

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
 Data File : VW032214.D
 Acq On : 19 Sep 2025 14:43
 Operator : SY/MD
 Sample : Q3155-02
 Misc : 4.83g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 COMP-2

Quant Time: Sep 19 23:10:29 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	7.965	168	149567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	332025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	337360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	169813	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	117613	54.985	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	109.960%
35) Dibromofluoromethane	7.904	113	106789	45.843	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	91.680%
50) Toluene-d8	10.325	98	347161	42.453	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	84.900%
62) 4-Bromofluorobenzene	12.617	95	148300	49.042	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	98.080%

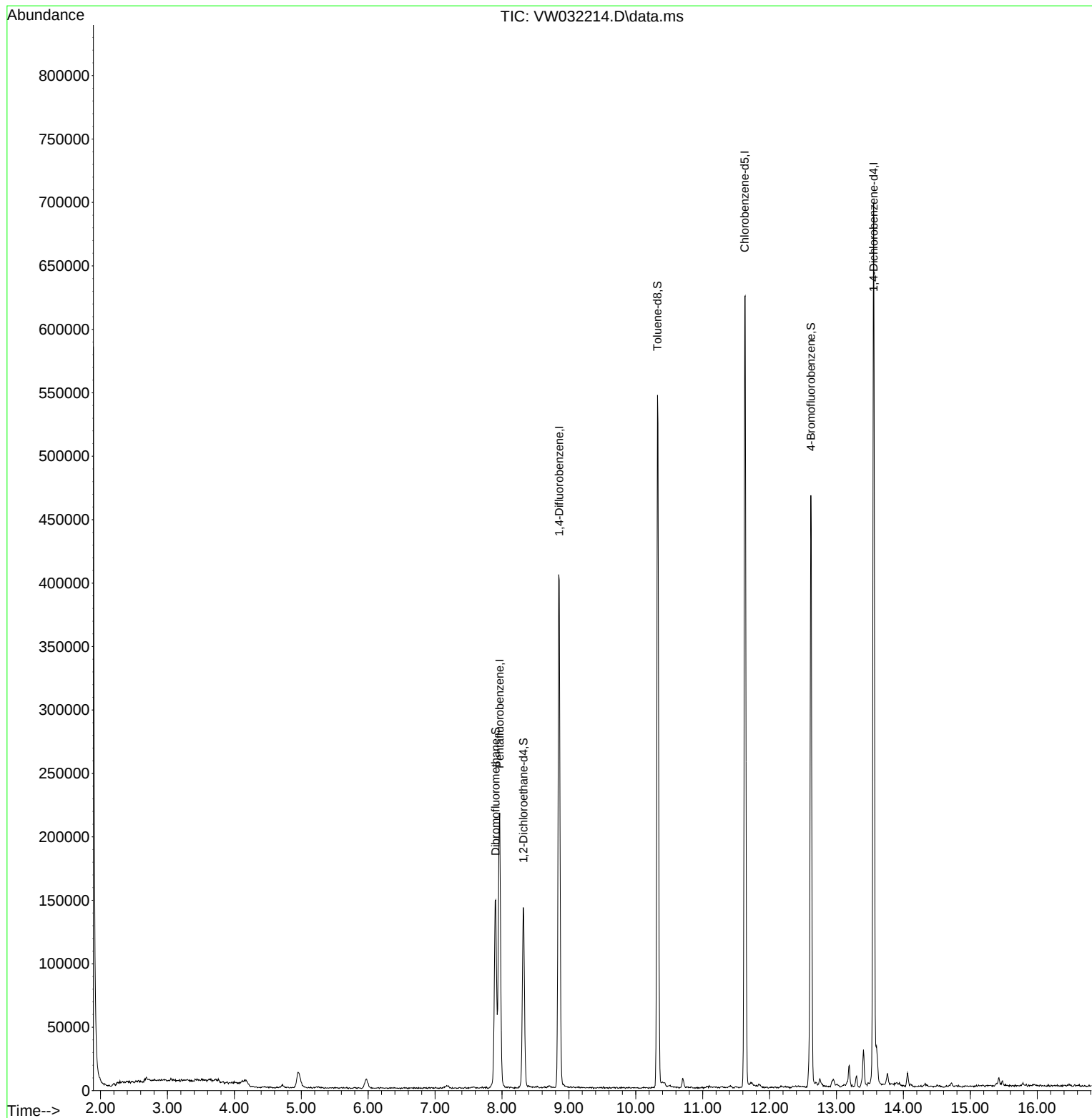
Target Compounds	Qvalue

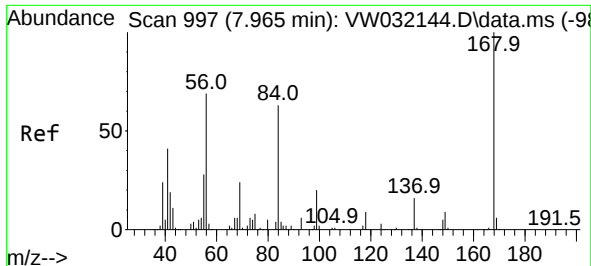
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032214.D
Acq On : 19 Sep 2025 14:43
Operator : SY/MD
Sample : Q3155-02
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
COMP-2

Quant Time: Sep 19 23:10:29 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

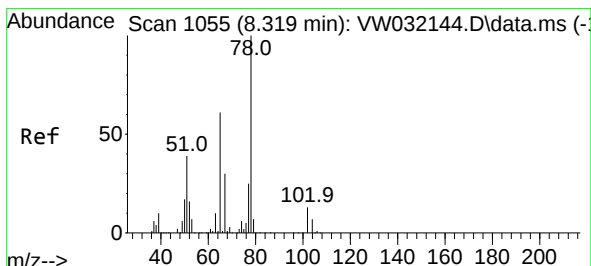
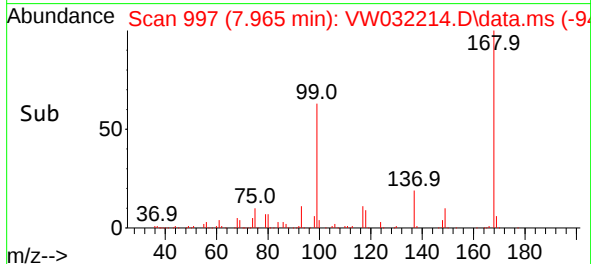
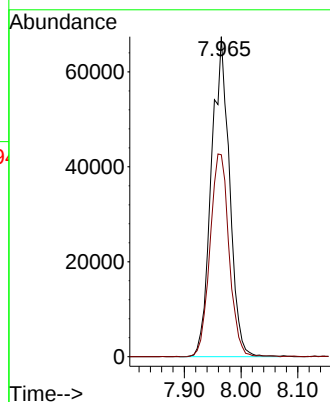
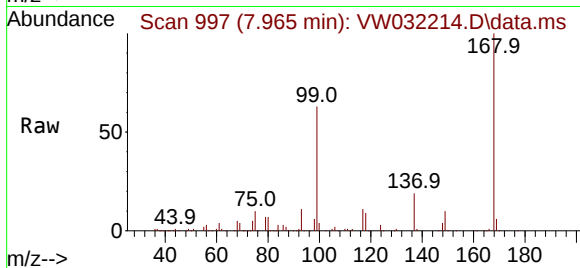




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032214.D
Acq: 19 Sep 2025 14:43

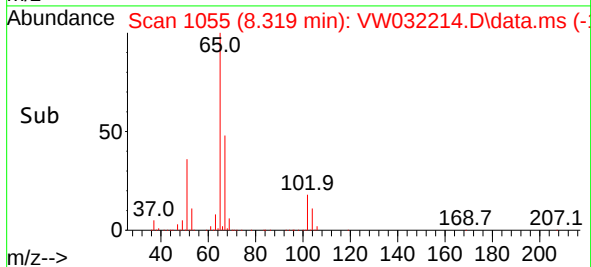
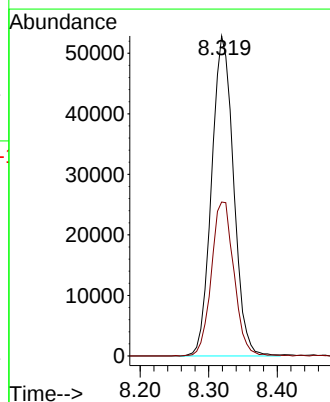
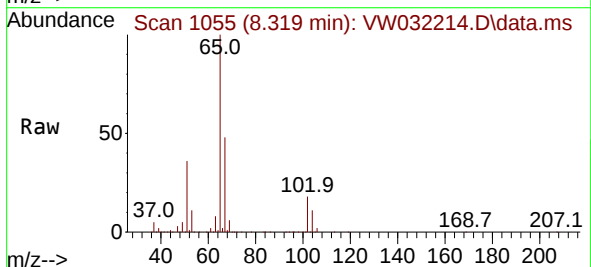
Instrument :
MSVOA_W
ClientSampleId :
COMP-2

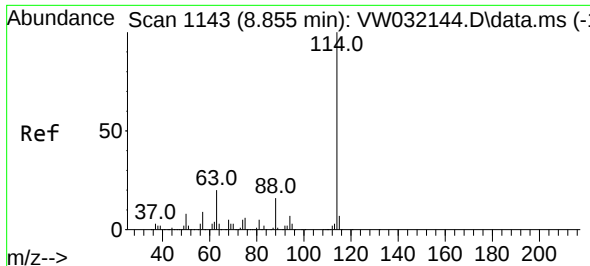
Tgt Ion:168 Resp: 149567
Ion Ratio Lower Upper
168 100
99 63.1 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 54.985 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032214.D
Acq: 19 Sep 2025 14:43

Tgt Ion: 65 Resp: 117613
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.6

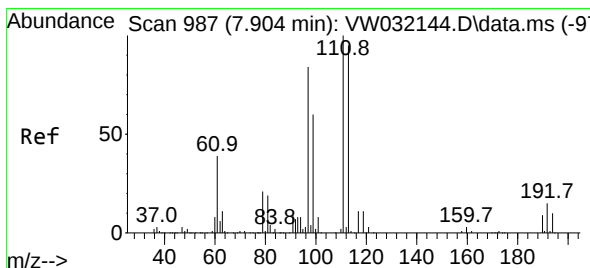
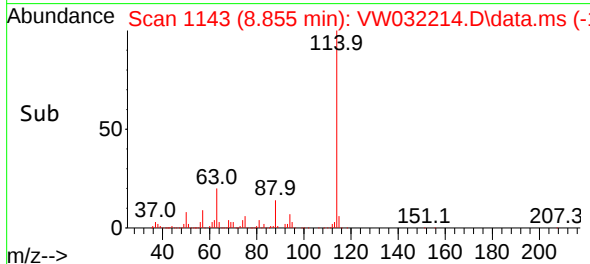
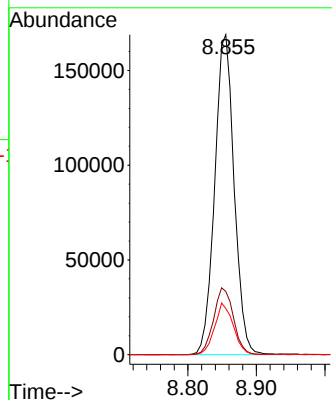
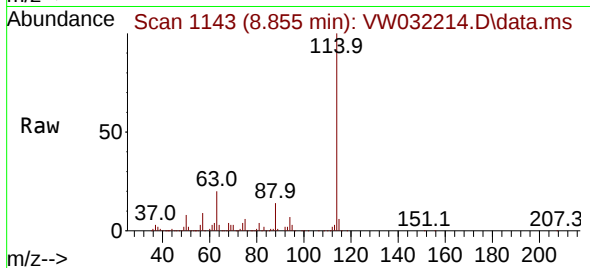




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VW032214.D
Acq: 19 Sep 2025 14:43

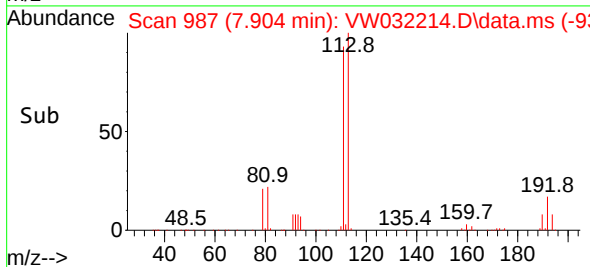
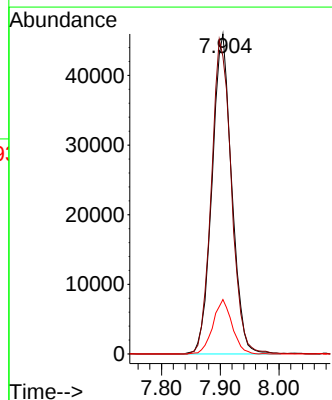
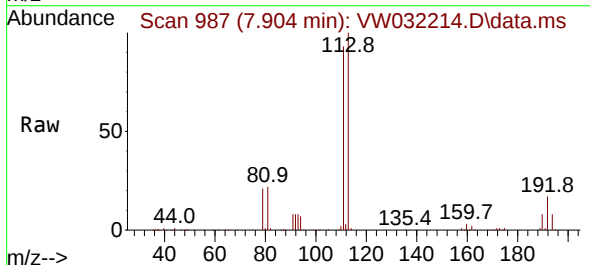
Instrument :
MSVOA_W
ClientSampleId :
COMP-2

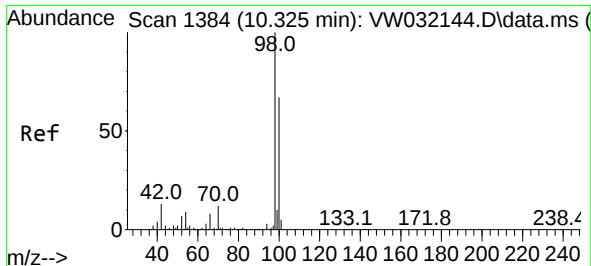
Tgt Ion:114 Resp: 332025
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.4
88 14.4 0.0 32.0



#35
Dibromofluoromethane
Concen: 45.843 ug/l
RT: 7.904 min Scan# 987
Delta R.T. -0.000 min
Lab File: VW032214.D
Acq: 19 Sep 2025 14:43

Tgt Ion:113 Resp: 106789
Ion Ratio Lower Upper
113 100
111 100.3 83.9 125.9
192 16.6 14.6 21.8

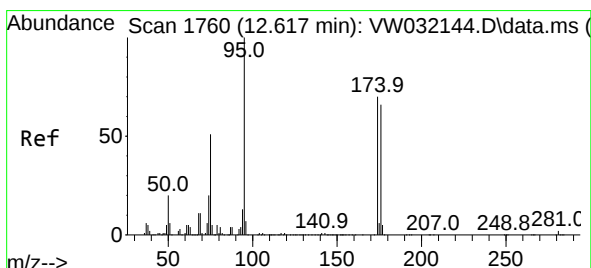
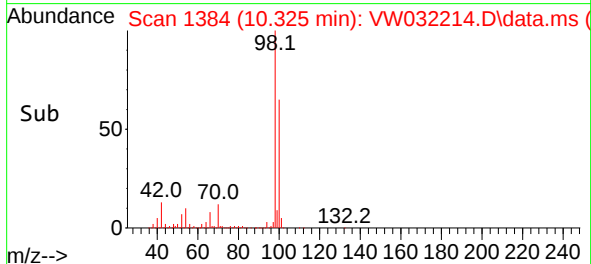
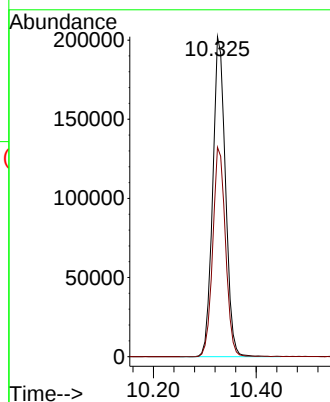
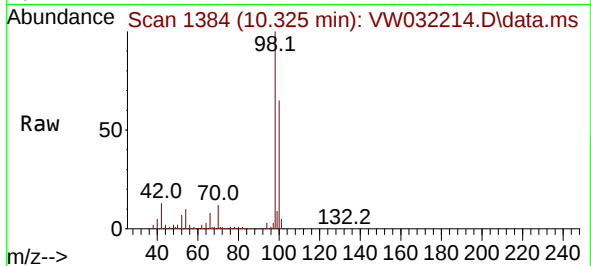




#50
Toluene-d8
Concen: 42.453 ug/l
RT: 10.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032214.D
Acq: 19 Sep 2025 14:43

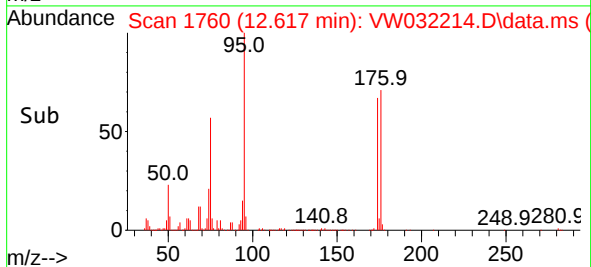
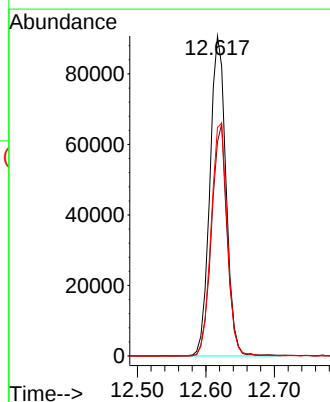
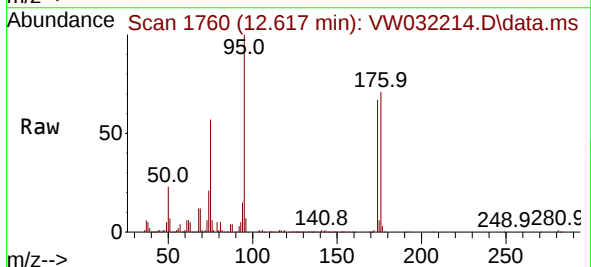
Instrument :
MSVOA_W
ClientSampleId :
COMP-2

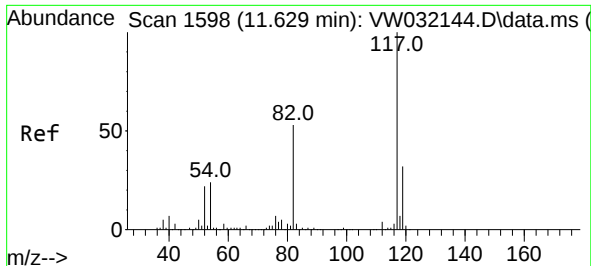
Tgt Ion: 98 Resp: 347161
Ion Ratio Lower Upper
98 100
100 65.6 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 49.042 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032214.D
Acq: 19 Sep 2025 14:43

Tgt Ion: 95 Resp: 148300
Ion Ratio Lower Upper
95 100
174 70.0 0.0 145.6
176 73.3 0.0 140.8

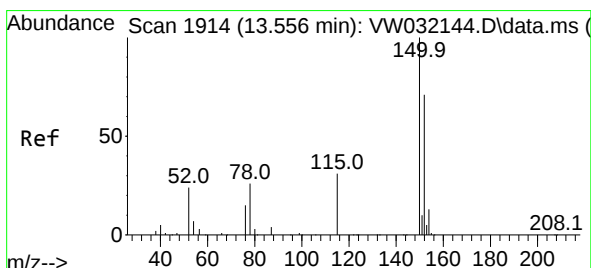
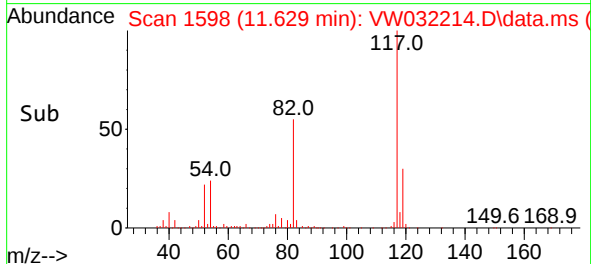
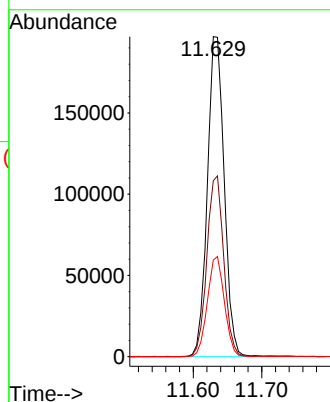
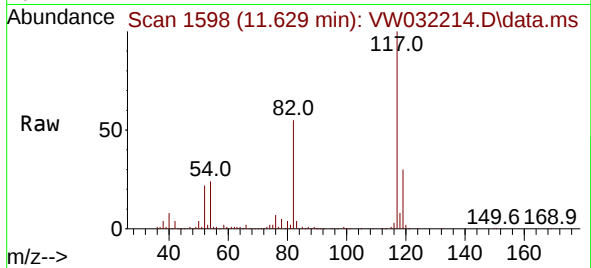




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032214.D
Acq: 19 Sep 2025 14:43

Instrument :
MSVOA_W
ClientSampleId :
COMP-2

Tgt Ion:117 Resp: 337360
Ion Ratio Lower Upper
117 100
82 55.0 42.7 64.1
119 30.1 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: VW032214.D
Acq: 19 Sep 2025 14:43

Tgt Ion:152 Resp: 169813
Ion Ratio Lower Upper
152 100
115 62.5 31.8 95.4
150 157.0 0.0 343.0

