

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080725\
 Data File : VW032044.D
 Acq On : 07 Aug 2025 14:48
 Operator : SY/MD
 Sample : Q2795-03
 Misc : 5.56g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 COMP-3

Quant Time: Aug 08 04:10:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

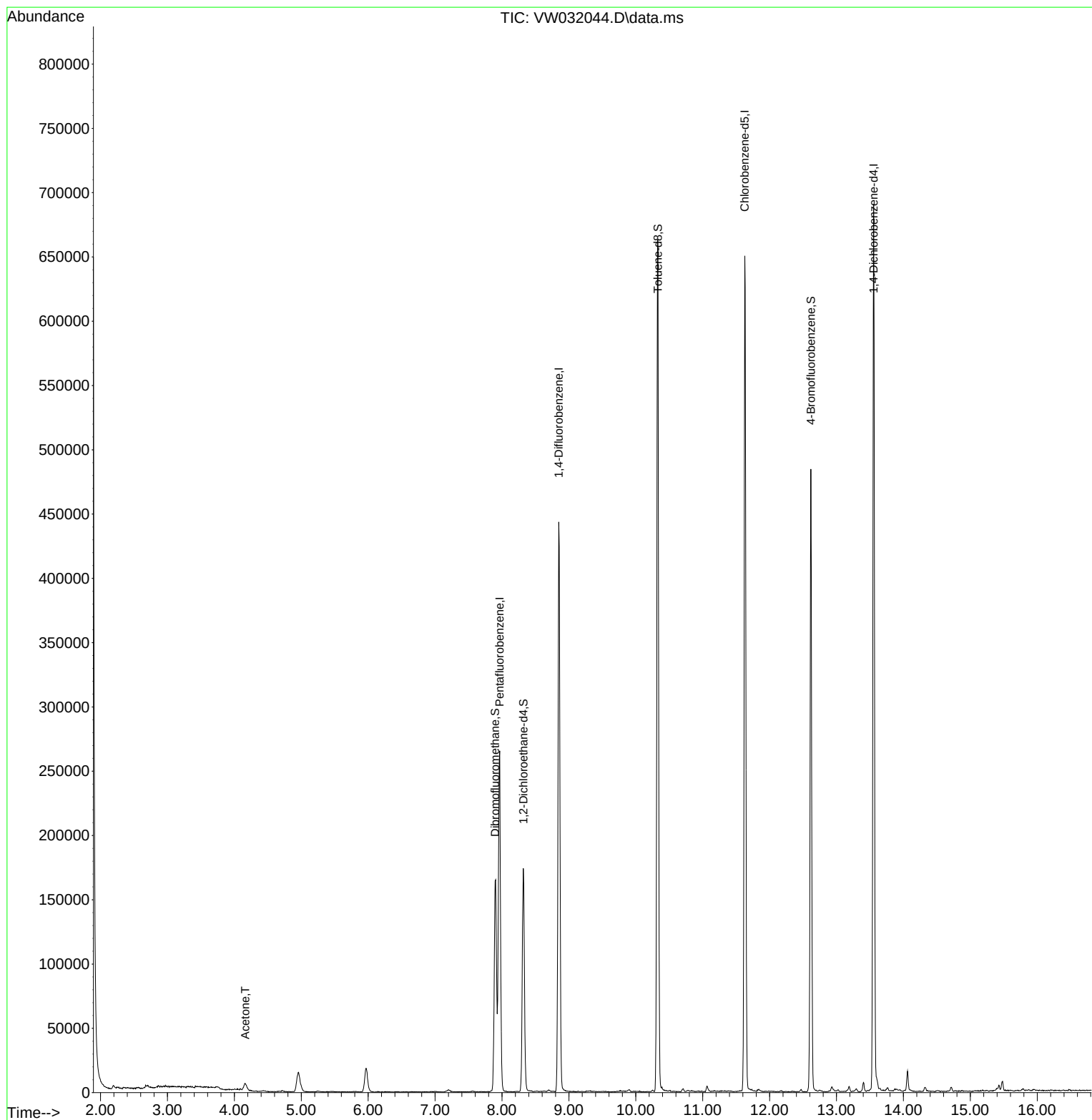
Internal Standards						
1) Pentafluorobenzene	7.965	168	179400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	378554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	363624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	171933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	144710	53.322	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 106.640%		
35) Dibromofluoromethane	7.898	113	124718	48.485	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 96.960%		
50) Toluene-d8	10.331	98	451829	46.411	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 92.820%		
62) 4-Bromofluorobenzene	12.617	95	174028	46.554	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 93.100%		
Target Compounds						
16) Acetone	4.161	43	9494	14.743	ug/l	Qvalue 92

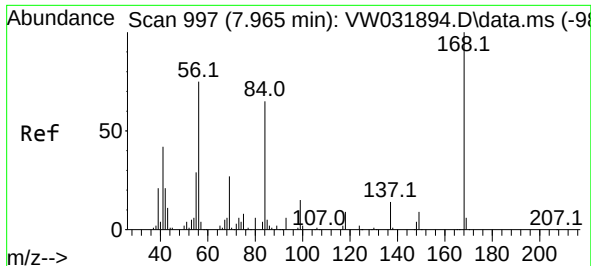
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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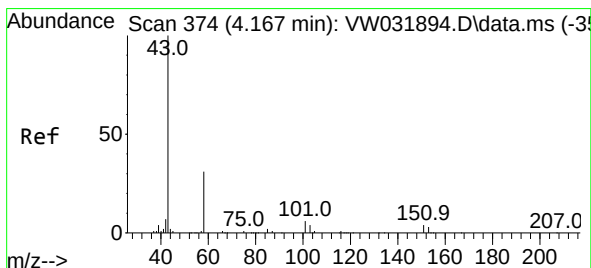
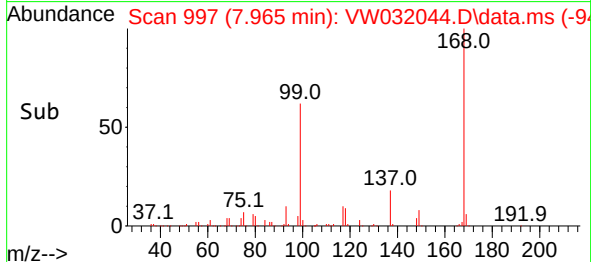
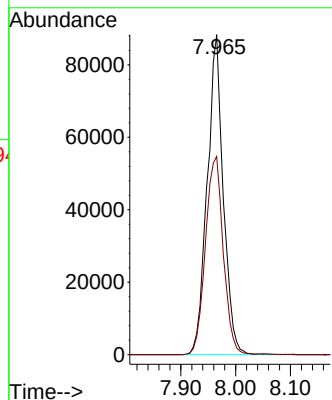
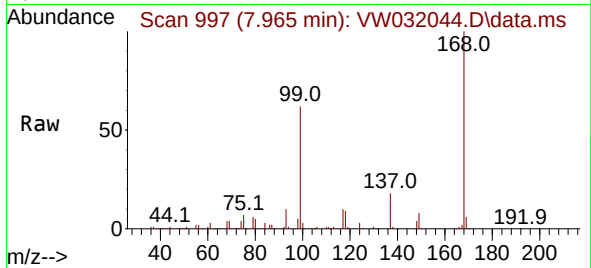




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032044.D
Acq: 07 Aug 2025 14:48

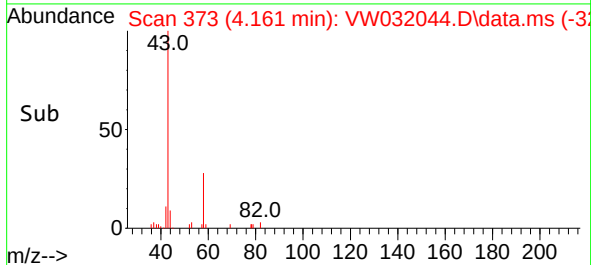
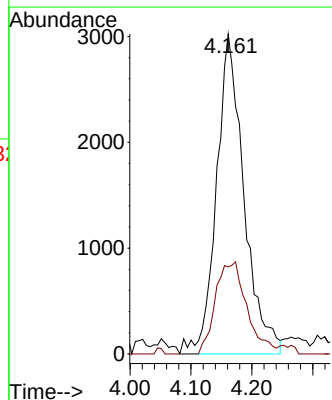
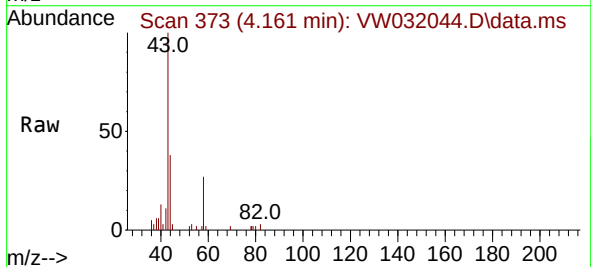
Instrument :
MSVOA_W
ClientSampleId :
COMP-3

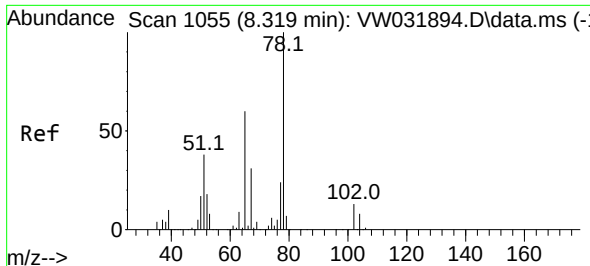
Tgt Ion:168 Resp: 179400
Ion Ratio Lower Upper
168 100
99 62.0 48.2 72.2



#16
Acetone
Concen: 14.743 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.006 min
Lab File: VW032044.D
Acq: 07 Aug 2025 14:48

Tgt Ion: 43 Resp: 9494
Ion Ratio Lower Upper
43 100
58 27.2 25.5 38.3

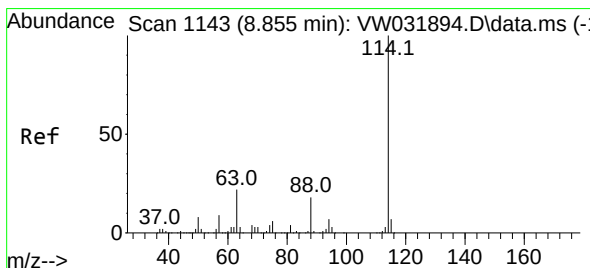
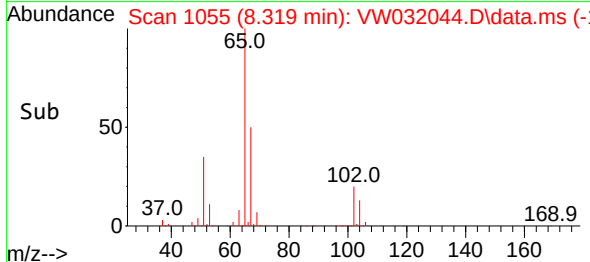
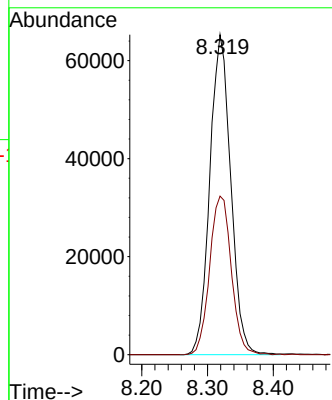
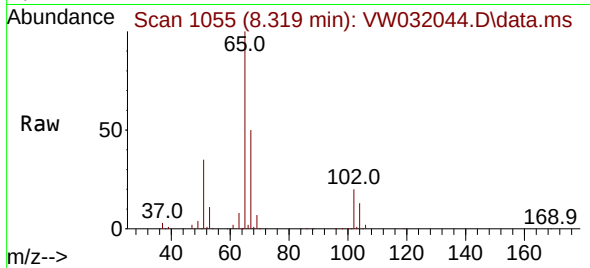




#33
 1,2-Dichloroethane-d4
 Concen: 53.322 ug/l
 RT: 8.319 min Scan# 1105
 Delta R.T. 0.000 min
 Lab File: VW032044.D
 Acq: 07 Aug 2025 14:48

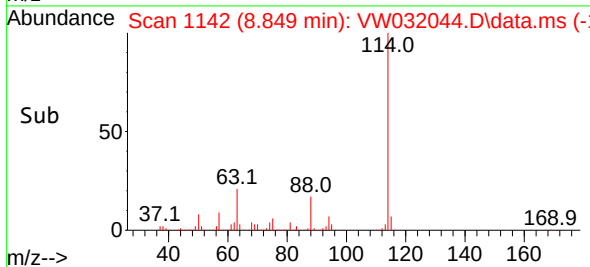
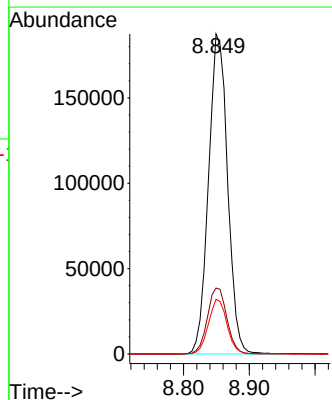
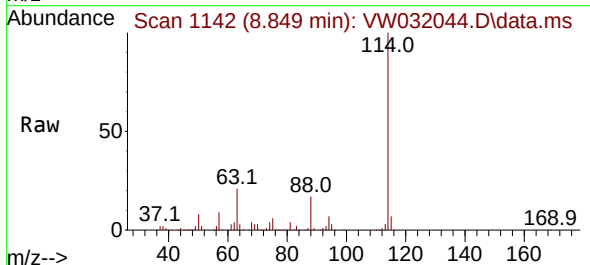
Instrument :
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 ClientSampleId :
 COMP-3

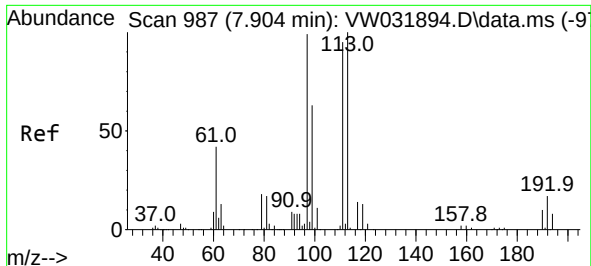
Tgt Ion: 65 Resp: 144710
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032044.D
 Acq: 07 Aug 2025 14:48

Tgt Ion: 114 Resp: 378554
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 44.2
 88 17.1 0.0 35.6

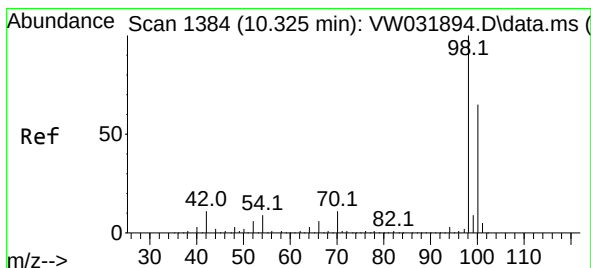
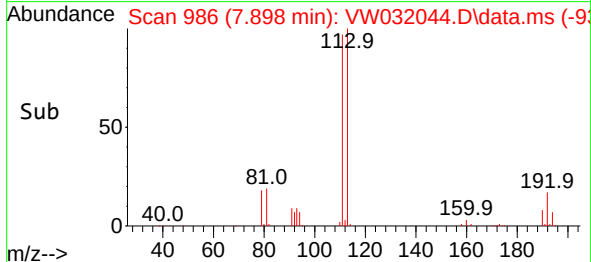
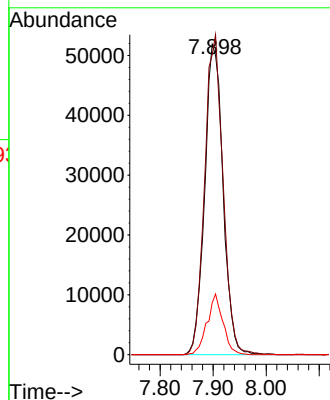
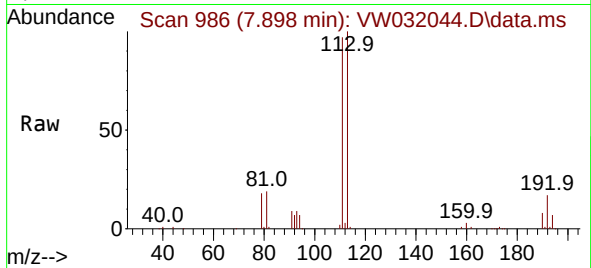




#35
Dibromofluoromethane
Concen: 48.485 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032044.D
Acq: 07 Aug 2025 14:48

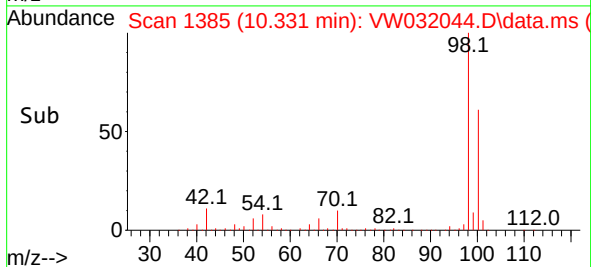
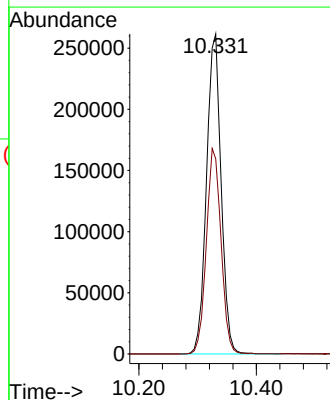
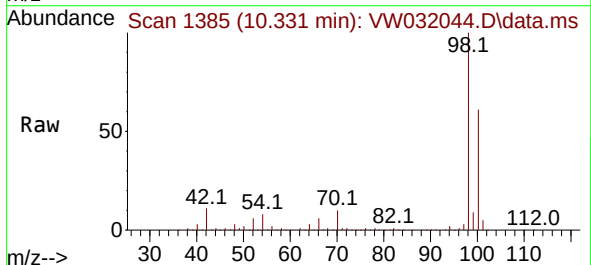
Instrument :
MSVOA_W
ClientSampleId :
COMP-3

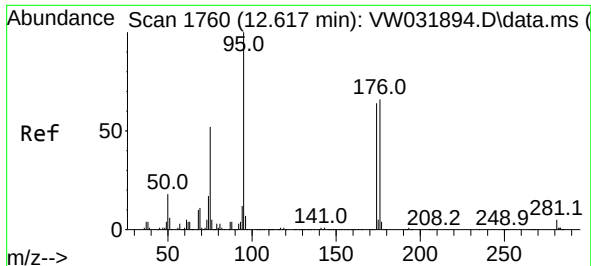
Tgt Ion:113 Resp: 124718
Ion Ratio Lower Upper
113 100
111 102.9 79.9 119.9
192 17.0 12.6 19.0



#50
Toluene-d8
Concen: 46.411 ug/l
RT: 10.331 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW032044.D
Acq: 07 Aug 2025 14:48

Tgt Ion: 98 Resp: 451829
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5

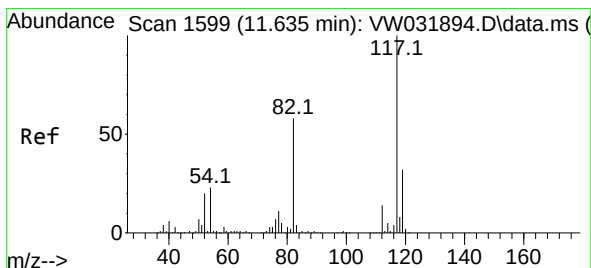
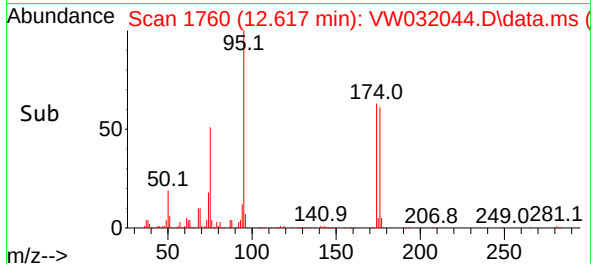
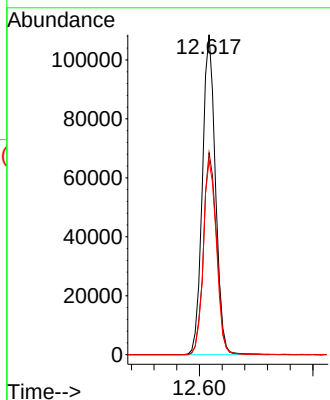
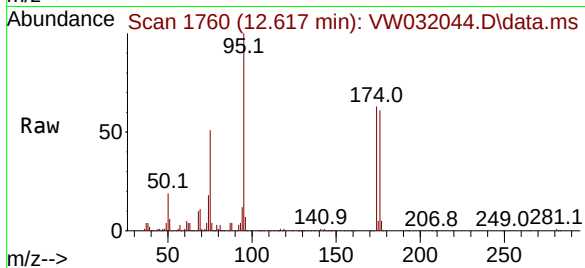




#62
4-Bromofluorobenzene
Concen: 46.554 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032044.D
Acq: 07 Aug 2025 14:48

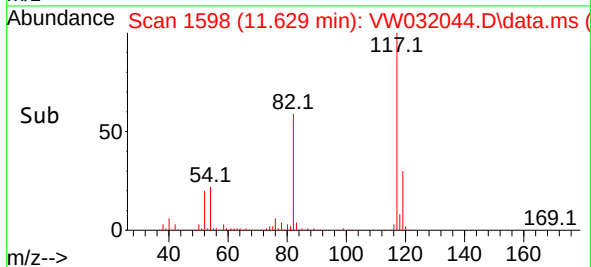
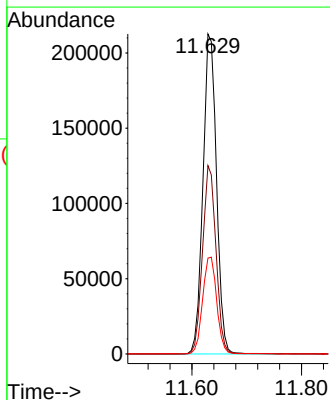
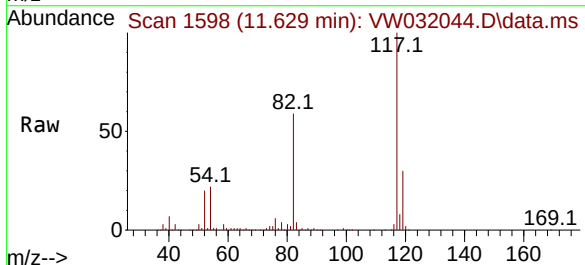
Instrument :
MSVOA_W
ClientSampleId :
COMP-3

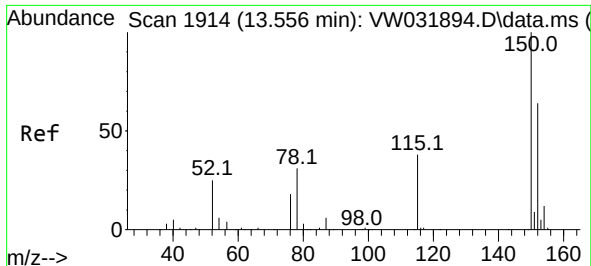
Tgt Ion: 95 Resp: 174028
Ion Ratio Lower Upper
95 100
174 63.8 0.0 129.8
176 60.9 0.0 130.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW032044.D
Acq: 07 Aug 2025 14:48

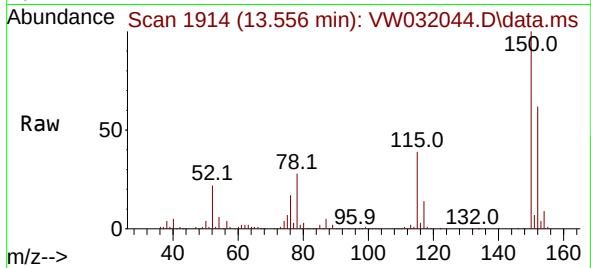
Tgt Ion: 117 Resp: 363624
Ion Ratio Lower Upper
117 100
82 58.9 46.5 69.7
119 29.9 25.8 38.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032044.D
Acq: 07 Aug 2025 14:48

Instrument :
MSVOA_W
ClientSampleId :
COMP-3



Tgt Ion:152 Resp: 171933
Ion Ratio Lower Upper
152 100
115 66.5 33.4 100.1
150 164.5 0.0 352.2

