

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
 Data File : VW032456.D
 Acq On : 17 Nov 2025 14:33
 Operator : SY/MD
 Sample : Q3633-01
 Misc : 5.14g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETGI-369

Quant Time: Nov 18 03:04:56 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)

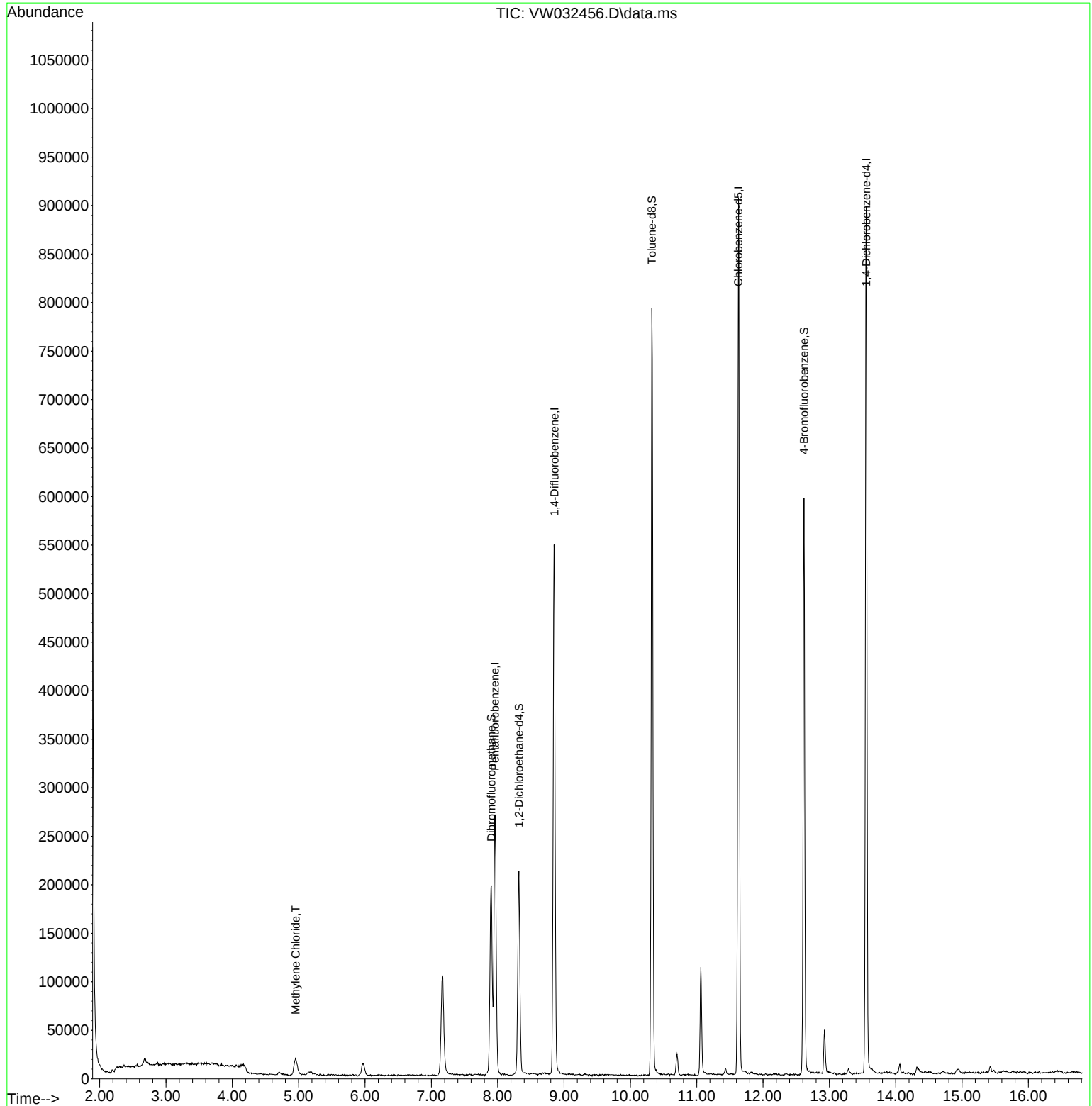
Internal Standards						
1) Pentafluorobenzene	7.959	168	192738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	459125	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	492831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	234135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	164596	66.240	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	132.480%	
35) Dibromofluoromethane	7.904	113	147884	53.798	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	107.600%	
50) Toluene-d8	10.325	98	521048	49.409	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	98.820%	
62) 4-Bromofluorobenzene	12.617	95	209467	52.581	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	105.160%	
Target Compounds						
20) Methylene Chloride	4.954	84	14456	5.437	ug/l	Qvalue 90

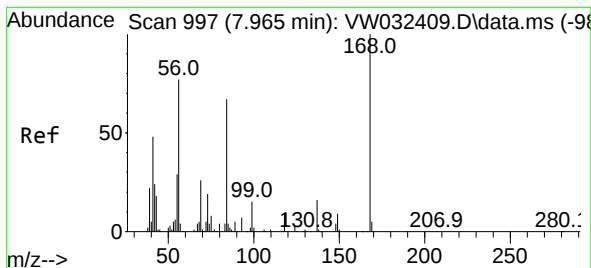
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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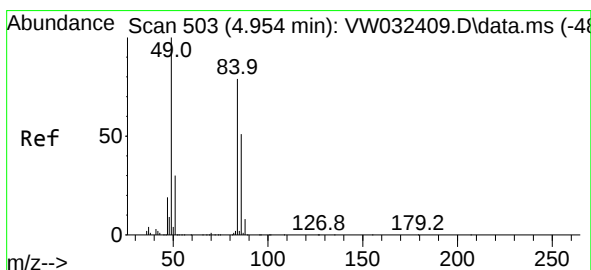
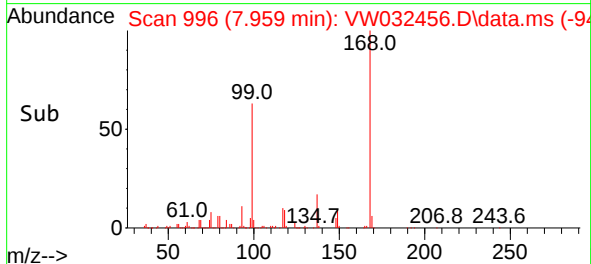
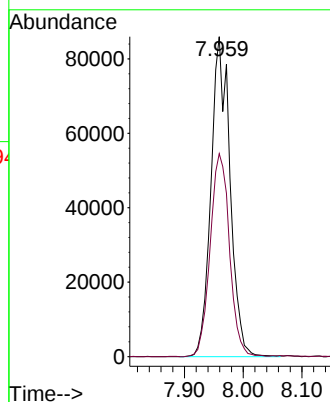
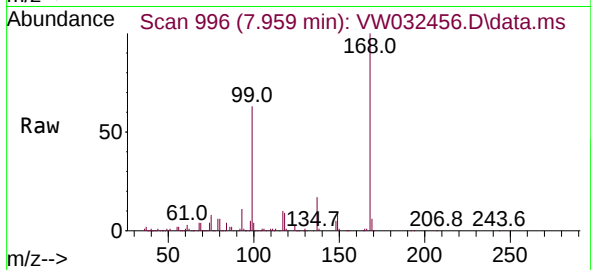




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032456.D
Acq: 17 Nov 2025 14:33

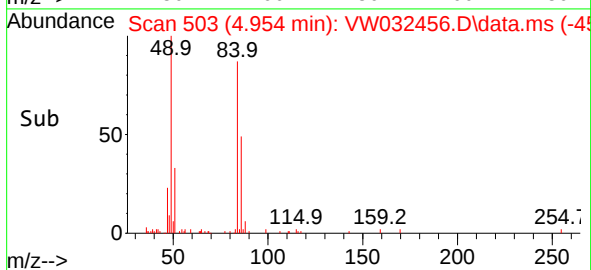
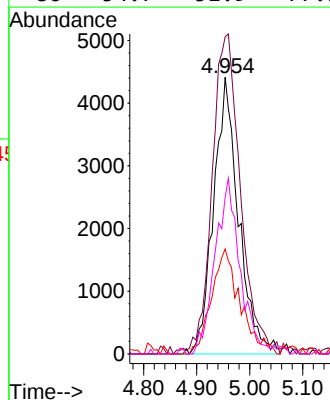
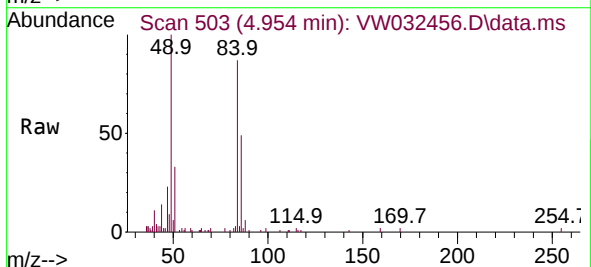
Instrument :
MSVOA_W
ClientSampleId :
ETGI-369

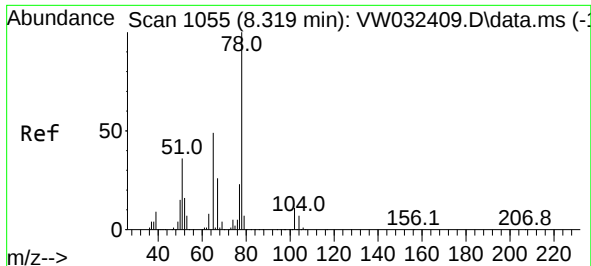
Tgt Ion:168 Resp: 192738
Ion Ratio Lower Upper
168 100
99 63.4 45.4 68.2



#20
Methylene Chloride
Concen: 5.437 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW032456.D
Acq: 17 Nov 2025 14:33

Tgt Ion: 84 Resp: 14456
Ion Ratio Lower Upper
84 100
49 114.7 101.5 152.3
51 37.9 30.6 46.0
86 54.7 51.9 77.9

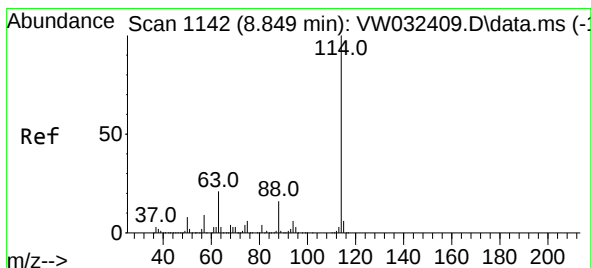
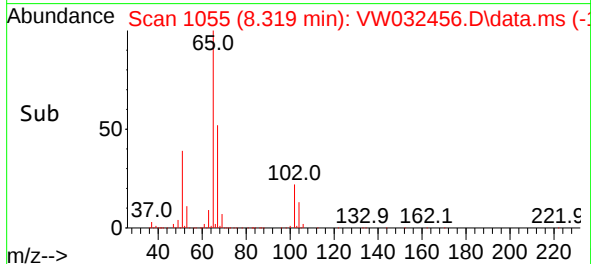
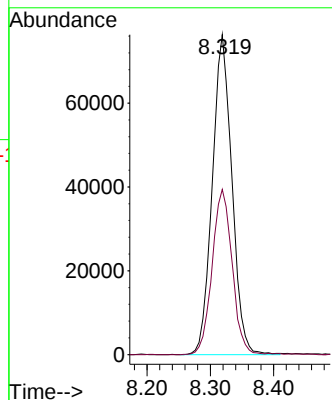
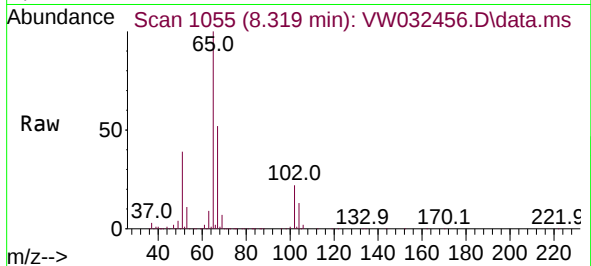




#33
 1,2-Dichloroethane-d4
 Concen: 66.240 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032456.D
 Acq: 17 Nov 2025 14:33

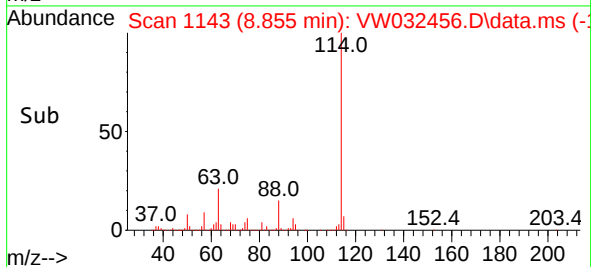
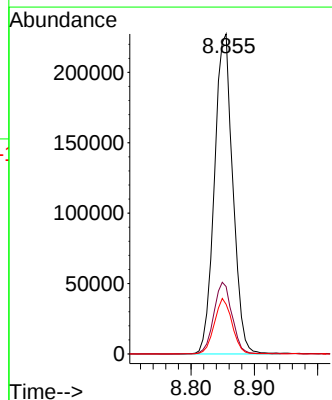
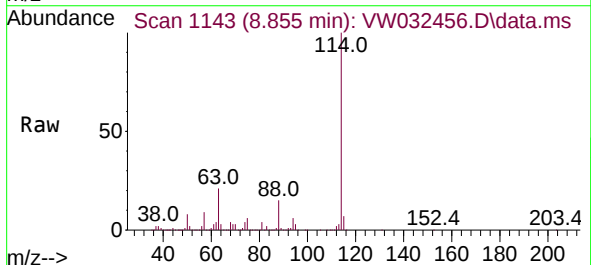
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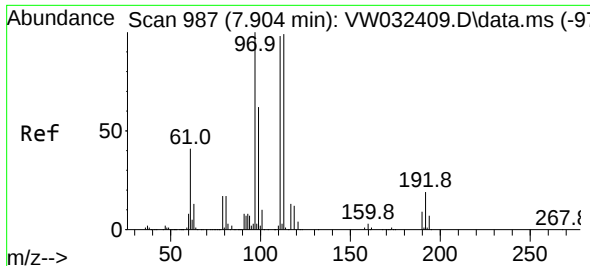
Tgt Ion: 65 Resp: 164596
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW032456.D
 Acq: 17 Nov 2025 14:33

Tgt Ion: 114 Resp: 459125
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.8
 88 15.5 0.0 32.6

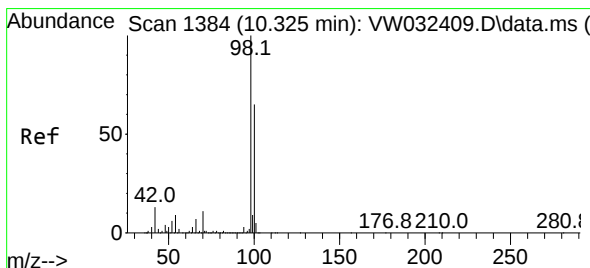
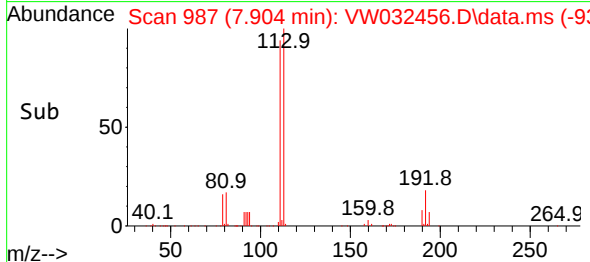
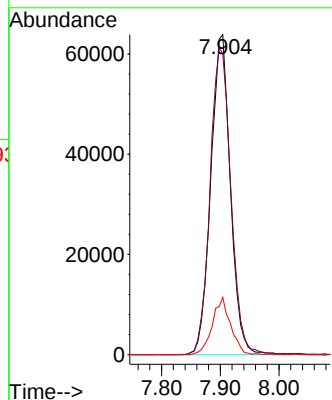
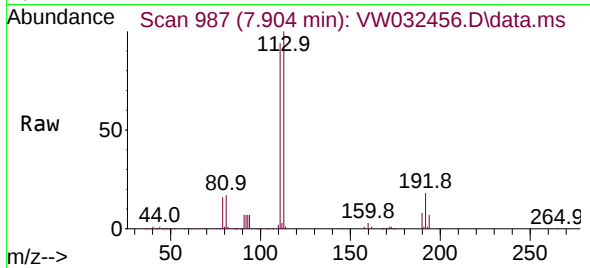




#35
 Dibromofluoromethane
 Concen: 53.798 ug/l
 RT: 7.904 min Scan# 987
 Delta R.T. -0.000 min
 Lab File: VW032456.D
 Acq: 17 Nov 2025 14:33

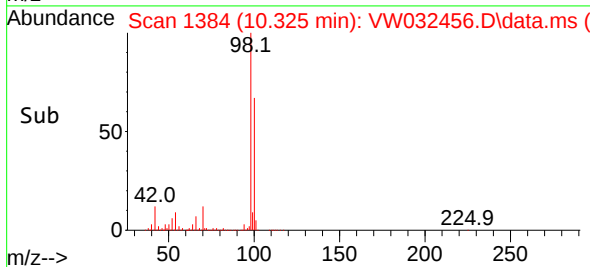
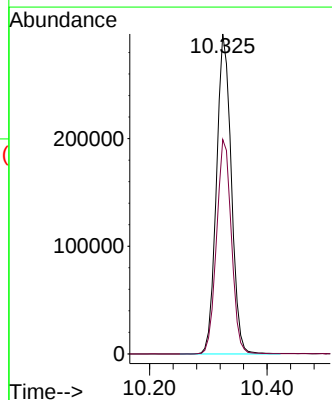
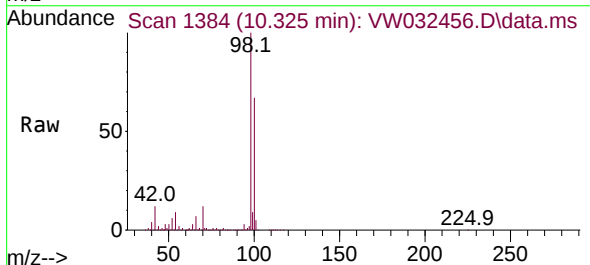
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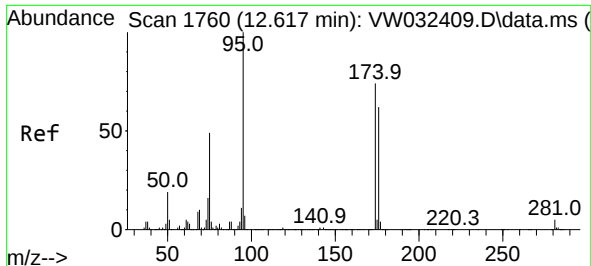
Tgt Ion:113 Resp: 147884
 Ion Ratio Lower Upper
 113 100
 111 101.7 83.1 124.7
 192 16.6 13.4 20.2



#50
 Toluene-d8
 Concen: 49.409 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. -0.000 min
 Lab File: VW032456.D
 Acq: 17 Nov 2025 14:33

Tgt Ion: 98 Resp: 521048
 Ion Ratio Lower Upper
 98 100
 100 67.1 53.3 79.9

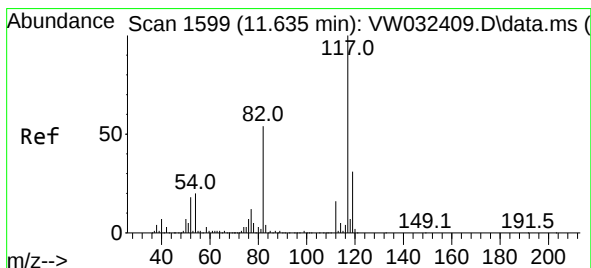
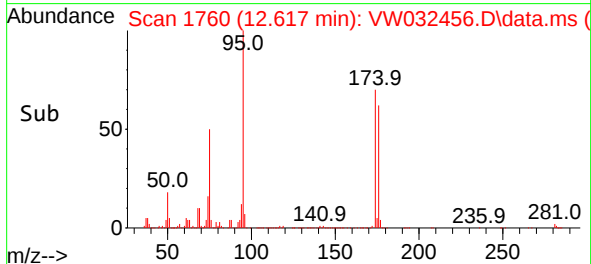
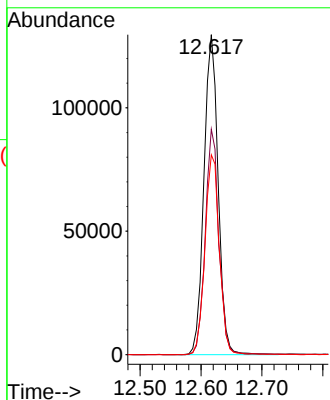
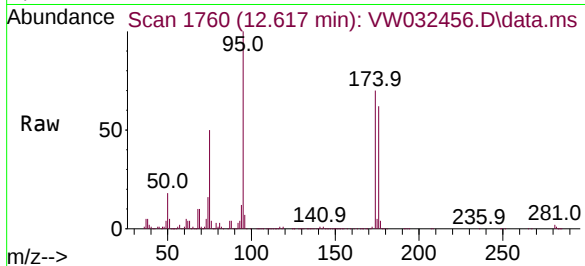




#62
4-Bromofluorobenzene
Concen: 52.581 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032456.D
Acq: 17 Nov 2025 14:33

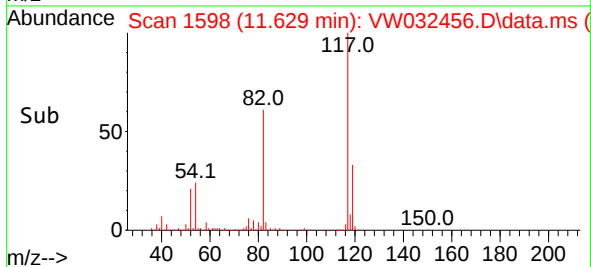
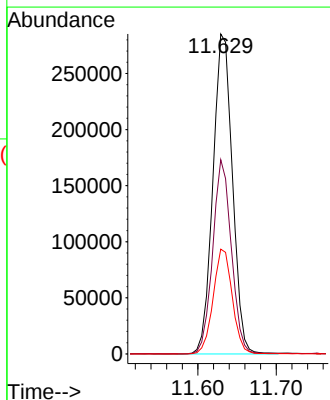
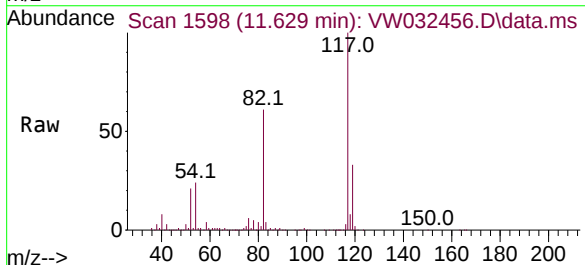
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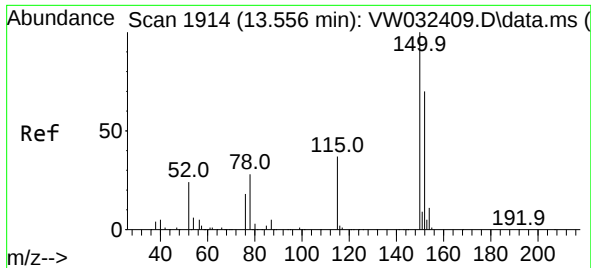
Tgt Ion: 95 Resp: 209467
Ion Ratio Lower Upper
95 100
174 67.7 0.0 135.4
176 63.4 0.0 131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW032456.D
Acq: 17 Nov 2025 14:33

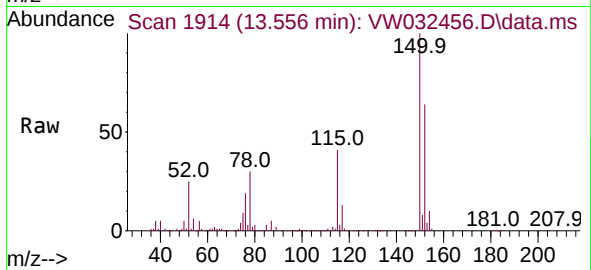
Tgt Ion: 117 Resp: 492831
Ion Ratio Lower Upper
117 100
82 60.6 43.0 64.4
119 32.7 25.0 37.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032456.D
 Acq: 17 Nov 2025 14:33

Instrument :
 MSVOA_W
 ClientSampleId :
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Tgt Ion:	152	Resp:	234135
Ion Ratio	Lower	Upper	
152	100		
115	63.6	32.8	98.3
150	157.6	0.0	356.6

