

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072425\
 Data File : VW031924.D
 Acq On : 24 Jul 2025 14:13
 Operator : SY/MD
 Sample : Q2691-01
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 295

Quant Time: Jul 25 03:44:15 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)

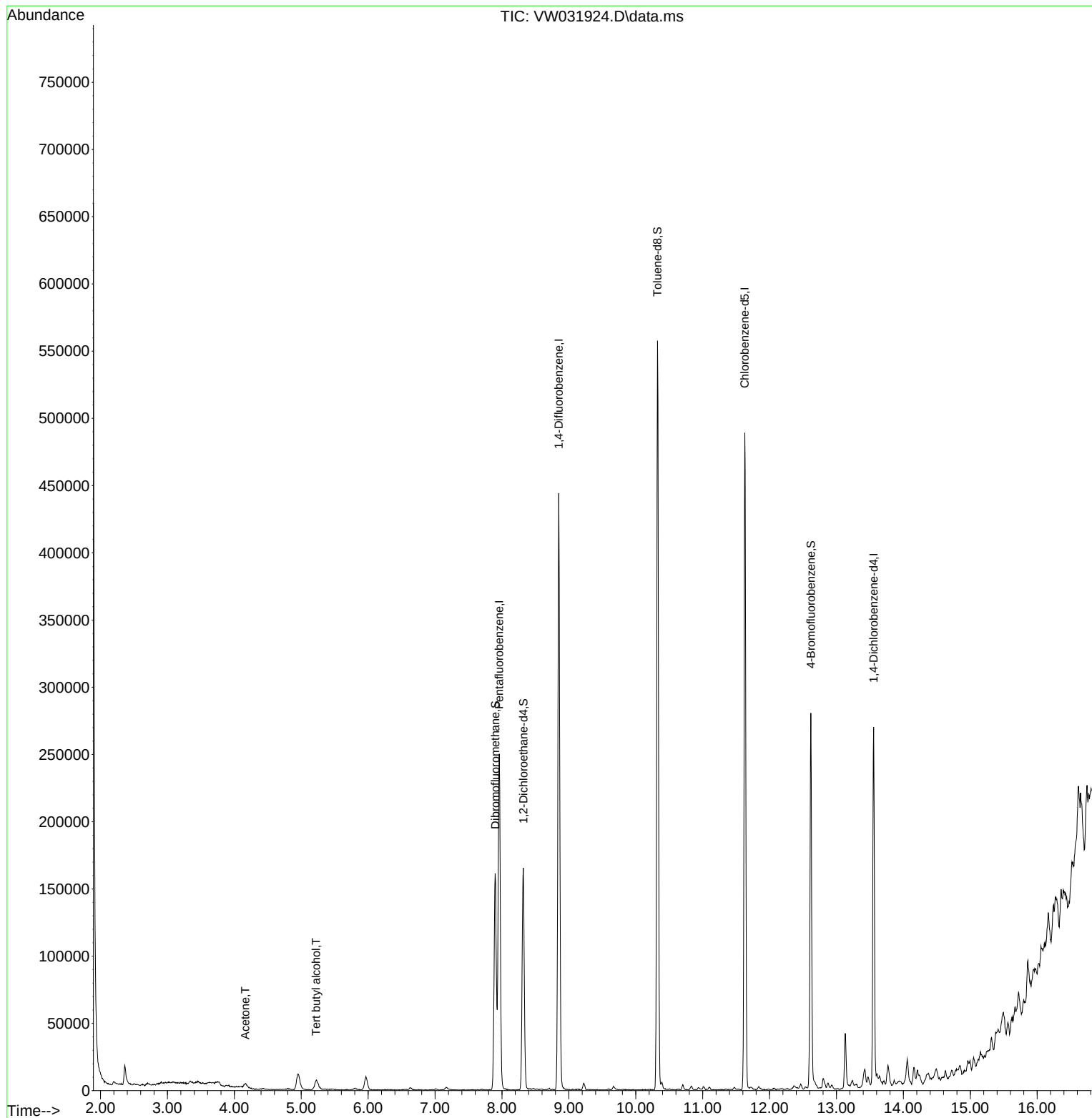
Internal Standards						
1) Pentafluorobenzene	7.959	168	174722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	359613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	268955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	67226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	136609	51.685	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	103.380%
35) Dibromofluoromethane	7.898	113	119986	49.102	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	98.200%
50) Toluene-d8	10.325	98	369788	39.984	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	79.960%
62) 4-Bromofluorobenzene	12.617	95	97597	27.483	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	54.960%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.222	59	13350	85.927	ug/l	# 88
16) Acetone	4.161	43	4965	7.916	ug/l	91

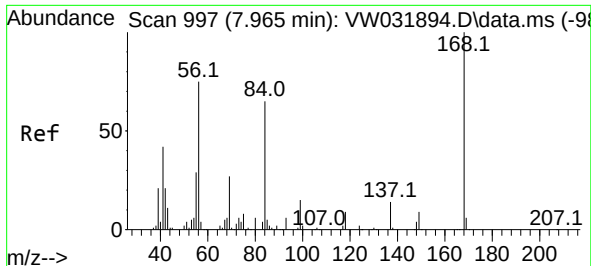
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072425\
Data File : VW031924.D
Acq On : 24 Jul 2025 14:13
Operator : SY/MD
Sample : Q2691-01
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
295

Quant Time: Jul 25 03:44:15 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

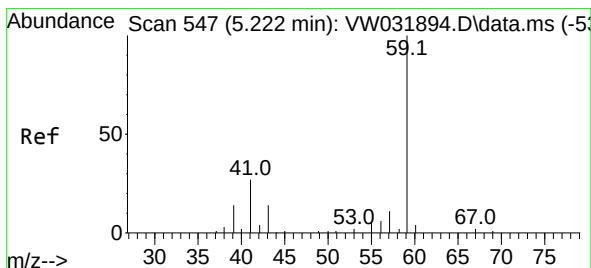
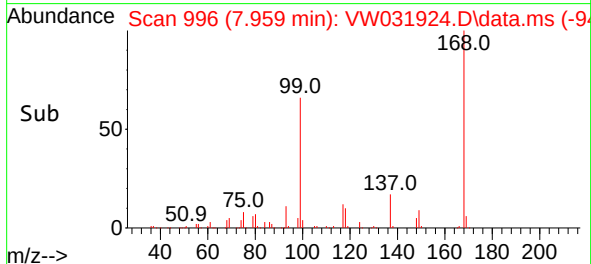
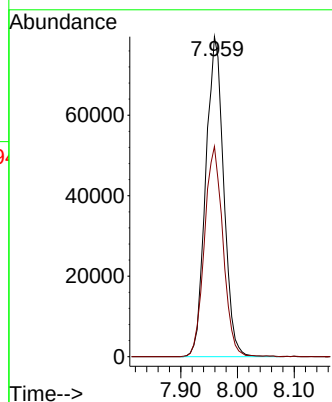
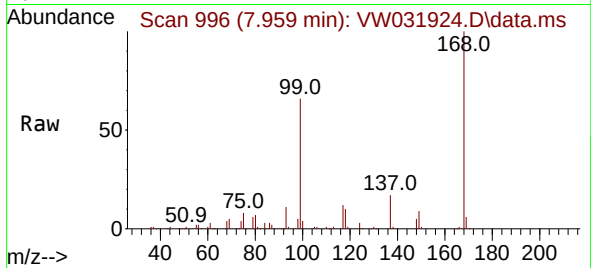




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW031924.D
Acq: 24 Jul 2025 14:13

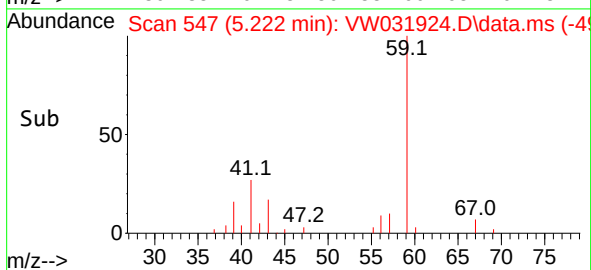
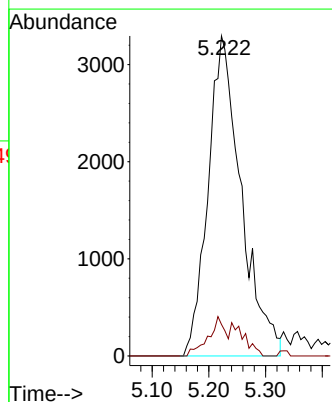
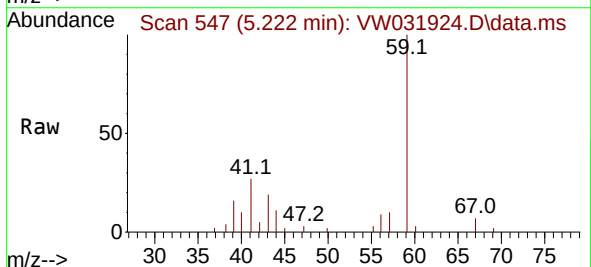
Instrument :
MSVOA_W
ClientSampleId :
295

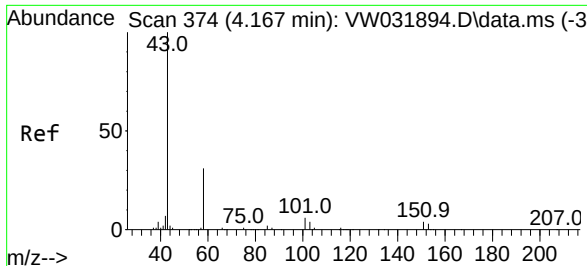
Tgt Ion:168 Resp: 174722
Ion Ratio Lower Upper
168 100
99 65.7 48.2 72.2



#11
Tert butyl alcohol
Concen: 85.927 ug/l
RT: 5.222 min Scan# 547
Delta R.T. 0.000 min
Lab File: VW031924.D
Acq: 24 Jul 2025 14:13

Tgt Ion: 59 Resp: 13350
Ion Ratio Lower Upper
59 100
57 6.3 8.6 12.8#

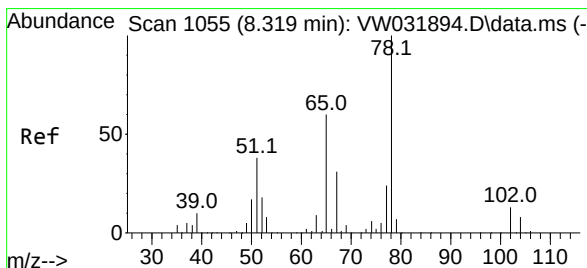
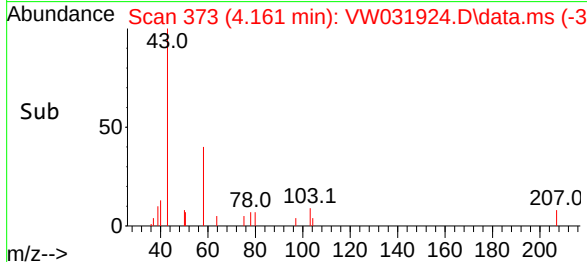
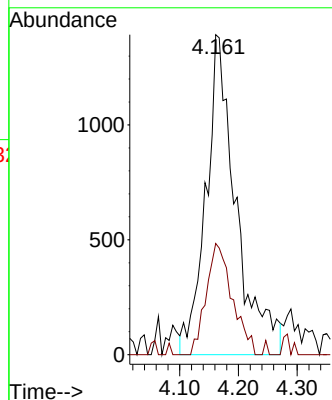
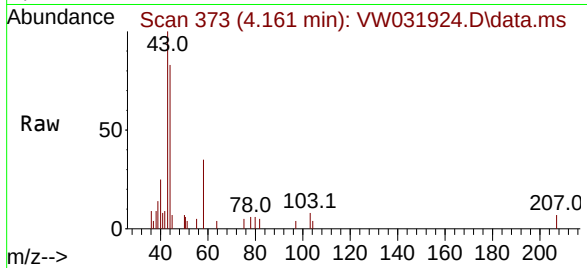




#16
Acetone
Concen: 7.916 ug/l
RT: 4.161 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW031924.D
Acq: 24 Jul 2025 14:13

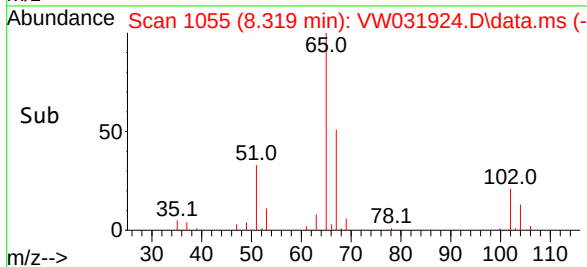
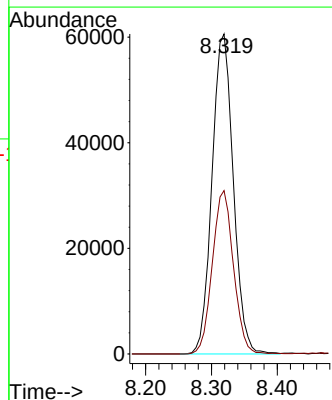
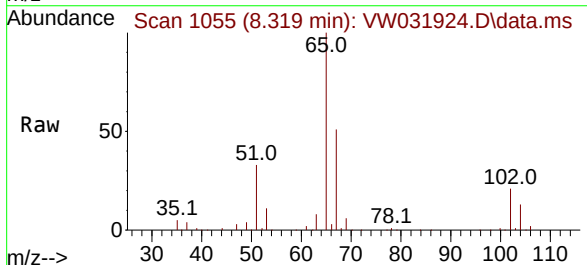
Instrument :
MSVOA_W
ClientSampleId :
295

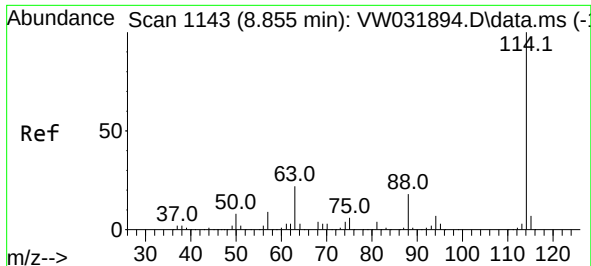
Tgt Ion: 43 Resp: 4965
Ion Ratio Lower Upper
43 100
58 36.9 25.5 38.3



#33
1,2-Dichloroethane-d4
Concen: 51.685 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031924.D
Acq: 24 Jul 2025 14:13

Tgt Ion: 65 Resp: 136609
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1143

Delta R.T. -0.006 min

Lab File: VW031924.D

Acq: 24 Jul 2025 14:13

Instrument :

MSVOA_W

ClientSampleId :

295

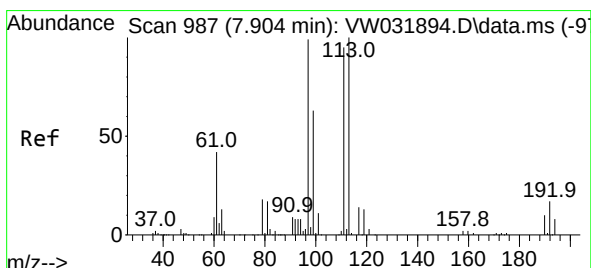
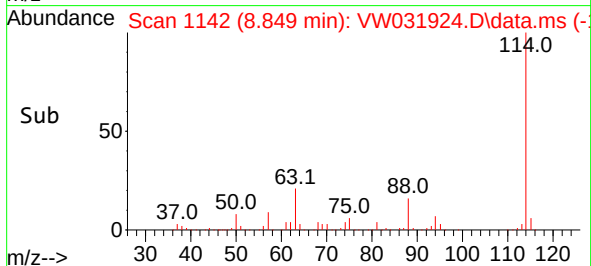
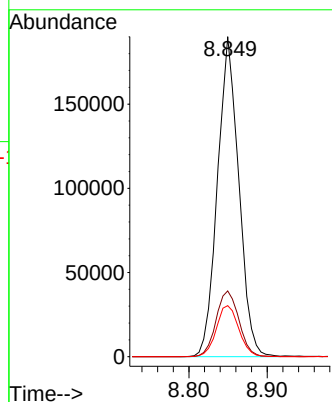
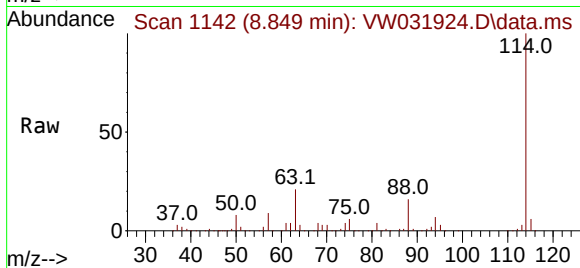
Tgt Ion:114 Resp: 359613

Ion Ratio Lower Upper

114 100

63 20.5 0.0 44.2

88 15.9 0.0 35.6



#35

Dibromofluoromethane

Concen: 49.102 ug/l

RT: 7.898 min Scan# 986

Delta R.T. -0.006 min

Lab File: VW031924.D

Acq: 24 Jul 2025 14:13

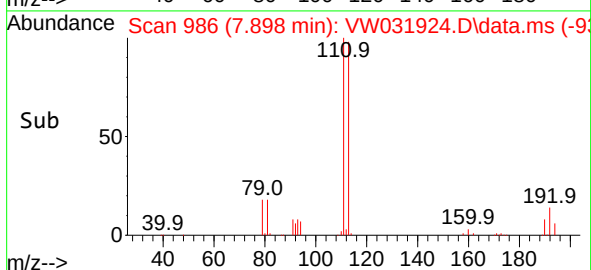
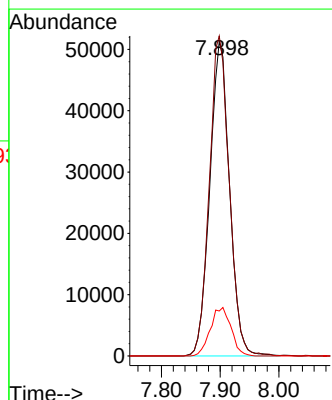
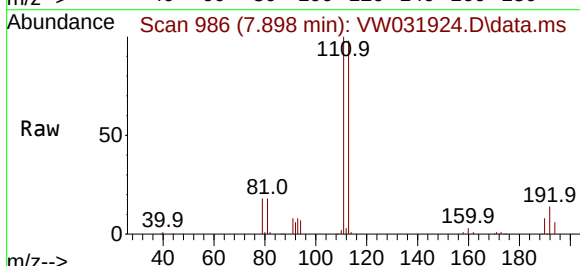
Tgt Ion:113 Resp: 119986

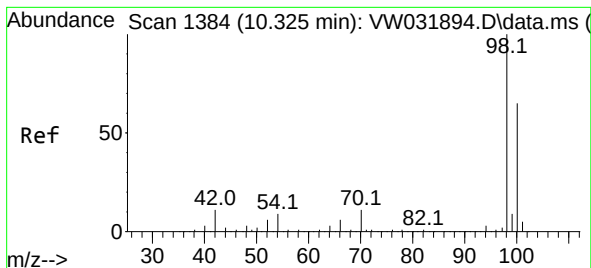
Ion Ratio Lower Upper

113 100

111 102.4 79.9 119.9

192 16.1 12.6 19.0





#50

Toluene-d8

Concen: 39.984 ug/l

RT: 10.325 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031924.D

Acq: 24 Jul 2025 14:13

Instrument :

MSVOA_W

ClientSampleId :

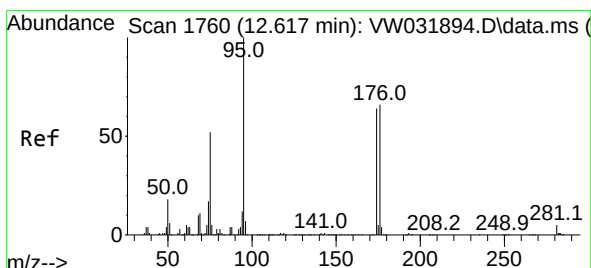
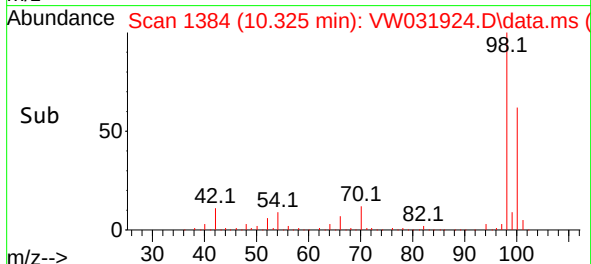
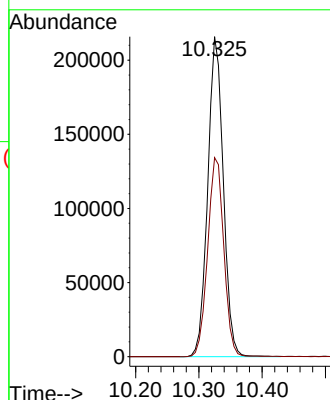
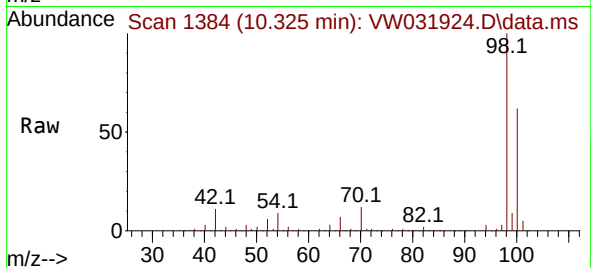
295

Tgt Ion: 98 Resp: 369788

Ion Ratio Lower Upper

98 100

100 64.4 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 27.483 ug/l

RT: 12.617 min Scan# 1760

Delta R.T. 0.000 min

Lab File: VW031924.D

Acq: 24 Jul 2025 14:13

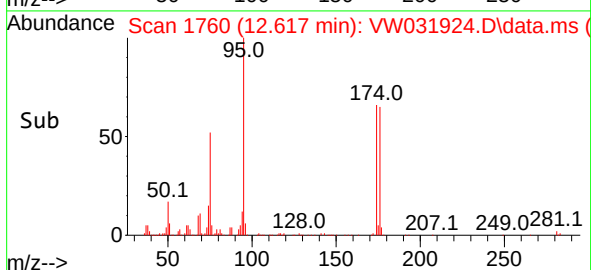
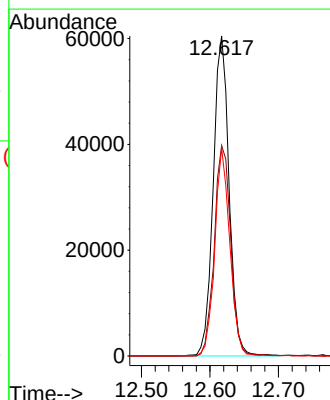
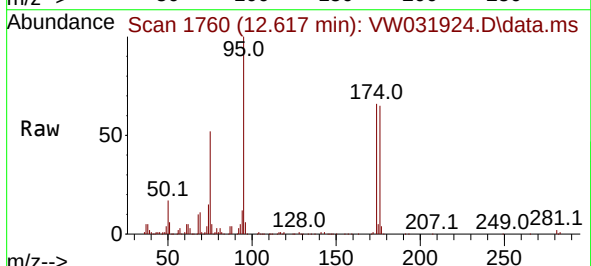
Tgt Ion: 95 Resp: 97597

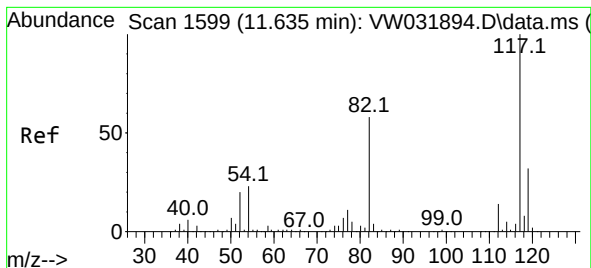
Ion Ratio Lower Upper

95 100

174 68.1 0.0 129.8

176 61.6 0.0 130.4

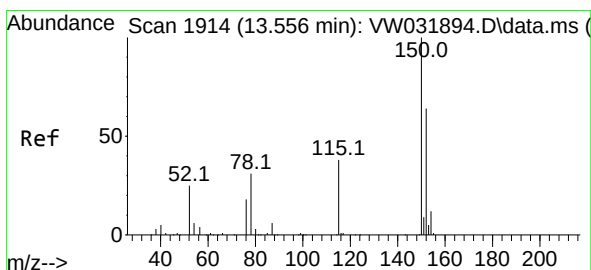
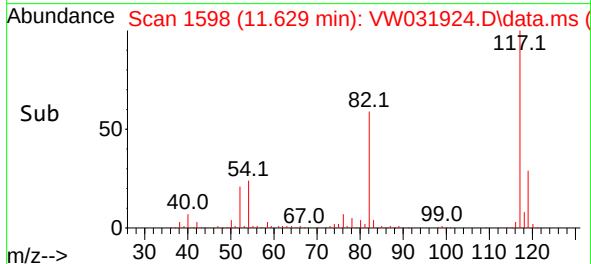
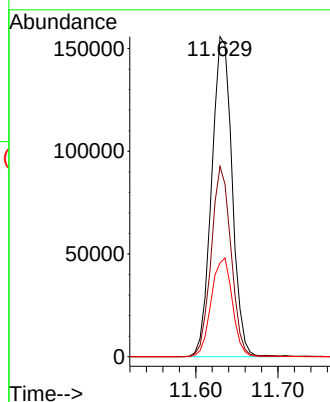
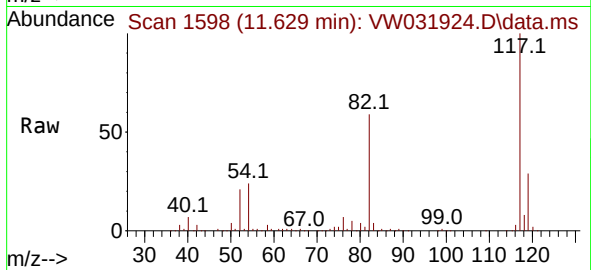




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. -0.006 min
Lab File: VW031924.D
Acq: 24 Jul 2025 14:13

Instrument :
MSVOA_W
ClientSampleId :
295

Tgt Ion:117 Resp: 268955
Ion Ratio Lower Upper
117 100
82 59.4 46.5 69.7
119 29.3 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: VW031924.D
Acq: 24 Jul 2025 14:13

Tgt Ion:152 Resp: 67226
Ion Ratio Lower Upper
152 100
115 67.3 33.4 100.1
150 164.7 0.0 352.2

