

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
 Data File : VW031823.D
 Acq On : 11 Jul 2025 16:32
 Operator : SY/MD
 Sample : Q2560-03
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LP-7102025-VOC

Quant Time: Jul 11 22:50:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	86289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	174959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	160898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	72383	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	66240	53.491	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	106.980%
35) Dibromofluoromethane	7.904	113	57490	50.355	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	100.720%
50) Toluene-d8	10.331	98	194107	45.687	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	91.380%
62) 4-Bromofluorobenzene	12.617	95	70474	45.074	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	90.140%

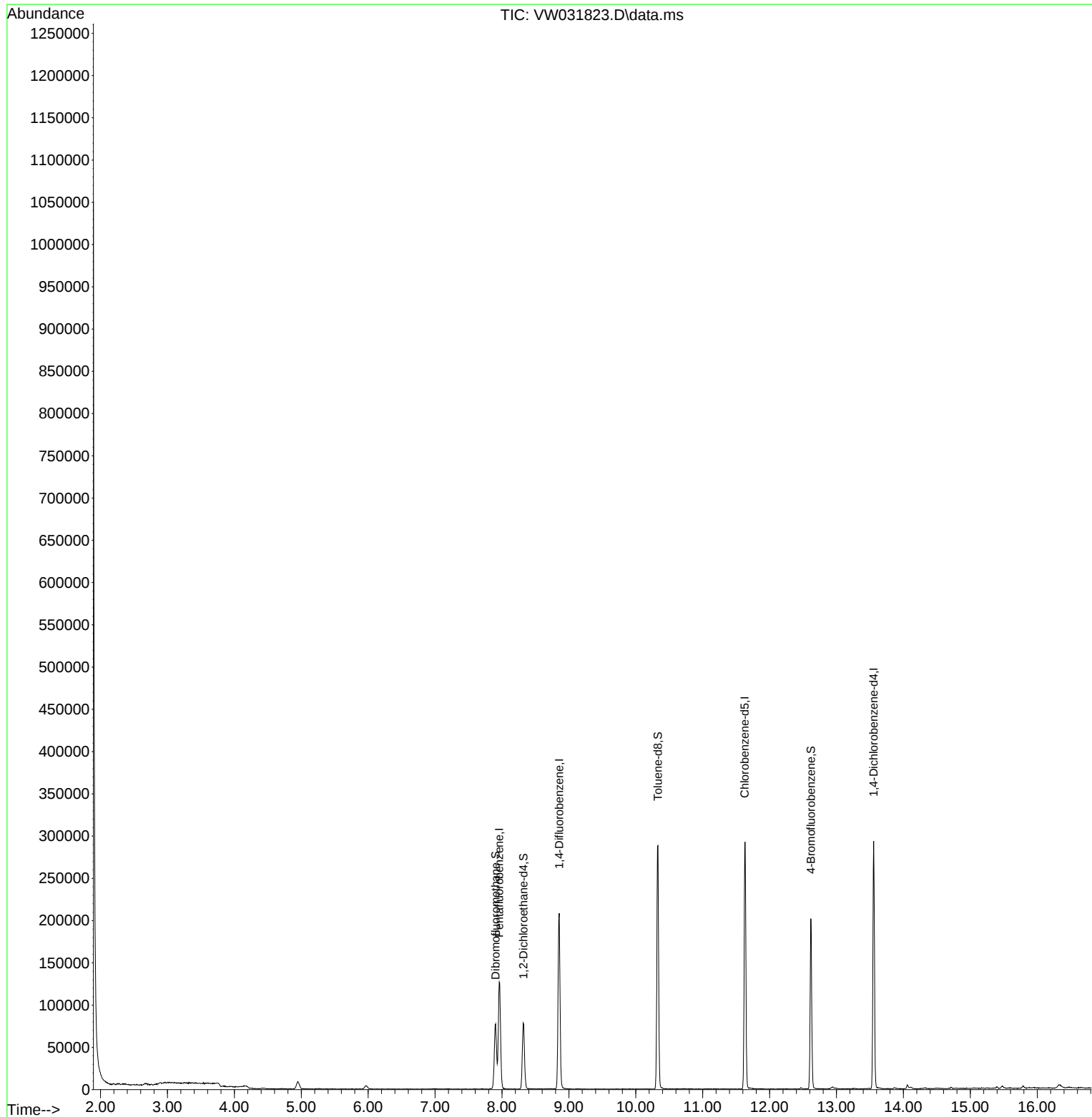
Target Compounds	Qvalue

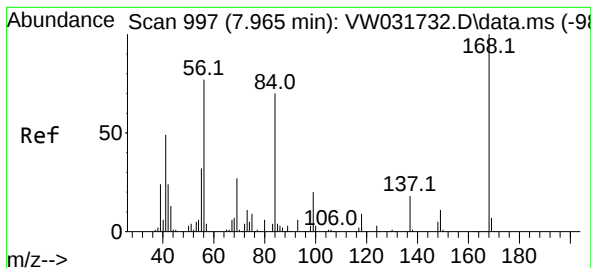
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.959 min Scan# 99

Delta R.T. -0.006 min

Lab File: VW031823.D

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Instrument :

MSVOA_W

ClientSampleId :

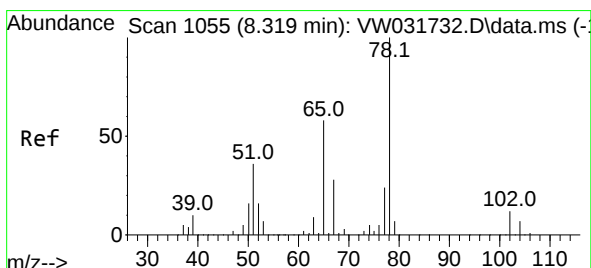
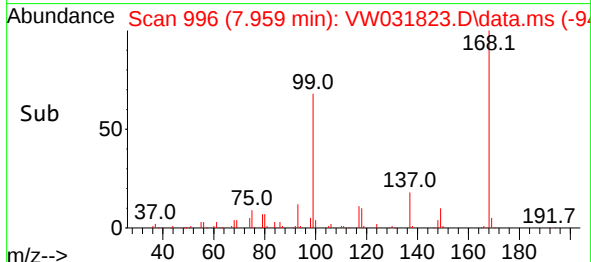
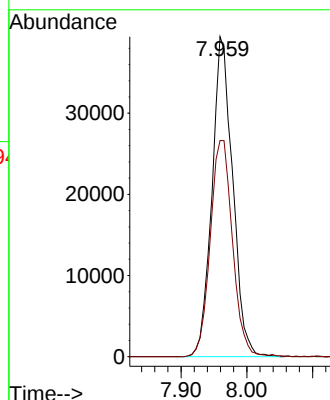
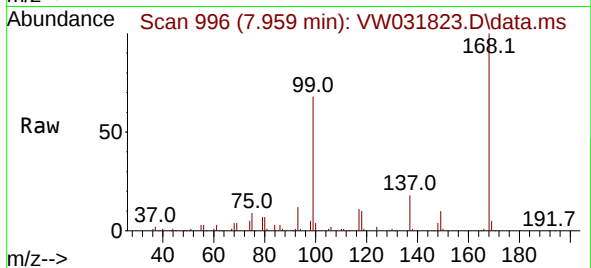
LP-7102025-VOC

Tgt Ion:168 Resp: 86289

Ion Ratio Lower Upper

168 100

99 67.5 49.4 74.2



#33

1,2-Dichloroethane-d4

Concen: 53.491 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW031823.D

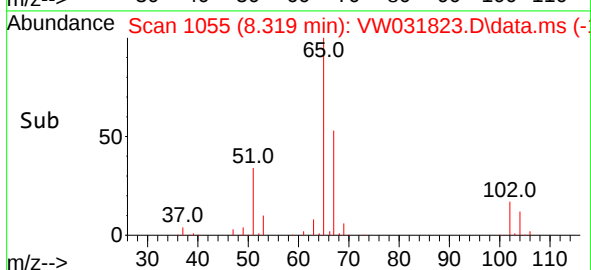
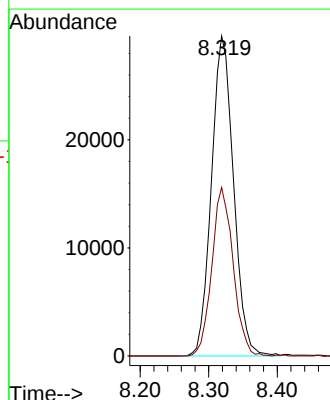
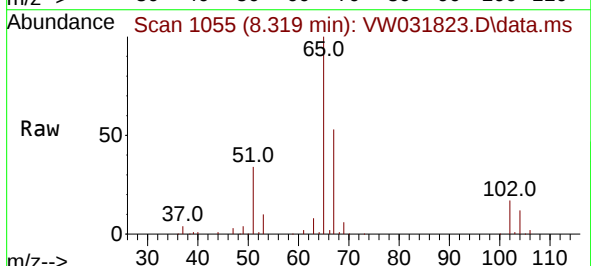
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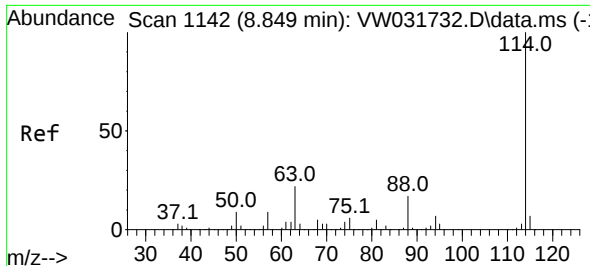
Tgt Ion: 65 Resp: 66240

Ion Ratio Lower Upper

65 100

67 50.8 0.0 99.4

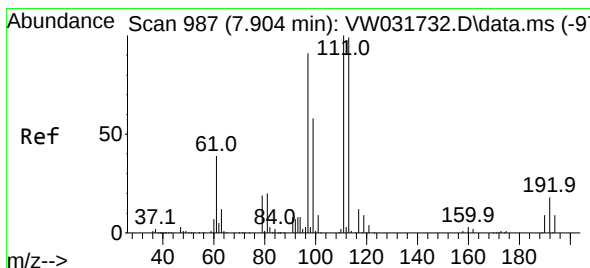
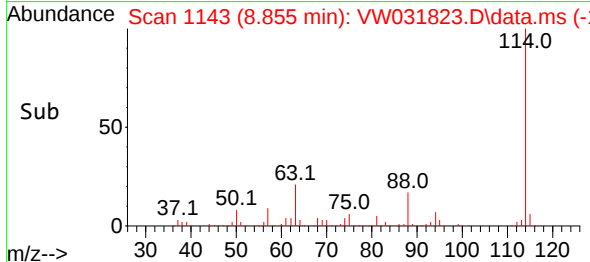
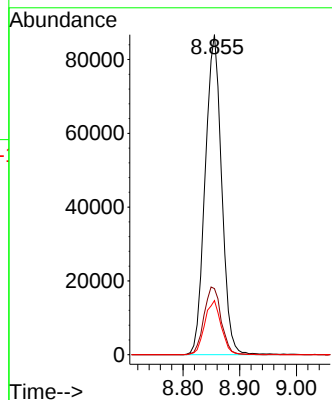
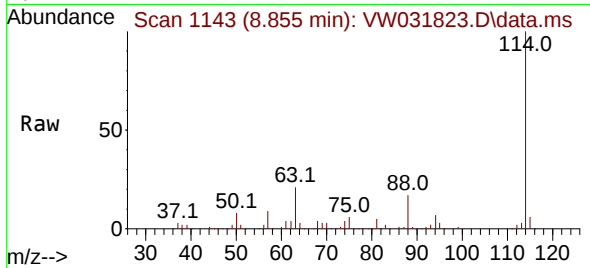




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VW031823.D
Acq: 11 Jul 2025 16:32

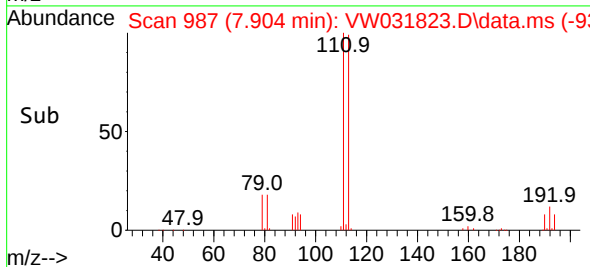
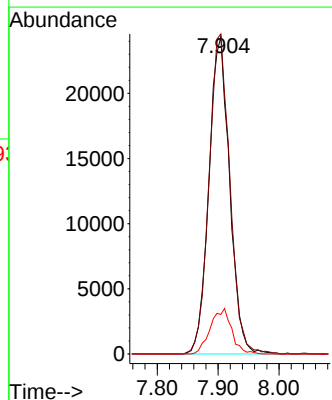
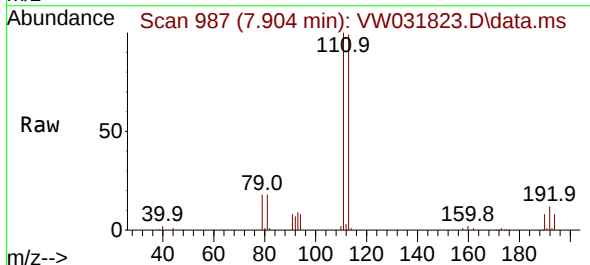
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ClientSampleId :
LP-7102025-VOC

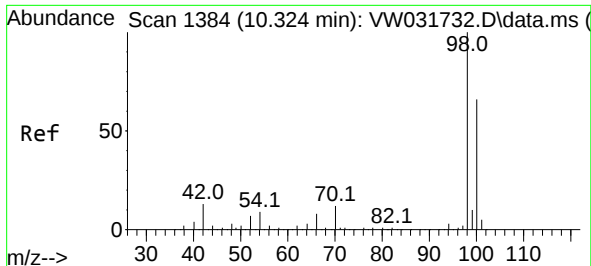
Tgt Ion:114 Resp: 174959
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.6
88 16.9 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.355 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW031823.D
Acq: 11 Jul 2025 16:32

Tgt Ion:113 Resp: 57490
Ion Ratio Lower Upper
113 100
111 101.6 82.1 123.1
192 14.8 13.8 20.6

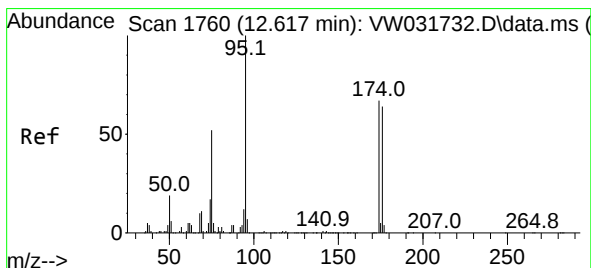
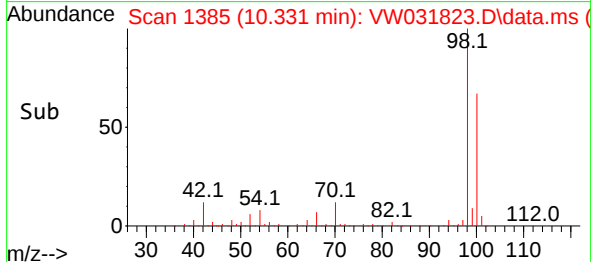
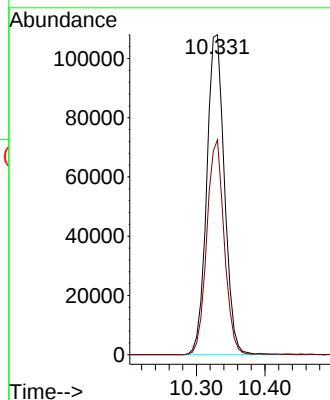
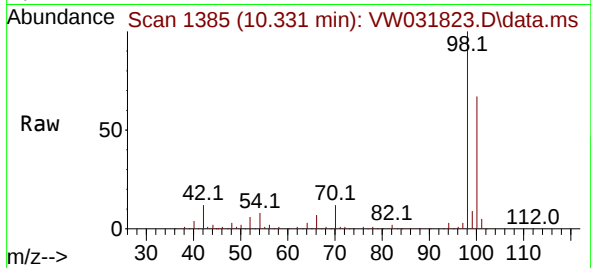




#50
Toluene-d8
Concen: 45.687 ug/l
RT: 10.331 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031823.D
Acq: 11 Jul 2025 16:32

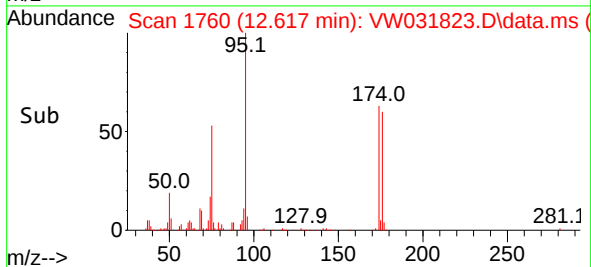
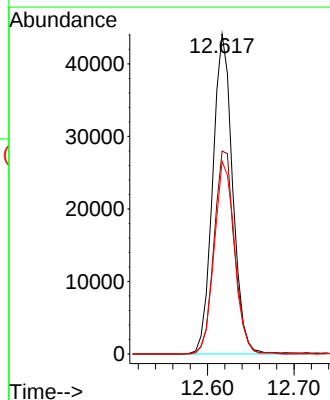
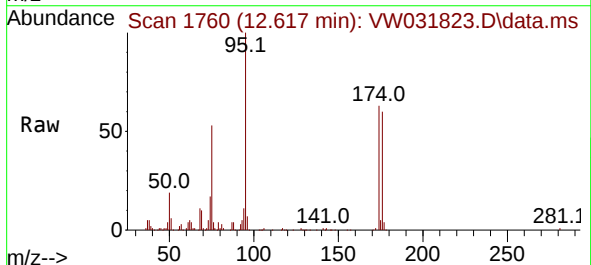
Instrument :
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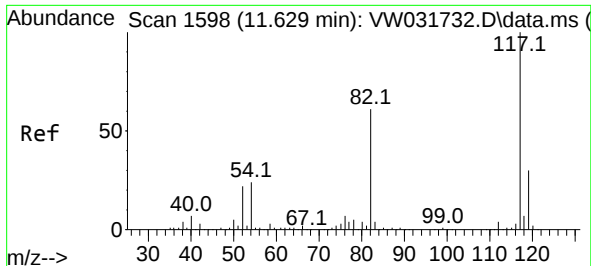
Tgt Ion: 98 Resp: 194107
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 45.074 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031823.D
Acq: 11 Jul 2025 16:32

Tgt Ion: 95 Resp: 70474
Ion Ratio Lower Upper
95 100
174 65.2 0.0 133.8
176 61.4 0.0 126.0

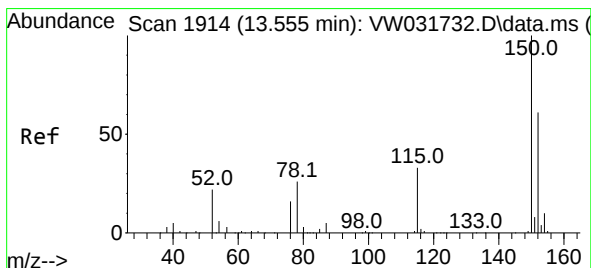
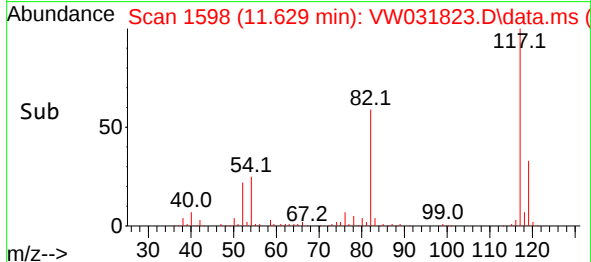
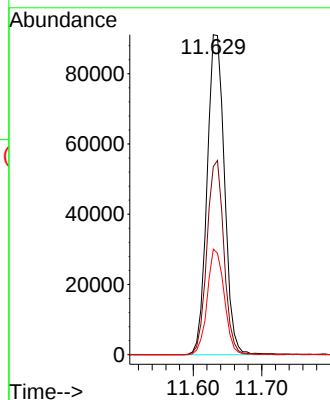
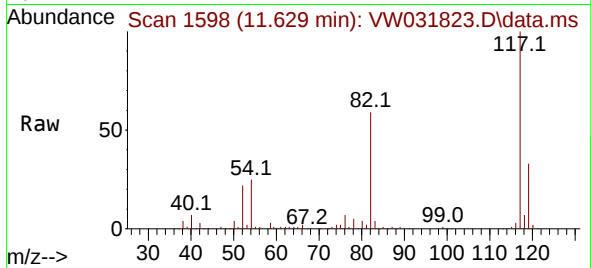




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031823.D
Acq: 11 Jul 2025 16:32

Instrument :
MSVOA_W
ClientSampleId :
LP-7102025-VOC

Tgt Ion:117 Resp: 160898
Ion Ratio Lower Upper
117 100
82 58.8 48.6 72.8
119 33.0 23.9 35.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031823.D
Acq: 11 Jul 2025 16:32

Tgt Ion:152 Resp: 72383
Ion Ratio Lower Upper
152 100
115 67.2 31.9 95.7
150 154.0 0.0 356.4

