

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
 Data File : VW032455.D
 Acq On : 17 Nov 2025 14:10
 Operator : SY/MD
 Sample : Q3631-03
 Misc : 5.72g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-208

Quant Time: Nov 18 03:04:38 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)

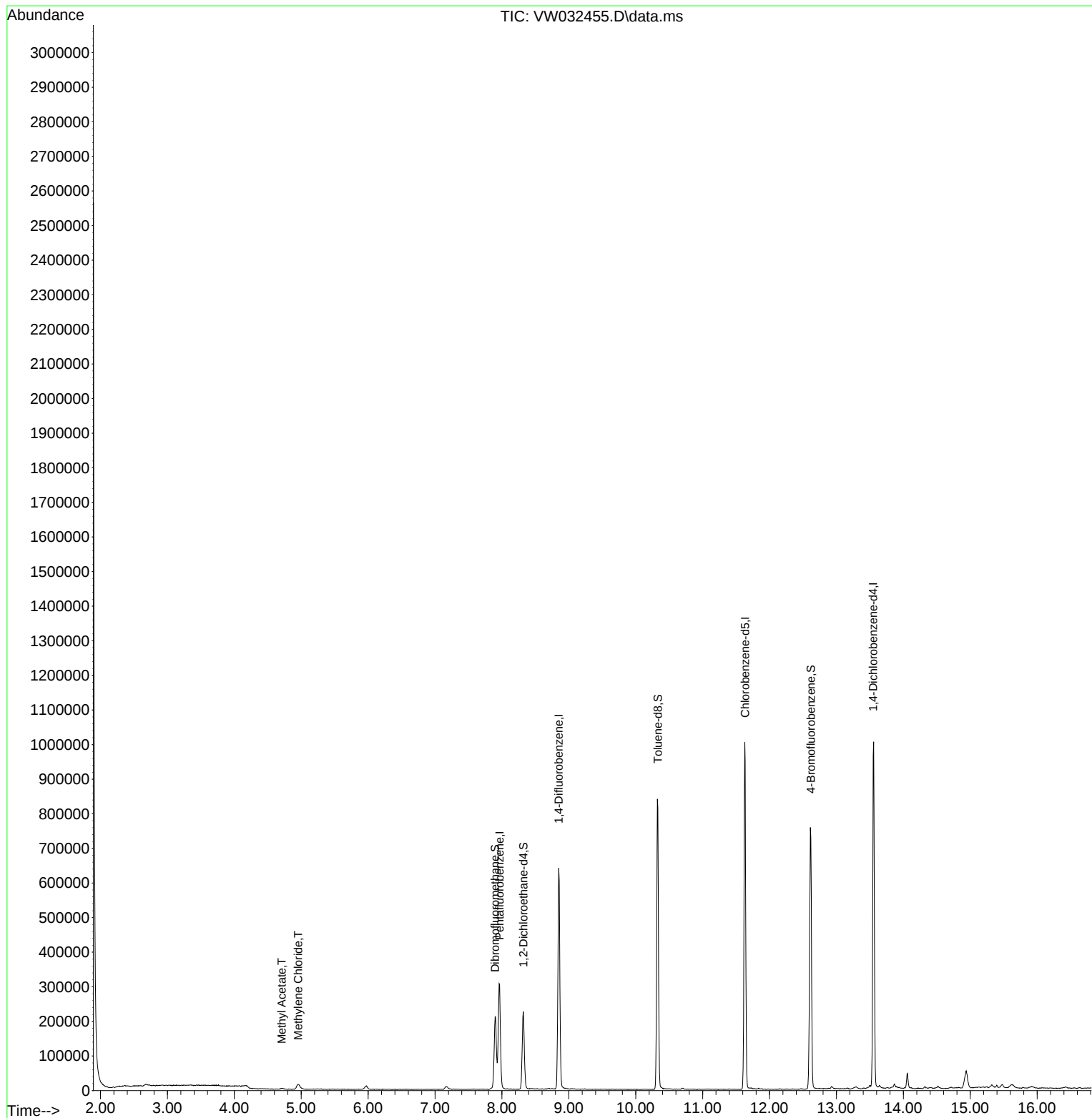
Internal Standards						
1) Pentafluorobenzene	7.965	168	216540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	534739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	554943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.550	152	254362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	176995	63.400	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	126.800%
35) Dibromofluoromethane	7.898	113	156469	48.872	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	97.740%
50) Toluene-d8	10.331	98	563046	45.842	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	91.680%
62) 4-Bromofluorobenzene	12.617	95	225835	48.673	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	97.340%
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.710	43	5561	2.689	ug/l	95
20) Methylene Chloride	4.954	84	12856	4.304	ug/l	92

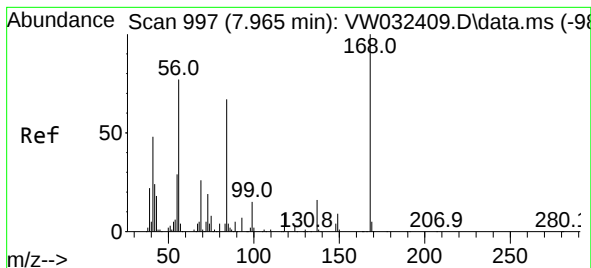
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.965 min Scan# 99

Delta R.T. 0.000 min

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MSVOA_W

ClientSampleId :

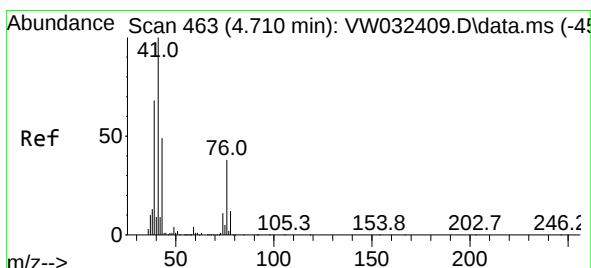
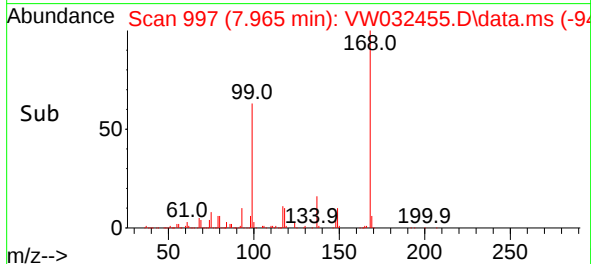
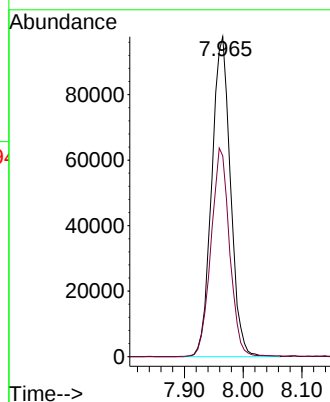
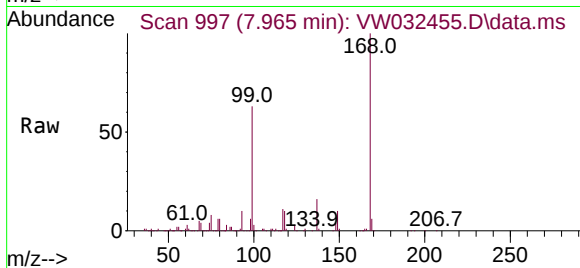
VNJ-208

Tgt Ion:168 Resp: 216540

Ion Ratio Lower Upper

168 100

99 62.7 45.4 68.2



#18

Methyl Acetate

Concen: 2.689 ug/l

RT: 4.710 min Scan# 463

Delta R.T. 0.000 min

Lab File: VW032455.D

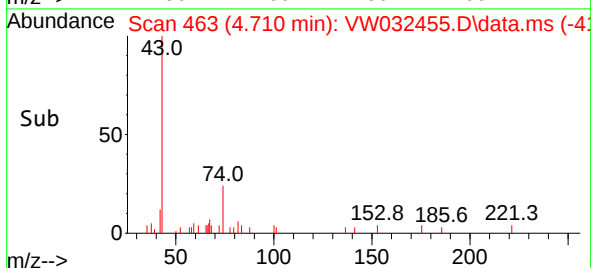
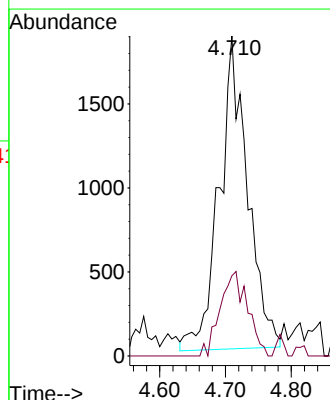
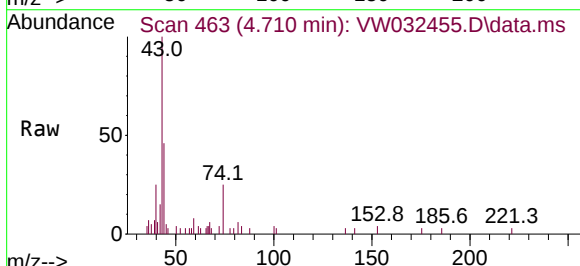
Acq: 17 Nov 2025 14:10

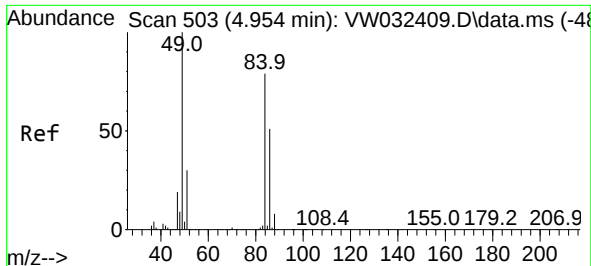
Tgt Ion: 43 Resp: 5561

Ion Ratio Lower Upper

43 100

74 26.1 18.9 28.3

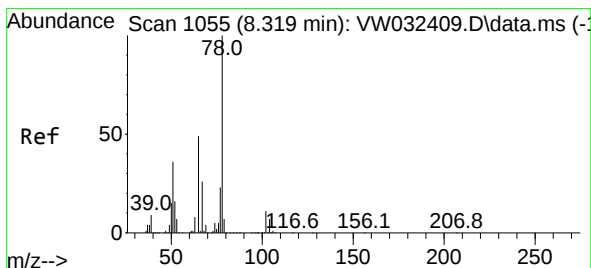
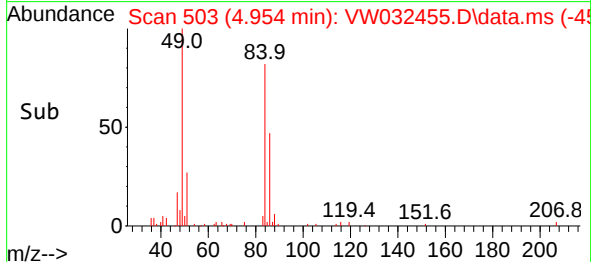
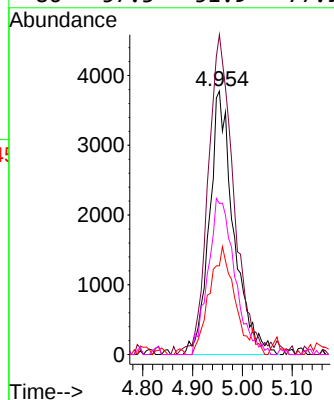
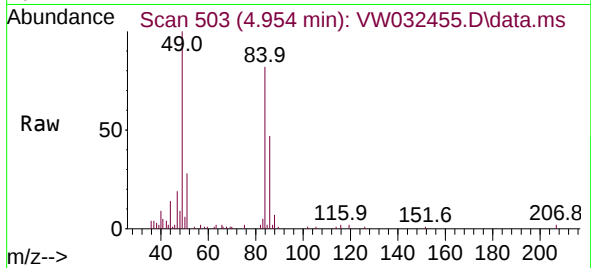




#20
Methylene Chloride
Concen: 4.304 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW032455.D
Acq: 17 Nov 2025 14:10

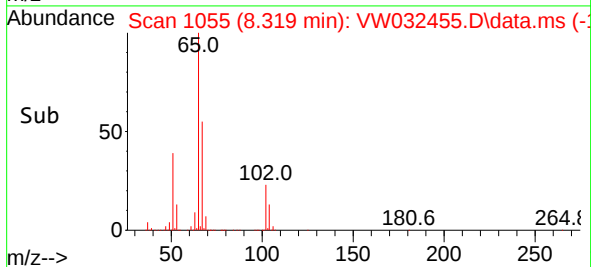
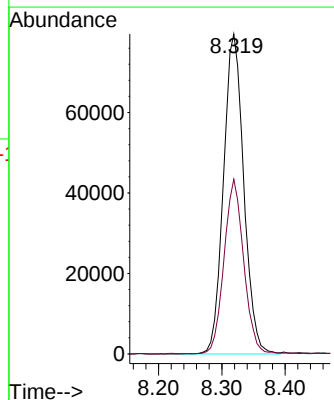
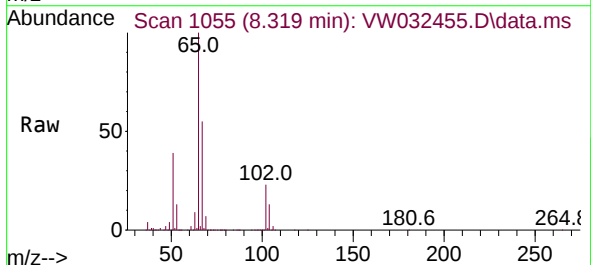
Instrument :
MSVOA_W
ClientSampleId :
VNJ-208

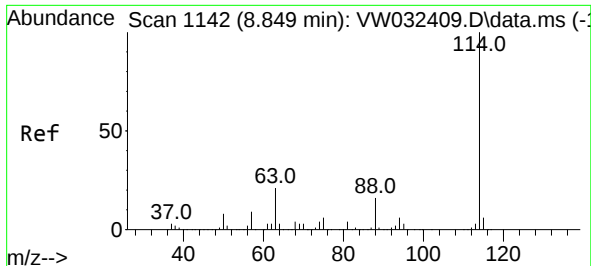
Tgt Ion:	84	Resp:	12856
Ion	Ratio	Lower	Upper
84	100		
49	120.0	101.5	152.3
51	31.5	30.6	46.0
86	57.3	51.9	77.9



#33
1,2-Dichloroethane-d4
Concen: 63.400 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032455.D
Acq: 17 Nov 2025 14:10

Tgt Ion:	65	Resp:	176995
Ion	Ratio	Lower	Upper
65	100		
67	52.8	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: VW032455.D

Acq: 17 Nov 2025 14:10

Instrument :

MSVOA_W

ClientSampleId :

VNJ-208

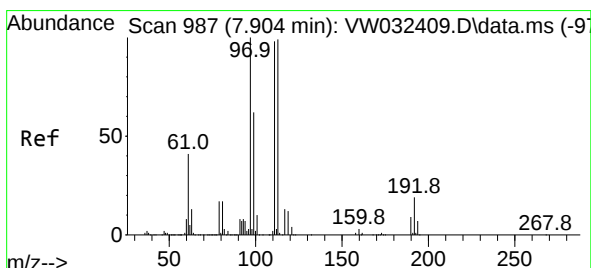
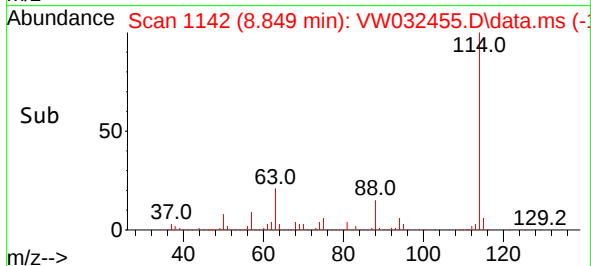
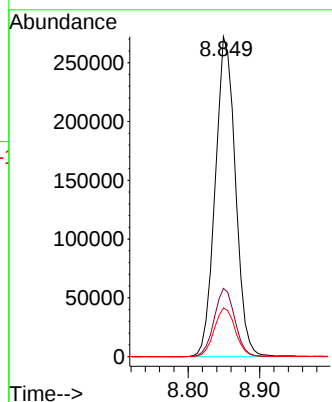
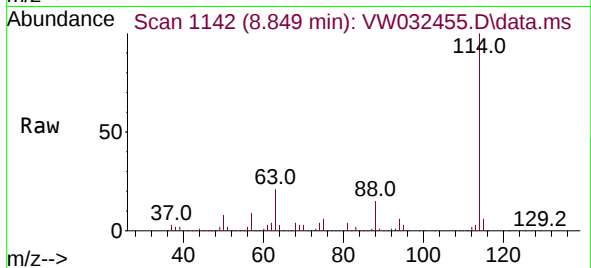
Tgt Ion:114 Resp: 534739

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.8

88 15.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.872 ug/l

RT: 7.898 min Scan# 986

Delta R.T. -0.006 min

Lab File: VW032455.D

Acq: 17 Nov 2025 14:10

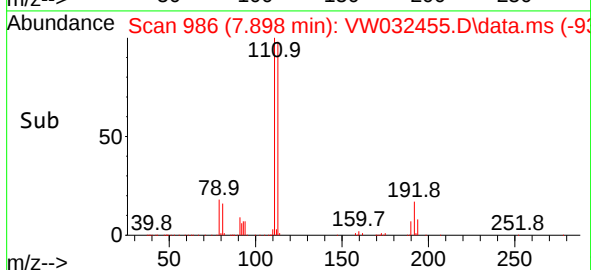
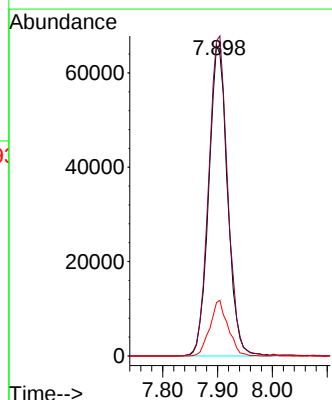
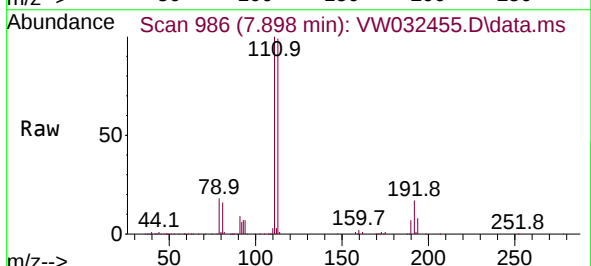
Tgt Ion:113 Resp: 156469

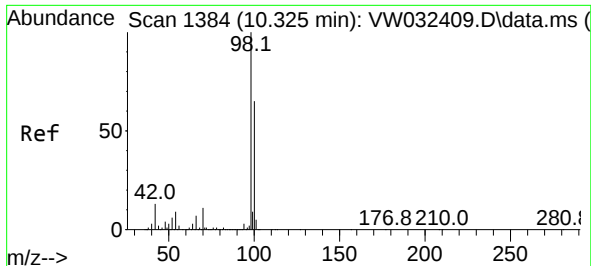
Ion Ratio Lower Upper

113 100

111 104.6 83.1 124.7

192 17.2 13.4 20.2

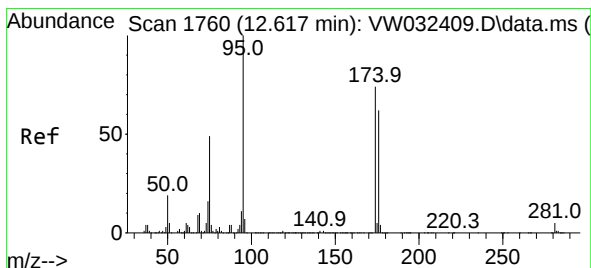
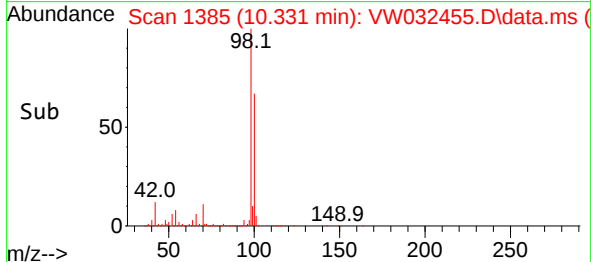
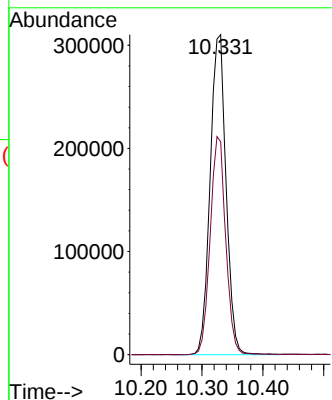
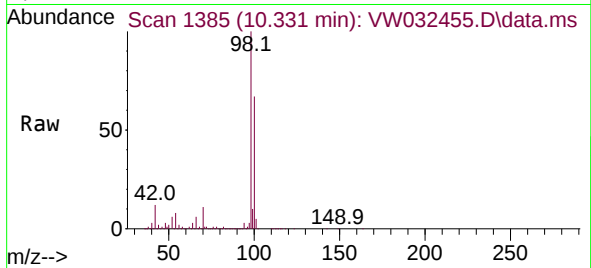




#50
Toluene-d8
Concen: 45.842 ug/l
RT: 10.331 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW032455.D
Acq: 17 Nov 2025 14:10

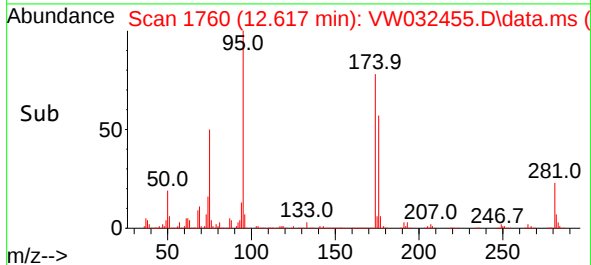
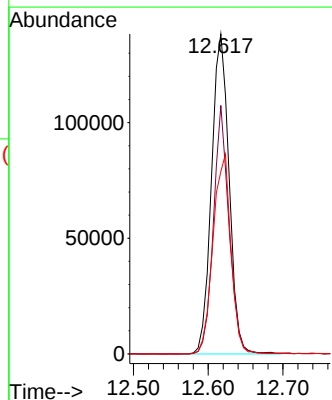
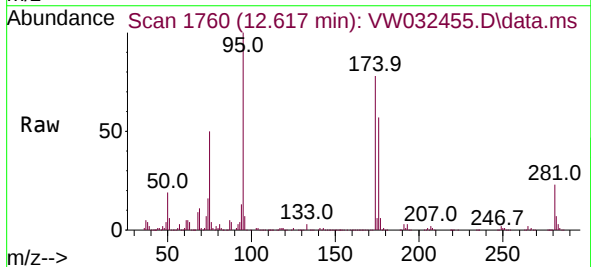
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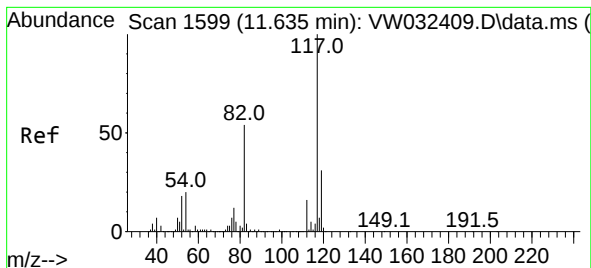
Tgt Ion: 98 Resp: 563046
Ion Ratio Lower Upper
98 100
100 66.5 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 48.673 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032455.D
Acq: 17 Nov 2025 14:10

Tgt Ion: 95 Resp: 225835
Ion Ratio Lower Upper
95 100
174 69.2 0.0 135.4
176 63.8 0.0 131.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.635 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032455.D

Acq: 17 Nov 2025 14:10

Instrument :

MSVOA_W

ClientSampleId :

VNJ-208

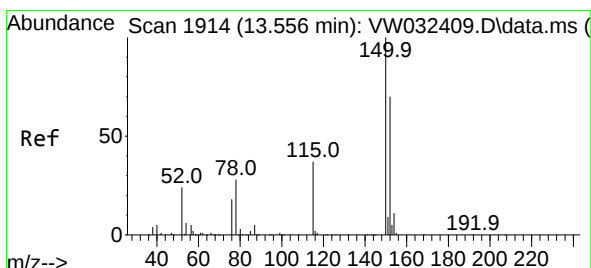
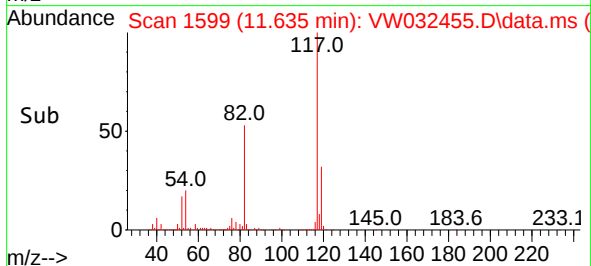
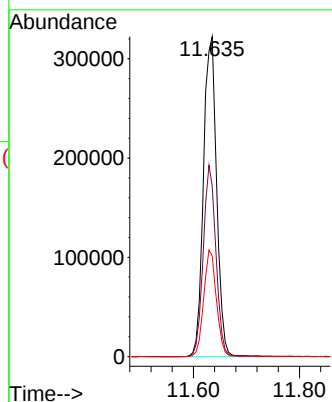
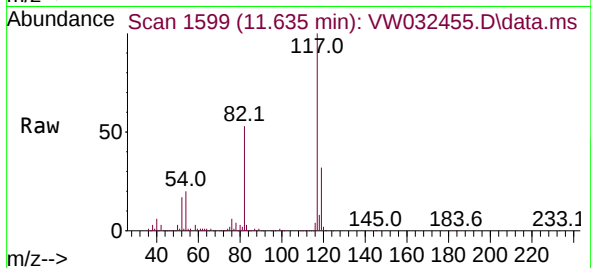
Tgt Ion:117 Resp: 554943

Ion Ratio Lower Upper

117 100

82 53.3 43.0 64.4

119 31.5 25.0 37.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.550 min Scan# 1913

Delta R.T. -0.006 min

Lab File: VW032455.D

Acq: 17 Nov 2025 14:10

Tgt Ion:152 Resp: 254362

Ion Ratio Lower Upper

152 100

115 65.8 32.8 98.3

150 167.1 0.0 356.6

