

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
 Data File : VW032459.D
 Acq On : 17 Nov 2025 15:39
 Operator : SY/MD
 Sample : Q3641-01
 Misc : 5.08g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-05-111325

Quant Time: Nov 18 03:05:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

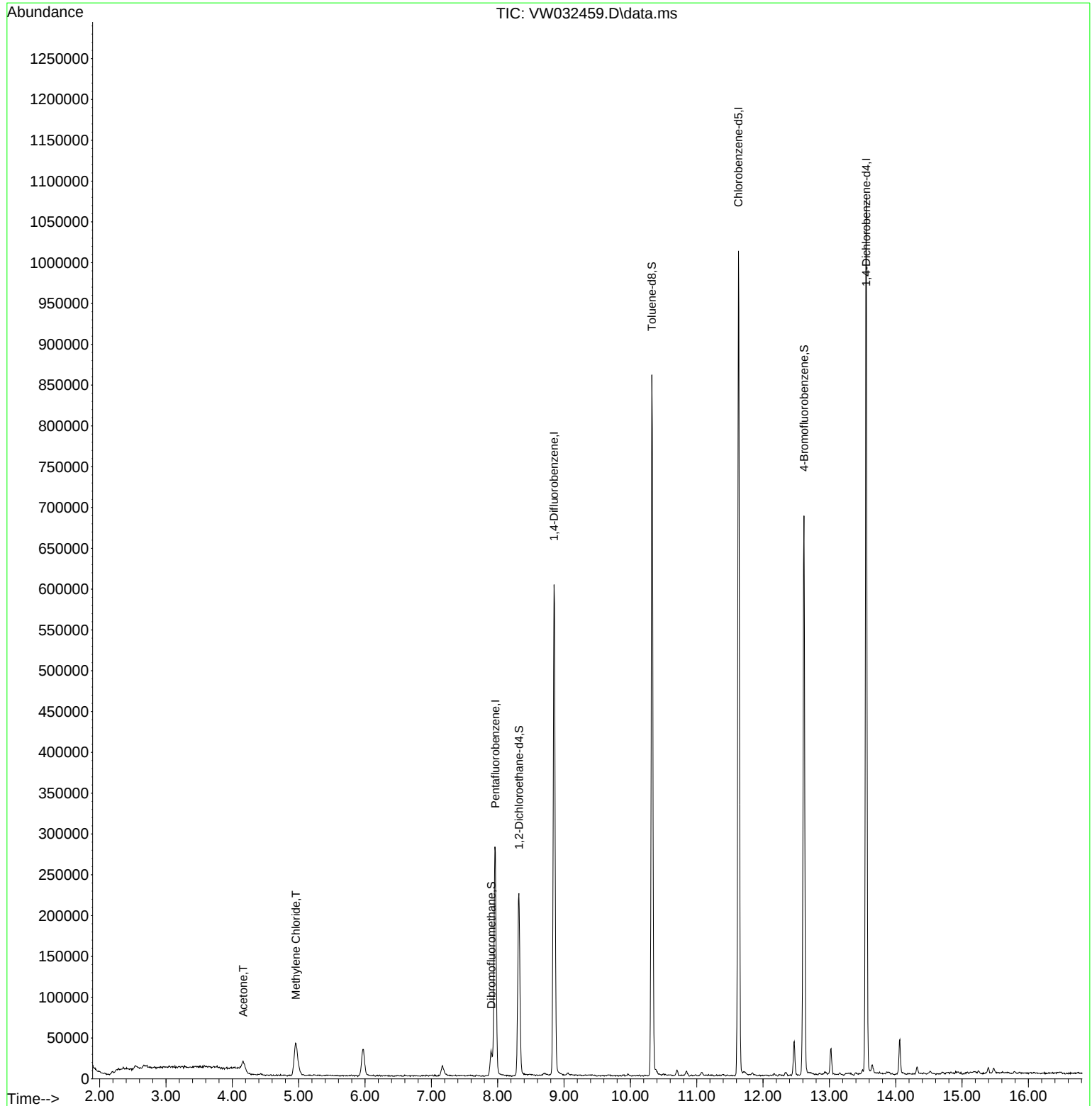
Internal Standards						
1) Pentafluorobenzene	7.965	168	201837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	499372	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	549522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	277082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	179936	69.149	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	138.300%	
35) Dibromofluoromethane	7.904	113	22477	7.518	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	15.040%#	
50) Toluene-d8	10.325	98	563899	49.163	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	98.320%	
62) 4-Bromofluorobenzene	12.617	95	235122	54.264	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	108.520%	
Target Compounds						
16) Acetone	4.161	43	18247	23.439	ug/l	95
20) Methylene Chloride	4.960	84	36087	12.962	ug/l	96

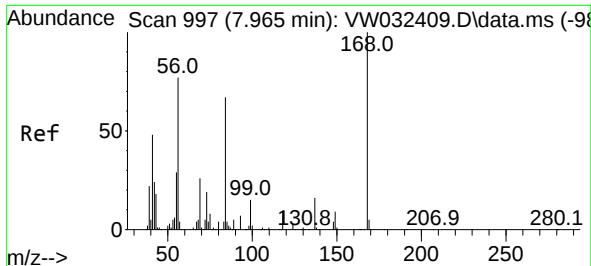
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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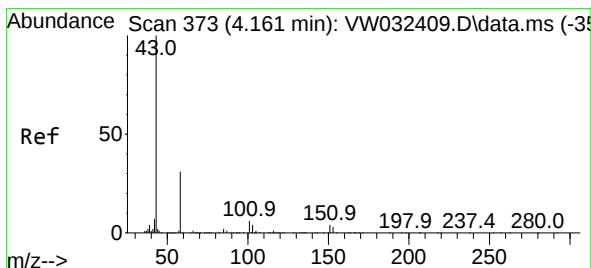
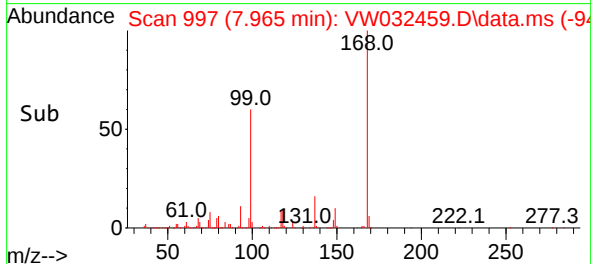
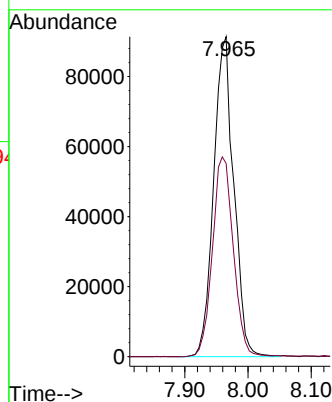
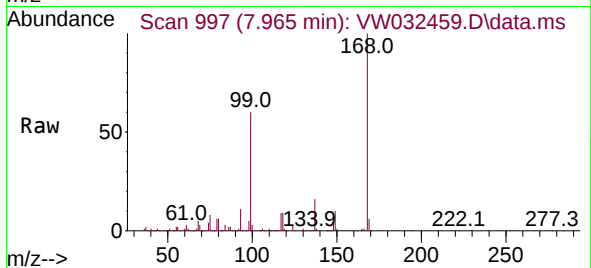




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032459.D
Acq: 17 Nov 2025 15:39

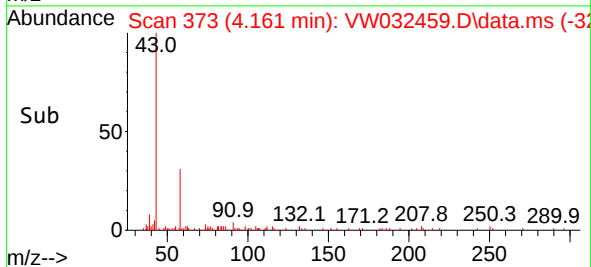
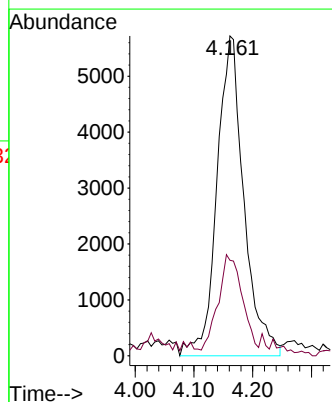
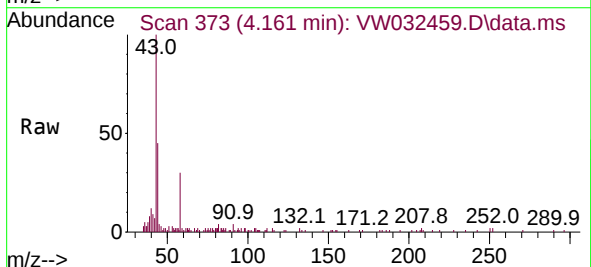
Instrument :
MSVOA_W
ClientSampleId :
TR-05-111325

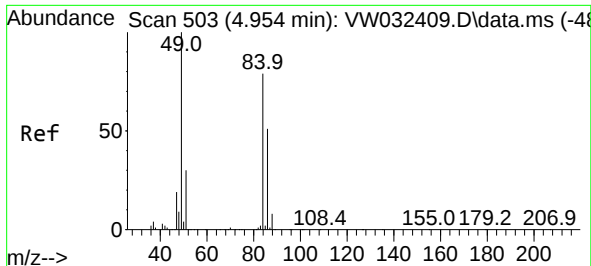
Tgt Ion:168 Resp: 201837
Ion Ratio Lower Upper
168 100
99 60.4 45.4 68.2



#16
Acetone
Concen: 23.439 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032459.D
Acq: 17 Nov 2025 15:39

Tgt Ion: 43 Resp: 18247
Ion Ratio Lower Upper
43 100
58 28.2 24.8 37.2

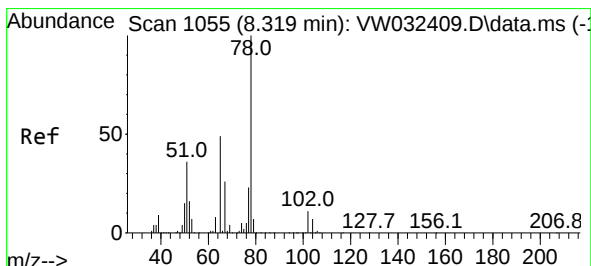
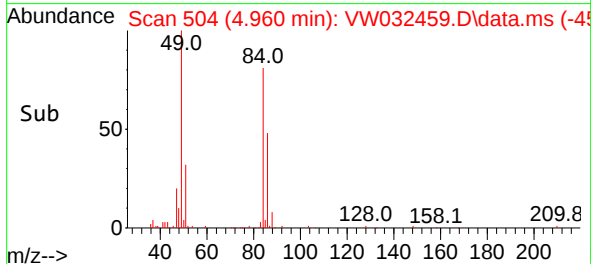
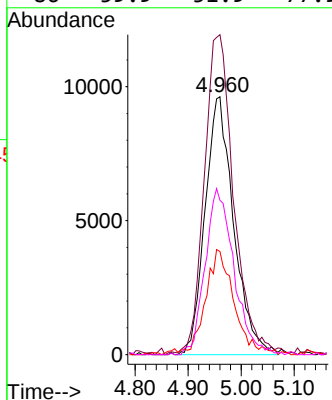
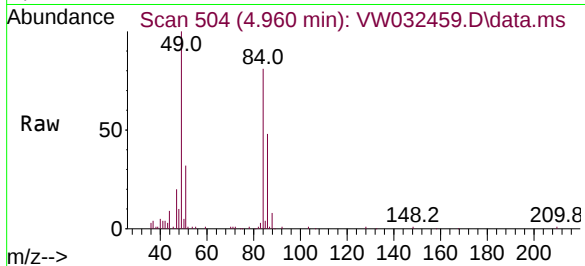




#20
Methylene Chloride
Concen: 12.962 ug/l
RT: 4.960 min Scan# 503
Delta R.T. 0.006 min
Lab File: VW032459.D
Acq: 17 Nov 2025 15:39

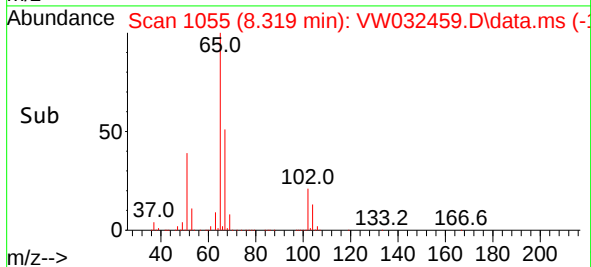
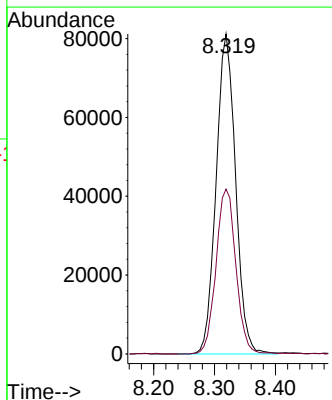
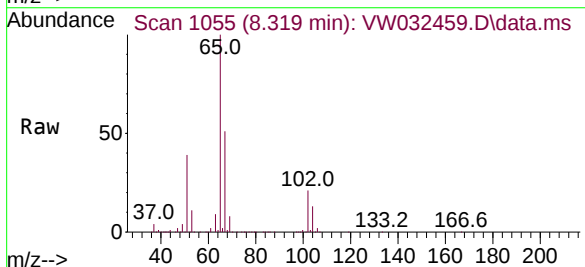
Instrument :
MSVOA_W
ClientSampleId :
TR-05-111325

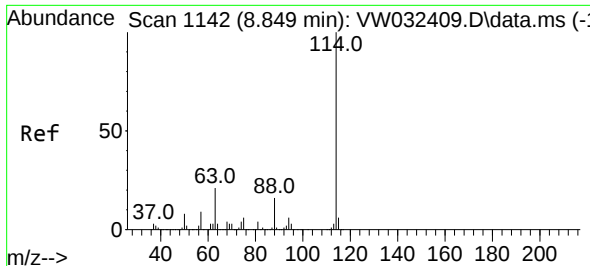
Tgt Ion:	84	Resp:	36087
Ion	Ratio	Lower	Upper
84	100		
49	123.5	101.5	152.3
51	40.0	30.6	46.0
86	59.9	51.9	77.9



#33
1,2-Dichloroethane-d4
Concen: 69.149 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032459.D
Acq: 17 Nov 2025 15:39

Tgt Ion:	65	Resp:	179936
Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	106.8

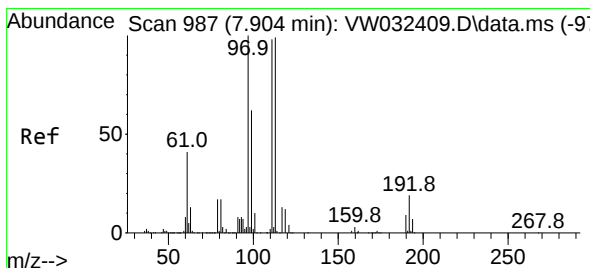
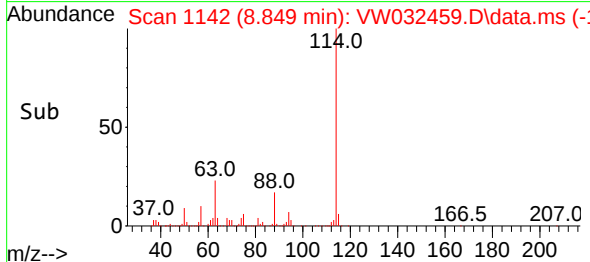
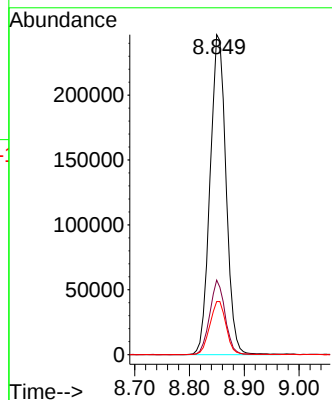
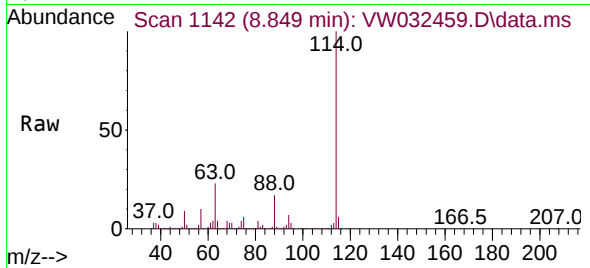




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW032459.D
Acq: 17 Nov 2025 15:39

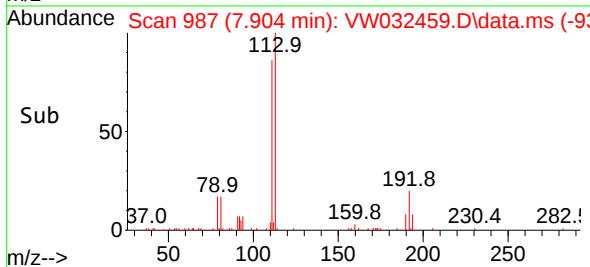
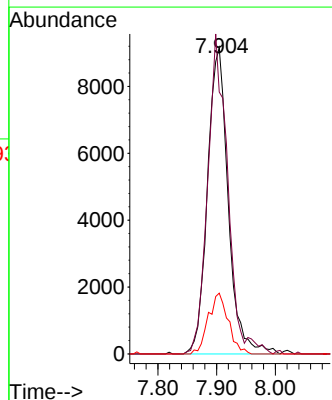
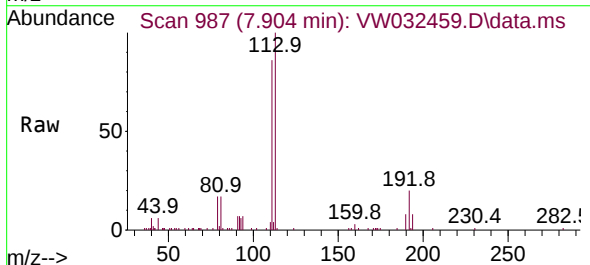
Instrument :
MSVOA_W
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TR-05-111325

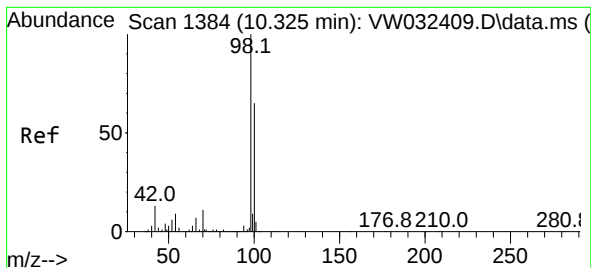
Tgt Ion:	114	Resp:	499372
Ion Ratio	Lower	Upper	
114	100		
63	23.3	0.0	41.8
88	16.6	0.0	32.6



#35
Dibromofluoromethane
Concen: 7.518 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW032459.D
Acq: 17 Nov 2025 15:39

Tgt Ion:	113	Resp:	22477
Ion Ratio	Lower	Upper	
113	100		
111	100.8	83.1	124.7
192	19.1	13.4	20.2





#50

Toluene-d8

Concen: 49.163 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032459.D

Acq: 17 Nov 2025 15:39

Instrument :

MSVOA_W

ClientSampleId :

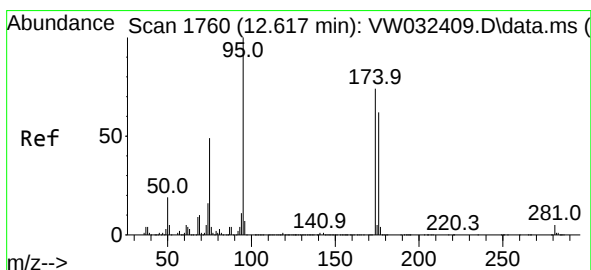
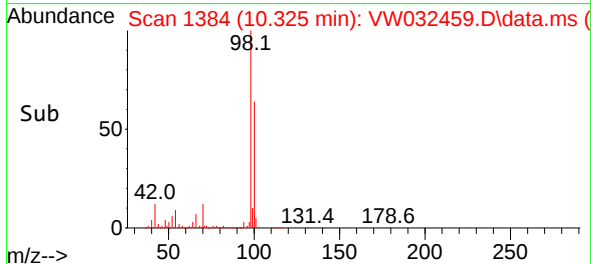
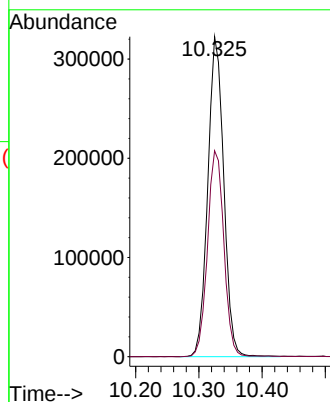
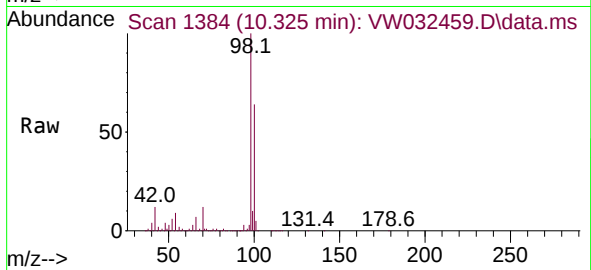
TR-05-111325

Tgt Ion: 98 Resp: 563899

Ion Ratio Lower Upper

98 100

100 65.9 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 54.264 ug/l

RT: 12.617 min Scan# 1760

Delta R.T. 0.000 min

Lab File: VW032459.D

Acq: 17 Nov 2025 15:39

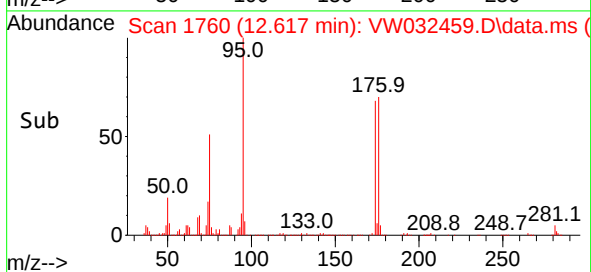
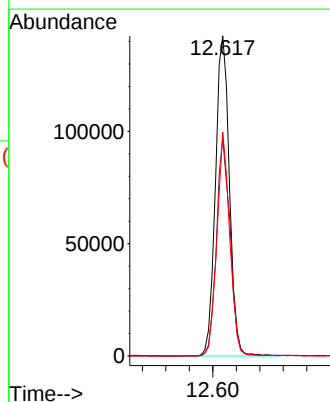
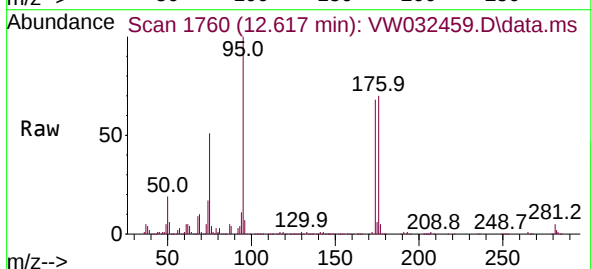
Tgt Ion: 95 Resp: 235122

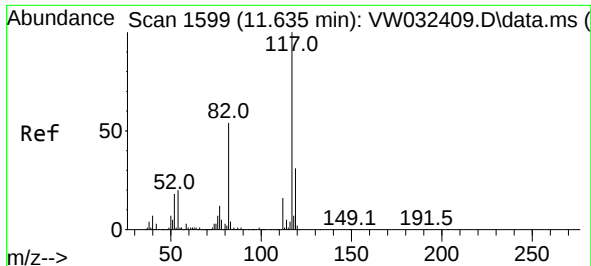
Ion Ratio Lower Upper

95 100

174 66.7 0.0 135.4

176 64.4 0.0 131.8

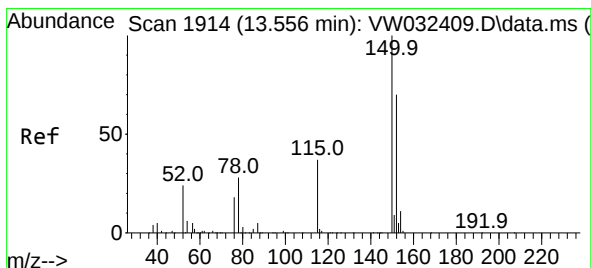
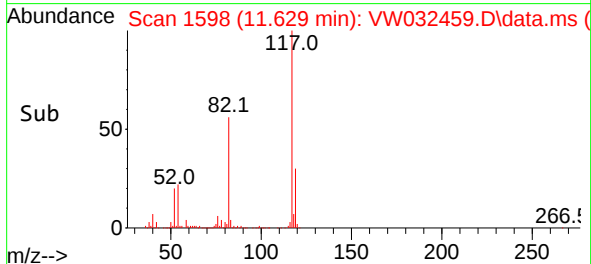
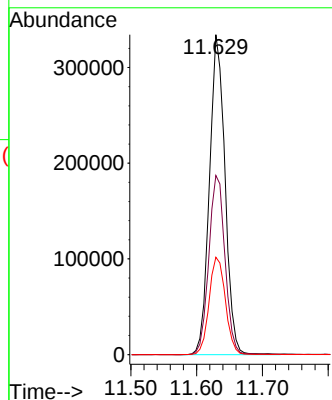
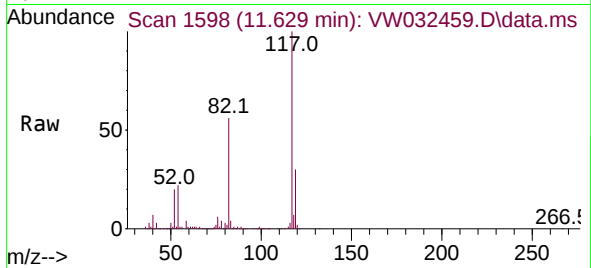




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032459.D
Acq: 17 Nov 2025 15:39

Instrument :
MSVOA_W
ClientSampleId :
TR-05-111325

Tgt Ion:117 Resp: 549522
Ion Ratio Lower Upper
117 100
82 56.0 43.0 64.4
119 30.4 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032459.D
Acq: 17 Nov 2025 15:39

Tgt Ion:152 Resp: 277082
Ion Ratio Lower Upper
152 100
115 61.9 32.8 98.3
150 151.6 0.0 356.6

