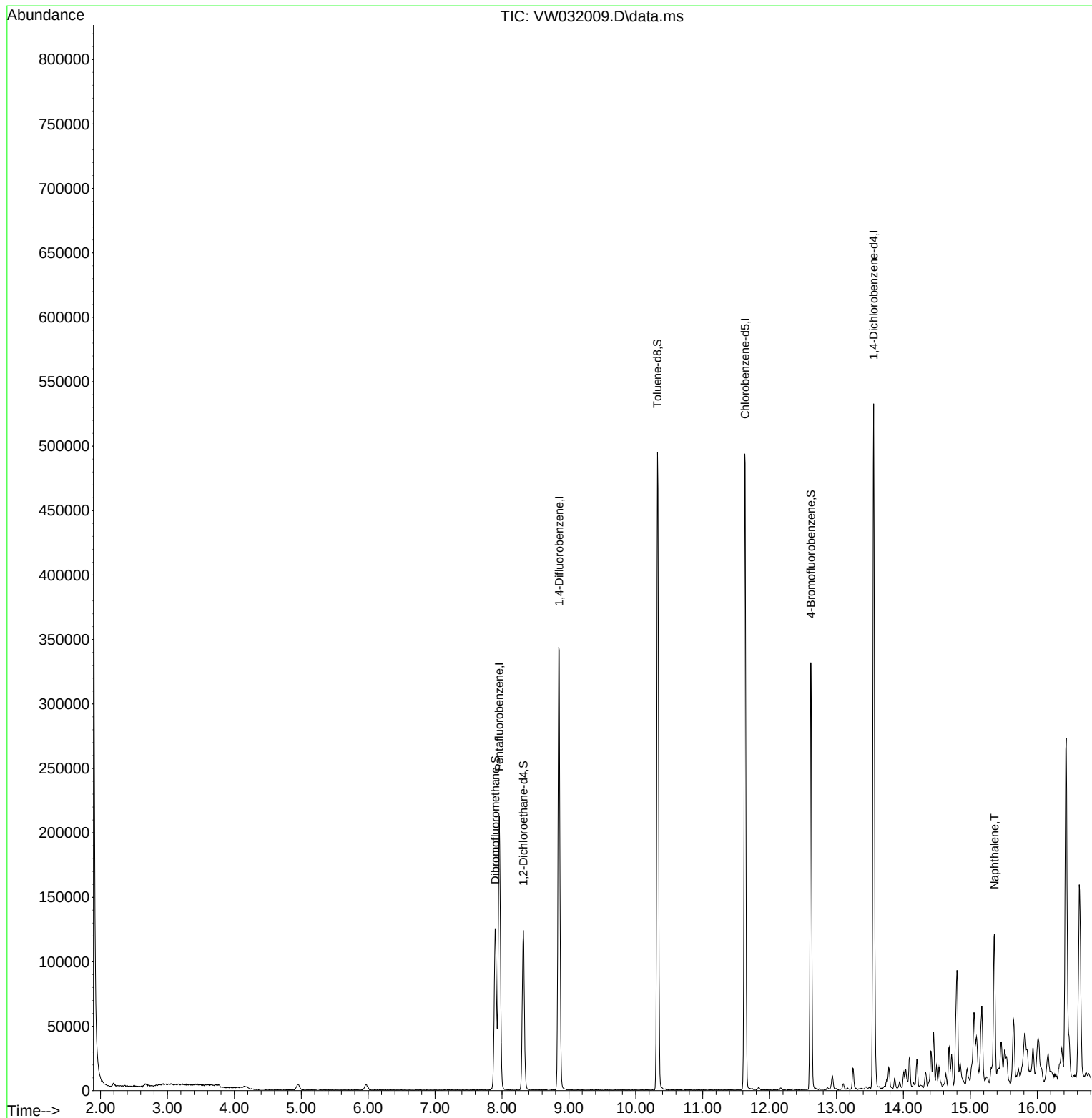
Internal Standards						
1) Pentafluorobenzene	7.959	168	142857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	290928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	269684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	133389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	102206	47.294	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	94.580%
35) Dibromofluoromethane	7.898	113	93035	47.061	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	94.120%
50) Toluene-d8	10.325	98	337506	45.110	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	90.220%
62) 4-Bromofluorobenzene	12.617	95	120555	41.963	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	83.920%
Target Compounds						
					Qvalue	
95) Naphthalene	15.360	128	96664	14.113	ug/l	98

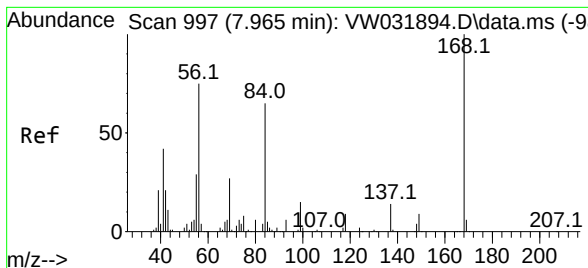
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
Data File : VW032009.D
Acq On : 05 Aug 2025 12:35
Operator : SY/MD
Sample : Q2757-02
Misc : 5.20g/5mL/MSVOA_W/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VOC

Quant Time: Aug 06 03:53:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
Response via : Initial Calibration

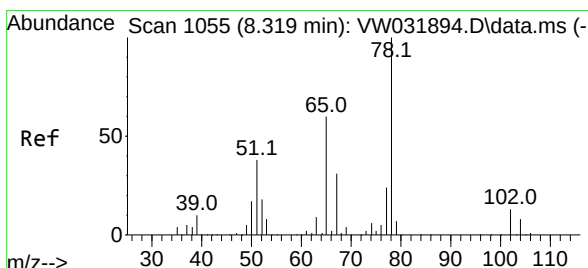
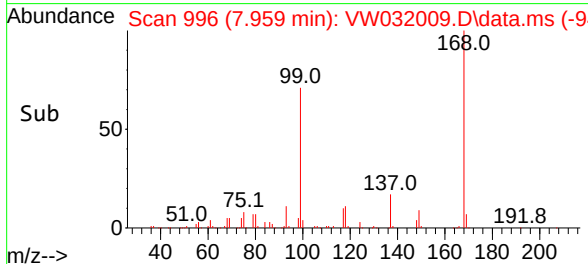
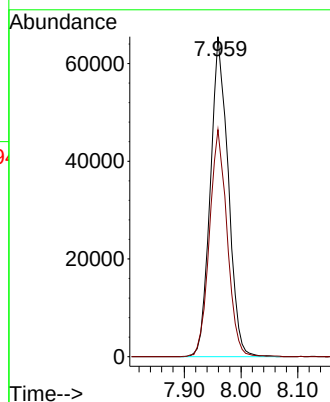
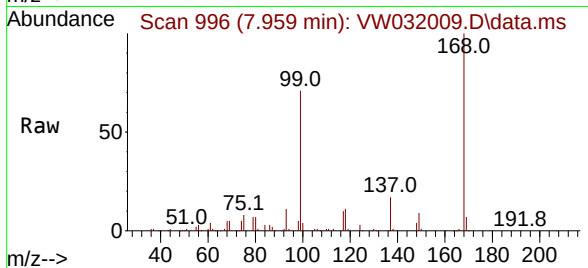




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032009.D
Acq: 05 Aug 2025 12:35

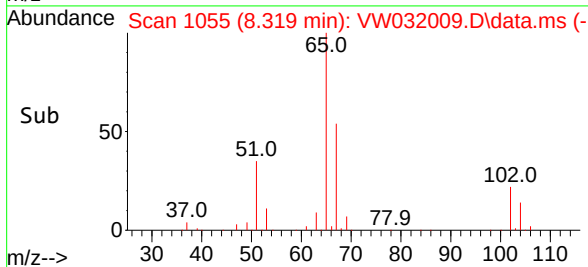
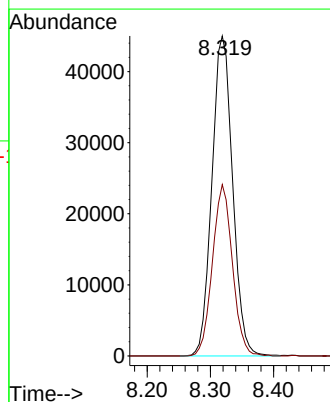
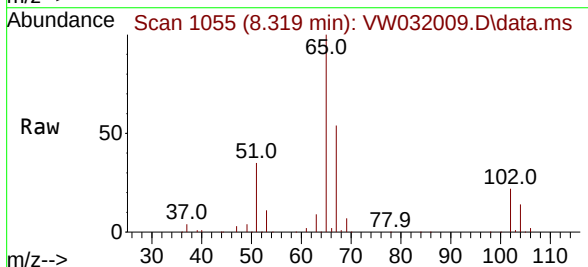
Instrument :
MSVOA_W
ClientSampleId :
VOC

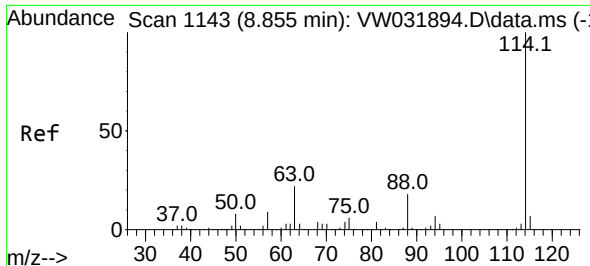
Tgt Ion:168 Resp: 142857
Ion Ratio Lower Upper
168 100
99 70.9 48.2 72.2



#33
1,2-Dichloroethane-d4
Concen: 47.294 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032009.D
Acq: 05 Aug 2025 12:35

Tgt Ion: 65 Resp: 102206
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1143

Delta R.T. 0.000 min

Lab File: VW032009.D

Acq: 05 Aug 2025 12:35

Instrument :

MSVOA_W

ClientSampleId :

VOC

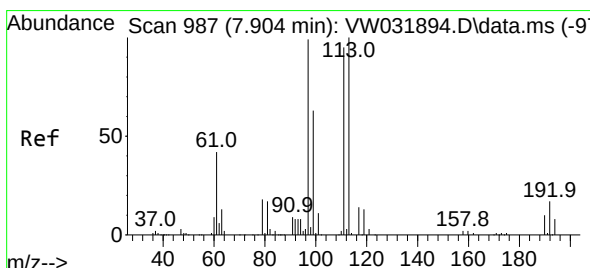
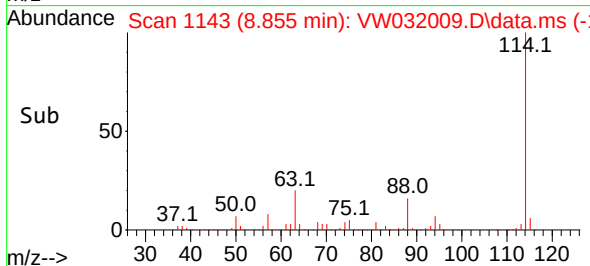
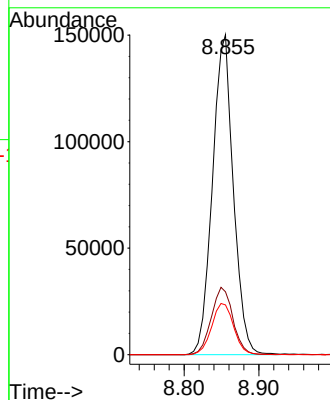
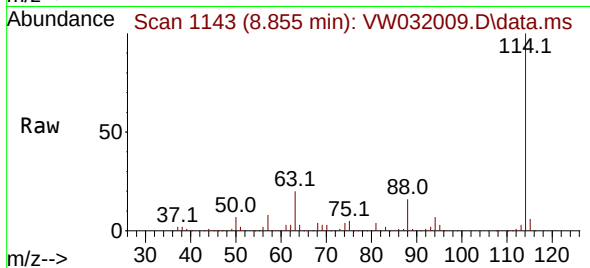
Tgt Ion:114 Resp: 290928

Ion Ratio Lower Upper

114 100

63 19.7 0.0 44.2

88 15.5 0.0 35.6



#35

Dibromofluoromethane

Concen: 47.061 ug/l

RT: 7.898 min Scan# 986

Delta R.T. -0.006 min

Lab File: VW032009.D

Acq: 05 Aug 2025 12:35

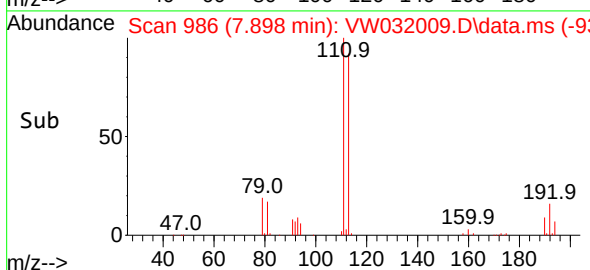
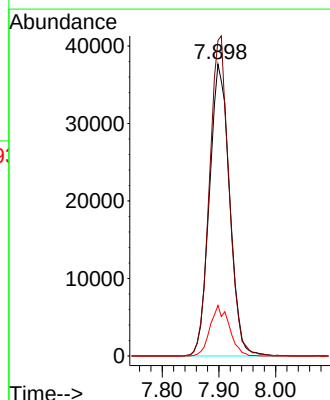
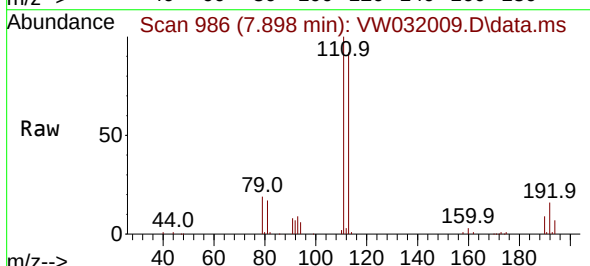
Tgt Ion:113 Resp: 93035

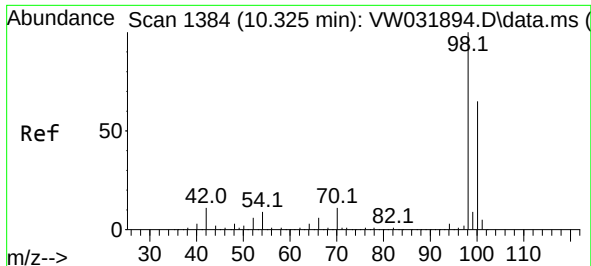
Ion Ratio Lower Upper

113 100

111 105.5 79.9 119.9

192 16.5 12.6 19.0

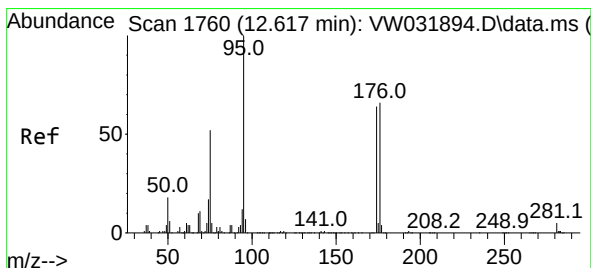
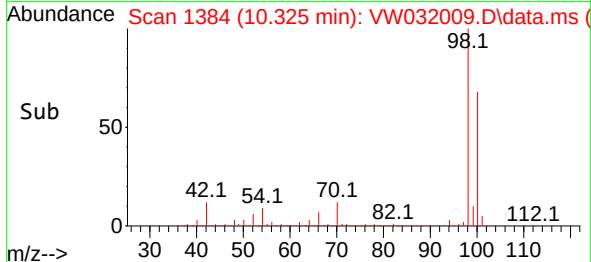
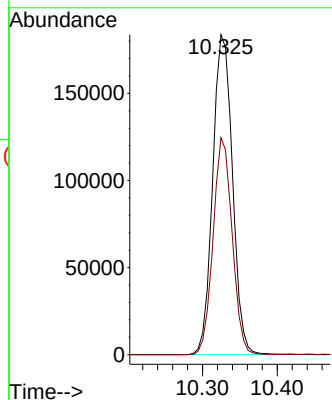
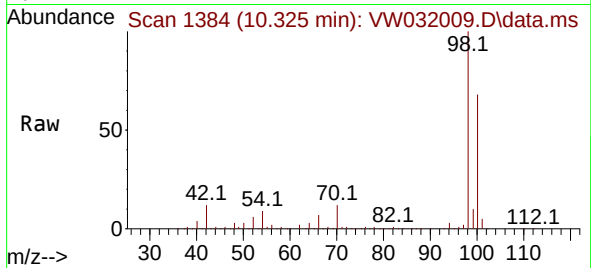




#50
Toluene-d8
Concen: 45.110 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032009.D
Acq: 05 Aug 2025 12:35

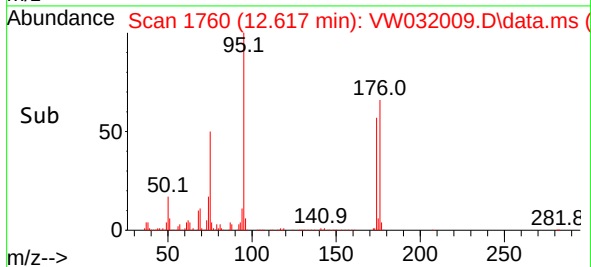
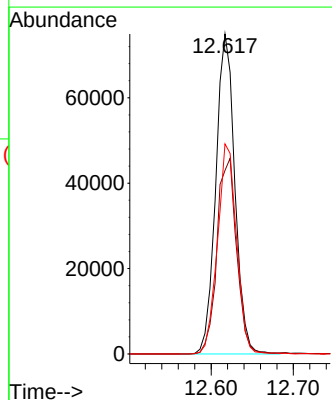
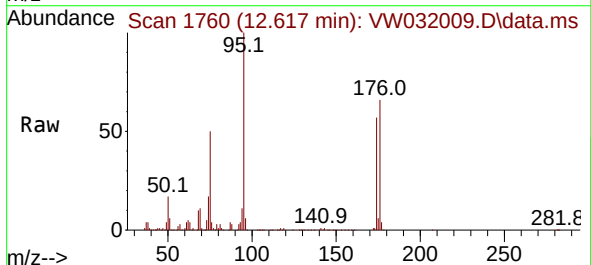
Instrument :
MSVOA_W
ClientSampleId :
VOC

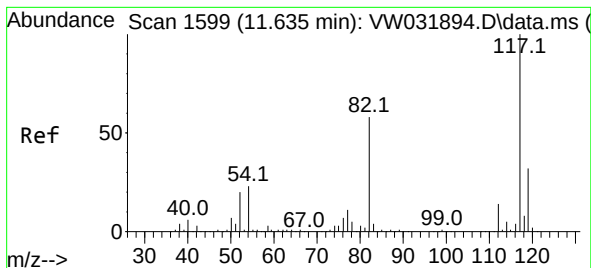
Tgt Ion: 98 Resp: 337506
Ion Ratio Lower Upper
98 100
100 65.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 41.963 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032009.D
Acq: 05 Aug 2025 12:35

Tgt Ion: 95 Resp: 120555
Ion Ratio Lower Upper
95 100
174 63.1 0.0 129.8
176 65.9 0.0 130.4

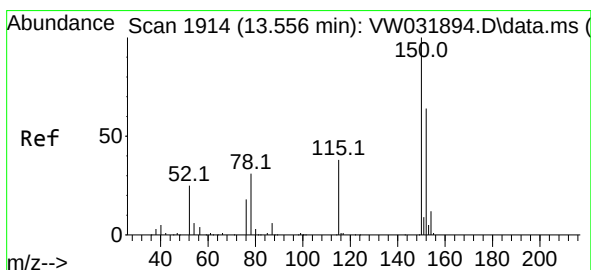
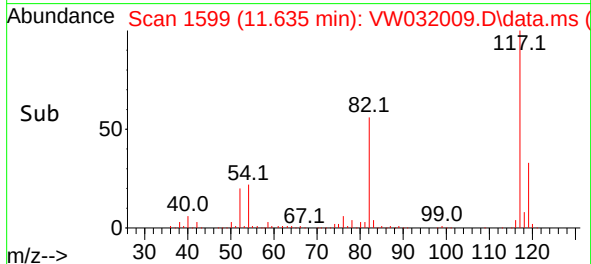
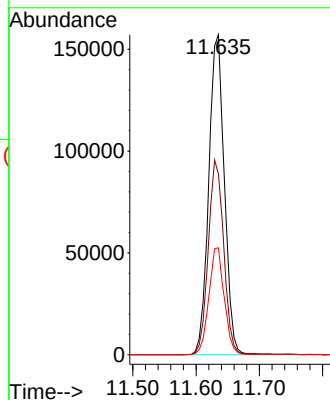
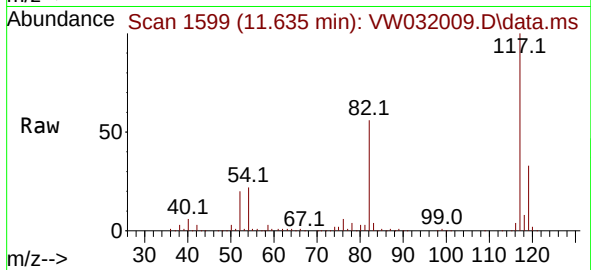




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032009.D
Acq: 05 Aug 2025 12:35

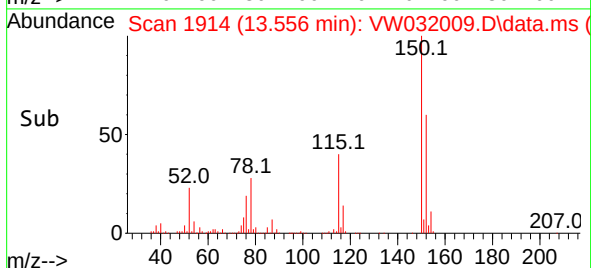
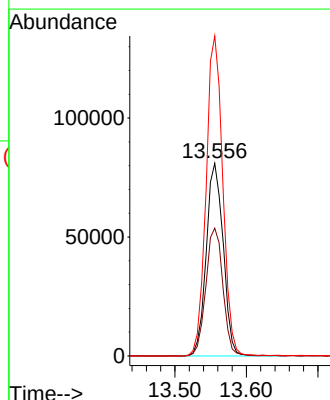
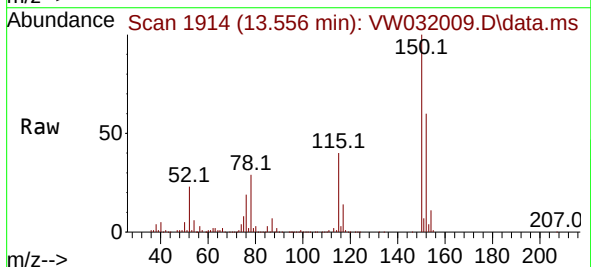
Instrument :
MSVOA_W
ClientSampleId :
VOC

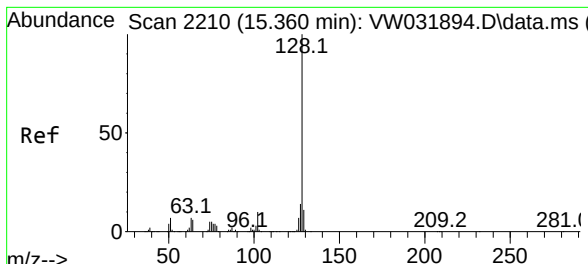
Tgt Ion:117 Resp: 269684
Ion Ratio Lower Upper
117 100
82 56.4 46.5 69.7
119 33.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032009.D
Acq: 05 Aug 2025 12:35

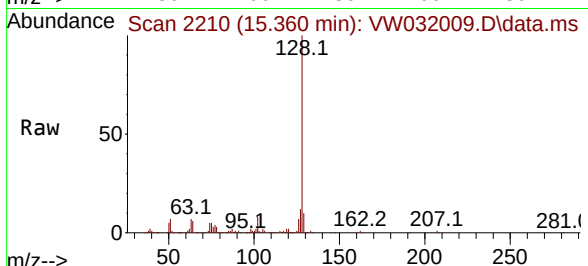
Tgt Ion:152 Resp: 133389
Ion Ratio Lower Upper
152 100
115 66.7 33.4 100.1
150 162.9 0.0 352.2





#95
 Naphthalene
 Concen: 14.113 ug/l
 RT: 15.360 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW032009.D
 Acq: 05 Aug 2025 12:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VOC



Tgt Ion:	128	Resp:	96664
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.7	16.1
129	10.3	9.2	13.8

