

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091525\
 Data File : VW032170.D
 Acq On : 15 Sep 2025 11:46
 Operator : SY/MD
 Sample : Q3091-01
 Misc : 4.49g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 12/9C-COMP

Quant Time: Sep 16 06:34:54 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)

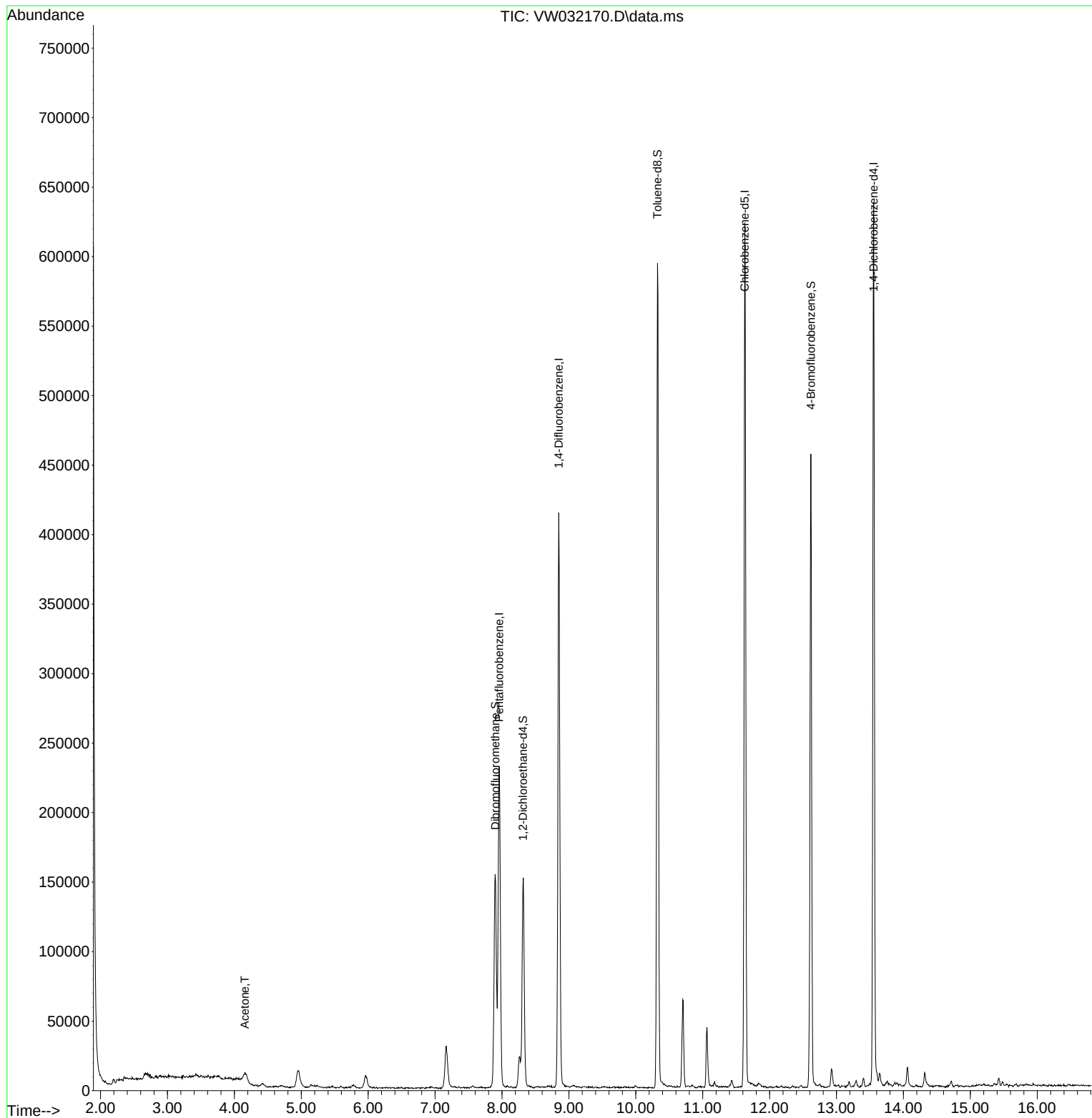
Internal Standards						
1) Pentafluorobenzene	7.959	168	163727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	332873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	328697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	160138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	123209	52.619	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	105.240%
35) Dibromofluoromethane	7.898	113	111787	47.866	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	95.740%
50) Toluene-d8	10.325	98	386777	47.177	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	94.360%
62) 4-Bromofluorobenzene	12.617	95	146351	48.275	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	96.540%
Target Compounds						
16) Acetone	4.155	43	10637	20.976	ug/l	Qvalue # 85

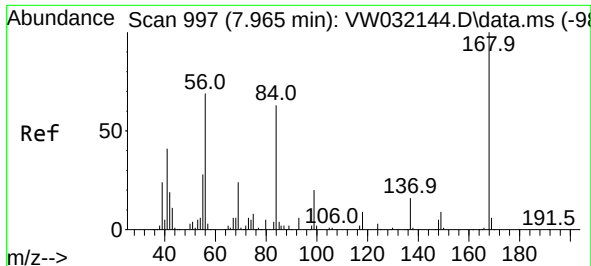
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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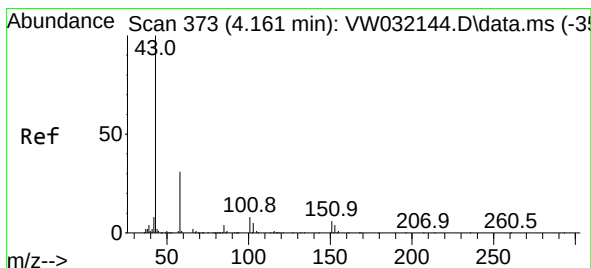
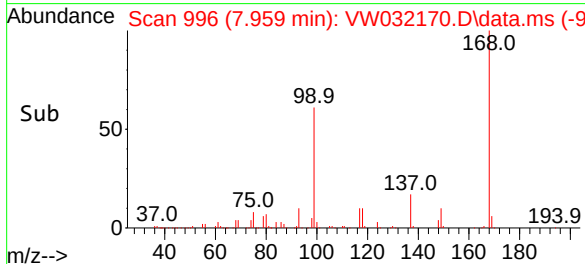
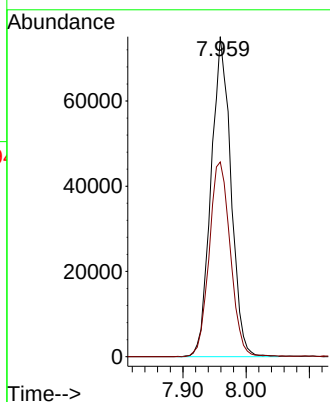
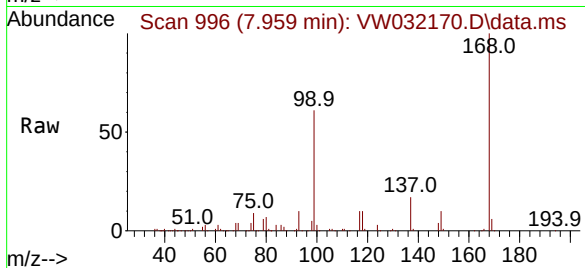




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032170.D
Acq: 15 Sep 2025 11:46

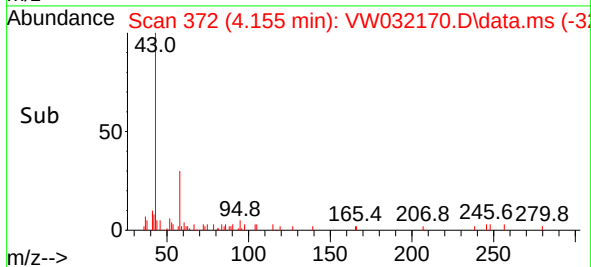
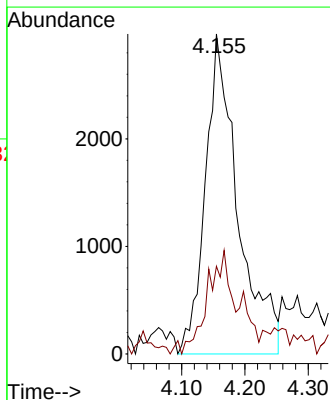
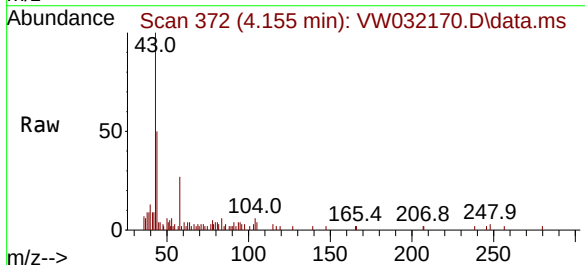
Instrument :
MSVOA_W
ClientSampleId :
12/9C-COMP

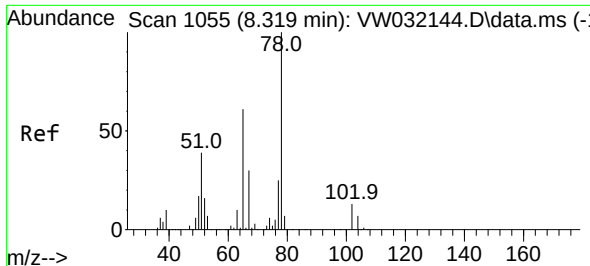
Tgt Ion:168 Resp: 163727
Ion Ratio Lower Upper
168 100
99 60.8 49.3 73.9



#16
Acetone
Concen: 20.976 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032170.D
Acq: 15 Sep 2025 11:46

Tgt Ion: 43 Resp: 10637
Ion Ratio Lower Upper
43 100
58 23.3 25.3 37.9#

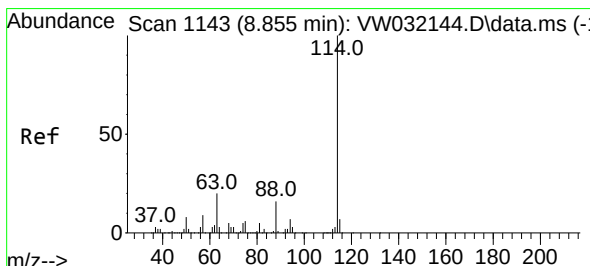
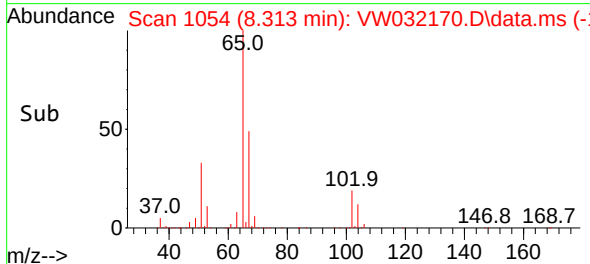
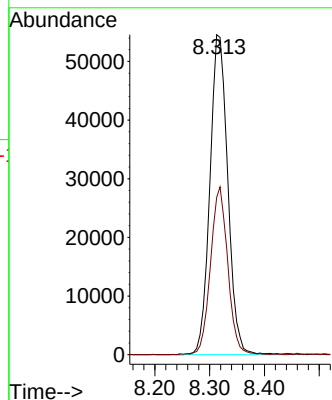
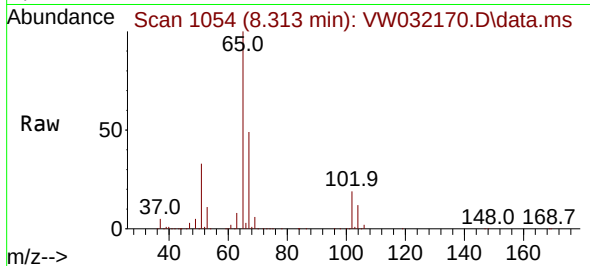




#33
 1,2-Dichloroethane-d4
 Concen: 52.619 ug/l
 RT: 8.313 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VW032170.D
 Acq: 15 Sep 2025 11:46

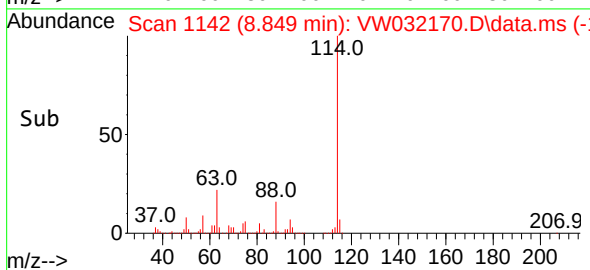
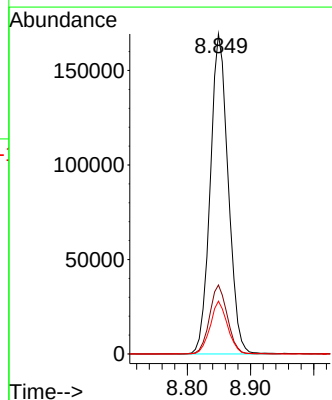
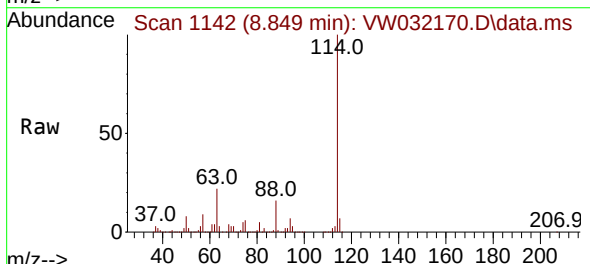
Instrument :
 MSVOA_W
 ClientSampleId :
 12/9C-COMP

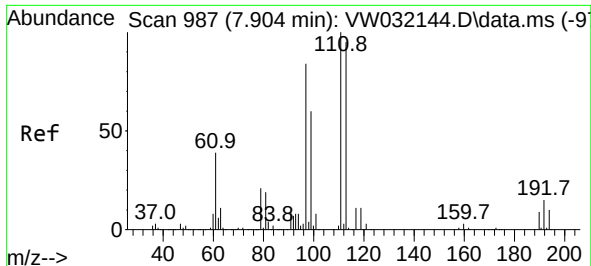
Tgt Ion: 65 Resp: 123209
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032170.D
 Acq: 15 Sep 2025 11:46

Tgt Ion: 114 Resp: 332873
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 40.4
 88 16.5 0.0 32.0

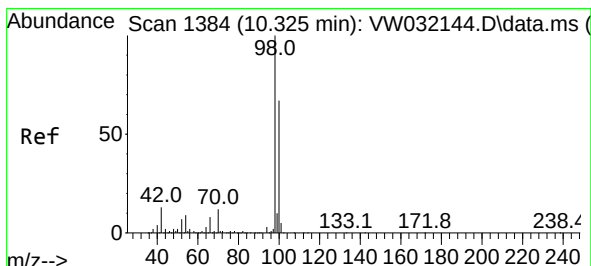
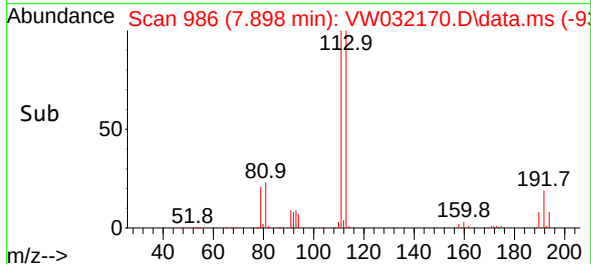
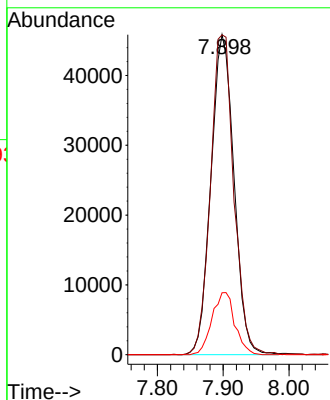
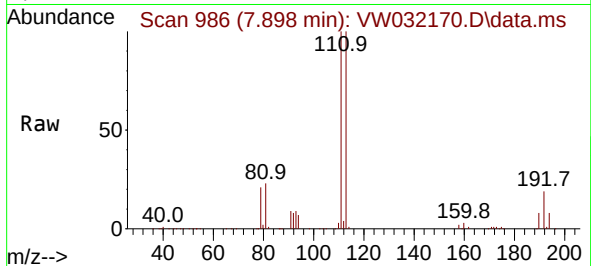




#35
 Dibromofluoromethane
 Concen: 47.866 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032170.D
 Acq: 15 Sep 2025 11:46

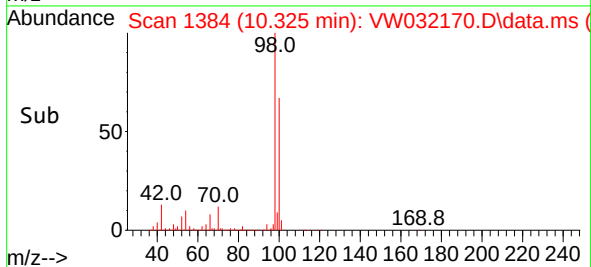
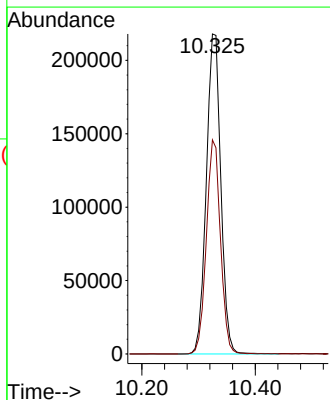
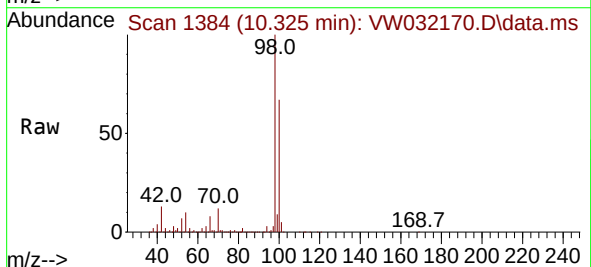
Instrument :
 MSVOA_W
 ClientSampleId :
 12/9C-COMP

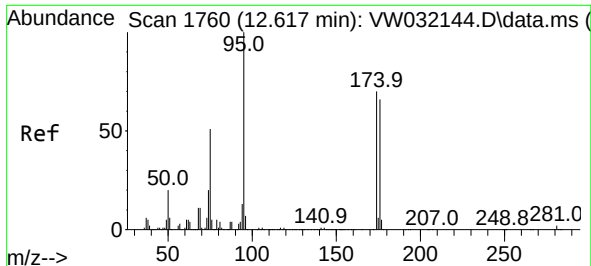
Tgt Ion:113 Resp: 111787
 Ion Ratio Lower Upper
 113 100
 111 101.2 83.9 125.9
 192 19.3 14.6 21.8



#50
 Toluene-d8
 Concen: 47.177 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. -0.000 min
 Lab File: VW032170.D
 Acq: 15 Sep 2025 11:46

Tgt Ion: 98 Resp: 386777
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.4 77.2

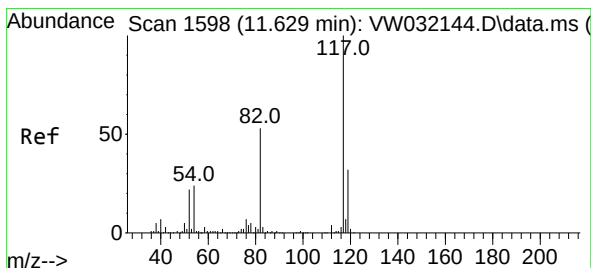
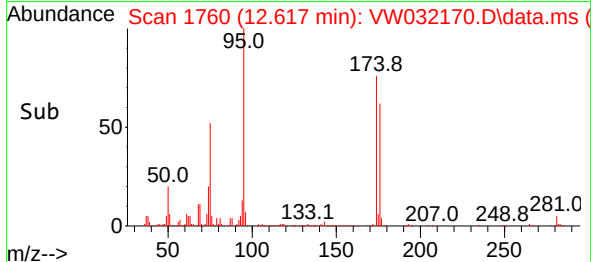
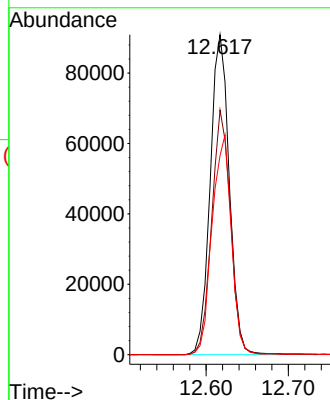
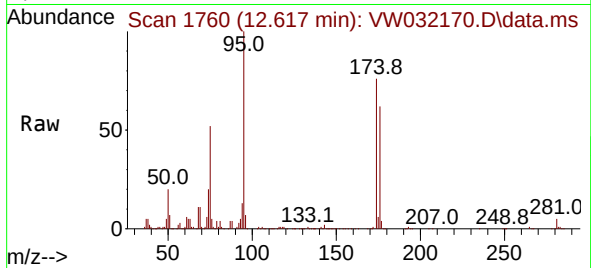




#62
4-Bromofluorobenzene
Concen: 48.275 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032170.D
Acq: 15 Sep 2025 11:46

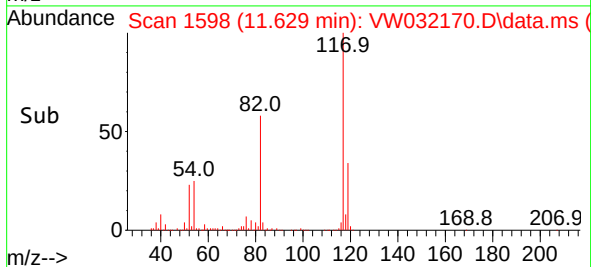
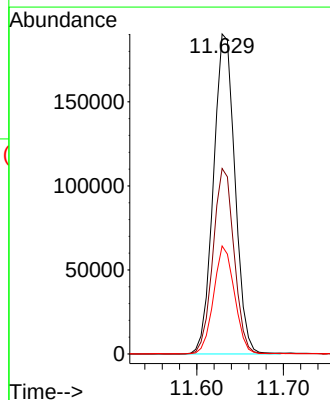
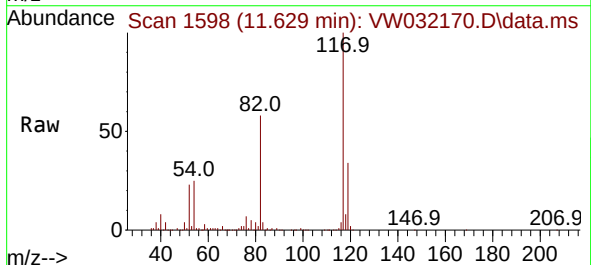
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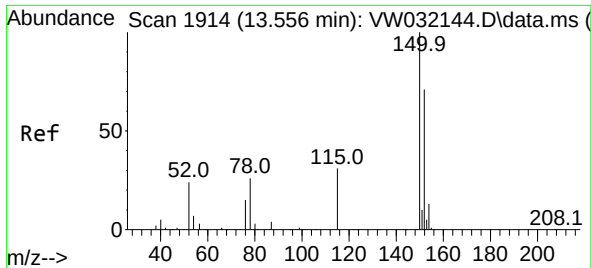
Tgt Ion: 95 Resp: 146351
Ion Ratio Lower Upper
95 100
174 75.9 0.0 145.6
176 69.2 0.0 140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VW032170.D
Acq: 15 Sep 2025 11:46

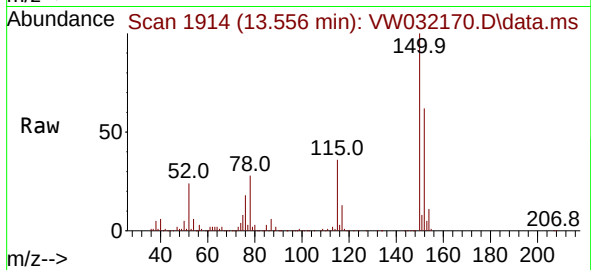
Tgt Ion: 117 Resp: 328697
Ion Ratio Lower Upper
117 100
82 58.0 42.7 64.1
119 33.7 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032170.D
 Acq: 15 Sep 2025 11:46

Instrument :
 MSVOA_W
 ClientSampleId :
 12/9C-COMP



Tgt Ion:152 Resp: 160138
 Ion Ratio Lower Upper
 152 100
 115 61.6 31.8 95.4
 150 160.6 0.0 343.0

