

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112125\
 Data File : VW032525.D
 Acq On : 21 Nov 2025 14:55
 Operator : SY/MD
 Sample : Q3699-03
 Misc : 6.37g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-06-112025

Quant Time: Nov 26 01:22:14 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)

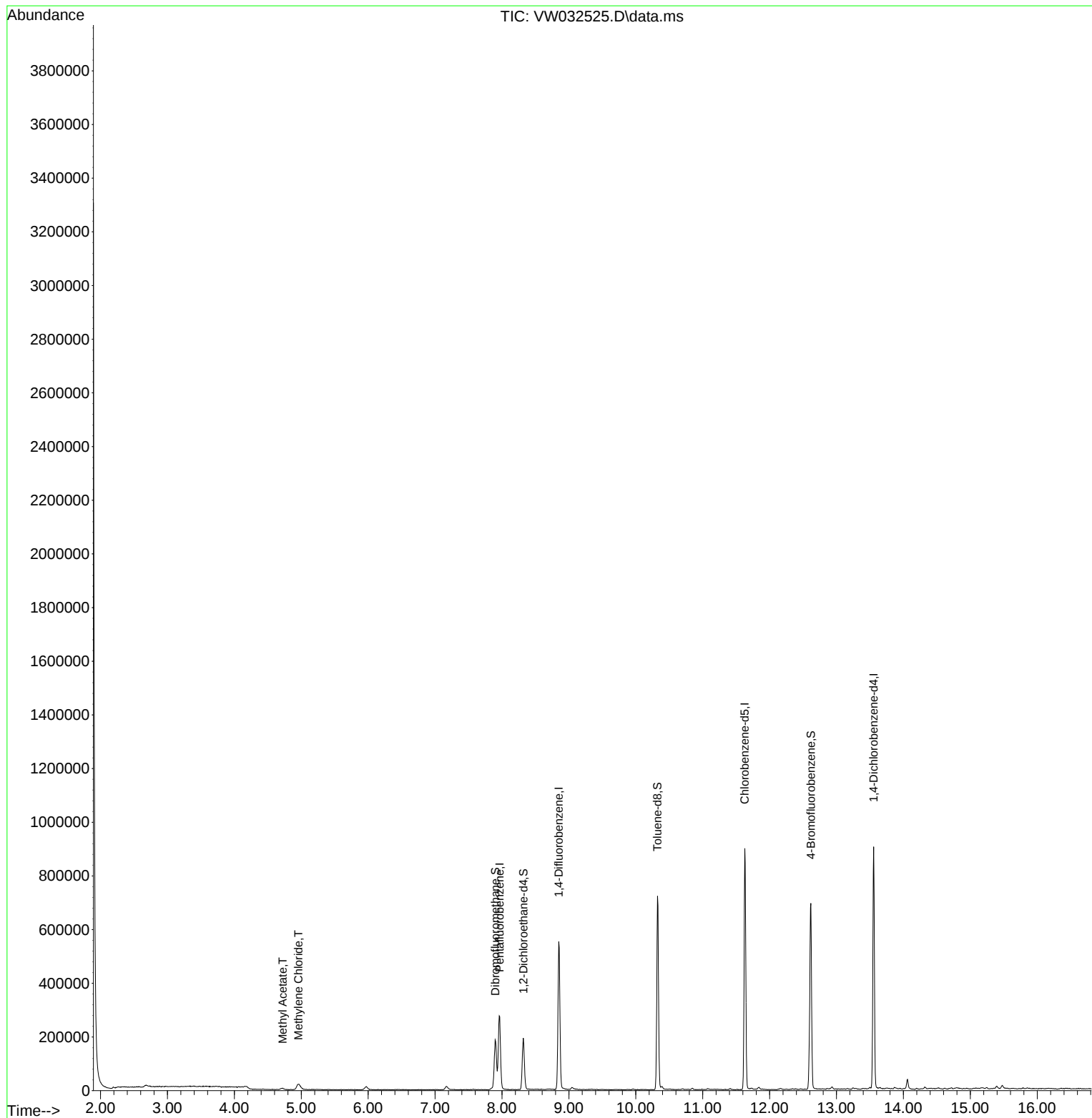
Internal Standards						
1) Pentafluorobenzene	7.965	168	195452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	466405	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	493150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	231367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	152129	60.372	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	120.740%
35) Dibromofluoromethane	7.898	113	138142	49.469	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	98.940%
50) Toluene-d8	10.325	98	468482	43.731	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	87.460%
62) 4-Bromofluorobenzene	12.617	95	221612	54.761	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	109.520%
Target Compounds						Qvalue
18) Methyl Acetate	4.722	43	11888	6.368	ug/l	98
20) Methylene Chloride	4.960	84	19538	7.247	ug/l	93

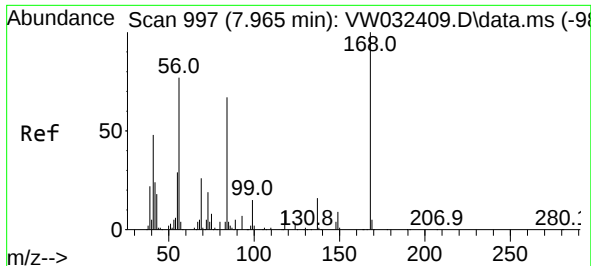
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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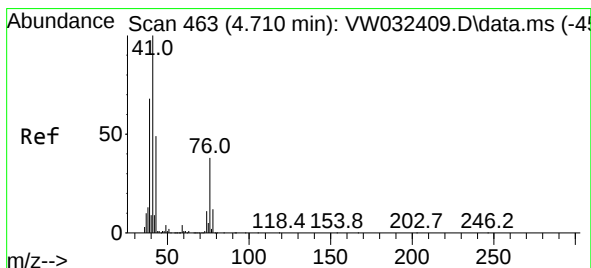
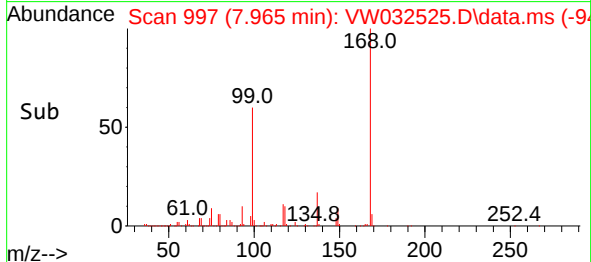
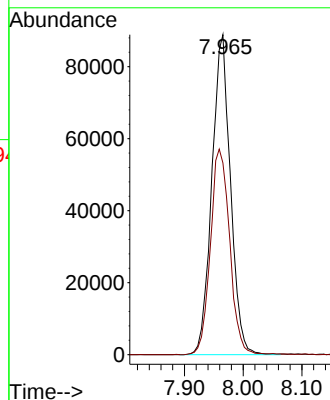
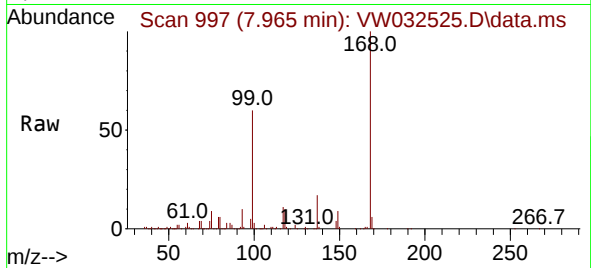




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032525.D
Acq: 21 Nov 2025 14:55

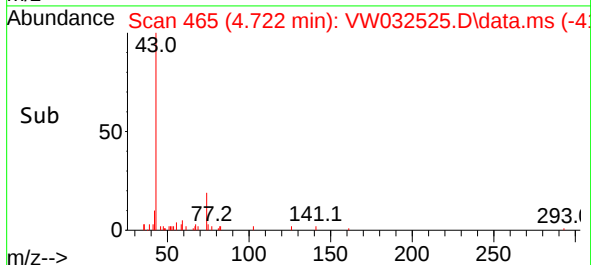
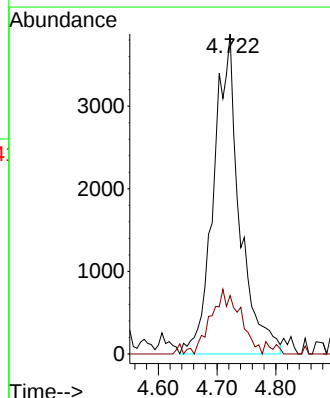
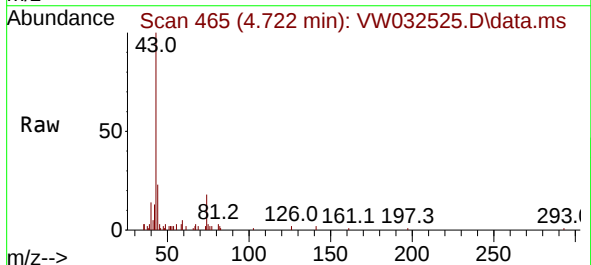
Instrument :
MSVOA_W
ClientSampleId :
TR-06-112025

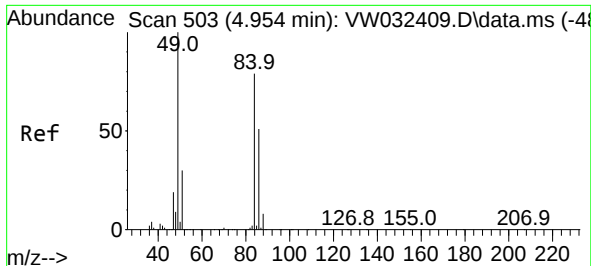
Tgt Ion:168 Resp: 195452
Ion Ratio Lower Upper
168 100
99 59.9 45.4 68.2



#18
Methyl Acetate
Concen: 6.368 ug/l
RT: 4.722 min Scan# 465
Delta R.T. 0.012 min
Lab File: VW032525.D
Acq: 21 Nov 2025 14:55

Tgt Ion: 43 Resp: 11888
Ion Ratio Lower Upper
43 100
74 22.5 18.9 28.3

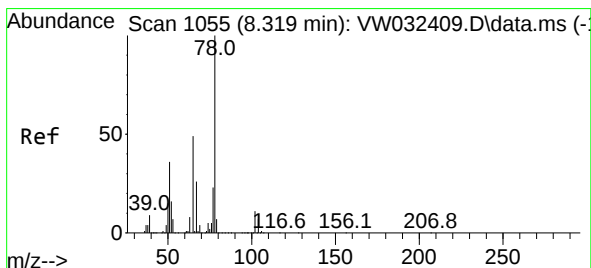
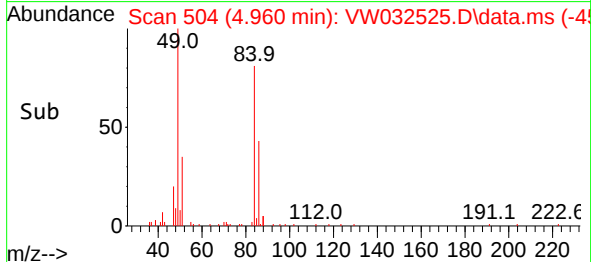
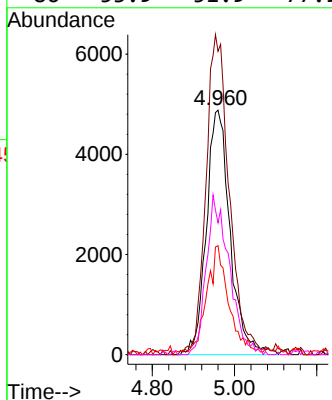
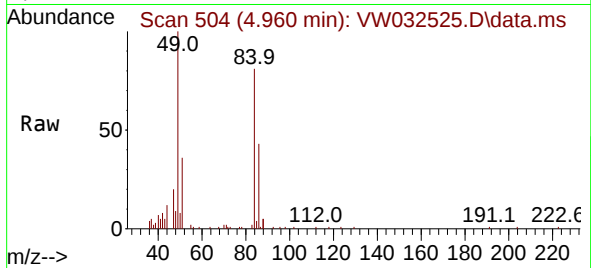




#20
Methylene Chloride
Concen: 7.247 ug/l
RT: 4.960 min Scan# 503
Delta R.T. 0.006 min
Lab File: VW032525.D
Acq: 21 Nov 2025 14:55

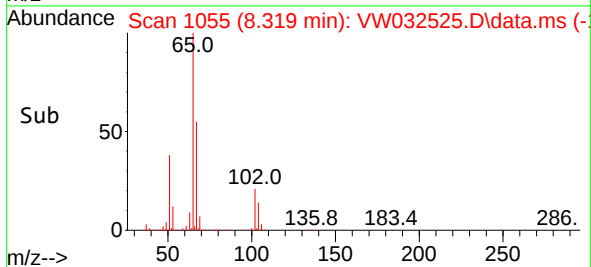
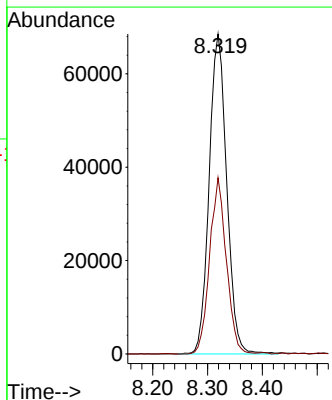
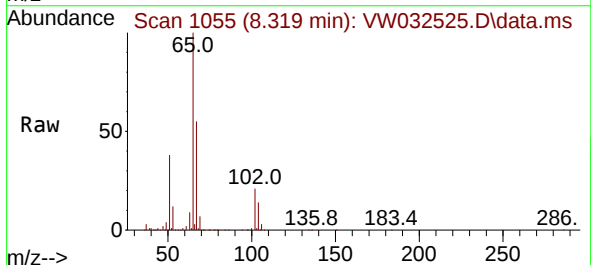
Instrument :
MSVOA_W
ClientSampleId :
TR-06-112025

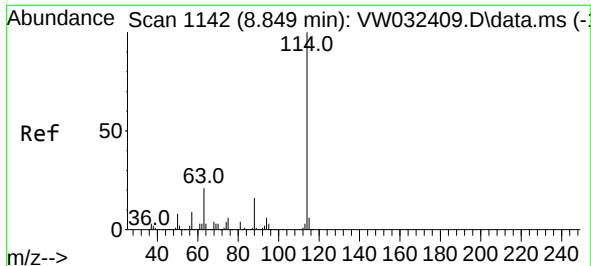
Tgt Ion:	84	Resp:	19538
Ion	Ratio	Lower	Upper
84	100		
49	124.1	101.5	152.3
51	43.4	30.6	46.0
86	53.9	51.9	77.9



#33
1,2-Dichloroethane-d4
Concen: 60.372 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032525.D
Acq: 21 Nov 2025 14:55

Tgt Ion:	65	Resp:	152129
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	106.8

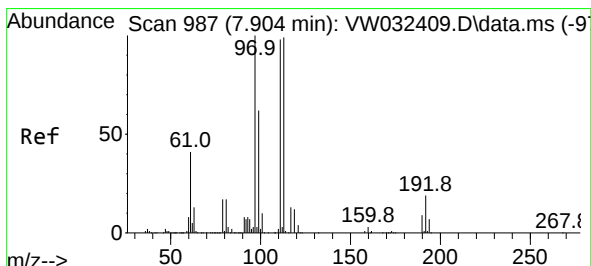
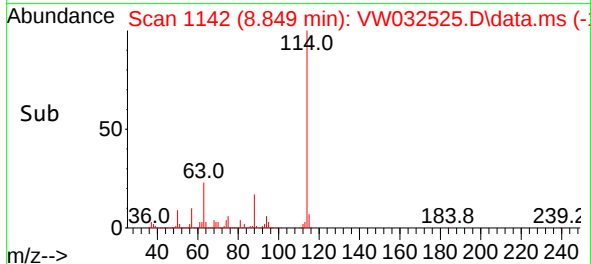
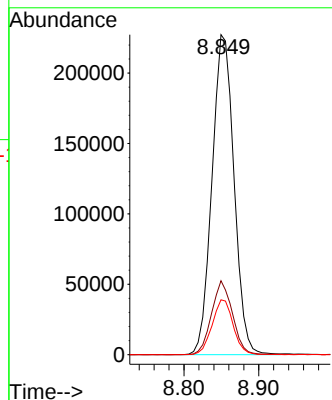
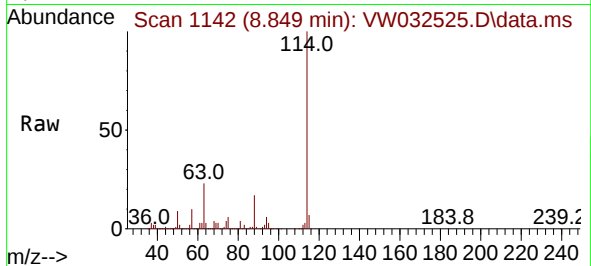




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW032525.D
Acq: 21 Nov 2025 14:55

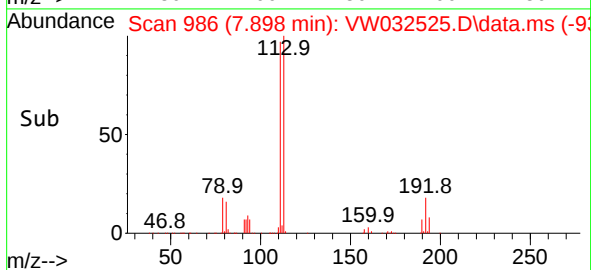
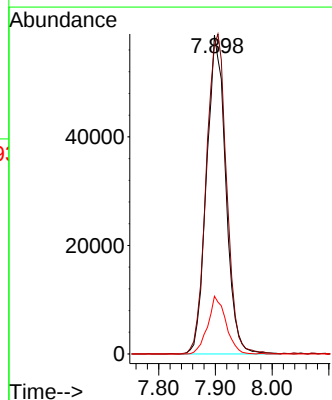
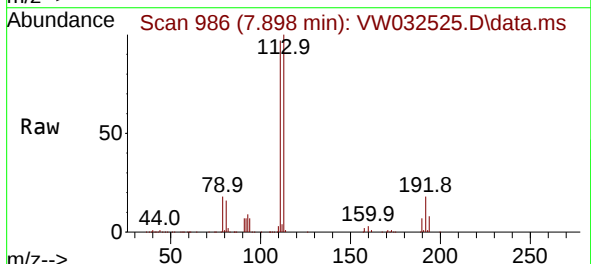
Instrument :
MSVOA_W
ClientSampleId :
TR-06-112025

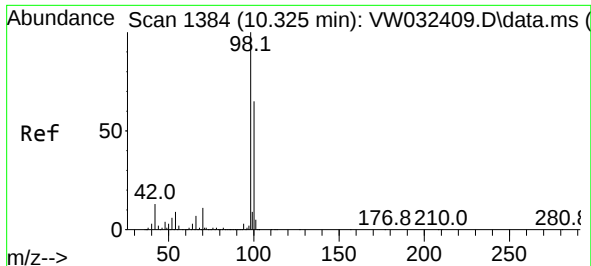
Tgt Ion:114 Resp: 466405
Ion Ratio Lower Upper
114 100
63 23.0 0.0 41.8
88 17.2 0.0 32.6



#35
Dibromofluoromethane
Concen: 49.469 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032525.D
Acq: 21 Nov 2025 14:55

Tgt Ion:113 Resp: 138142
Ion Ratio Lower Upper
113 100
111 106.0 83.1 124.7
192 17.1 13.4 20.2

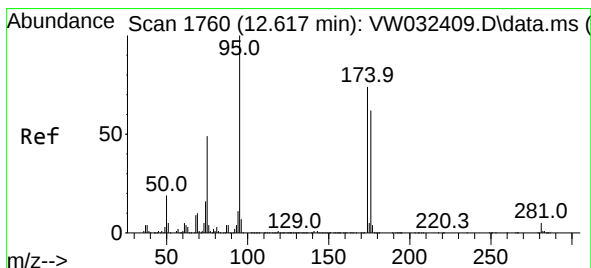
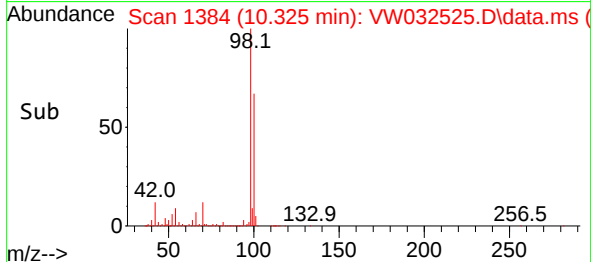
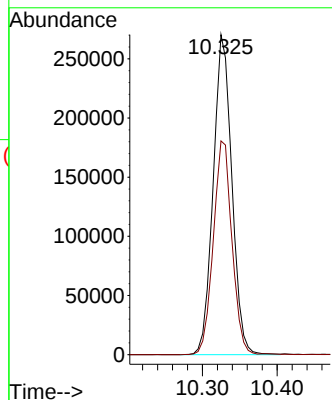
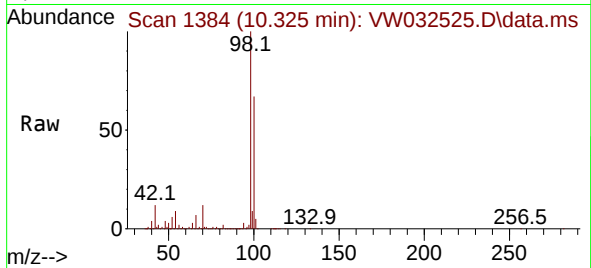




#50
Toluene-d8
Concen: 43.731 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032525.D
Acq: 21 Nov 2025 14:55

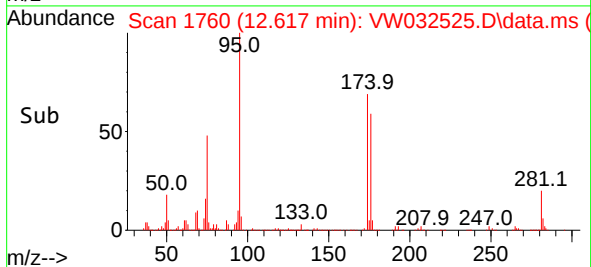
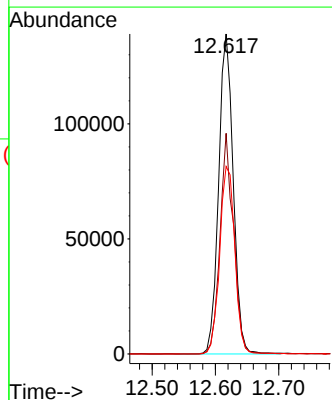
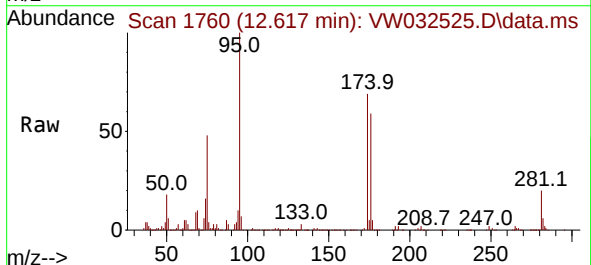
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MSVOA_W
ClientSampleId :
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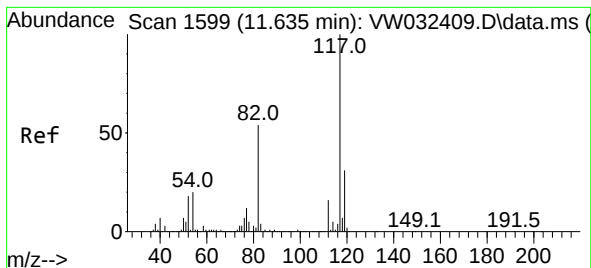
Tgt Ion: 98 Resp: 468482
Ion Ratio Lower Upper
98 100
100 66.9 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 54.761 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032525.D
Acq: 21 Nov 2025 14:55

Tgt Ion: 95 Resp: 221612
Ion Ratio Lower Upper
95 100
174 64.3 0.0 135.4
176 61.0 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: VW032525.D

Acq: 21 Nov 2025 14:55

Instrument :

MSVOA_W

ClientSampleId :

TR-06-112025

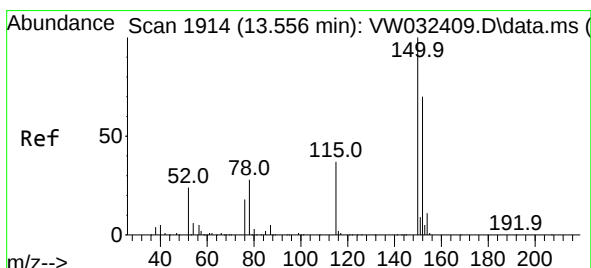
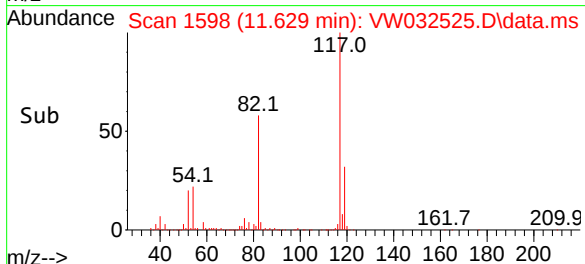
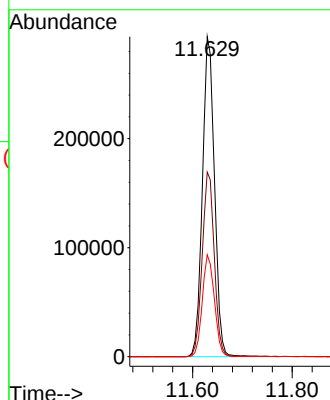
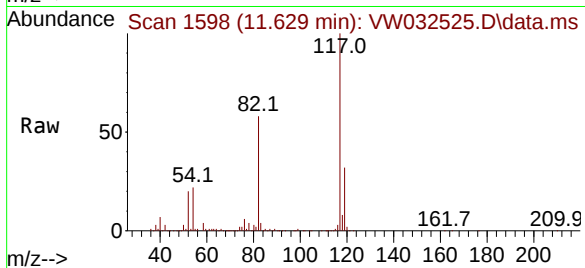
Tgt Ion:117 Resp: 493150

Ion Ratio Lower Upper

117 100

82 57.7 43.0 64.4

119 31.8 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: VW032525.D

Acq: 21 Nov 2025 14:55

Tgt Ion:152 Resp: 231367

Ion Ratio Lower Upper

152 100

115 62.1 32.8 98.3

150 152.5 0.0 356.6

