

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
 Data File : VW032433.D
 Acq On : 11 Nov 2025 16:05
 Operator : SY/MD
 Sample : Q3598-01
 Misc : 5.54g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-CONCRETE

Quant Time: Nov 12 03:51:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	269242	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	667437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	677738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	350516	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	316116	91.069	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	182.140%#
35) Dibromofluoromethane	7.904	113	265576	66.459	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	132.920%
50) Toluene-d8	10.325	98	1118070	72.932	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	145.860%#
62) 4-Bromofluorobenzene	12.617	95	501183	86.542	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	173.080%#

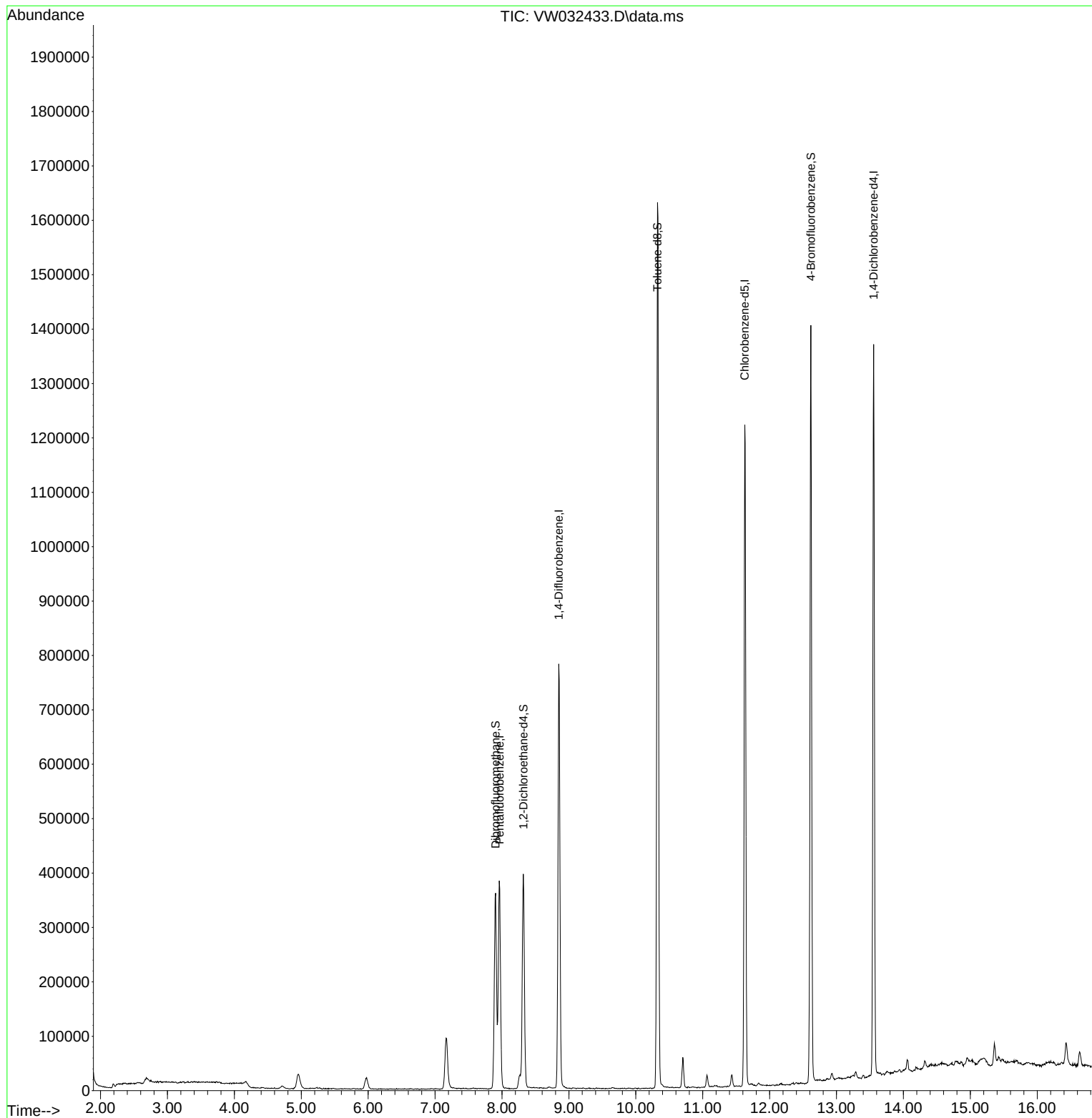
Target Compounds	Qvalue

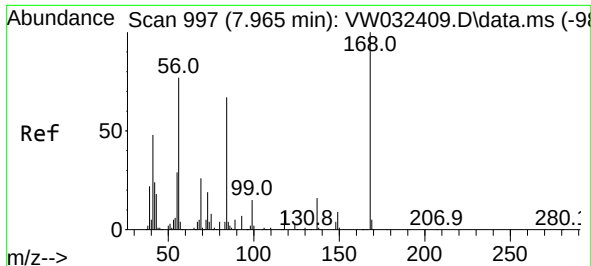
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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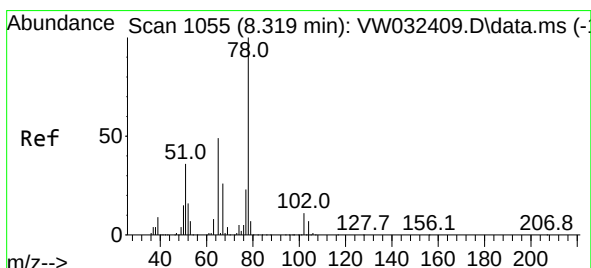
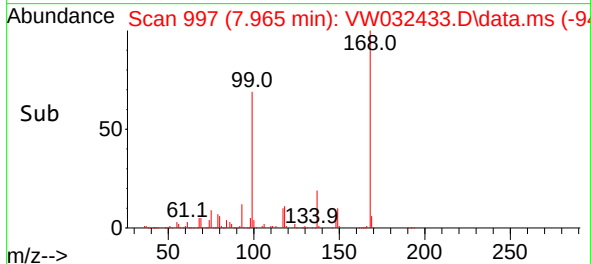
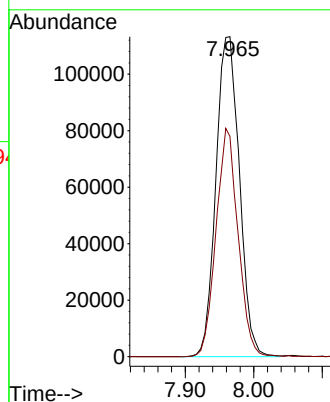
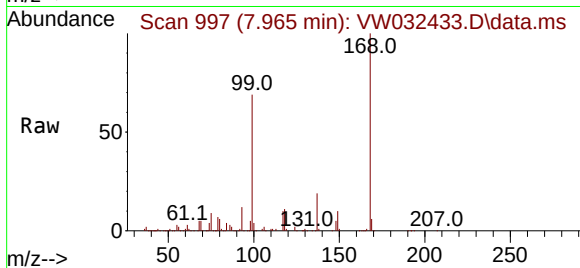




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032433.D
Acq: 11 Nov 2025 16:05

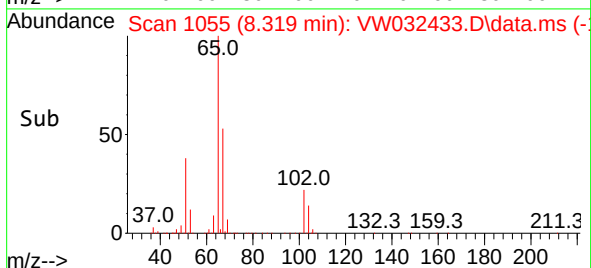
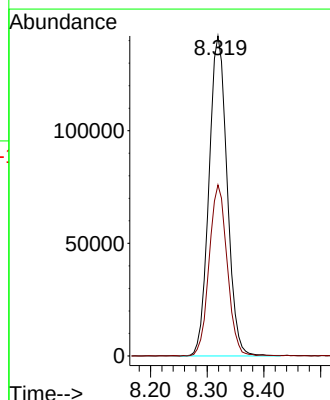
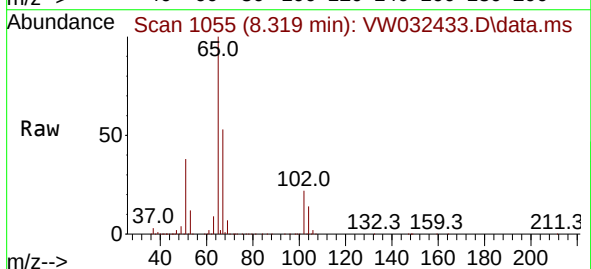
Instrument :
MSVOA_W
ClientSampleId :
EO-CONCRETE

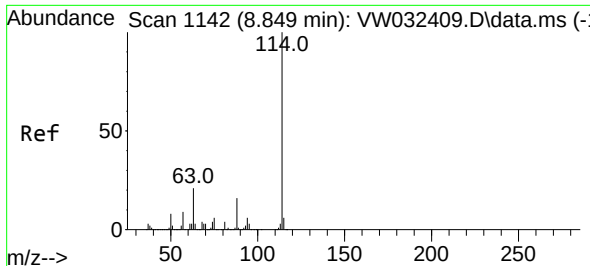
Tgt Ion:168 Resp: 269242
Ion Ratio Lower Upper
168 100
99 68.8 45.4 68.2#



#33
1,2-Dichloroethane-d4
Concen: 91.069 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032433.D
Acq: 11 Nov 2025 16:05

Tgt Ion: 65 Resp: 316116
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.8

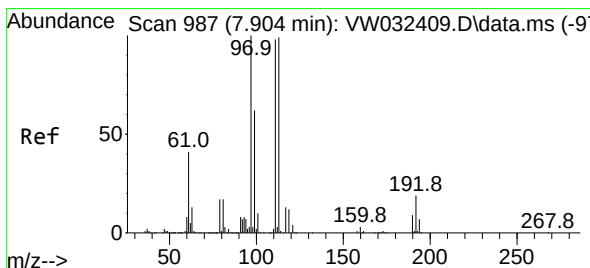
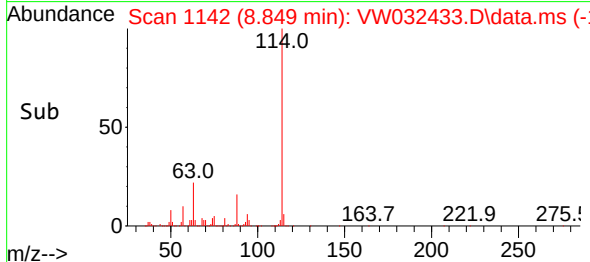
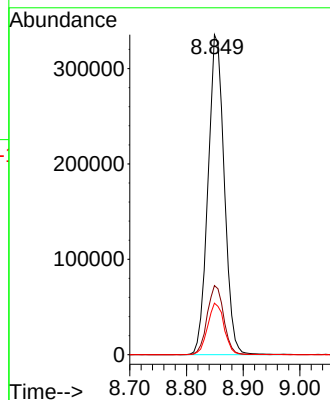
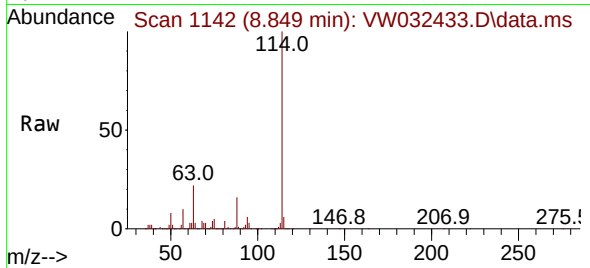




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW032433.D
Acq: 11 Nov 2025 16:05

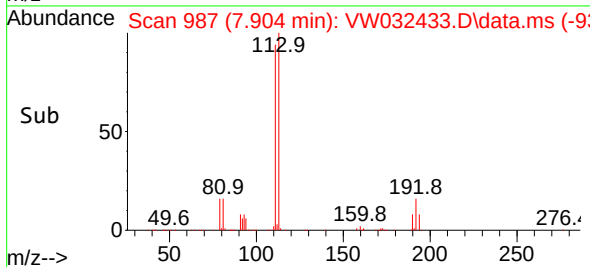
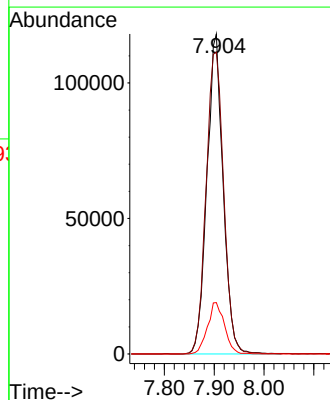
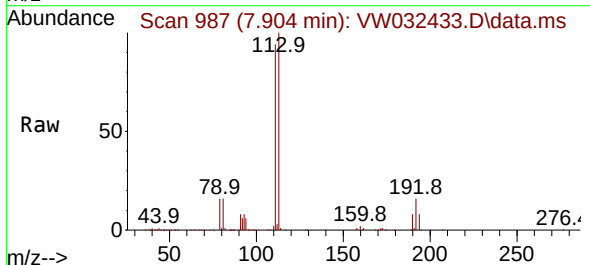
Instrument :
MSVOA_W
ClientSampleId :
EO-CONCRETE

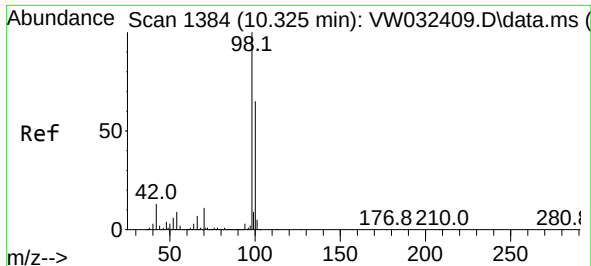
Tgt Ion:114 Resp: 667437
Ion Ratio Lower Upper
114 100
63 21.6 0.0 41.8
88 16.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 66.459 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW032433.D
Acq: 11 Nov 2025 16:05

Tgt Ion:113 Resp: 265576
Ion Ratio Lower Upper
113 100
111 102.9 83.1 124.7
192 17.0 13.4 20.2

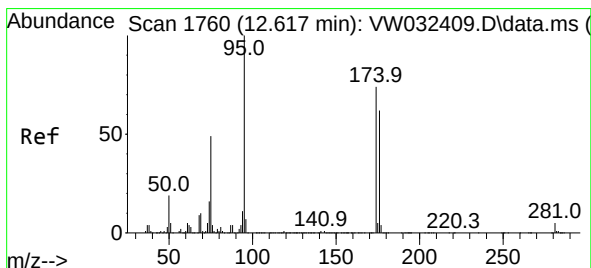
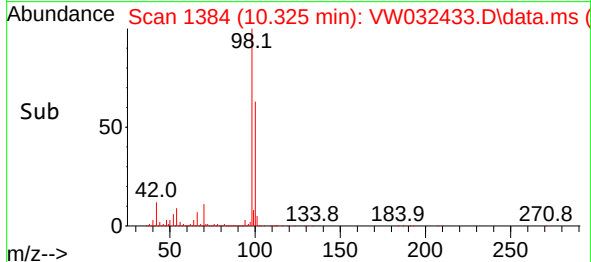
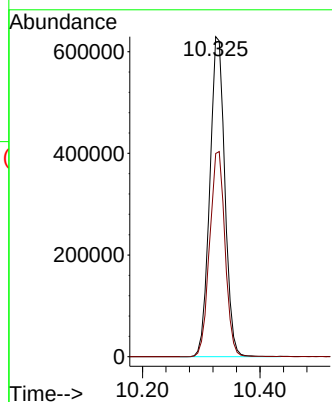
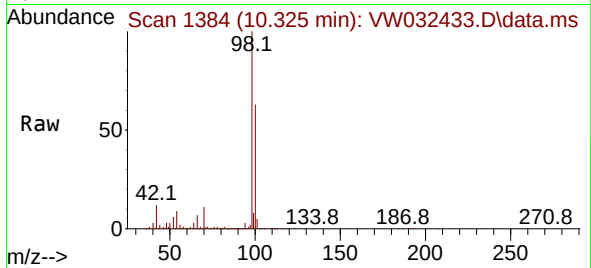




#50
Toluene-d8
Concen: 72.932 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032433.D
Acq: 11 Nov 2025 16:05

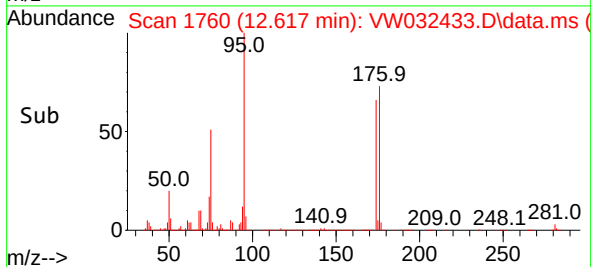
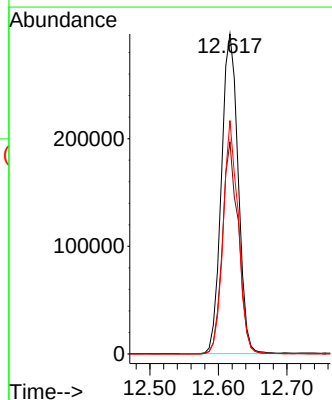
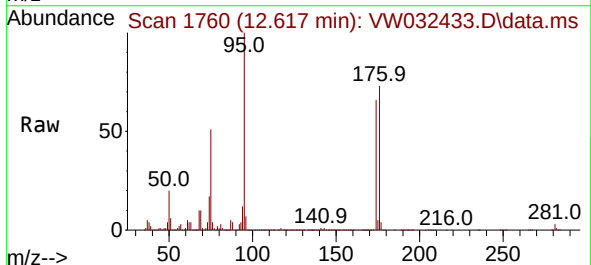
Instrument :
MSVOA_W
ClientSampleId :
EO-CONCRETE

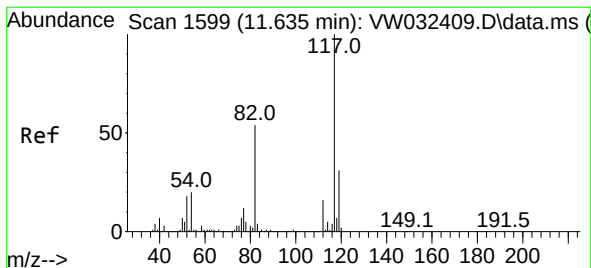
Tgt Ion: 98 Resp: 1118070
Ion Ratio Lower Upper
98 100
100 65.6 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 86.542 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032433.D
Acq: 11 Nov 2025 16:05

Tgt Ion: 95 Resp: 501183
Ion Ratio Lower Upper
95 100
174 63.4 0.0 135.4
176 66.0 0.0 131.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032433.D

Acq: 11 Nov 2025 16:05

Instrument :

MSVOA_W

ClientSampleId :

EO-CONCRETE

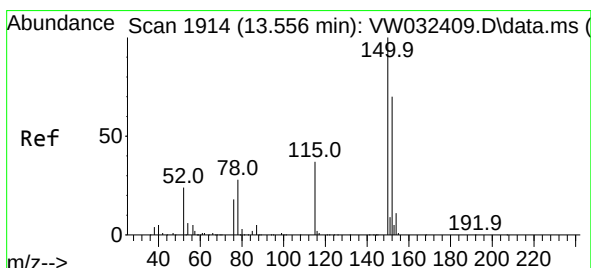
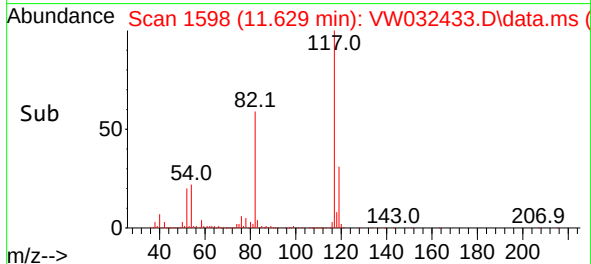
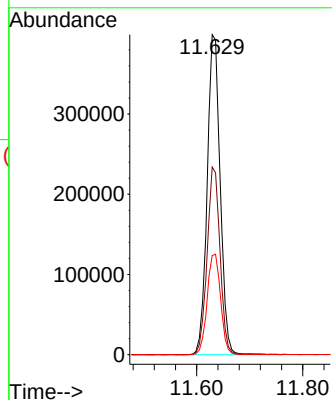
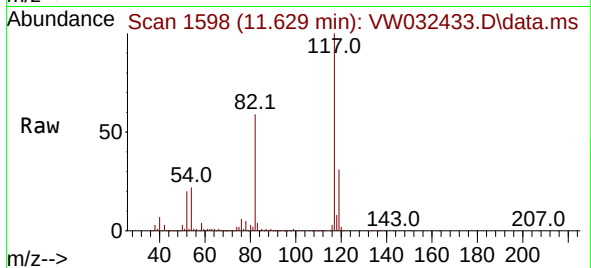
Tgt Ion:117 Resp: 677738

Ion Ratio Lower Upper

117 100

82 58.6 43.0 64.4

119 30.9 25.0 37.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032433.D

Acq: 11 Nov 2025 16:05

Tgt Ion:152 Resp: 350516

Ion Ratio Lower Upper

152 100

115 62.2 32.8 98.3

150 156.5 0.0 356.6

