

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091525\
 Data File : VW032172.D
 Acq On : 15 Sep 2025 13:55
 Operator : SY/MD
 Sample : Q3104-01
 Misc : 5.20g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-04-091525

Quant Time: Sep 16 06:35:49 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)

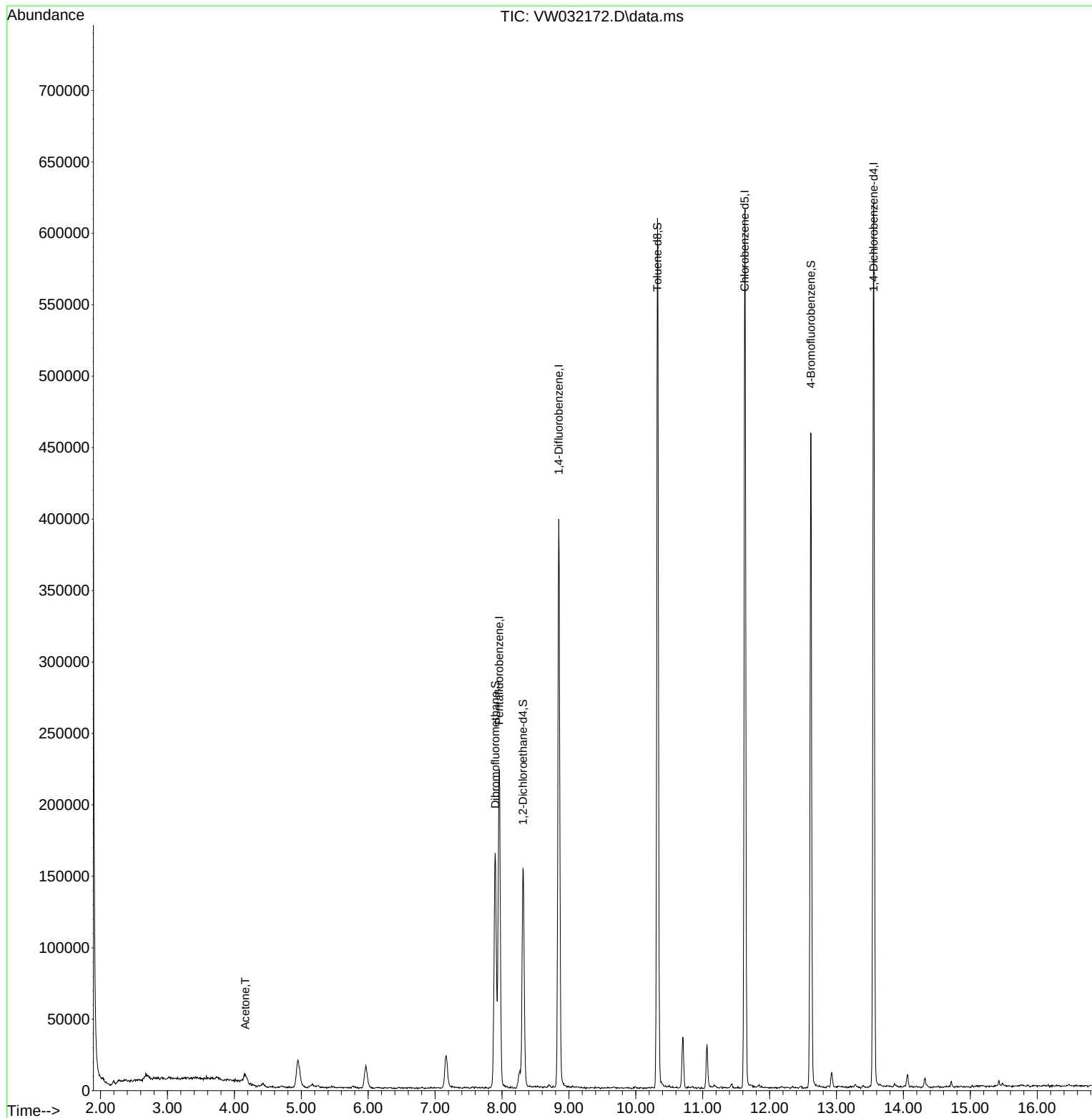
Internal Standards						
1) Pentafluorobenzene	7.959	168	163408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	326555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	326282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	152676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	127761	54.670	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 109.340%		
35) Dibromofluoromethane	7.898	113	118940	51.914	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 103.820%		
50) Toluene-d8	10.325	98	386215	48.020	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 96.040%		
62) 4-Bromofluorobenzene	12.617	95	147324	49.536	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 99.080%		
Target Compounds						
16) Acetone	4.161	43	10165	20.084	ug/l	Qvalue 89

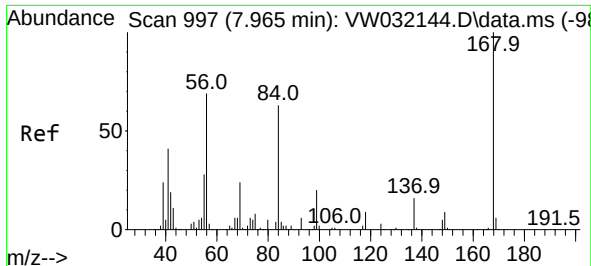
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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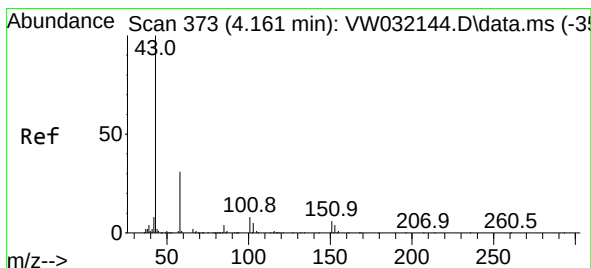
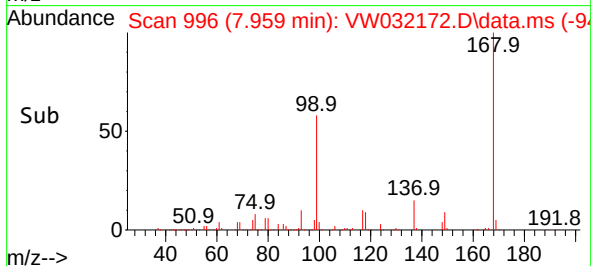
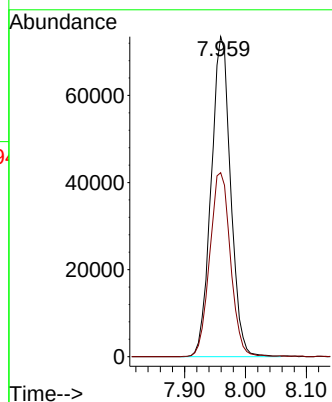
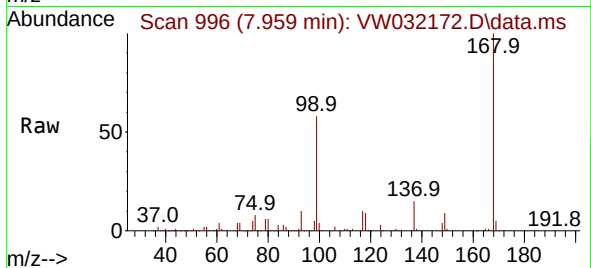




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032172.D
Acq: 15 Sep 2025 13:55

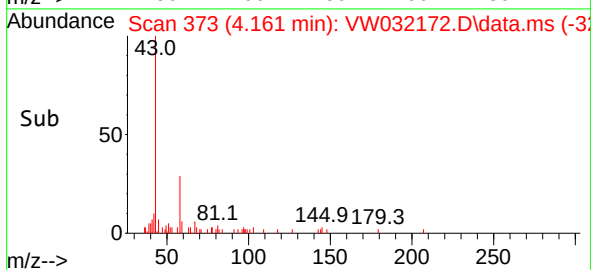
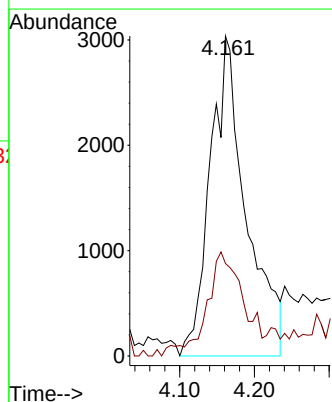
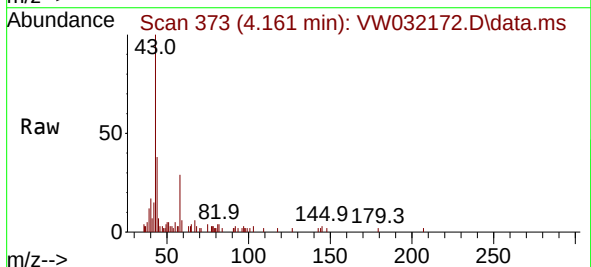
Instrument :
MSVOA_W
ClientSampleId :
SU-04-091525

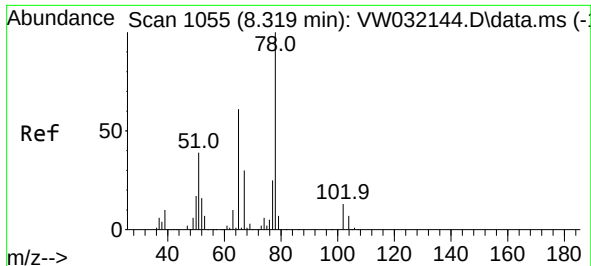
Tgt Ion:168 Resp: 163408
Ion Ratio Lower Upper
168 100
99 57.5 49.3 73.9



#16
Acetone
Concen: 20.084 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032172.D
Acq: 15 Sep 2025 13:55

Tgt Ion: 43 Resp: 10165
Ion Ratio Lower Upper
43 100
58 25.6 25.3 37.9





#33

1,2-Dichloroethane-d4

Concen: 54.670 ug/l

RT: 8.313 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VW032172.D

Acq: 15 Sep 2025 13:55

Instrument :

MSVOA_W

ClientSampleId :

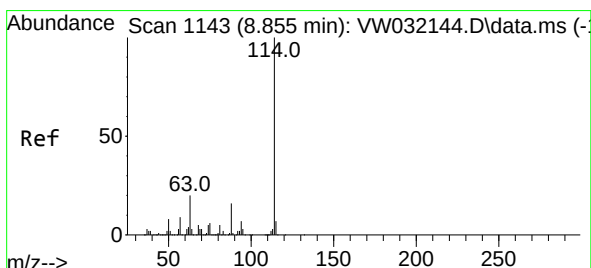
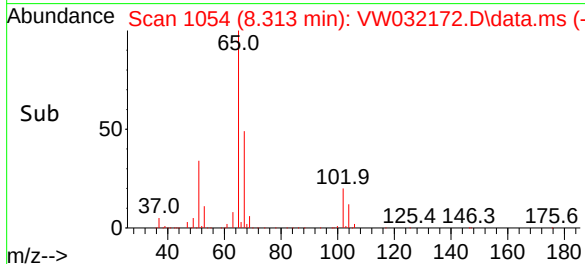
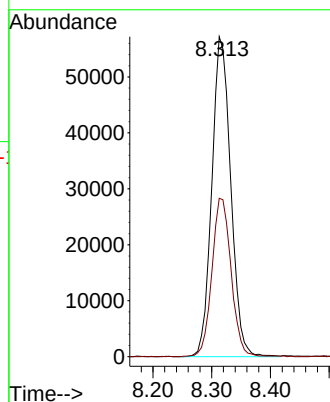
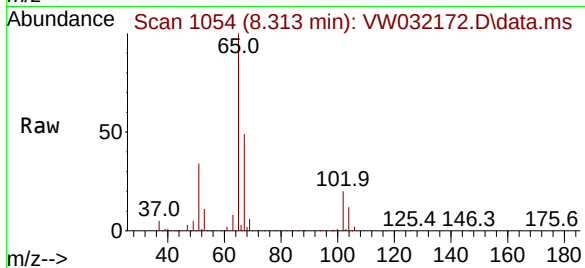
SU-04-091525

Tgt Ion: 65 Resp: 127761

Ion Ratio Lower Upper

65 100

67 50.2 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: VW032172.D

Acq: 15 Sep 2025 13:55

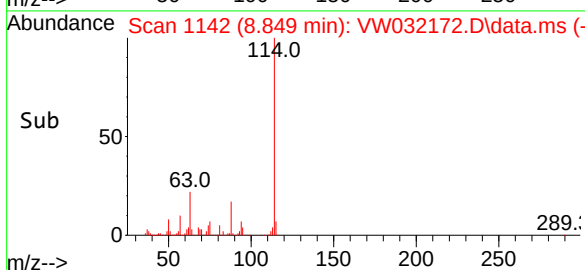
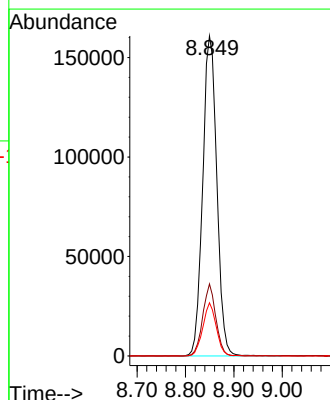
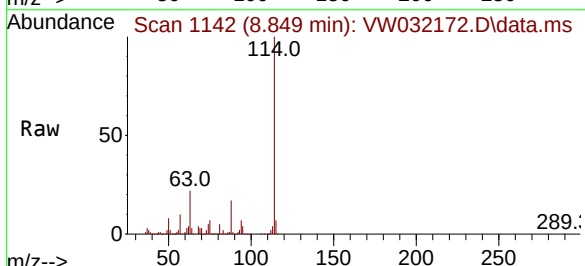
Tgt Ion: 114 Resp: 326555

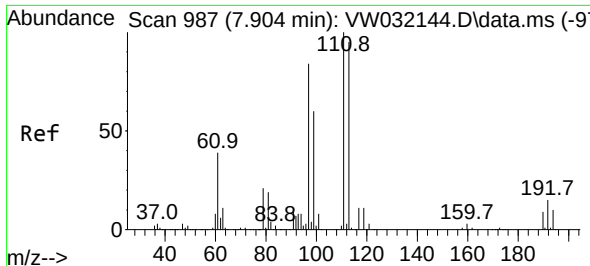
Ion Ratio Lower Upper

114 100

63 22.5 0.0 40.4

88 16.6 0.0 32.0

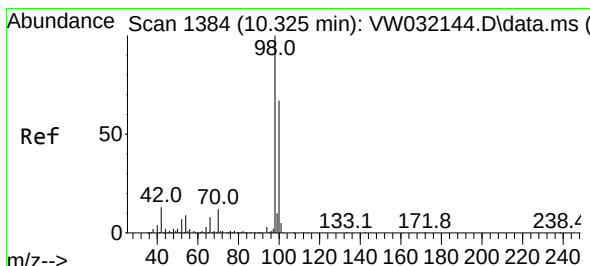
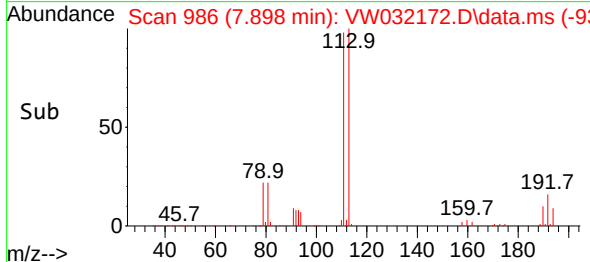
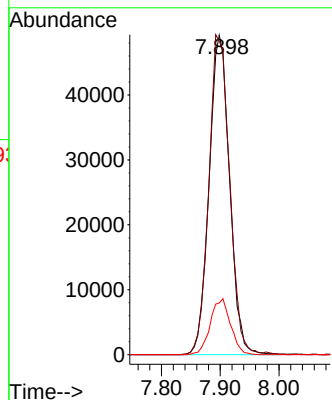
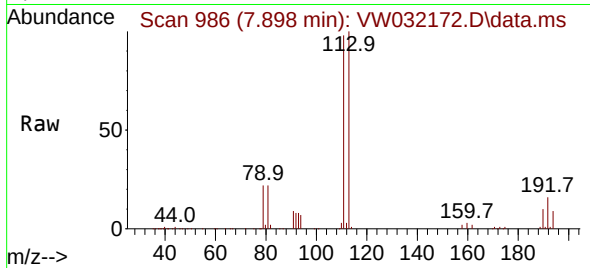




#35
 Dibromofluoromethane
 Concen: 51.914 ug/l
 RT: 7.898 min Scan# 986
 Delta R.T. -0.006 min
 Lab File: VW032172.D
 Acq: 15 Sep 2025 13:55

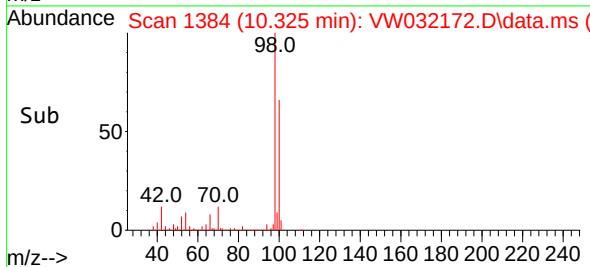
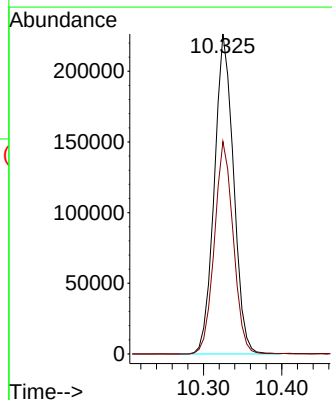
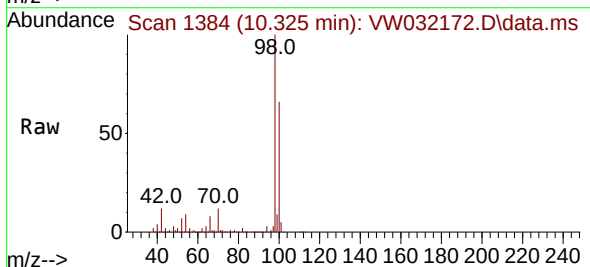
Instrument :
 MSVOA_W
 ClientSampleId :
 SU-04-091525

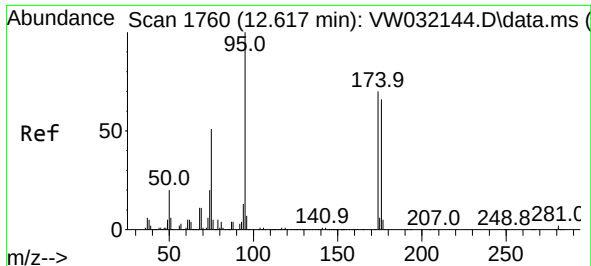
Tgt Ion:113 Resp: 118940
 Ion Ratio Lower Upper
 113 100
 111 101.7 83.9 125.9
 192 17.3 14.6 21.8



#50
 Toluene-d8
 Concen: 48.020 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. 0.000 min
 Lab File: VW032172.D
 Acq: 15 Sep 2025 13:55

Tgt Ion: 98 Resp: 386215
 Ion Ratio Lower Upper
 98 100
 100 65.1 51.4 77.2

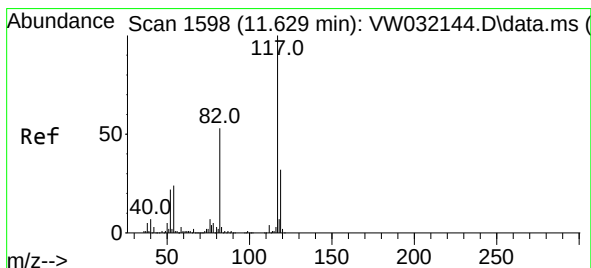
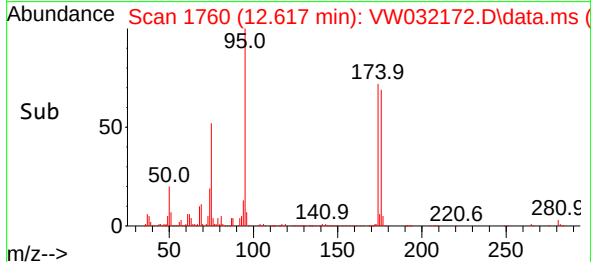
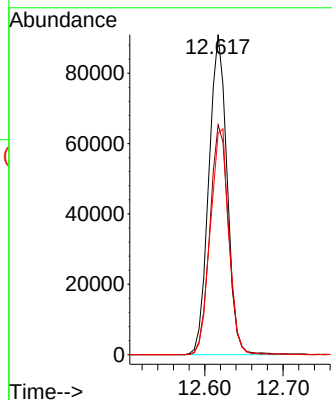
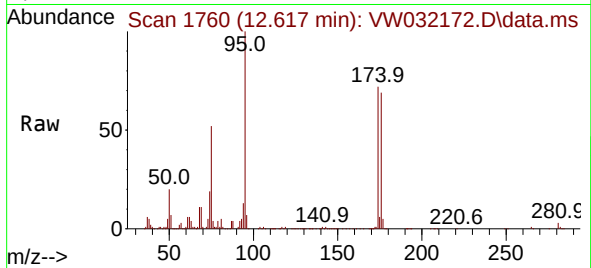




#62
4-Bromofluorobenzene
Concen: 49.536 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032172.D
Acq: 15 Sep 2025 13:55

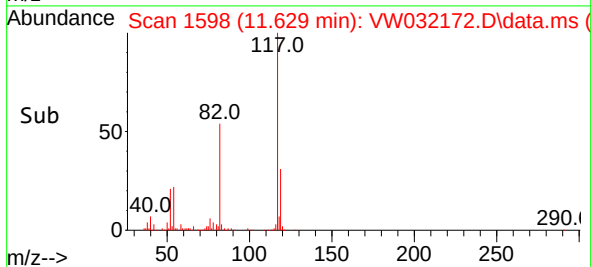
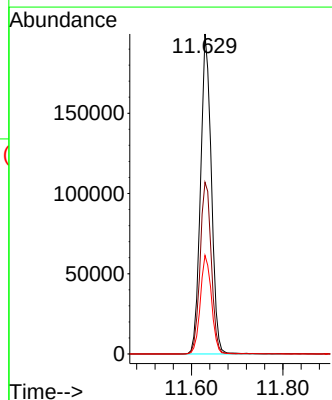
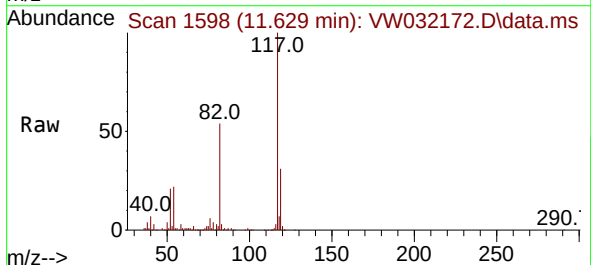
Instrument :
MSVOA_W
ClientSampleId :
SU-04-091525

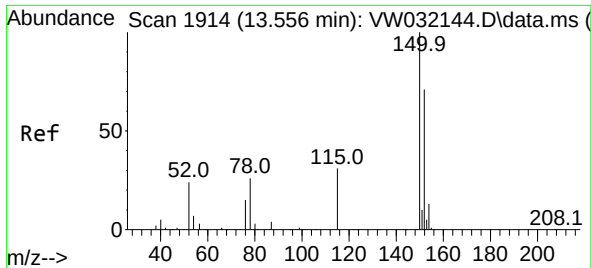
Tgt Ion: 95 Resp: 147324
Ion Ratio Lower Upper
95 100
174 73.2 0.0 145.6
176 71.8 0.0 140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VW032172.D
Acq: 15 Sep 2025 13:55

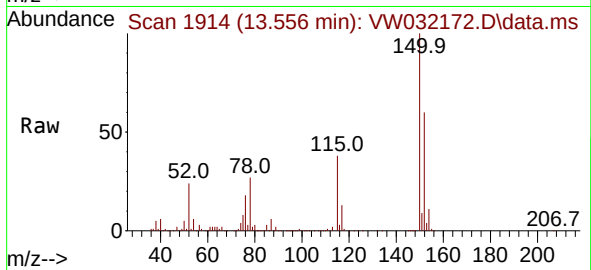
Tgt Ion: 117 Resp: 326282
Ion Ratio Lower Upper
117 100
82 53.7 42.7 64.1
119 30.8 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW032172.D
 Acq: 15 Sep 2025 13:55

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-04-091525



Tgt Ion:152 Resp: 152676
 Ion Ratio Lower Upper
 152 100
 115 61.7 31.8 95.4
 150 161.0 0.0 343.0

