

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080725\
 Data File : VW032040.D
 Acq On : 07 Aug 2025 13:20
 Operator : SY/MD
 Sample : Q2784-01
 Misc : 5.07g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-080625

Quant Time: Aug 08 04:08:32 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)

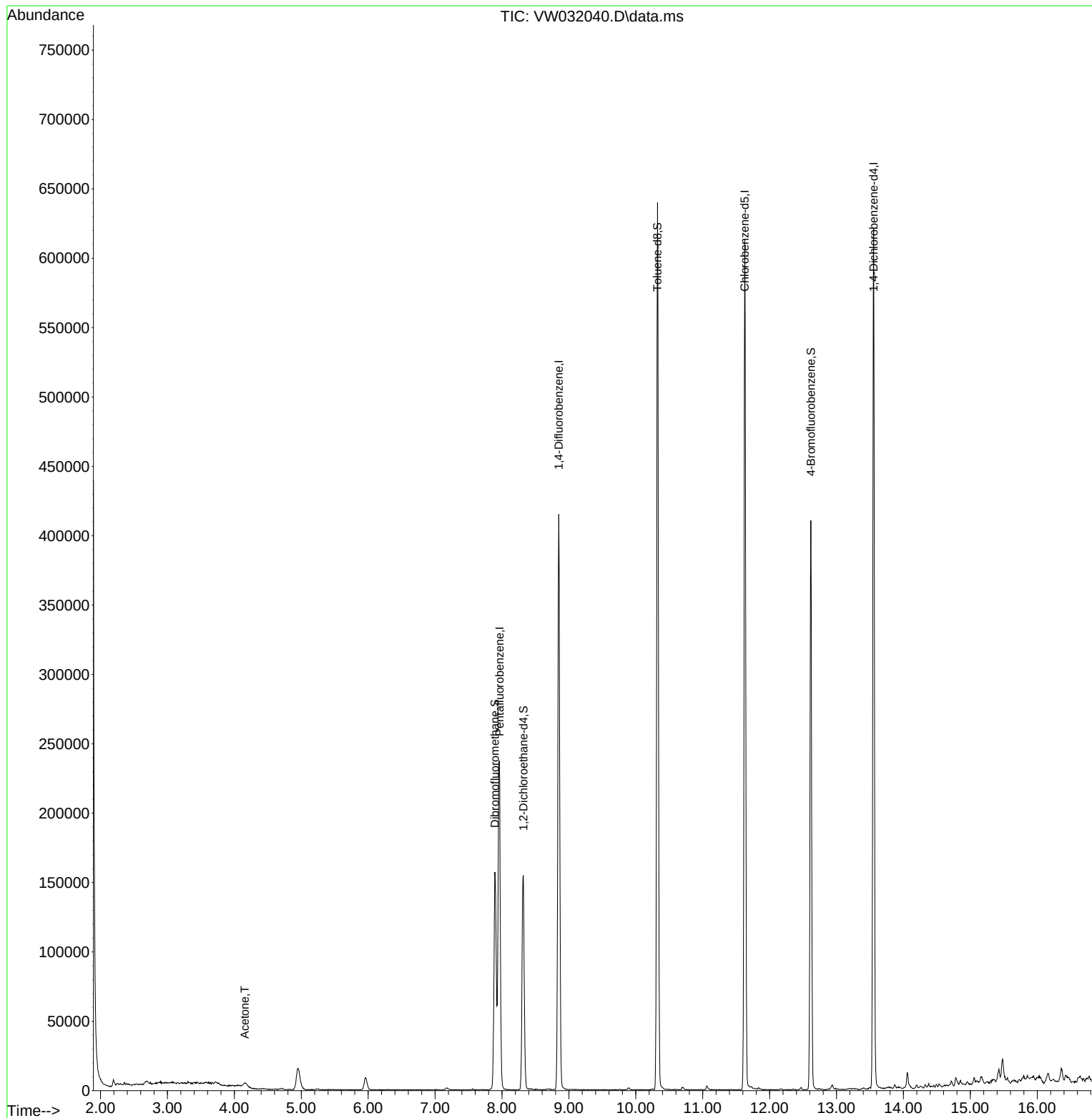
Internal Standards						
1) Pentafluorobenzene	7.965	168	165542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	347837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	333273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	159816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	131606	52.553	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	105.100%	
35) Dibromofluoromethane	7.892	113	117663	49.781	ug/l	-0.01
Spiked Amount	50.000	Range 70 - 134	Recovery	=	99.560%	
50) Toluene-d8	10.325	98	425123	47.524	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	95.040%	
62) 4-Bromofluorobenzene	12.617	95	147076	42.818	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	85.640%	
Target Compounds						Qvalue
16) Acetone	4.155	43	4038	6.795	ug/l	# 81

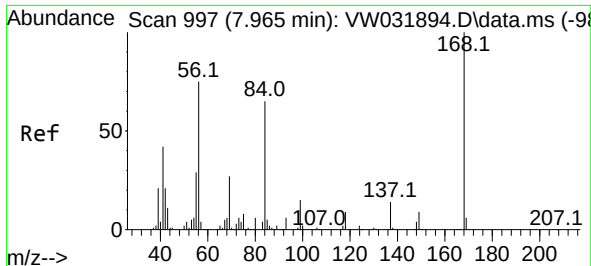
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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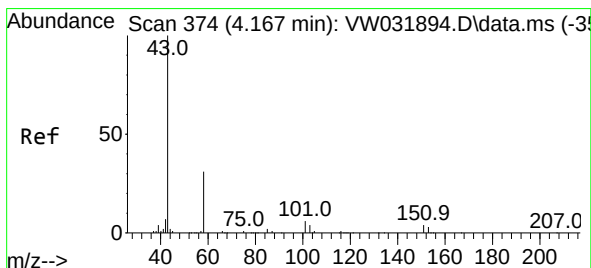
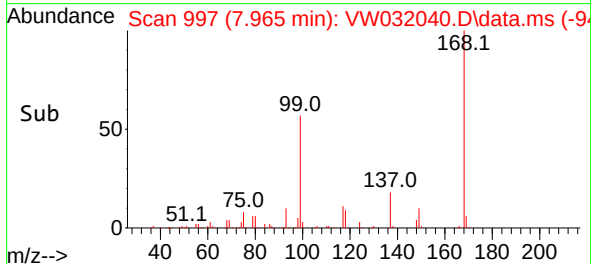
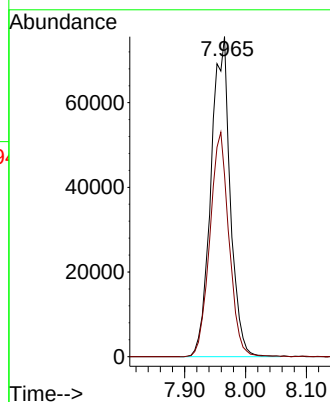
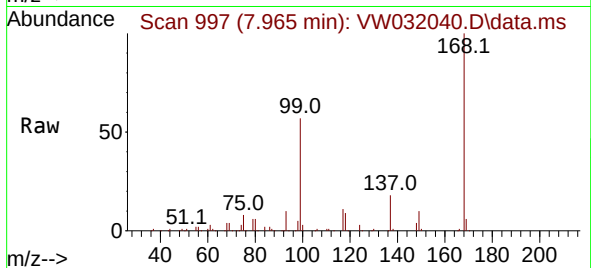




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW032040.D
Acq: 07 Aug 2025 13:20

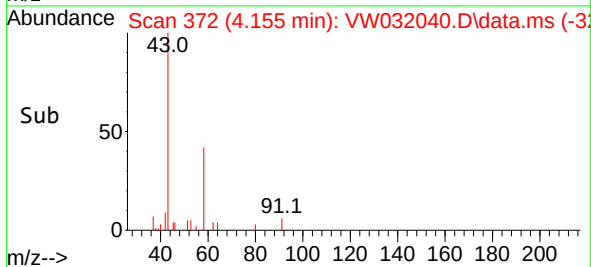
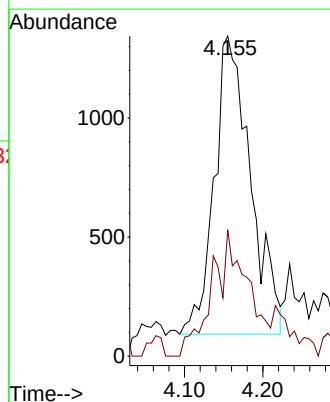
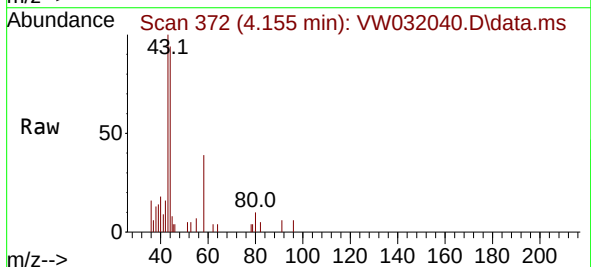
Instrument :
MSVOA_W
ClientSampleId :
EO-01-080625

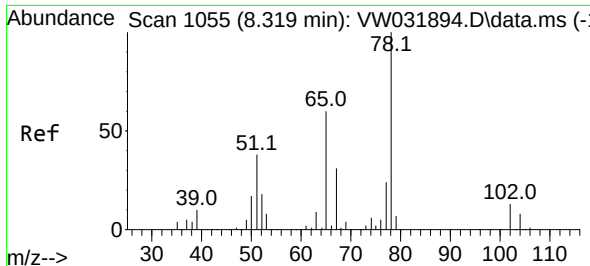
Tgt Ion:168 Resp: 165542
Ion Ratio Lower Upper
168 100
99 56.8 48.2 72.2



#16
Acetone
Concen: 6.795 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.012 min
Lab File: VW032040.D
Acq: 07 Aug 2025 13:20

Tgt Ion: 43 Resp: 4038
Ion Ratio Lower Upper
43 100
58 42.4 25.5 38.3#

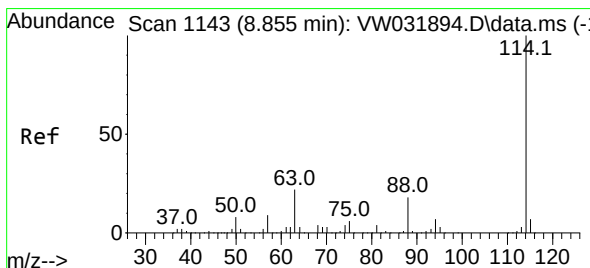
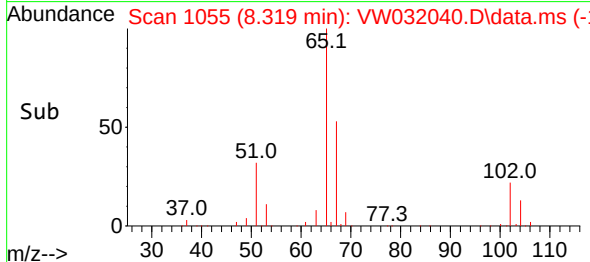
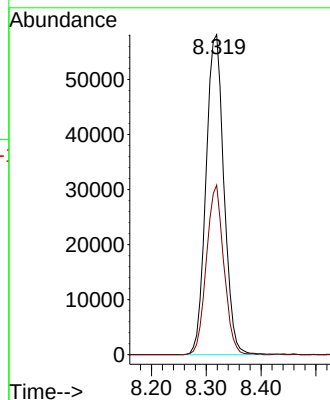
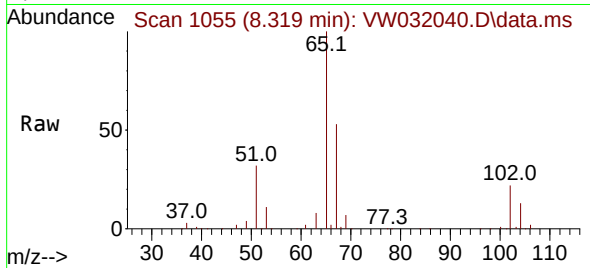




#33
 1,2-Dichloroethane-d4
 Concen: 52.553 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032040.D
 Acq: 07 Aug 2025 13:20

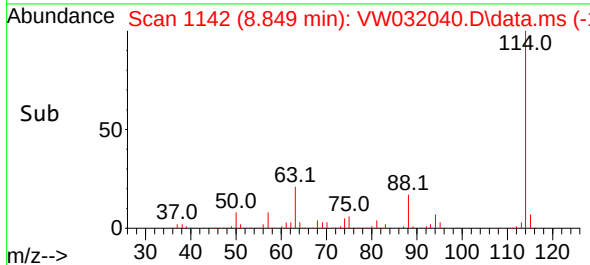
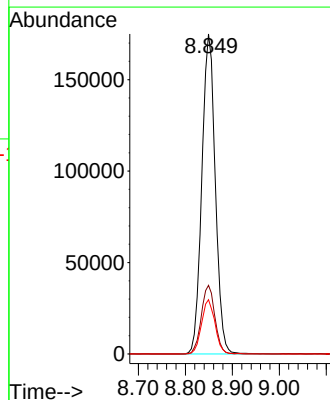
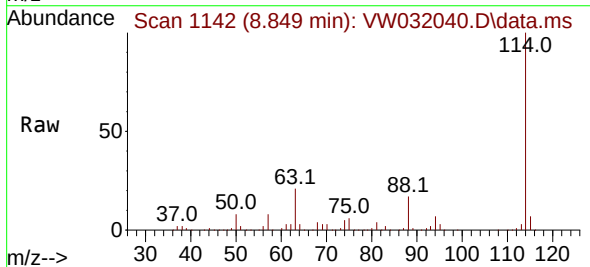
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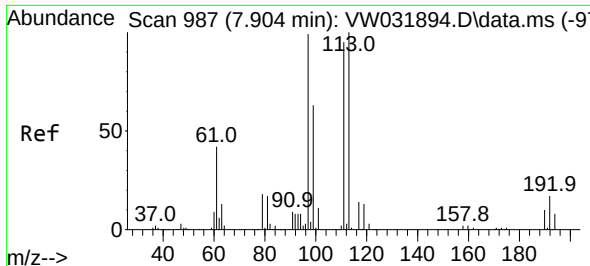
Tgt Ion: 65 Resp: 131606
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032040.D
 Acq: 07 Aug 2025 13:20

Tgt Ion: 114 Resp: 347837
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 44.2
 88 16.9 0.0 35.6

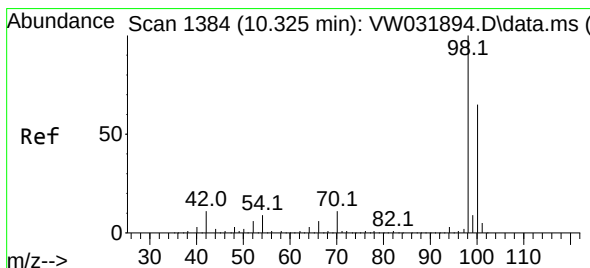
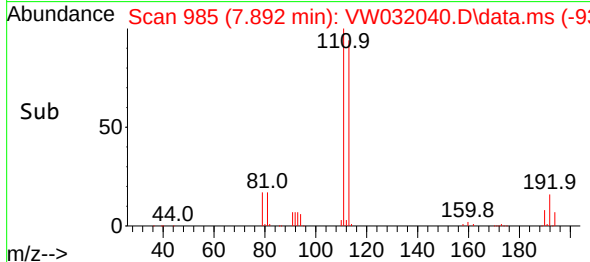
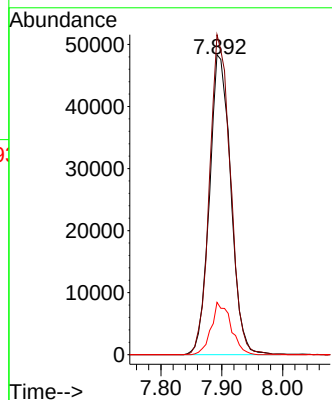
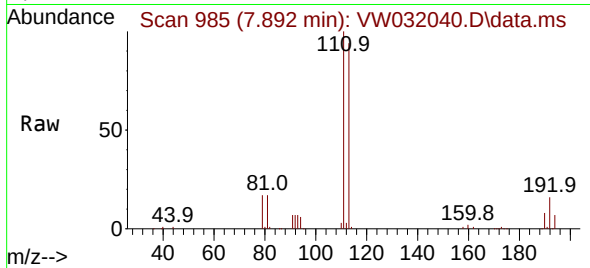




#35
 Dibromofluoromethane
 Concen: 49.781 ug/l
 RT: 7.892 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: VW032040.D
 Acq: 07 Aug 2025 13:20

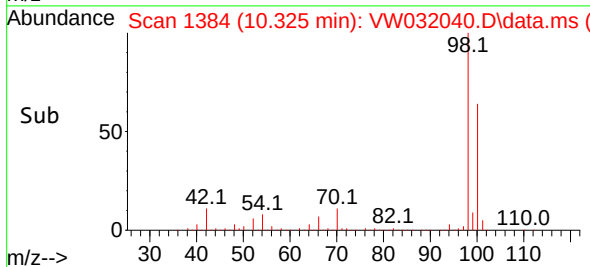
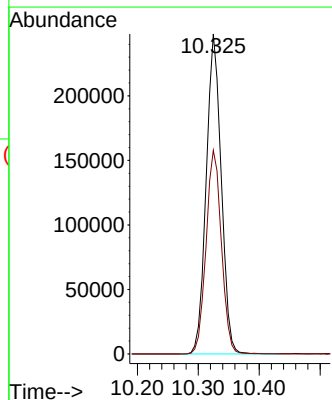
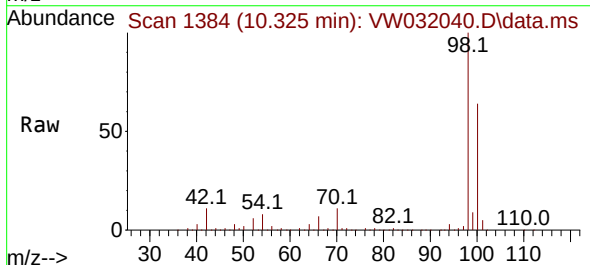
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 EO-01-080625

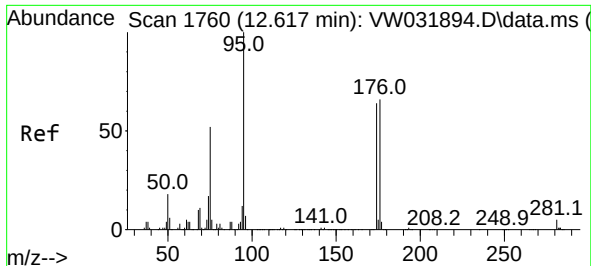
Tgt Ion: 113 Resp: 117663
 Ion Ratio Lower Upper
 113 100
 111 104.4 79.9 119.9
 192 16.1 12.6 19.0



#50
 Toluene-d8
 Concen: 47.524 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. 0.000 min
 Lab File: VW032040.D
 Acq: 07 Aug 2025 13:20

Tgt Ion: 98 Resp: 425123
 Ion Ratio Lower Upper
 98 100
 100 64.9 51.7 77.5

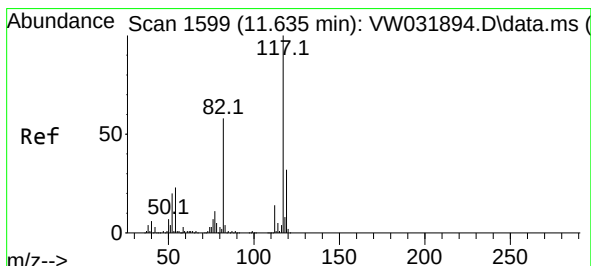
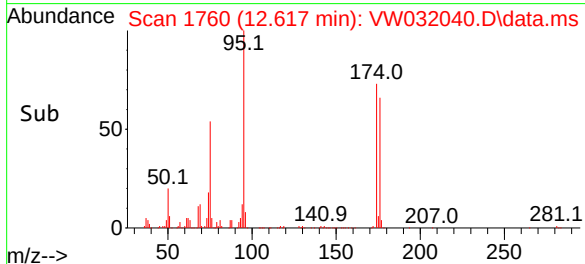
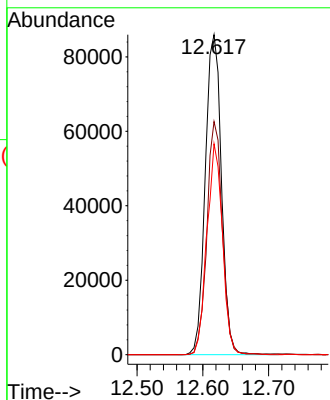
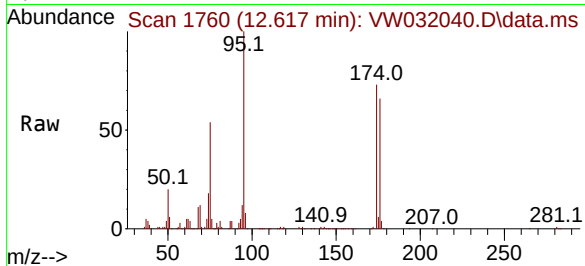




#62
4-Bromofluorobenzene
Concen: 42.818 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032040.D
Acq: 07 Aug 2025 13:20

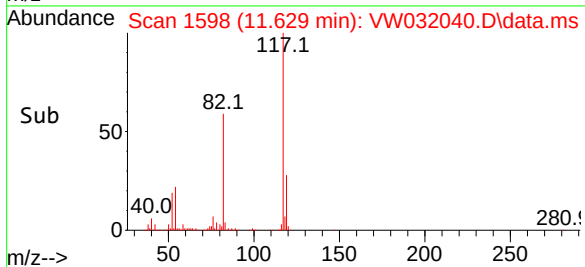
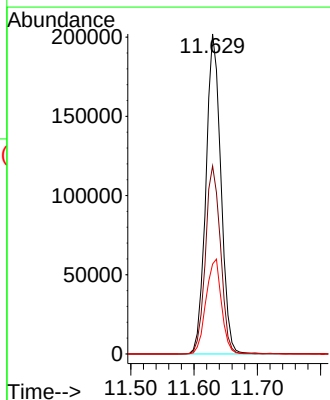
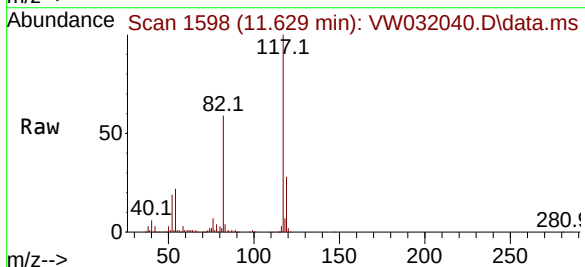
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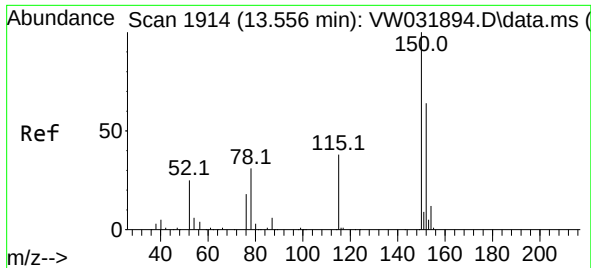
Tgt Ion: 95 Resp: 147076
Ion Ratio Lower Upper
95 100
174 69.7 0.0 129.8
176 63.6 0.0 130.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW032040.D
Acq: 07 Aug 2025 13:20

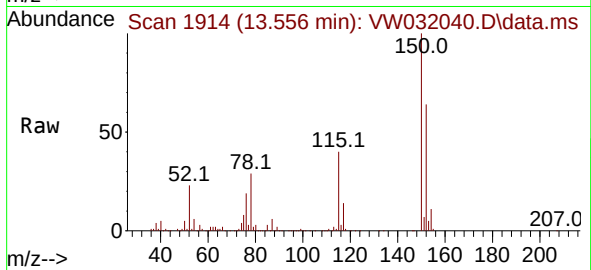
Tgt Ion: 117 Resp: 333273
Ion Ratio Lower Upper
117 100
82 58.7 46.5 69.7
119 28.1 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW032040.D
 Acq: 07 Aug 2025 13:20

Instrument :
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Tgt Ion:	152	Resp:	159816
Ion Ratio	Lower	Upper	
152	100		
115	64.0	33.4	100.1
150	152.4	0.0	352.2

