

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082525\
 Data File : VW032133.D
 Acq On : 25 Aug 2025 14:54
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Aug 26 04:42:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082525S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 26 04:26:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.977	168	75	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.855	114	438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	547	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.325	65	359	348.580	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	697.160%#
35) Dibromofluoromethane	7.898	113	56	18.833	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	37.660%#
50) Toluene-d8	10.331	98	587	55.328	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	110.660%
62) 4-Bromofluorobenzene	12.623	95	697	176.995	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	354.000%#

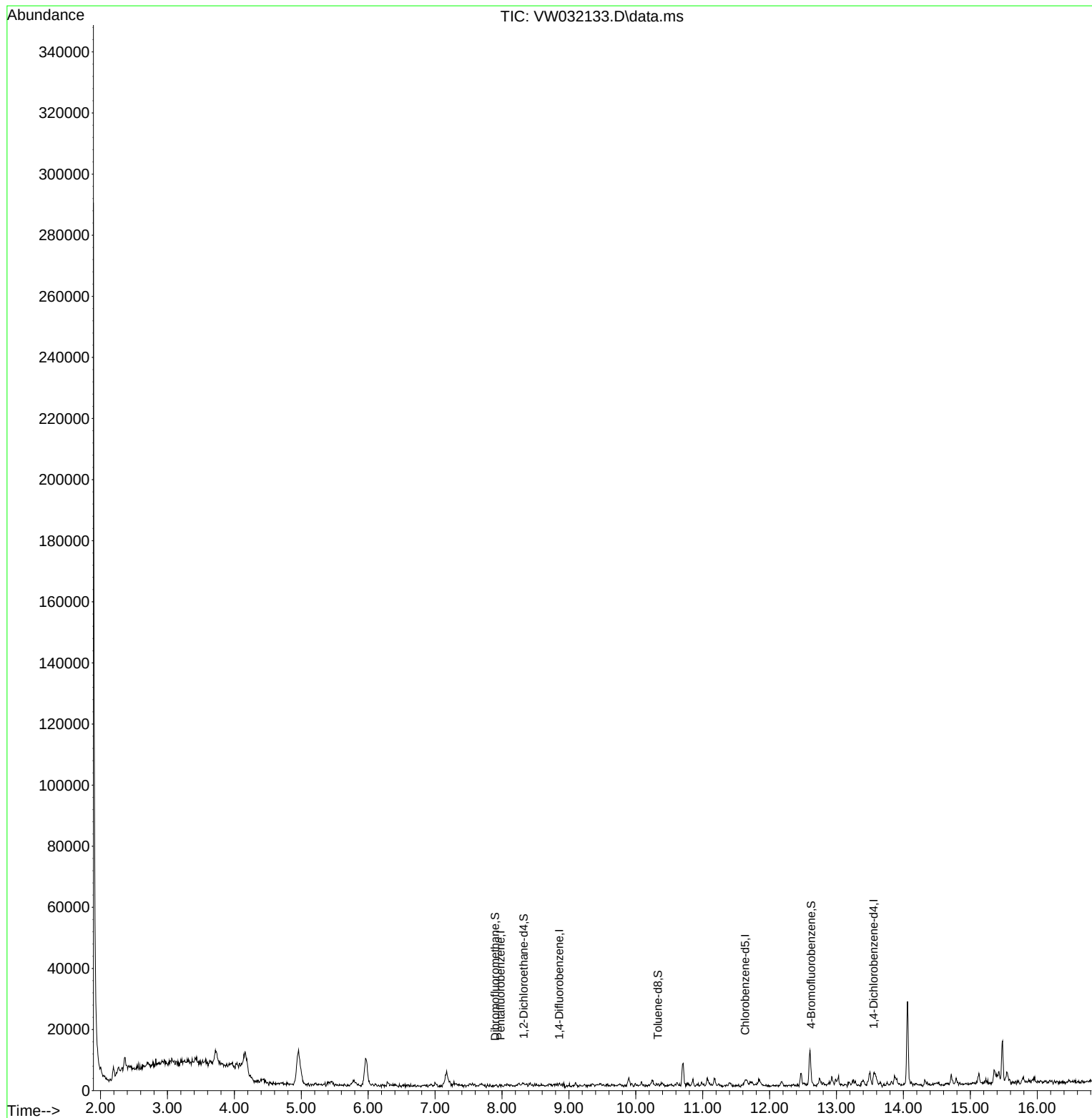
Target Compounds	Qvalue

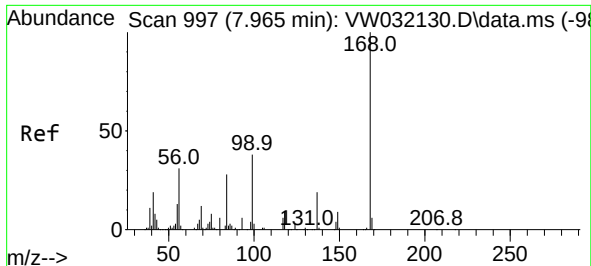
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082525\
Data File : VW032133.D
Acq On : 25 Aug 2025 14:54
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Quant Time: Aug 26 04:42:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082525S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 26 04:26:40 2025
Response via : Initial Calibration

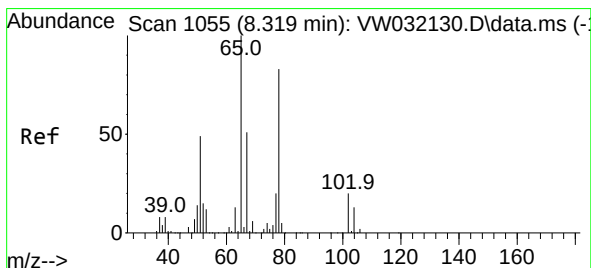
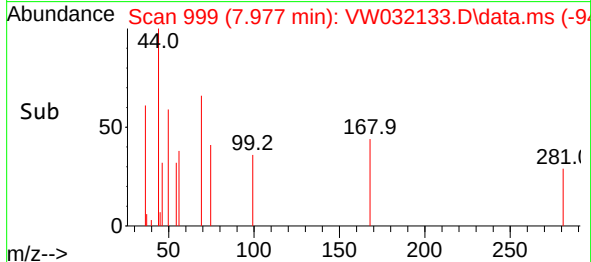
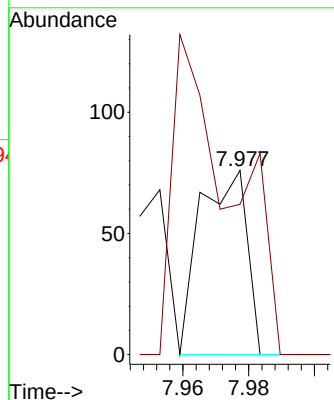
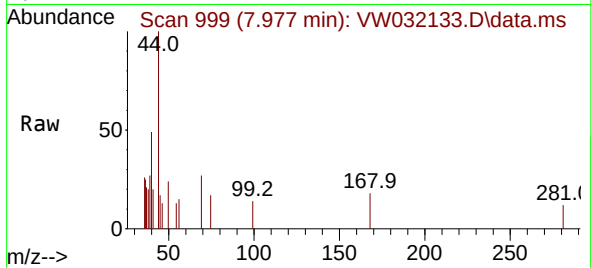




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.977 min Scan# 99
Delta R.T. 0.012 min
Lab File: VW032133.D
Acq: 25 Aug 2025 14:54

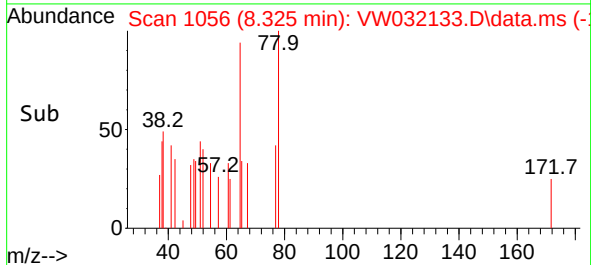
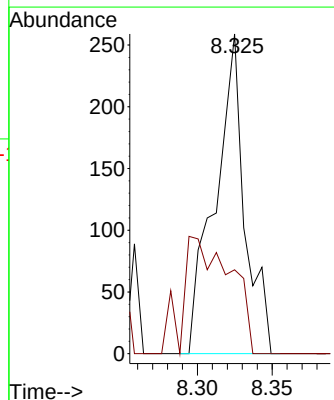
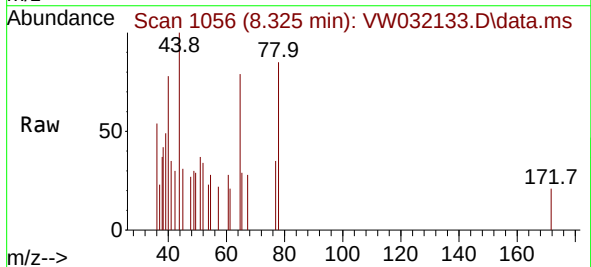
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

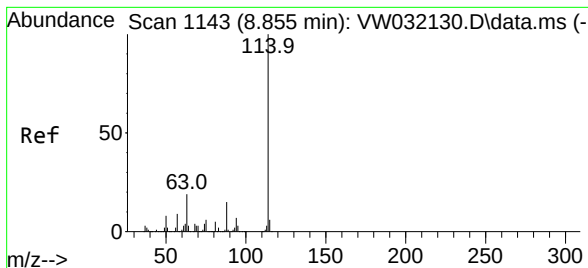
Tgt Ion:168 Resp: 75
Ion Ratio Lower Upper
168 100
99 81.6 53.4 80.0#



#33
1,2-Dichloroethane-d4
Concen: 348.580 ug/l
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW032133.D
Acq: 25 Aug 2025 14:54

Tgt Ion: 65 Resp: 359
Ion Ratio Lower Upper
65 100
67 0.0 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VW032133.D

Acq: 25 Aug 2025 14:54

Instrument :

MSVOA_W

ClientSampleId :

VIBLK

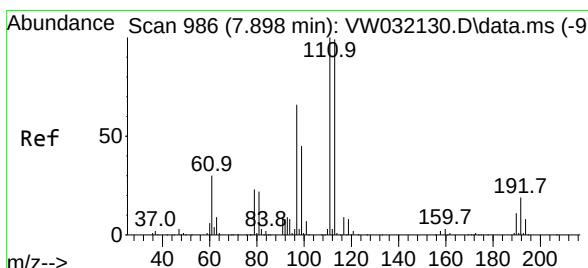
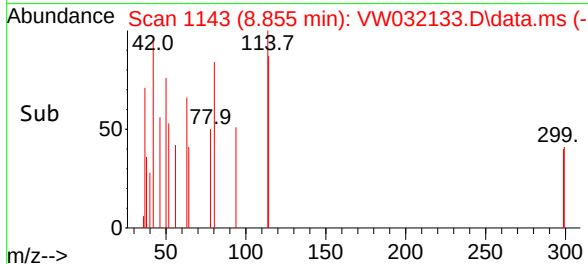
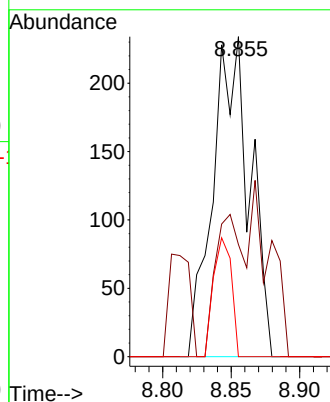
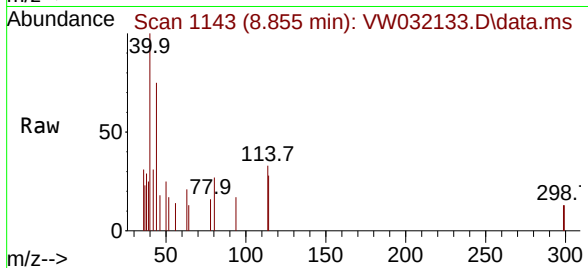
Tgt Ion:114 Resp: 438

Ion Ratio Lower Upper

114 100

63 5.1 0.0 38.4

88 0.0 0.0 30.2



#35

Dibromofluoromethane

Concen: 18.833 ug/l

RT: 7.898 min Scan# 986

Delta R.T. -0.006 min

Lab File: VW032133.D

Acq: 25 Aug 2025 14:54

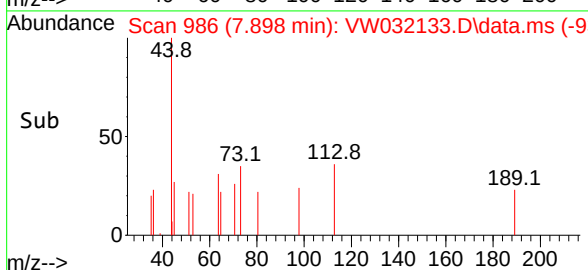
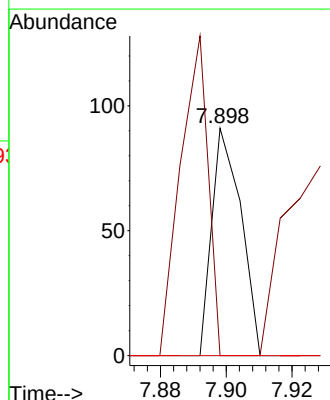
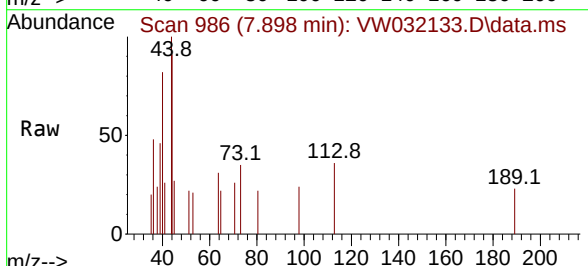
Tgt Ion:113 Resp: 56

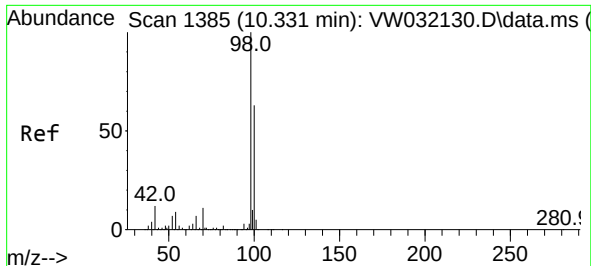
Ion Ratio Lower Upper

113 100

111 133.9 81.2 121.8#

192 0.0 14.2 21.2#

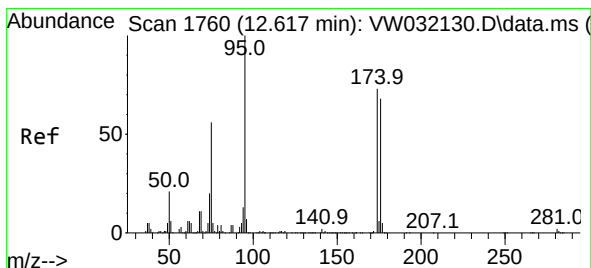
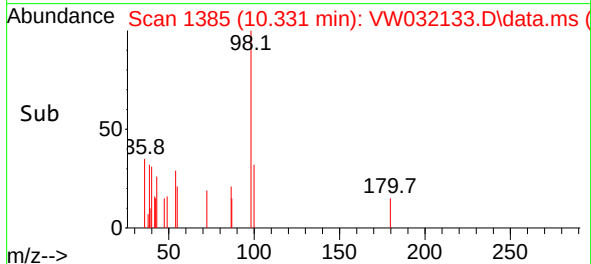
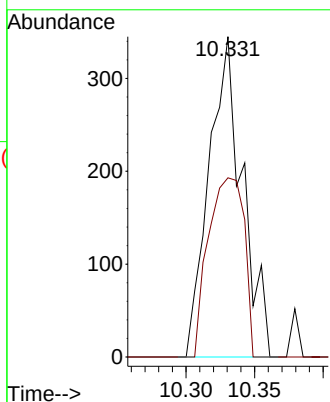
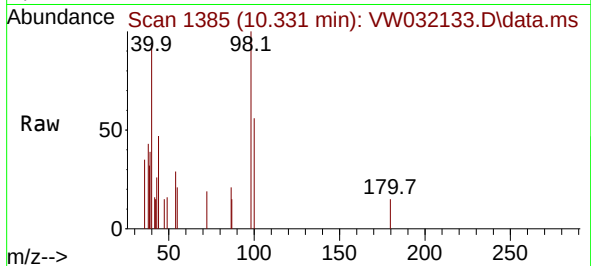




#50
Toluene-d8
Concen: 55.328 ug/l
RT: 10.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032133.D
Acq: 25 Aug 2025 14:54

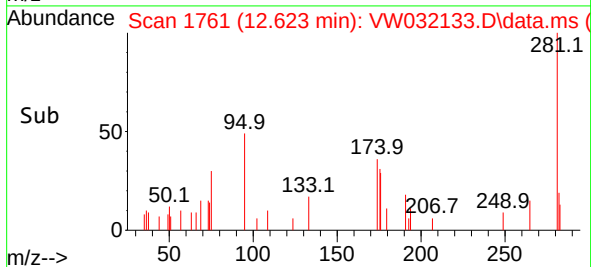
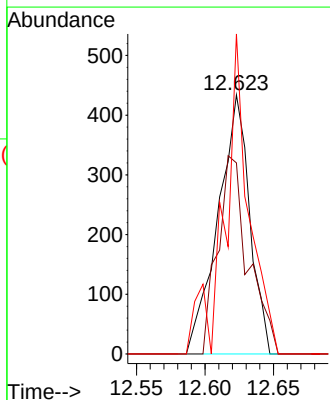
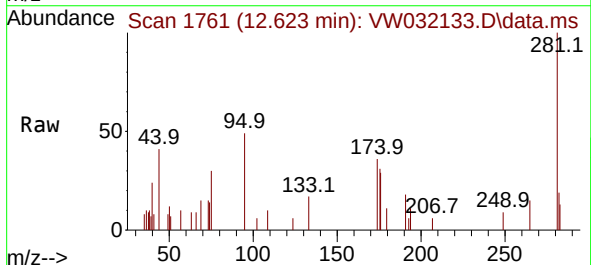
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

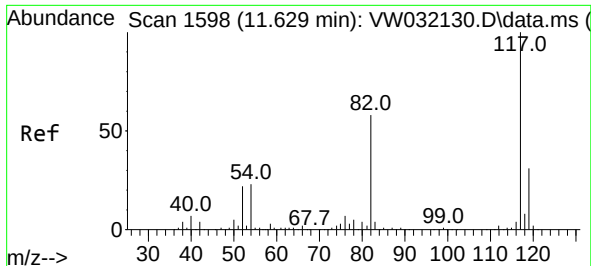
Tgt Ion: 98 Resp: 587
Ion Ratio Lower Upper
98 100
100 59.8 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 176.995 ug/l
RT: 12.623 min Scan# 1761
Delta R.T. 0.006 min
Lab File: VW032133.D
Acq: 25 Aug 2025 14:54

Tgt Ion: 95 Resp: 697
Ion Ratio Lower Upper
95 100
174 73.7 0.0 154.0
176 96.6 0.0 135.2

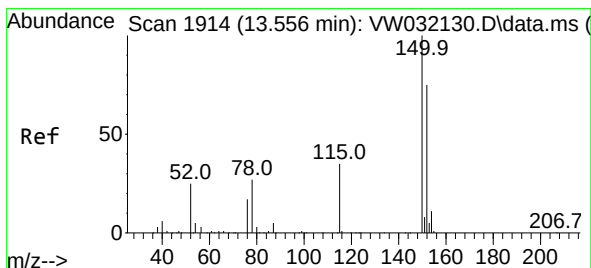
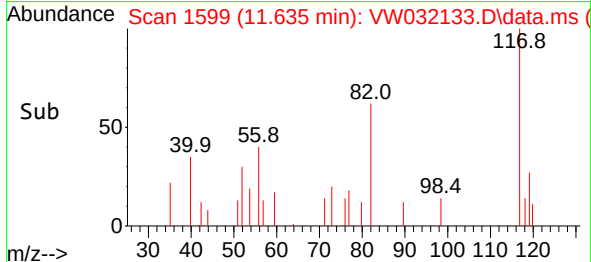
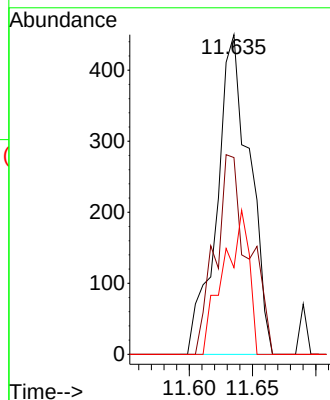
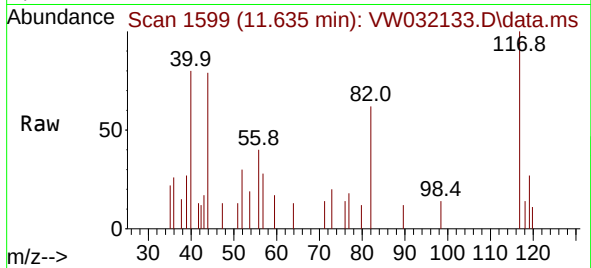




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032133.D
Acq: 25 Aug 2025 14:54

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 813
Ion Ratio Lower Upper
117 100
82 61.6 42.8 64.2
119 27.1 24.5 36.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032133.D
Acq: 25 Aug 2025 14:54

Tgt Ion:152 Resp: 547
Ion Ratio Lower Upper
152 100
115 85.9 30.5 91.5
150 223.2 0.0 319.8

