

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091825\
 Data File : VW032193.D
 Acq On : 18 Sep 2025 10:26
 Operator : SY/MD
 Sample : VW0918SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBL01

Quant Time: Sep 19 04:31:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.953	168	121255	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.855	114	279462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	279101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	135377	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	111024	64.024	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	128.040%
35) Dibromofluoromethane	7.904	113	100835	51.428	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	102.860%
50) Toluene-d8	10.325	98	332408	48.294	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	96.580%
62) 4-Bromofluorobenzene	12.617	95	122572	48.158	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	96.320%

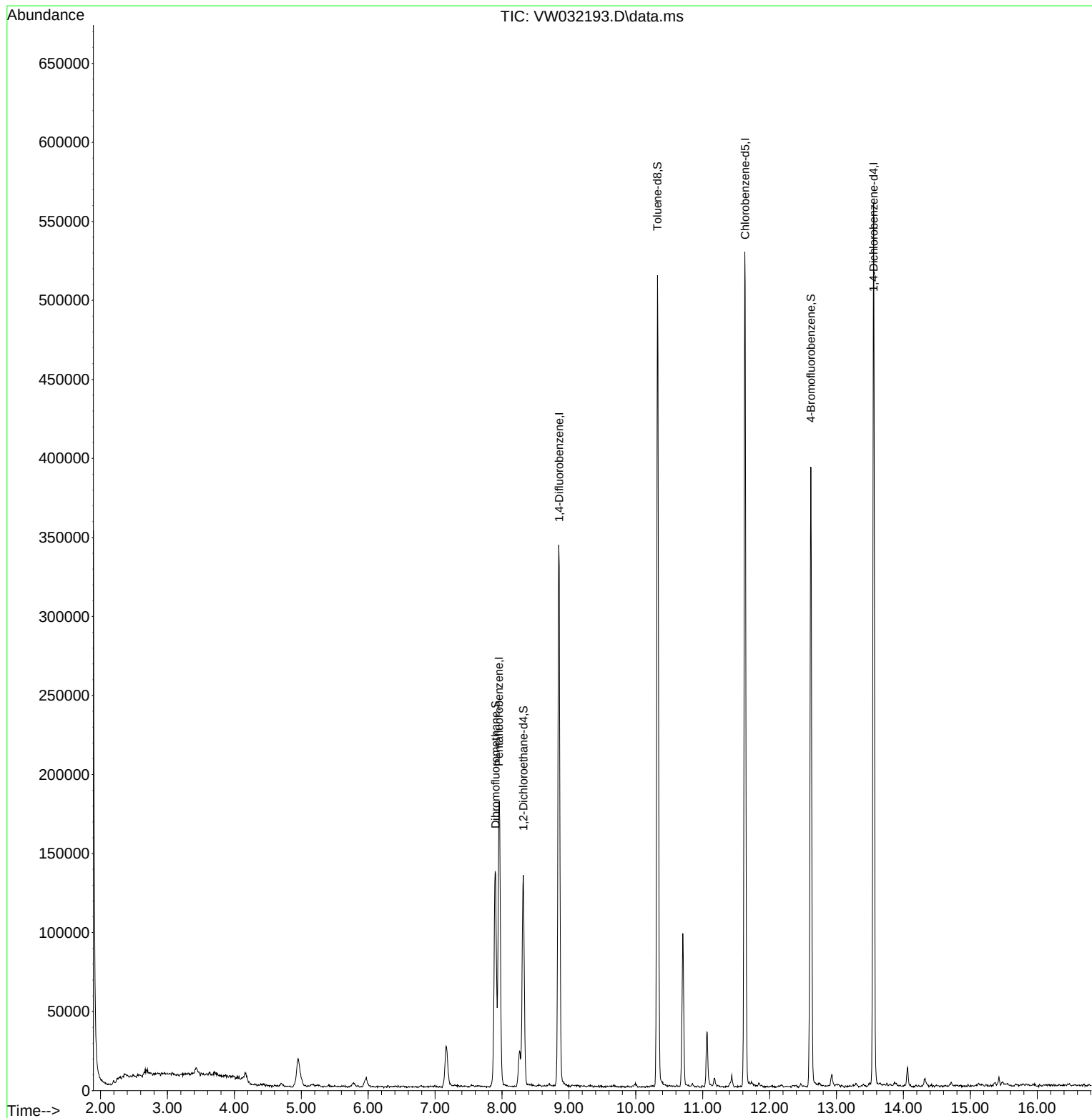
Target Compounds	Qvalue

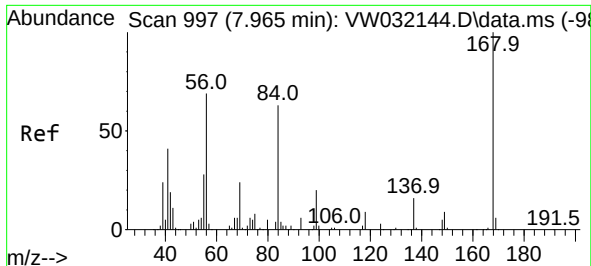
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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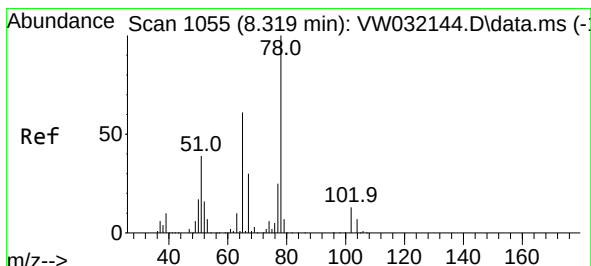
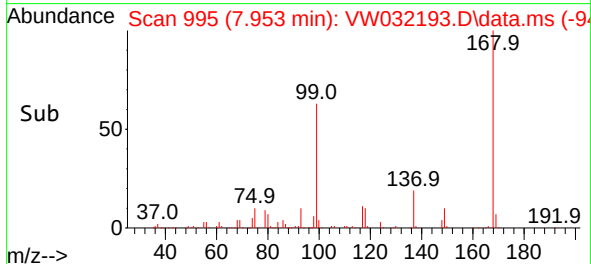
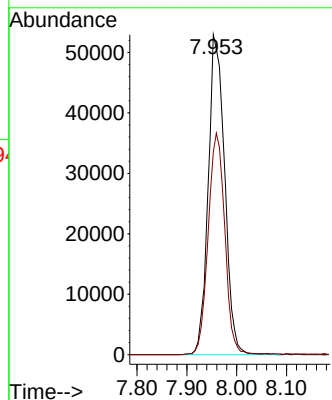
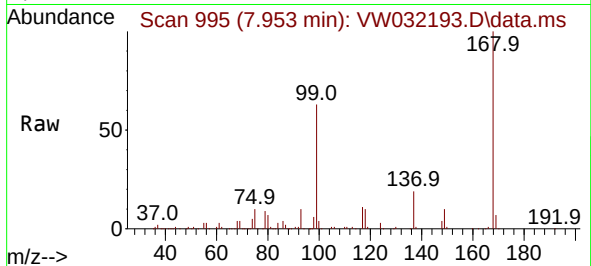




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.953 min Scan# 995
Delta R.T. -0.012 min
Lab File: VW032193.D
Acq: 18 Sep 2025 10:26

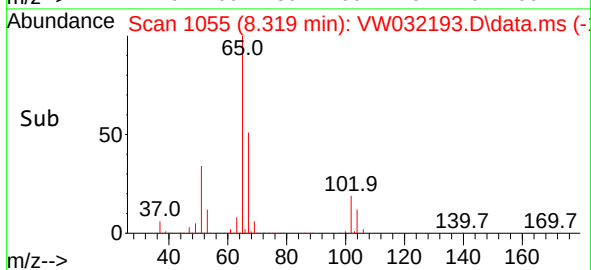
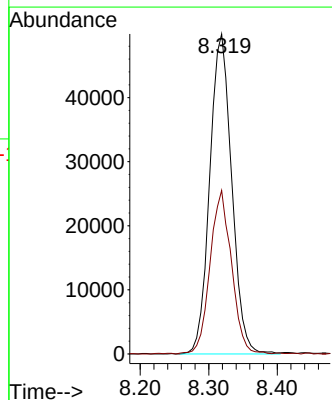
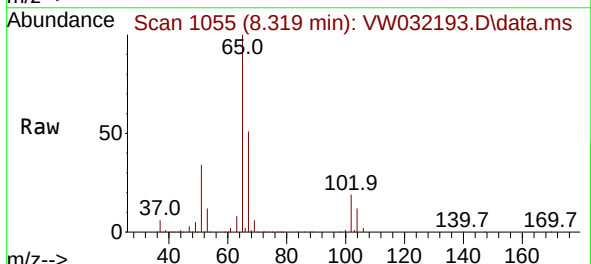
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBL01

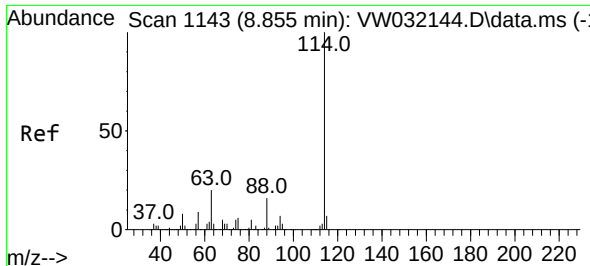
Tgt Ion:168 Resp: 121255
Ion Ratio Lower Upper
168 100
99 63.3 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 64.024 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032193.D
Acq: 18 Sep 2025 10:26

Tgt Ion: 65 Resp: 111024
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.6

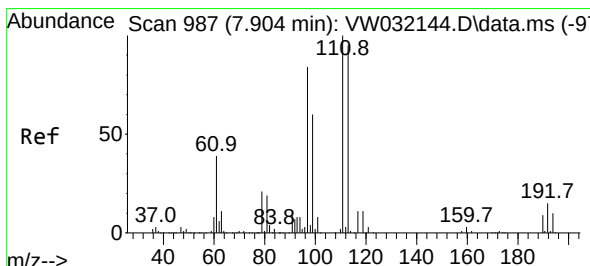
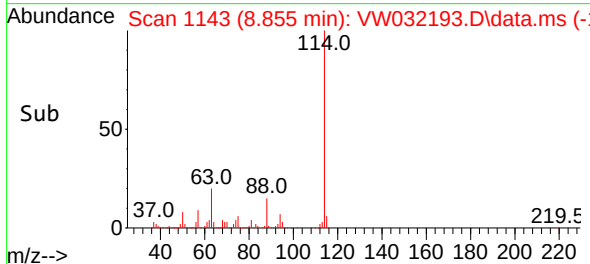
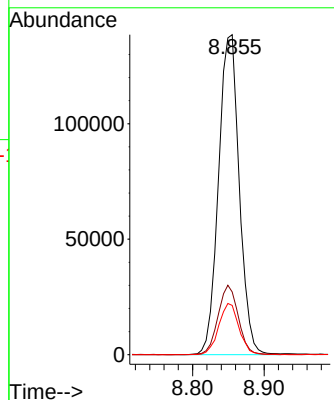
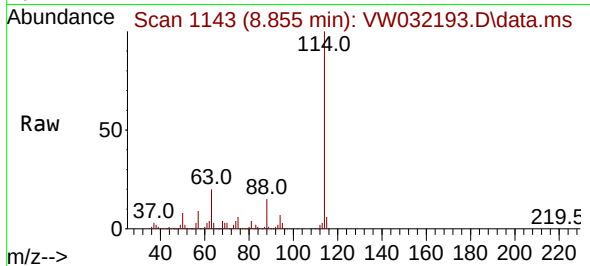




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VW032193.D
Acq: 18 Sep 2025 10:26

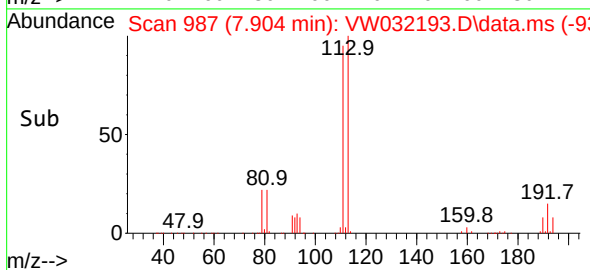
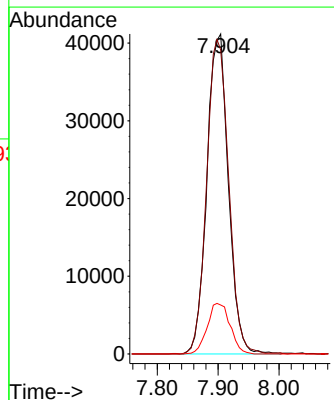
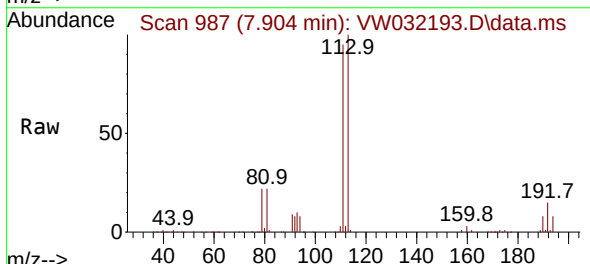
Instrument :
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ClientSampleId :
VW0918SBL01

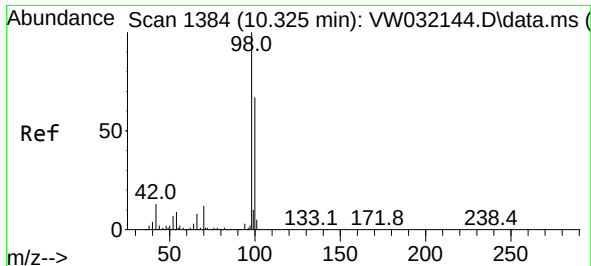
Tgt Ion:114 Resp: 279462
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.4
88 15.4 0.0 32.0



#35
Dibromofluoromethane
Concen: 51.428 ug/l
RT: 7.904 min Scan# 987
Delta R.T. -0.000 min
Lab File: VW032193.D
Acq: 18 Sep 2025 10:26

Tgt Ion:113 Resp: 100835
Ion Ratio Lower Upper
113 100
111 100.9 83.9 125.9
192 16.8 14.6 21.8

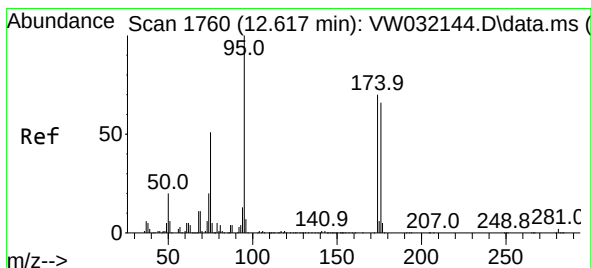
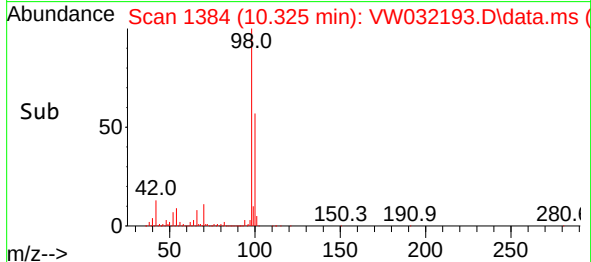
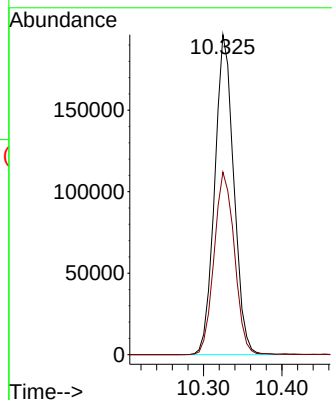
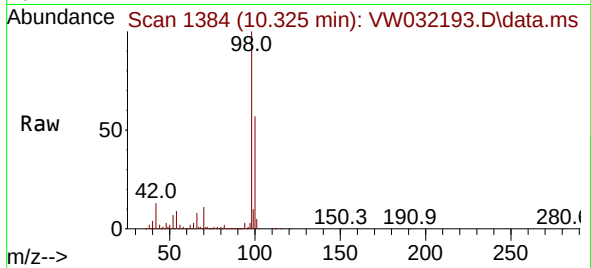




#50
Toluene-d8
Concen: 48.294 ug/l
RT: 10.325 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032193.D
Acq: 18 Sep 2025 10:26

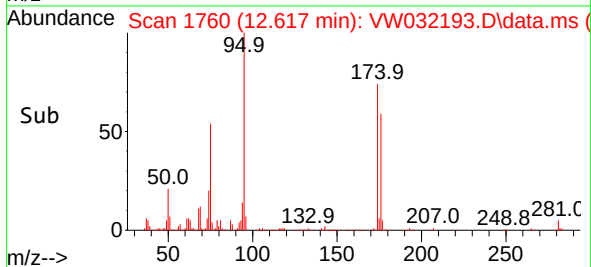
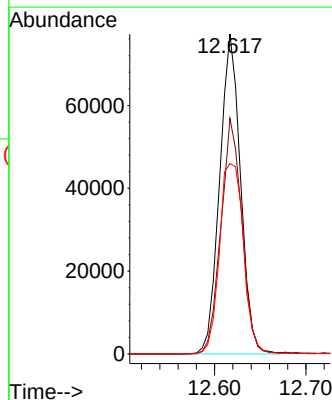
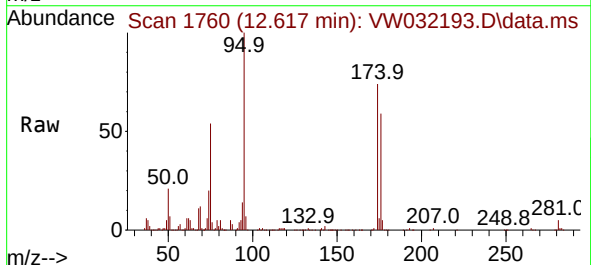
Instrument :
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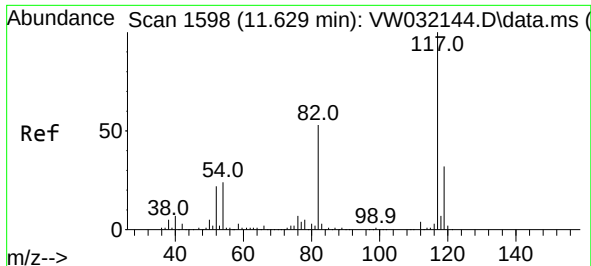
Tgt Ion: 98 Resp: 332408
Ion Ratio Lower Upper
98 100
100 60.8 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 48.158 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032193.D
Acq: 18 Sep 2025 10:26

Tgt Ion: 95 Resp: 122572
Ion Ratio Lower Upper
95 100
174 74.3 0.0 145.6
176 68.8 0.0 140.8

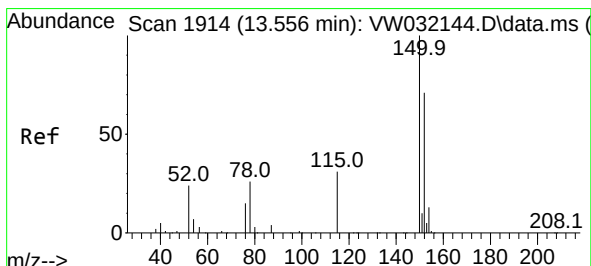
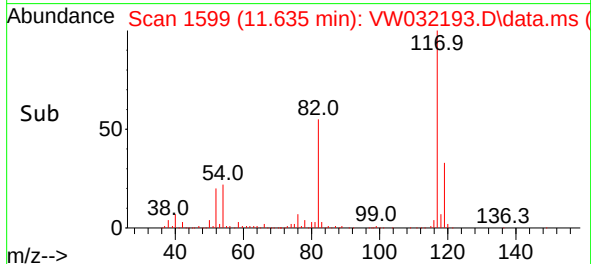
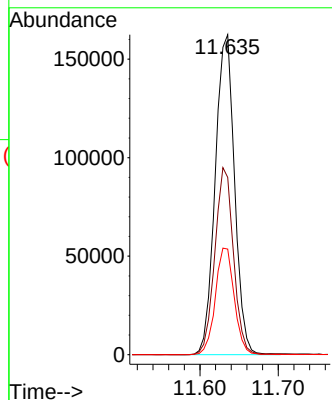
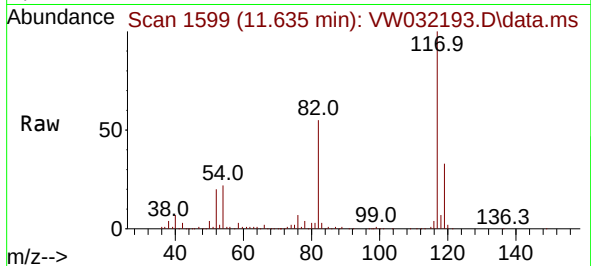




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032193.D
Acq: 18 Sep 2025 10:26

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBL01

Tgt Ion:117 Resp: 279101
Ion Ratio Lower Upper
117 100
82 55.4 42.7 64.1
119 33.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032193.D
Acq: 18 Sep 2025 10:26

Tgt Ion:152 Resp: 135377
Ion Ratio Lower Upper
152 100
115 61.2 31.8 95.4
150 155.6 0.0 343.0

