

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091525\
 Data File : VW032173.D
 Acq On : 15 Sep 2025 14:33
 Operator : SY/MD
 Sample : Q3091-01
 Misc : 5.12g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 12/9C-COMP

Quant Time: Sep 16 06:36:15 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)

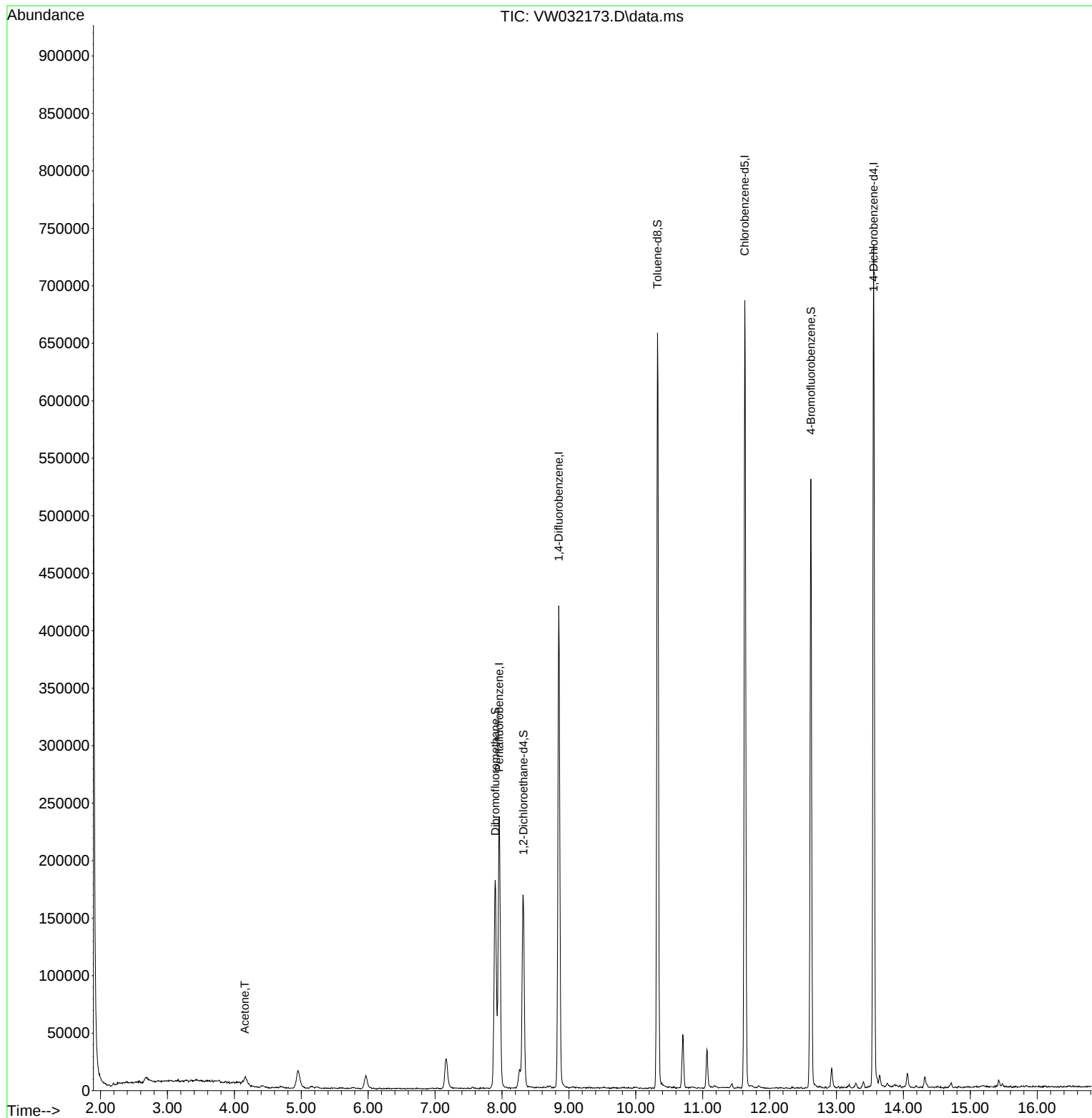
Internal Standards						
1) Pentafluorobenzene	7.959	168	165426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	341352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	360000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	182611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	142484	60.226	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 120.460%		
35) Dibromofluoromethane	7.898	113	128456	53.637	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 107.280%		
50) Toluene-d8	10.325	98	426025	50.673	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 101.340%		
62) 4-Bromofluorobenzene	12.617	95	162947	52.414	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 104.820%		
Target Compounds						
16) Acetone	4.155	43	9934	19.388	ug/l	Qvalue # 79

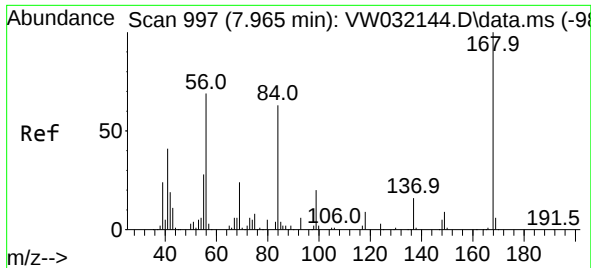
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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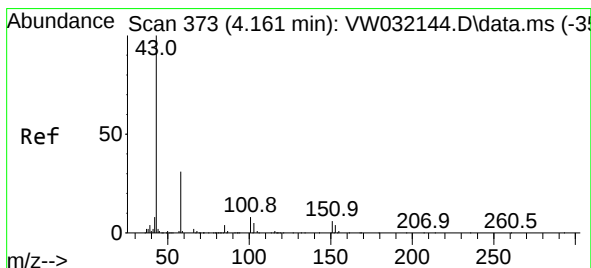
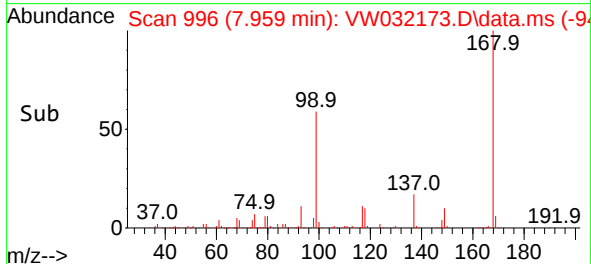
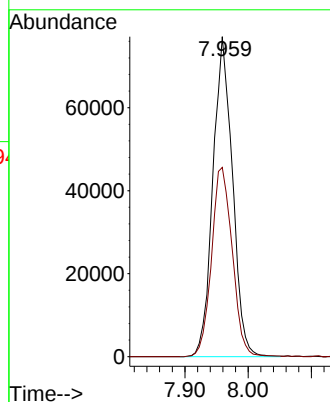
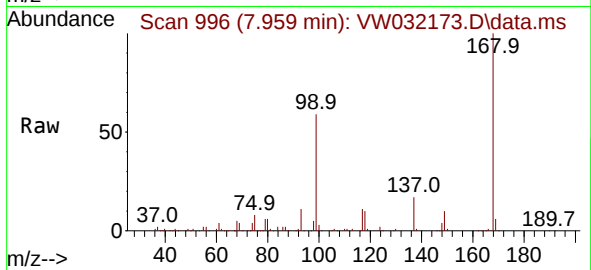




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032173.D
Acq: 15 Sep 2025 14:33

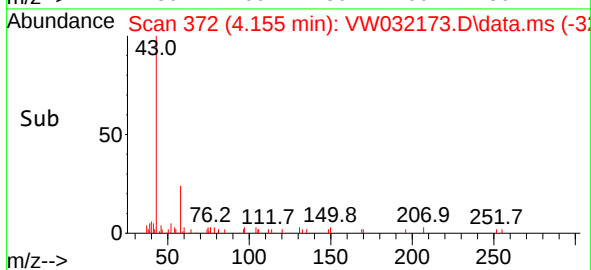
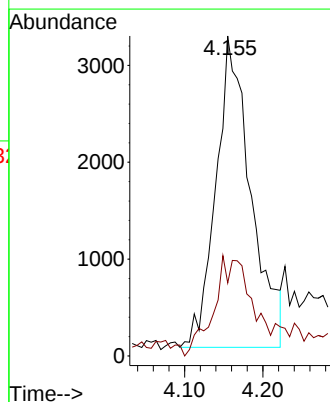
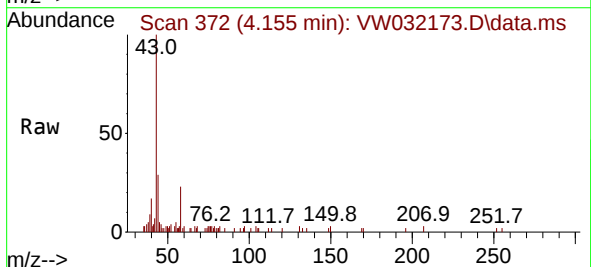
Instrument :
MSVOA_W
ClientSampleId :
12/9C-COMP

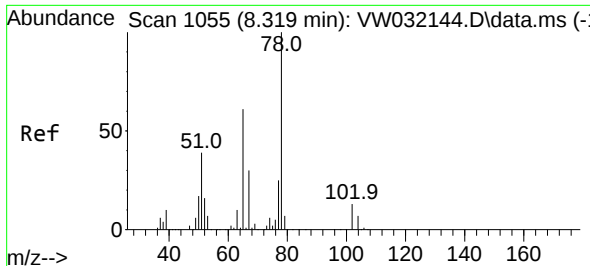
Tgt Ion:168 Resp: 165426
Ion Ratio Lower Upper
168 100
99 59.1 49.3 73.9



#16
Acetone
Concen: 19.388 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032173.D
Acq: 15 Sep 2025 14:33

Tgt Ion: 43 Resp: 9934
Ion Ratio Lower Upper
43 100
58 19.9 25.3 37.9

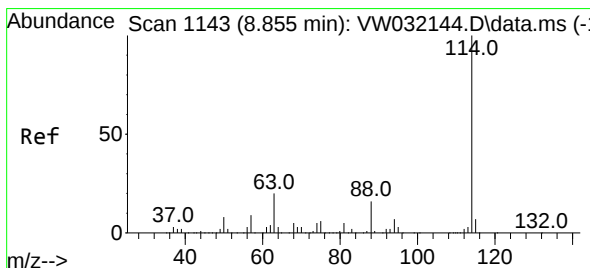
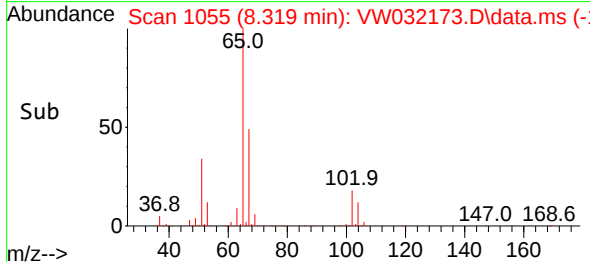
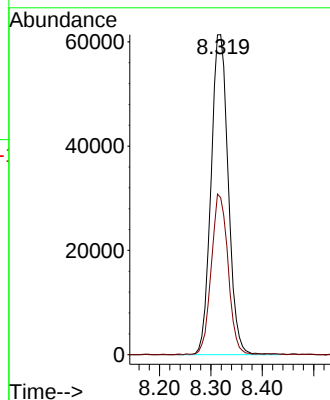
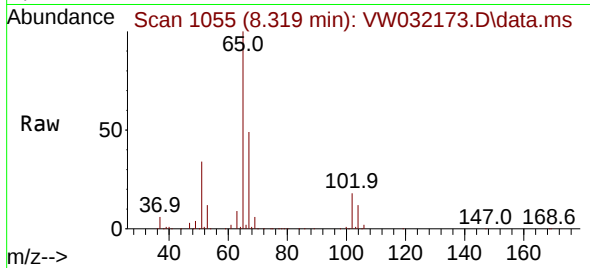




#33
 1,2-Dichloroethane-d4
 Concen: 60.226 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032173.D
 Acq: 15 Sep 2025 14:33

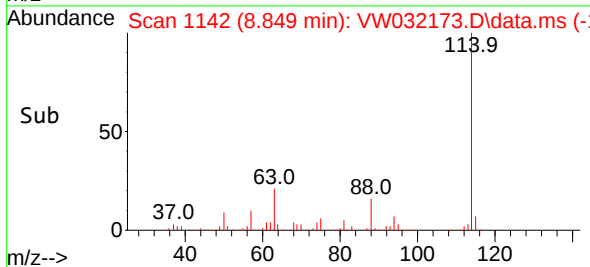
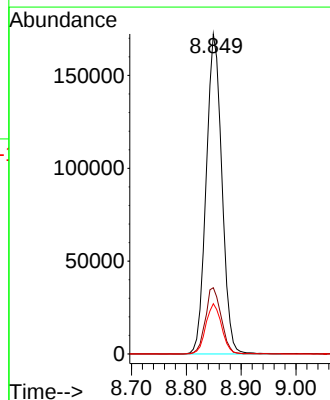
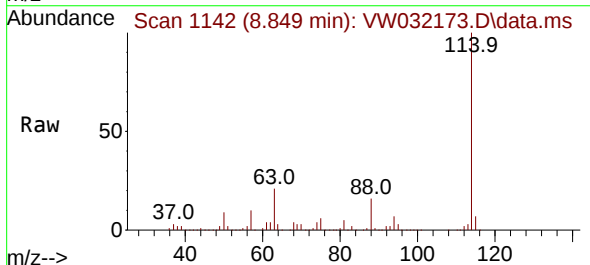
Instrument :
 MSVOA_W
 ClientSampleId :
 12/9C-COMP

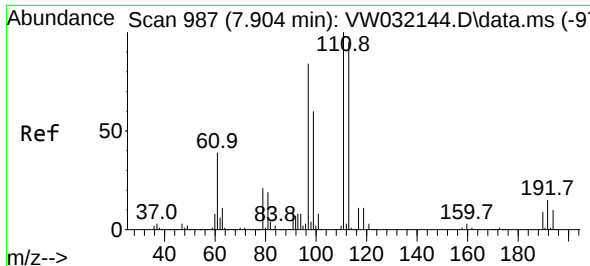
Tgt Ion: 65 Resp: 142484
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032173.D
 Acq: 15 Sep 2025 14:33

Tgt Ion: 114 Resp: 341352
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.4
 88 15.7 0.0 32.0

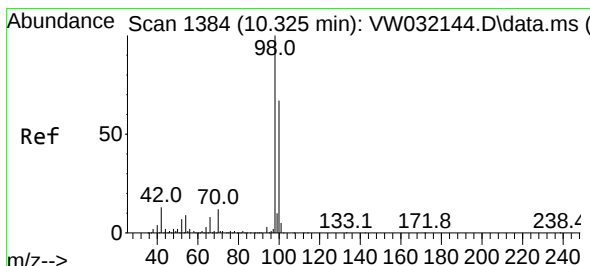
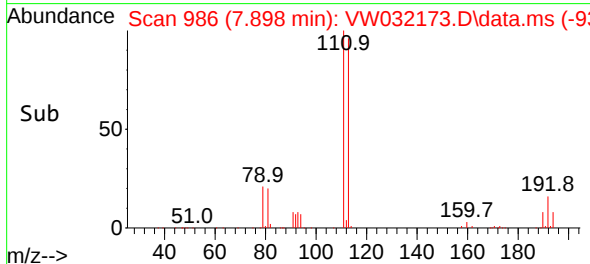
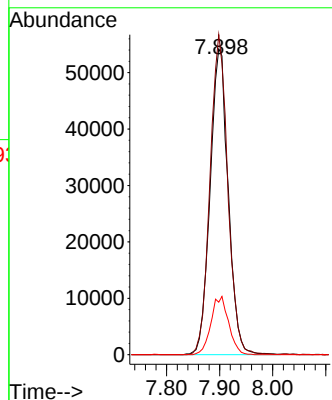
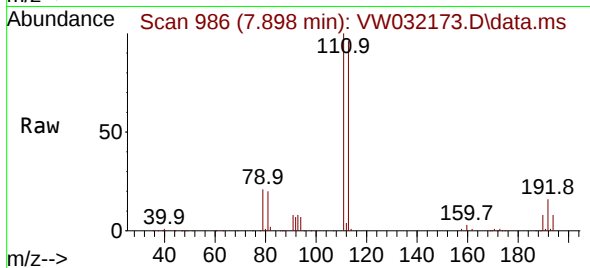




#35
 Dibromofluoromethane
 Concen: 53.637 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032173.D
 Acq: 15 Sep 2025 14:33

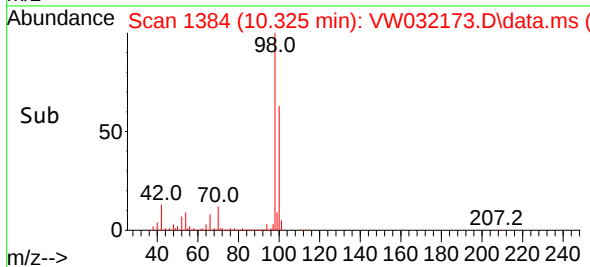
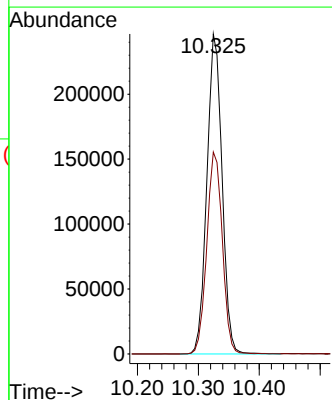
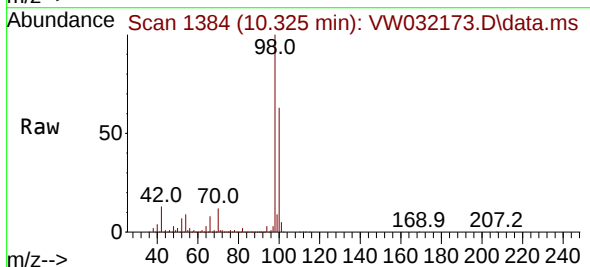
Instrument :
 MSVOA_W
 ClientSampleId :
 12/9C-COMP

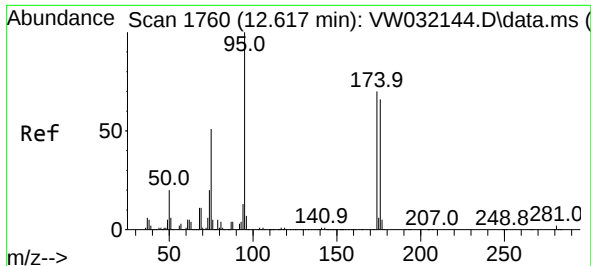
Tgt Ion:113 Resp: 128456
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.9 125.9
 192 18.6 14.6 21.8



#50
 Toluene-d8
 Concen: 50.673 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. -0.000 min
 Lab File: VW032173.D
 Acq: 15 Sep 2025 14:33

Tgt Ion: 98 Resp: 426025
 Ion Ratio Lower Upper
 98 100
 100 64.7 51.4 77.2

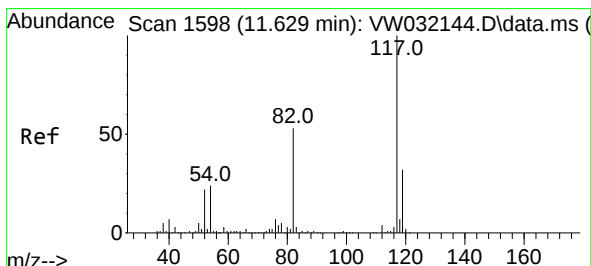
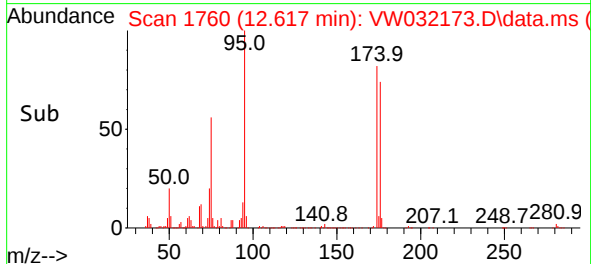
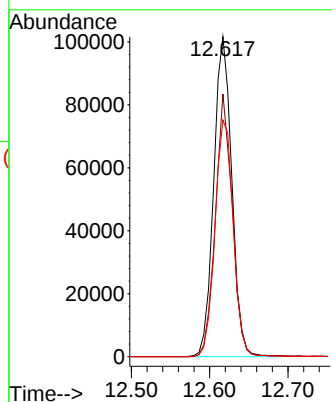
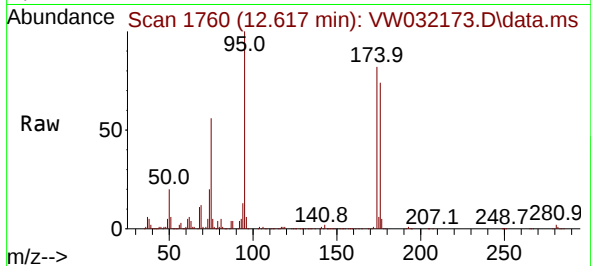




#62
4-Bromofluorobenzene
Concen: 52.414 ug/l
RT: 12.617 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032173.D
Acq: 15 Sep 2025 14:33

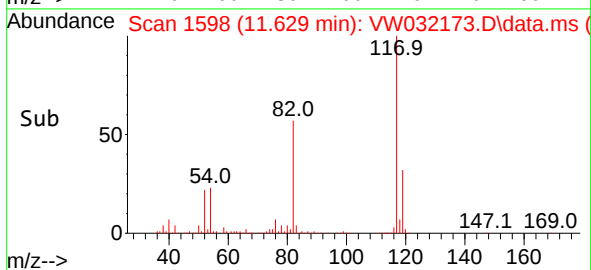
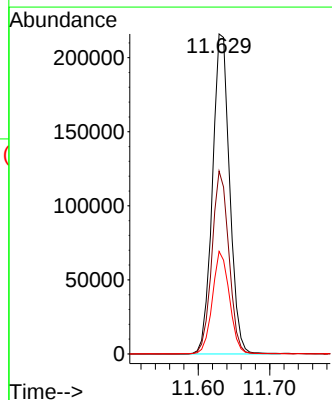
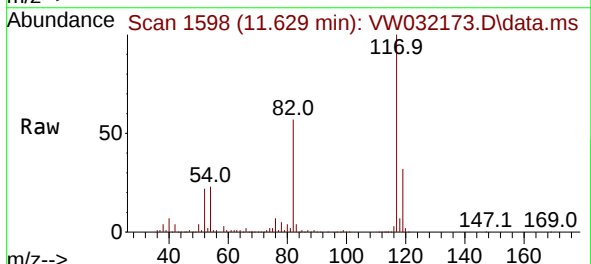
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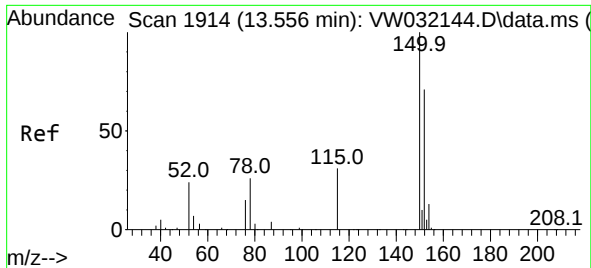
Tgt Ion: 95 Resp: 162947
Ion Ratio Lower Upper
95 100
174 77.2 0.0 145.6
176 74.8 0.0 140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VW032173.D
Acq: 15 Sep 2025 14:33

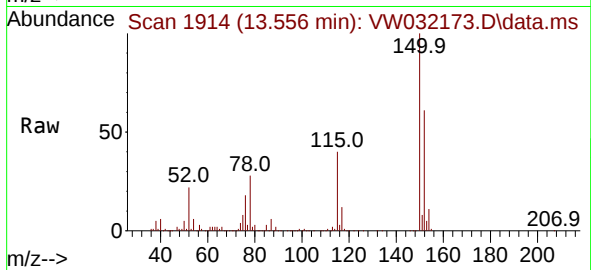
Tgt Ion: 117 Resp: 360000
Ion Ratio Lower Upper
117 100
82 57.2 42.7 64.1
119 31.9 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032173.D
 Acq: 15 Sep 2025 14:33

Instrument :
 MSVOA_W
 ClientSampleId :
 12/9C-COMP



Tgt Ion:	152	Resp:	182611
Ion Ratio	Lower	Upper	
152	100		
115	63.6	31.8	95.4
150	159.4	0.0	343.0

