

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072825\
 Data File : VW031943.D
 Acq On : 28 Jul 2025 14:17
 Operator : SY/MD
 Sample : Q2706-01
 Misc : 3.81g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RT-5417

Quant Time: Jul 29 01:20:18 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)

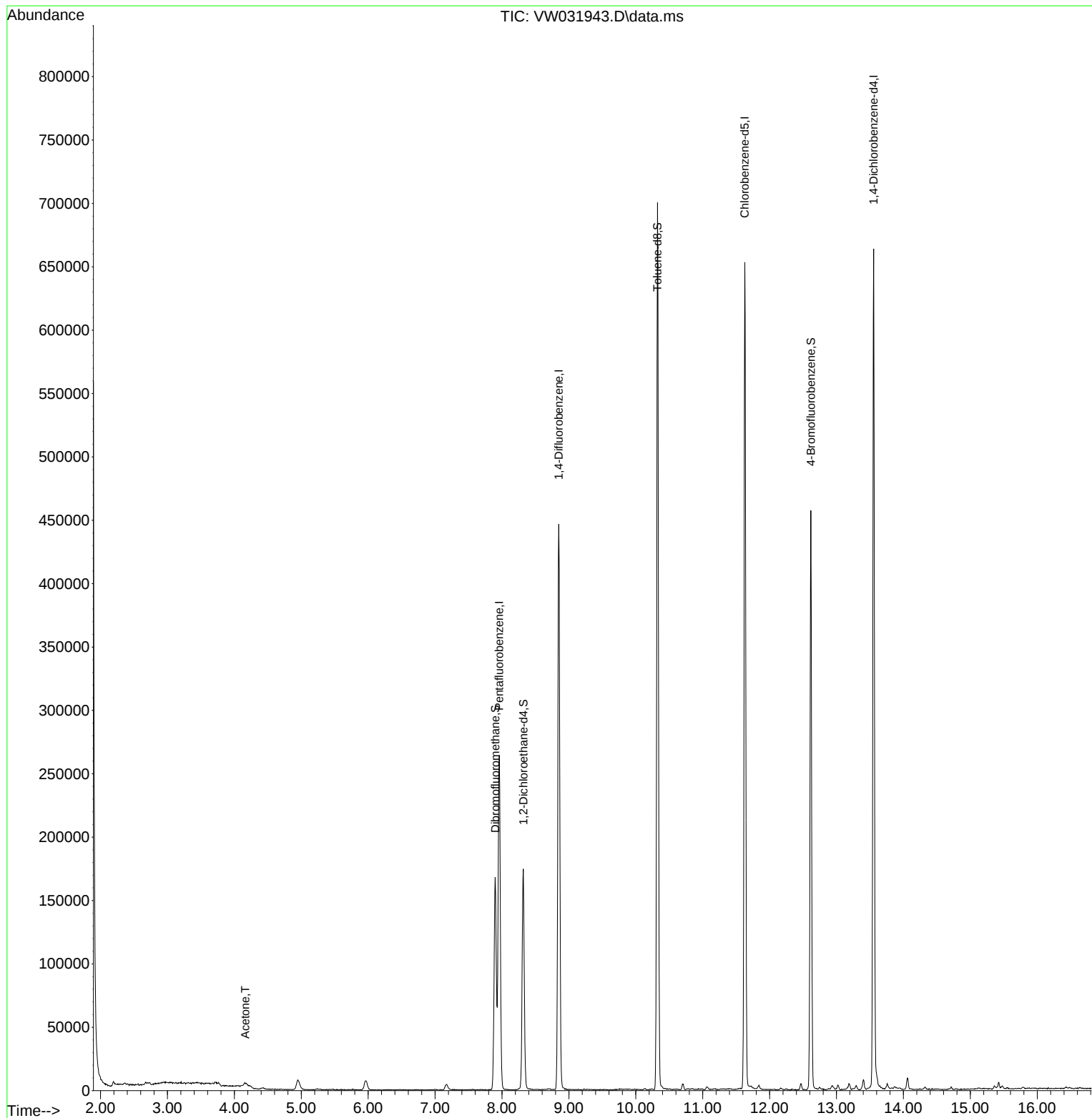
Internal Standards							
1) Pentafluorobenzene		7.959	168	180350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		8.849	114	382354	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.629	117	354416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.556	152	162661	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.319	65	142163	52.108	ug/l	0.00
Spiked Amount 50.000		Range 63 - 155		Recovery = 104.220%			
35) Dibromofluoromethane		7.898	113	122308	47.075	ug/l	0.00
Spiked Amount 50.000		Range 70 - 134		Recovery = 94.160%			
50) Toluene-d8		10.325	98	464161	47.204	ug/l	0.00
Spiked Amount 50.000		Range 74 - 123		Recovery = 94.400%			
62) 4-Bromofluorobenzene		12.617	95	163999	43.435	ug/l	0.00
Spiked Amount 50.000		Range 17 - 146		Recovery = 86.860%			
Target Compounds							
16) Acetone		4.161	43	6199	9.575	ug/l	Qvalue 98

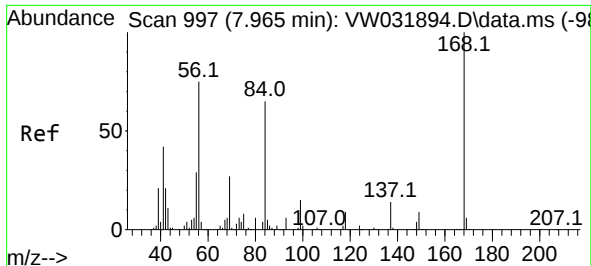
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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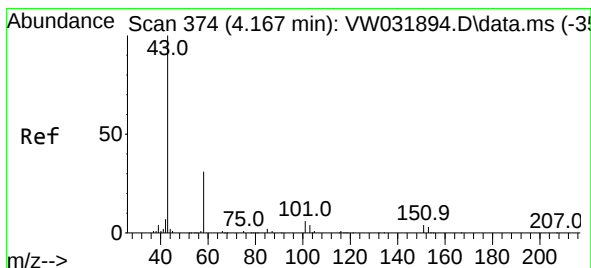
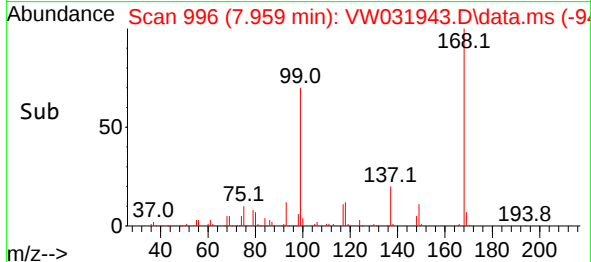
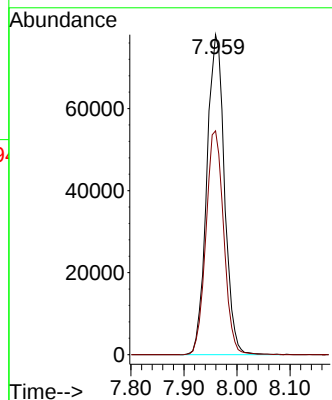
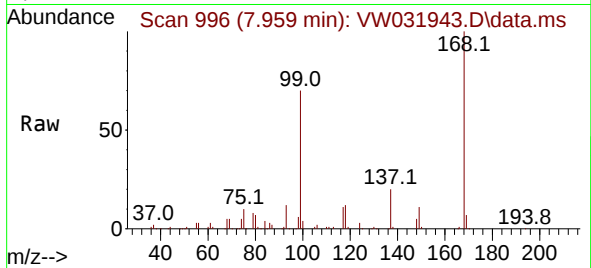




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW031943.D
Acq: 28 Jul 2025 14:17

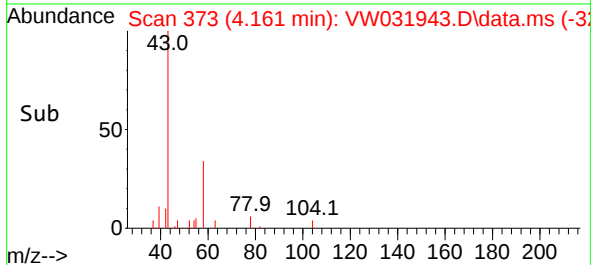
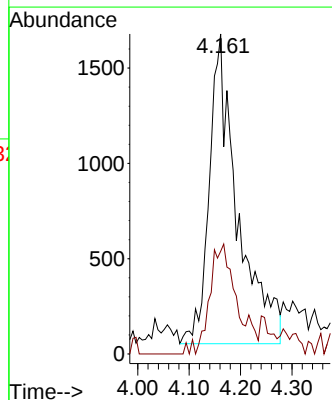
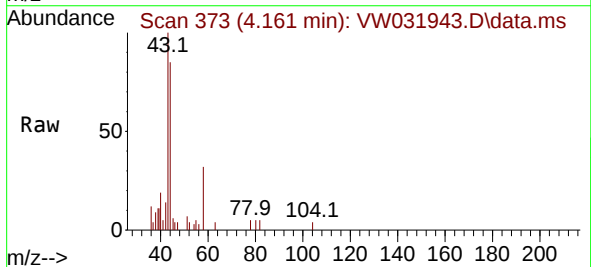
Instrument :
MSVOA_W
ClientSampleId :
RT-5417

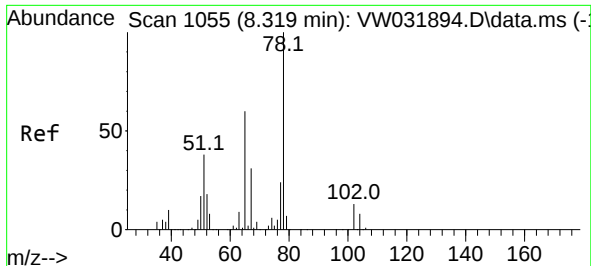
Tgt Ion:168 Resp: 180350
Ion Ratio Lower Upper
168 100
99 69.9 48.2 72.2



#16
Acetone
Concen: 9.575 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.006 min
Lab File: VW031943.D
Acq: 28 Jul 2025 14:17

Tgt Ion: 43 Resp: 6199
Ion Ratio Lower Upper
43 100
58 33.2 25.5 38.3

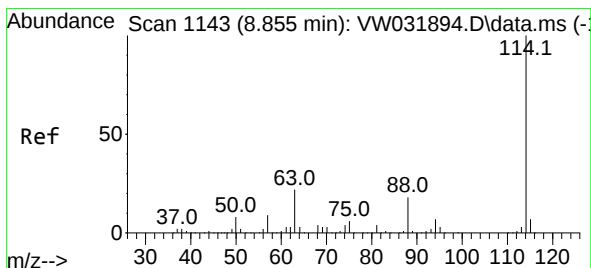
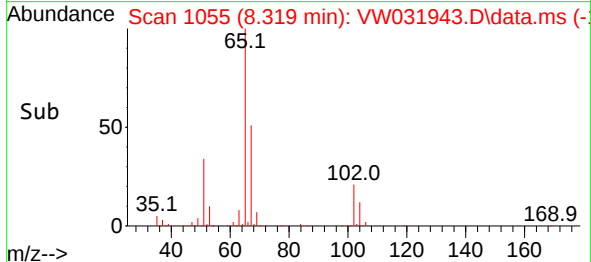
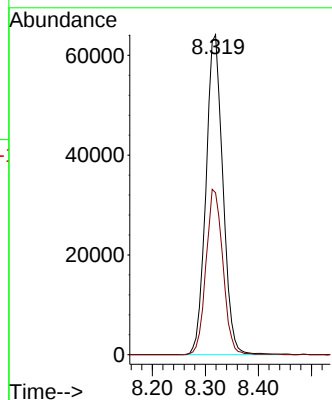
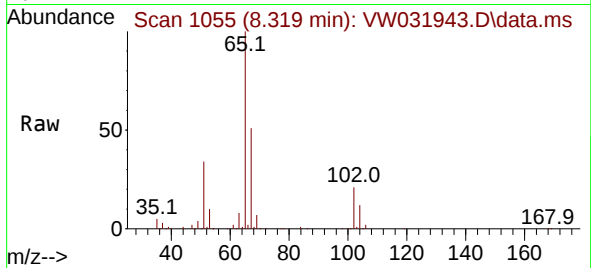




#33
 1,2-Dichloroethane-d4
 Concen: 52.108 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031943.D
 Acq: 28 Jul 2025 14:17

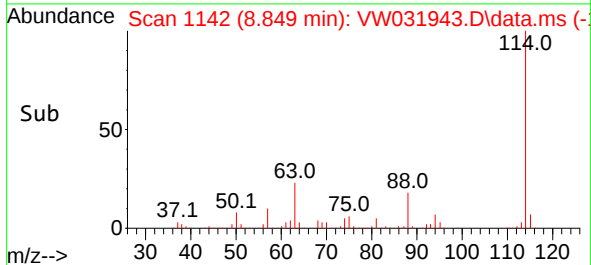
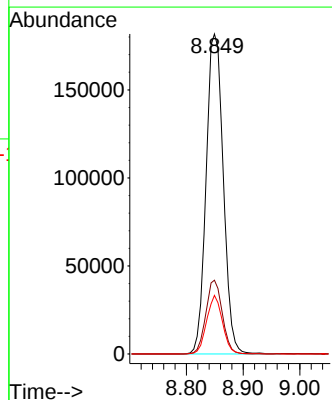
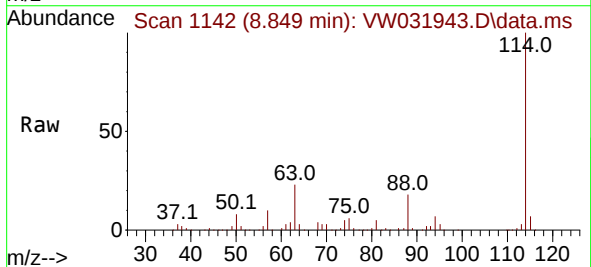
Instrument :
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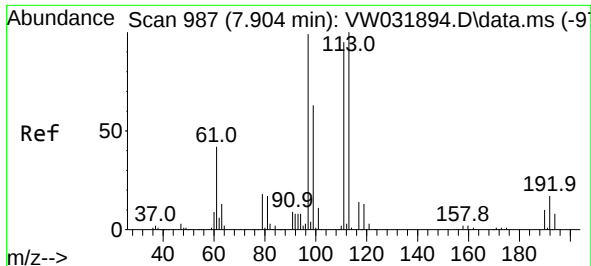
Tgt Ion: 65 Resp: 142163
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW031943.D
 Acq: 28 Jul 2025 14:17

Tgt Ion: 114 Resp: 382354
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 44.2
 88 18.3 0.0 35.6





#35

Dibromofluoromethane

Concen: 47.075 ug/l

RT: 7.898 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW031943.D

Acq: 28 Jul 2025 14:17

Instrument :

MSVOA_W

ClientSampleId :

RT-5417

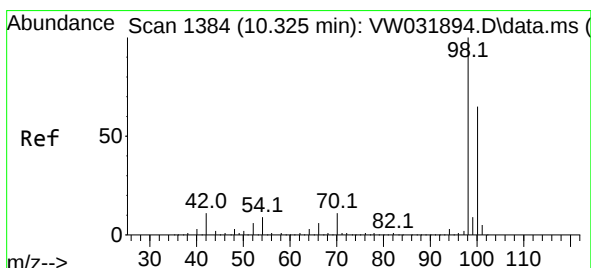
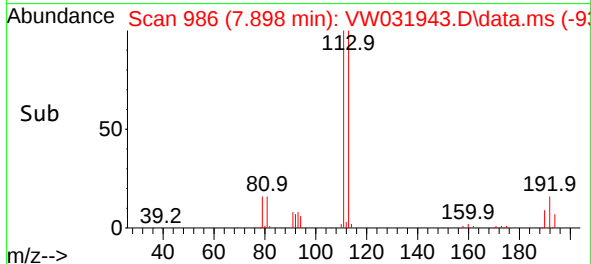
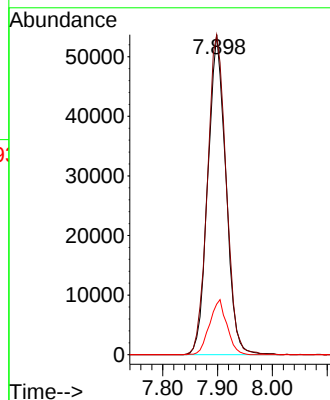
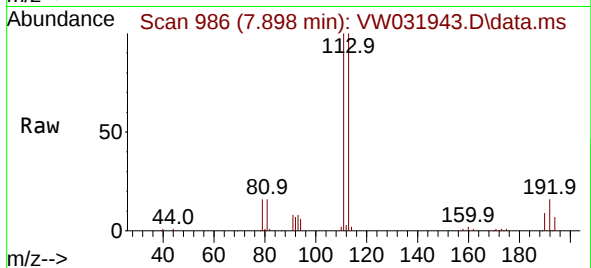
Tgt Ion:113 Resp: 122308

Ion Ratio Lower Upper

113 100

111 104.0 79.9 119.9

192 16.6 12.6 19.0



#50

Toluene-d8

Concen: 47.204 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031943.D

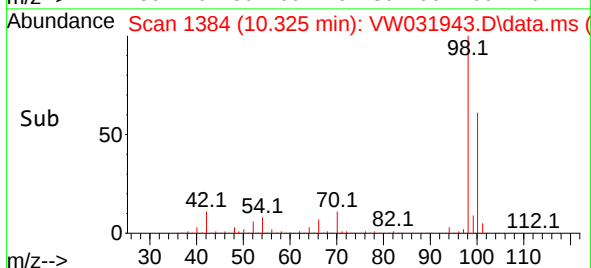
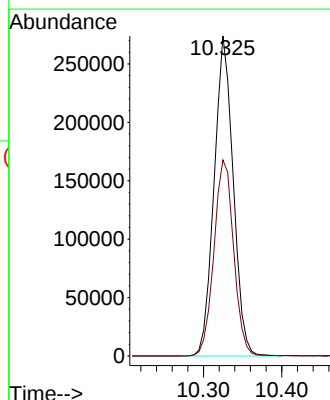
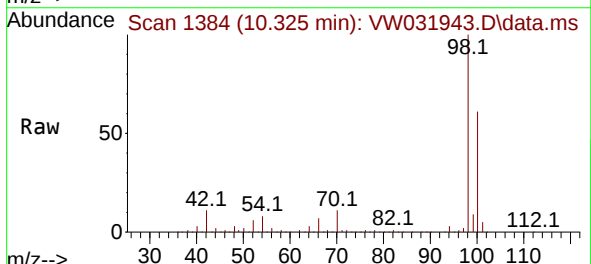
Acq: 28 Jul 2025 14:17

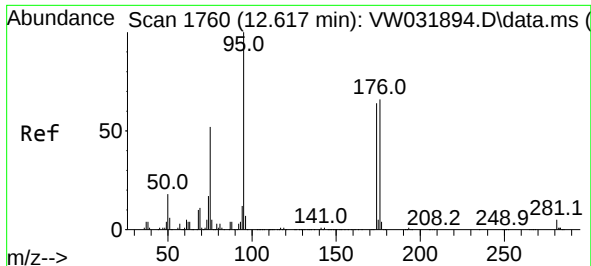
Tgt Ion: 98 Resp: 464161

Ion Ratio Lower Upper

98 100

100 63.3 51.7 77.5

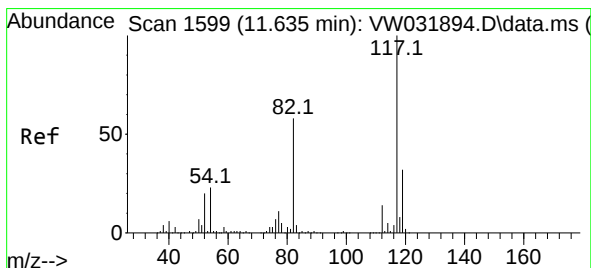
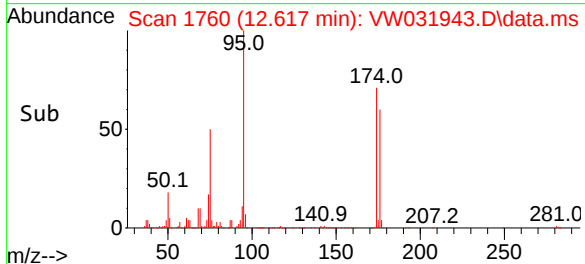
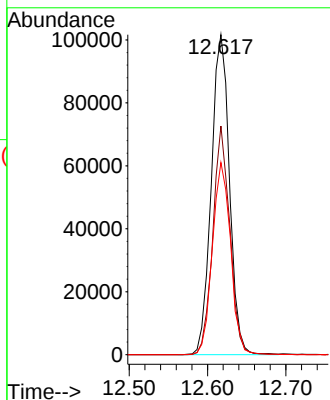
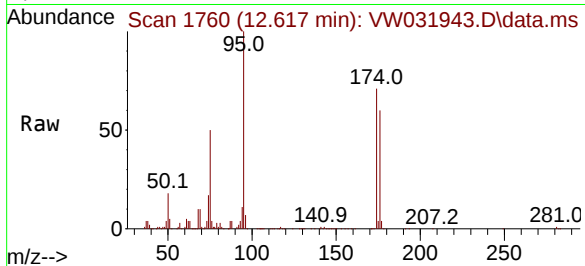




#62
4-Bromofluorobenzene
Concen: 43.435 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031943.D
Acq: 28 Jul 2025 14:17

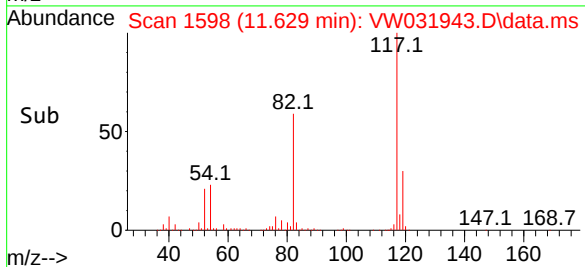
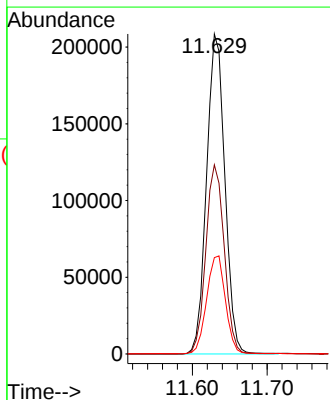
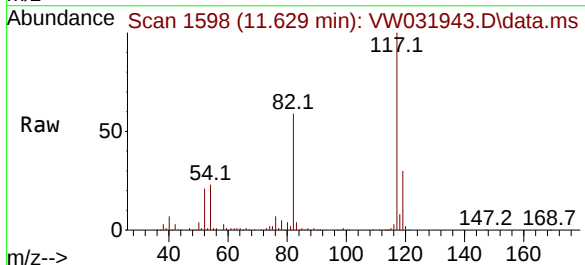
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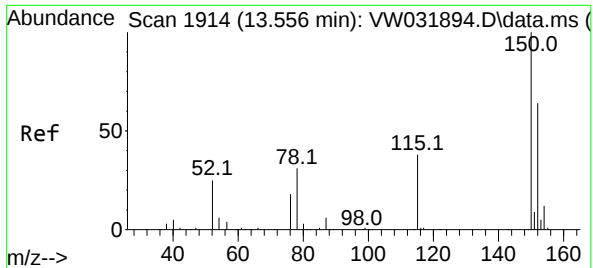
Tgt Ion: 95 Resp: 163999
Ion Ratio Lower Upper
95 100
174 66.7 0.0 129.8
176 60.2 0.0 130.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW031943.D
Acq: 28 Jul 2025 14:17

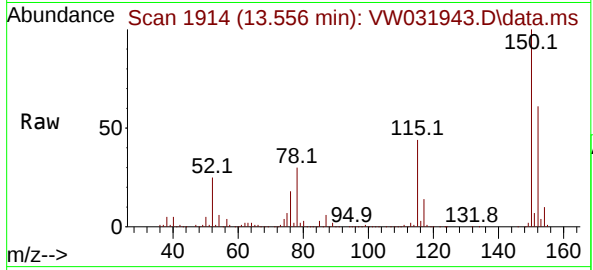
Tgt Ion: 117 Resp: 354416
Ion Ratio Lower Upper
117 100
82 59.1 46.5 69.7
119 30.0 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW031943.D
 Acq: 28 Jul 2025 14:17

Instrument :
 MSVOA_W
 ClientSampleId :
 RT-5417



Tgt Ion:152 Resp: 162661

Ion	Ratio	Lower	Upper
152	100		
115	67.4	33.4	100.1
150	160.0	0.0	352.2

