

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
 Data File : VW032503.D
 Acq On : 19 Nov 2025 15:26
 Operator : SY/MD
 Sample : Q3619-03
 Misc : 5.65g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GP-B1(8-12)

Quant Time: Nov 20 01:19:59 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)

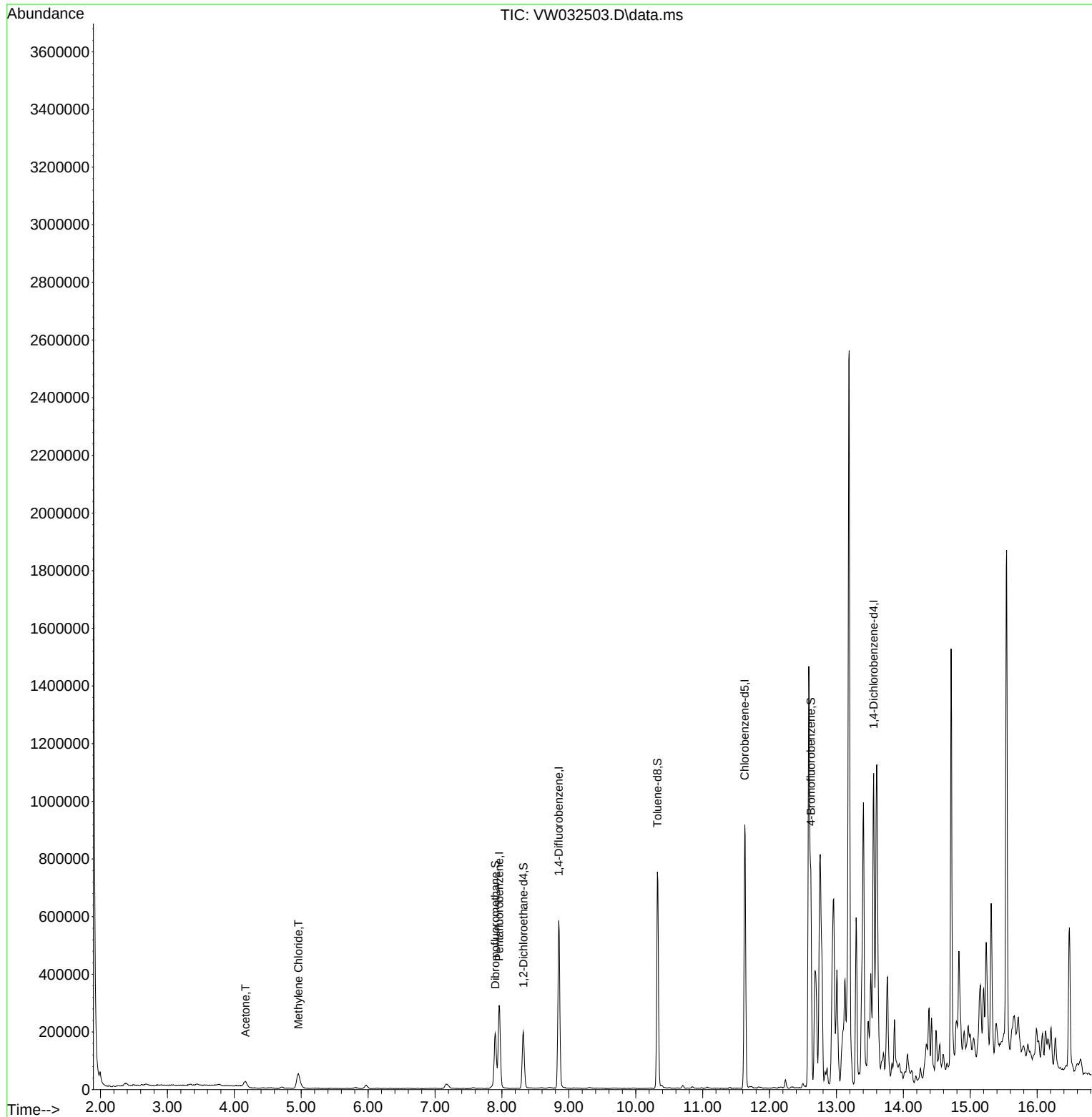
Internal Standards						
1) Pentafluorobenzene	7.959	168	207862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	484285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	495149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	228506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	154596	57.689	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	115.380%	
35) Dibromofluoromethane	7.898	113	141993	48.971	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	97.940%	
50) Toluene-d8	10.325	98	488966	43.958	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	87.920%	
62) 4-Bromofluorobenzene	12.617	95	238533	56.766	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	113.540%	
Target Compounds						Qvalue
16) Acetone	4.167	43	29376	36.640	ug/l	99
20) Methylene Chloride	4.960	84	46122	16.086	ug/l	89

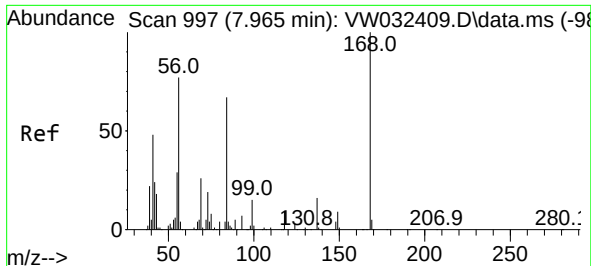
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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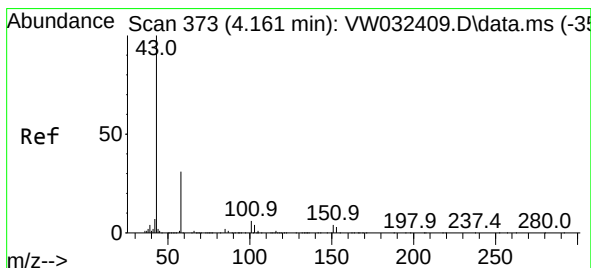
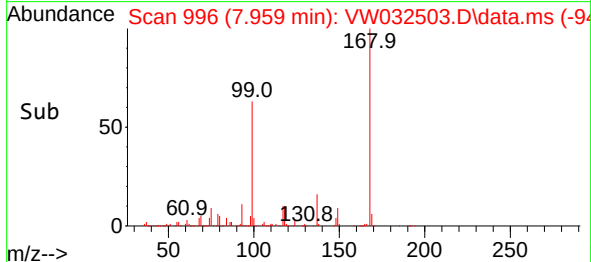
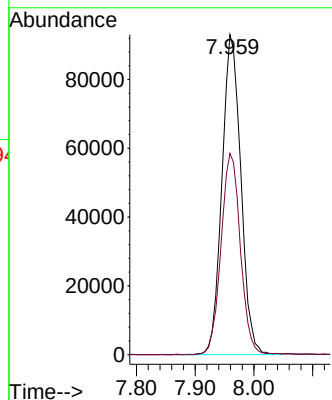
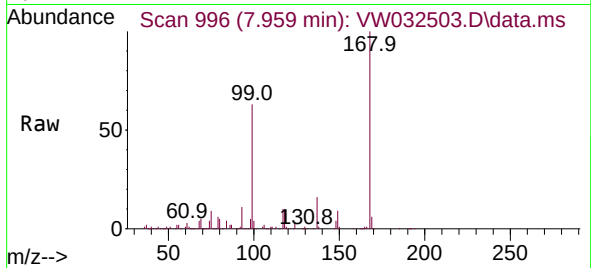




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032503.D
Acq: 19 Nov 2025 15:26

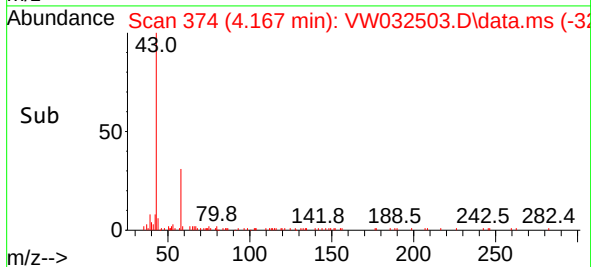
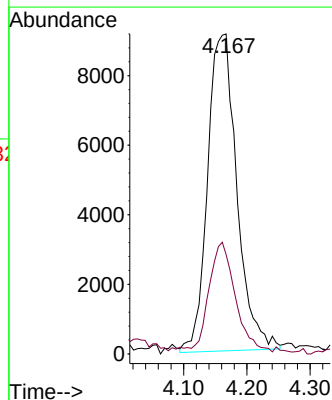
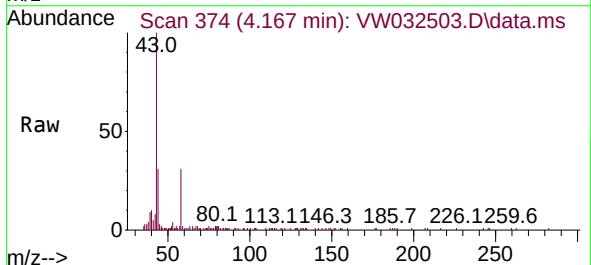
Instrument :
MSVOA_W
ClientSampleId :
GP-B1(8-12)

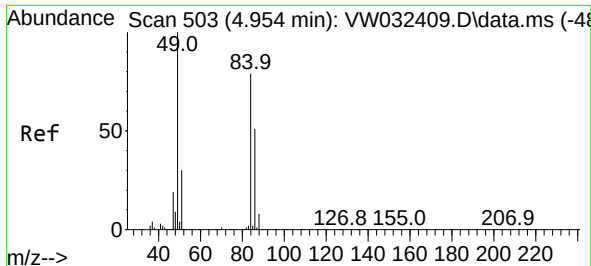
Tgt Ion:168 Resp: 207862
Ion Ratio Lower Upper
168 100
99 62.8 45.4 68.2



#16
Acetone
Concen: 36.640 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032503.D
Acq: 19 Nov 2025 15:26

Tgt Ion: 43 Resp: 29376
Ion Ratio Lower Upper
43 100
58 30.4 24.8 37.2

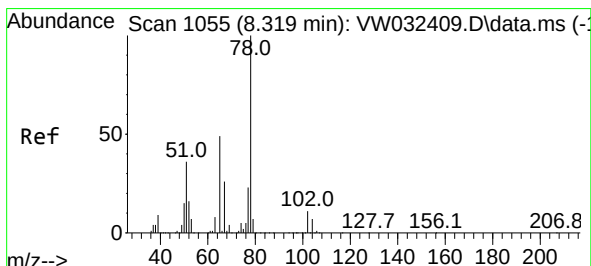
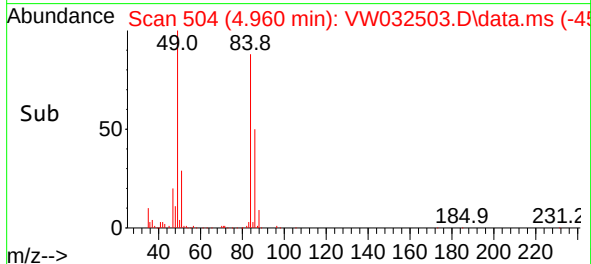
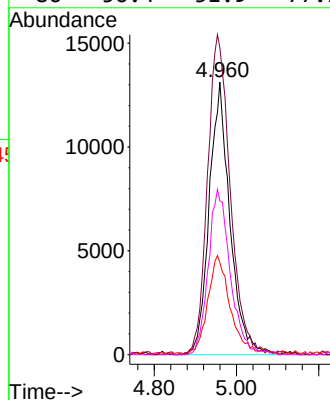
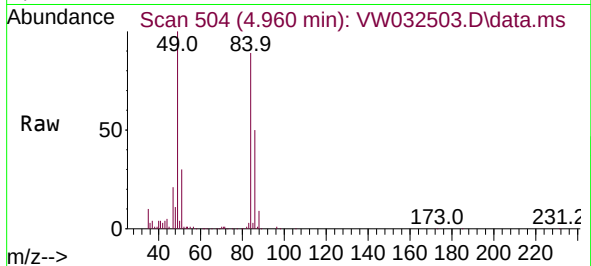




#20
Methylene Chloride
Concen: 16.086 ug/l
RT: 4.960 min Scan# 50
Delta R.T. 0.006 min
Lab File: VW032503.D
Acq: 19 Nov 2025 15:26

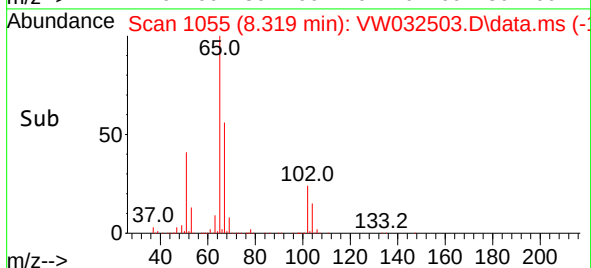
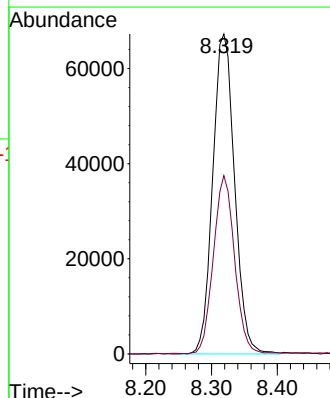
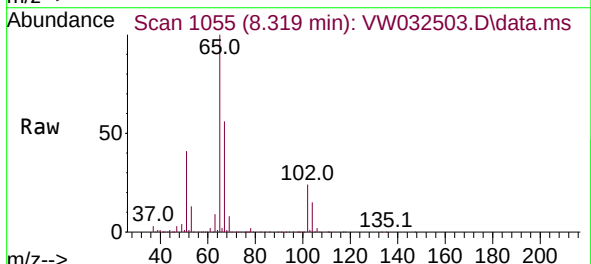
Instrument :
MSVOA_W
ClientSampleId :
GP-B1(8-12)

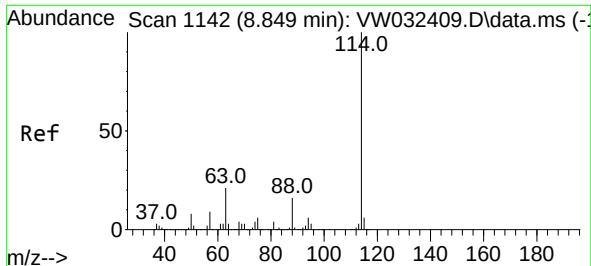
Tgt Ion:	84	Resp:	46122
Ion	Ratio	Lower	Upper
84	100		
49	112.2	101.5	152.3
51	33.8	30.6	46.0
86	56.4	51.9	77.9



#33
1,2-Dichloroethane-d4
Concen: 57.689 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032503.D
Acq: 19 Nov 2025 15:26

Tgt Ion:	65	Resp:	154596
Ion	Ratio	Lower	Upper
65	100		
67	53.9	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: VW032503.D

Acq: 19 Nov 2025 15:26

Instrument :

MSVOA_W

ClientSampleId :

GP-B1(8-12)

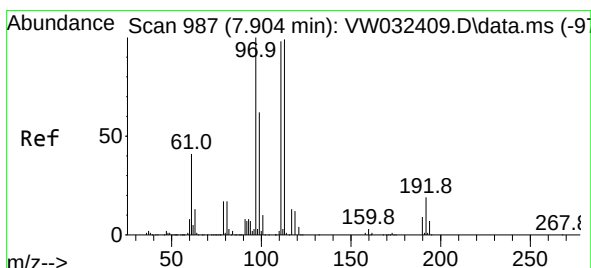
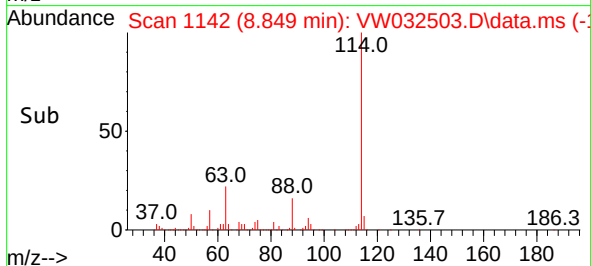
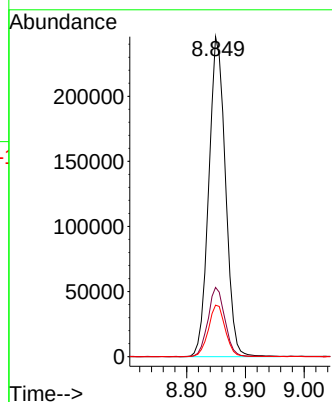
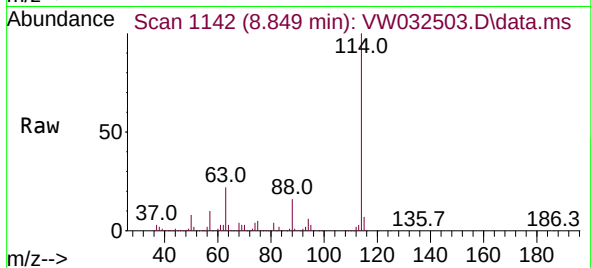
Tgt Ion:114 Resp: 484285

Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.8

88 16.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.971 ug/l

RT: 7.898 min Scan# 986

Delta R.T. -0.006 min

Lab File: VW032503.D

Acq: 19 Nov 2025 15:26

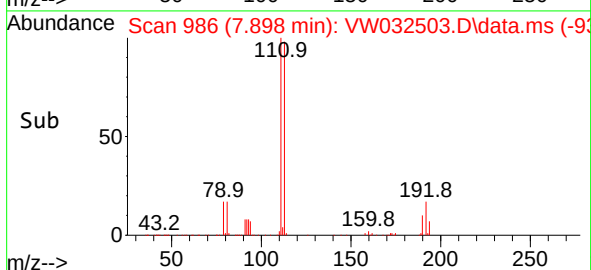
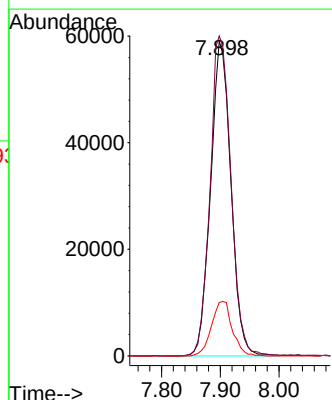
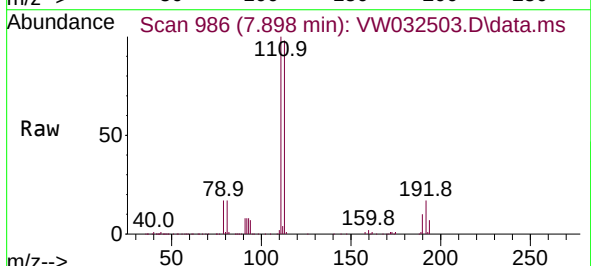
Tgt Ion:113 Resp: 141993

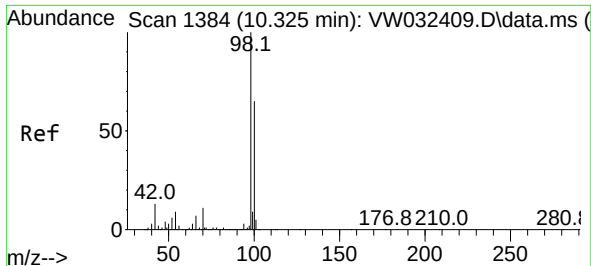
Ion Ratio Lower Upper

113 100

111 104.7 83.1 124.7

192 17.6 13.4 20.2

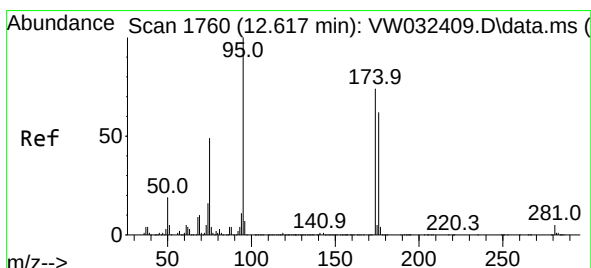
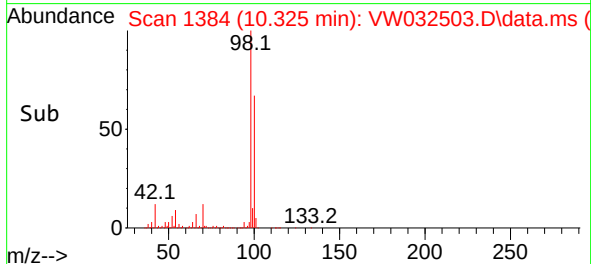
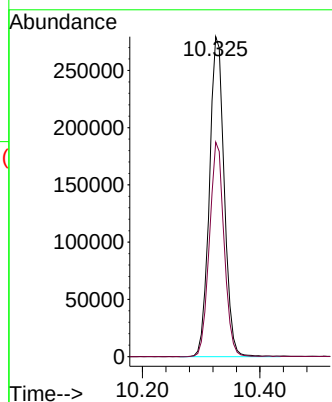
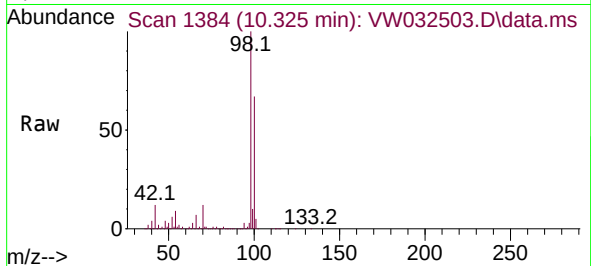




#50
Toluene-d8
Concen: 43.958 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032503.D
Acq: 19 Nov 2025 15:26

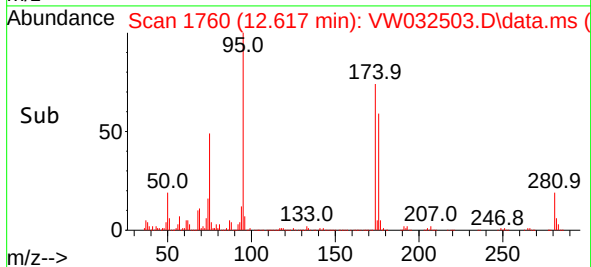
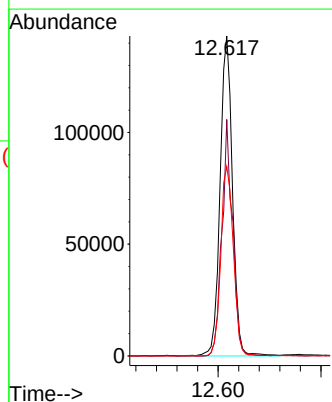
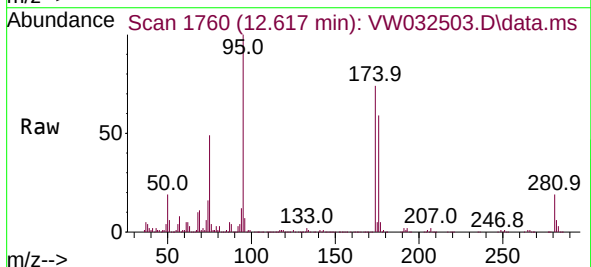
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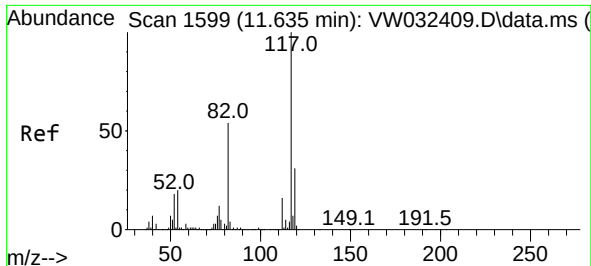
Tgt Ion: 98 Resp: 488966
Ion Ratio Lower Upper
98 100
100 66.4 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 56.766 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032503.D
Acq: 19 Nov 2025 15:26

Tgt Ion: 95 Resp: 238533
Ion Ratio Lower Upper
95 100
174 64.2 0.0 135.4
176 60.4 0.0 131.8

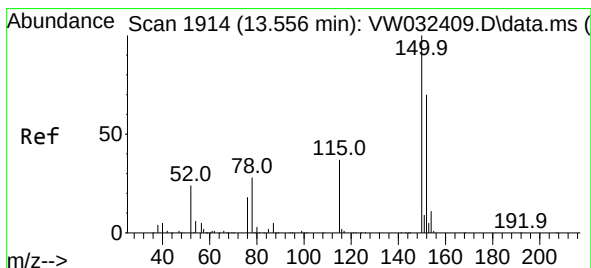
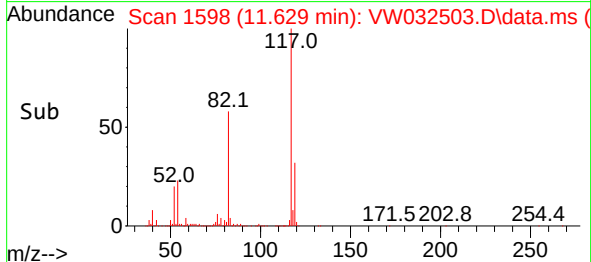
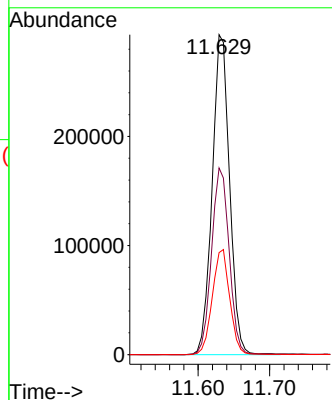
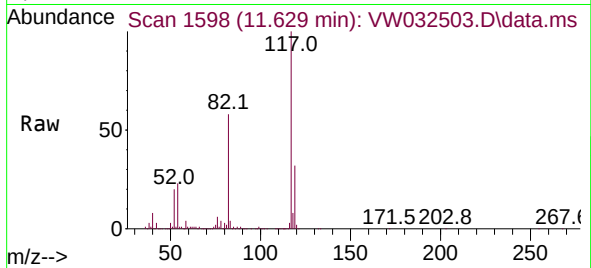




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032503.D
Acq: 19 Nov 2025 15:26

Instrument :
MSVOA_W
ClientSampleId :
GP-B1(8-12)

Tgt Ion:117 Resp: 495149
Ion Ratio Lower Upper
117 100
82 58.3 43.0 64.4
119 31.9 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: VW032503.D
Acq: 19 Nov 2025 15:26

Tgt Ion:152 Resp: 228506
Ion Ratio Lower Upper
152 100
115 65.5 32.8 98.3
150 154.0 0.0 356.6

