

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
 Data File : VW032286.D
 Acq On : 26 Sep 2025 17:20
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Sep 29 08:42:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 2025
 Response via : Initial Calibration

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

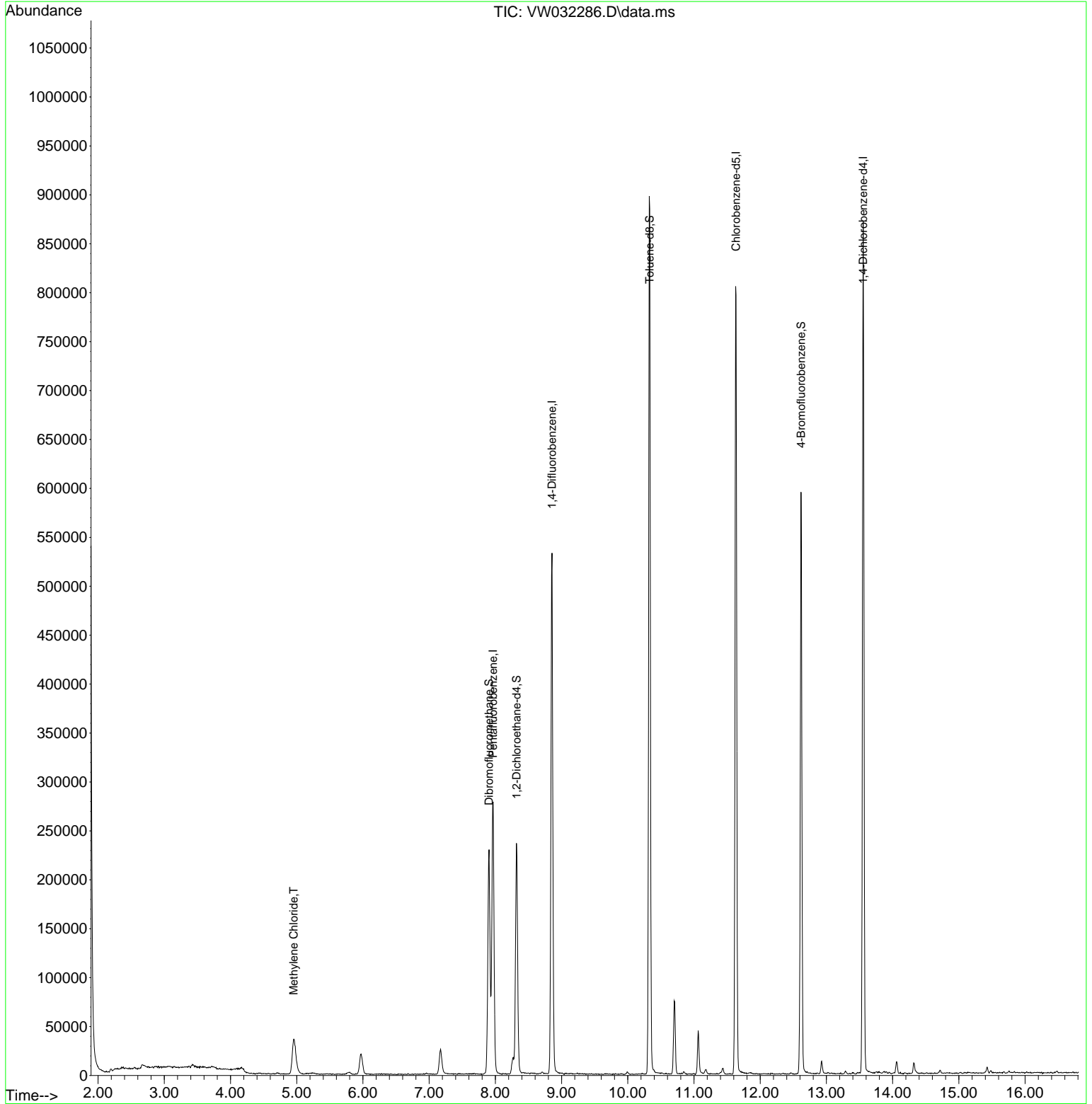
Internal Standards						
1) Pentafluorobenzene	7.965	168	187935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	431284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	458079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	222694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	190562	64.217	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	128.440%	
35) Dibromofluoromethane	7.904	113	165967	53.509	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	107.020%	
50) Toluene-d8	10.331	98	594734	53.204	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	106.400%	
62) 4-Bromofluorobenzene	12.617	95	204586	48.520	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	97.040%	
Target Compounds						
20) Methylene Chloride	4.954	84	34044	5.679	ug/l	97

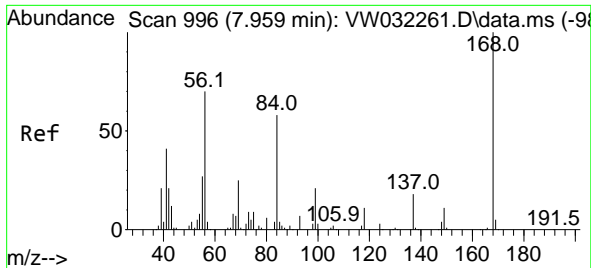
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
 Data File : VW032286.D
 Acq On : 26 Sep 2025 17:20
 Operator : SY/MD
 Sample : VI BLK
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VI BLK

Quant Time: Sep 29 08:42:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
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 QLast Update : Fri Sep 26 07:11:42 2025
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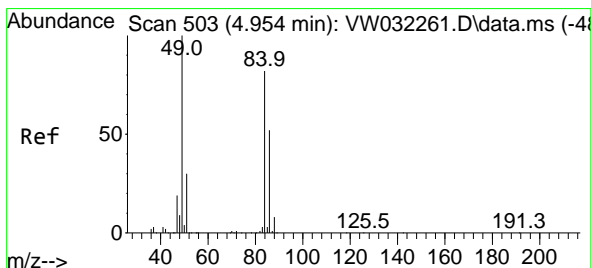
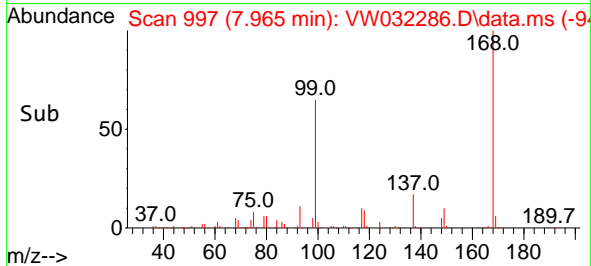
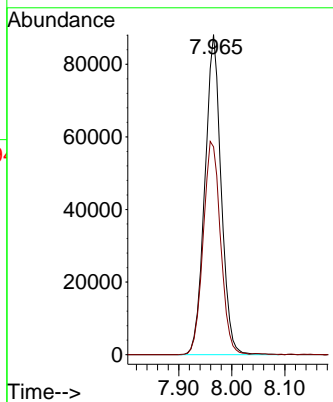
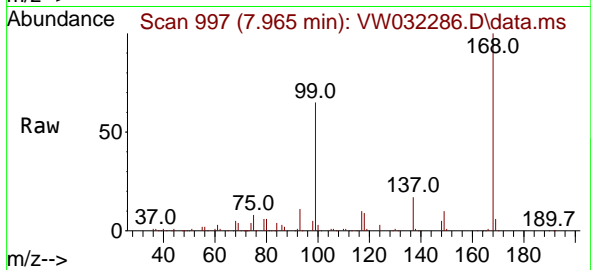




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.965 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VW032286.D
 Acq: 26 Sep 2025 17:20

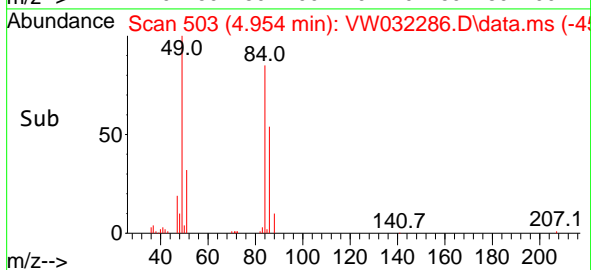
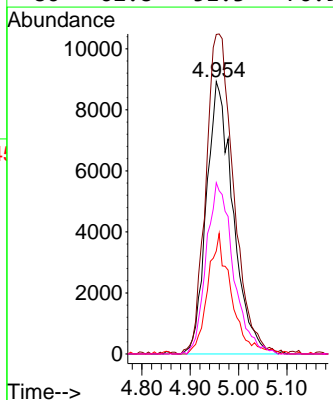
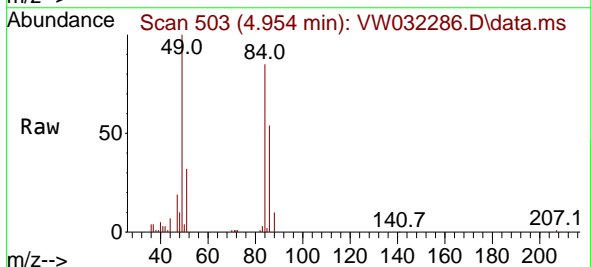
Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

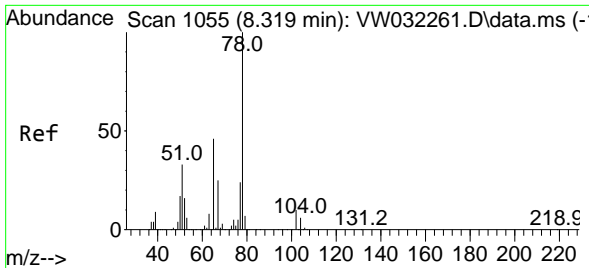
Tgt Ion:168 Resp: 187935
 Ion Ratio Lower Upper
 168 100
 99 64.9 55.0 82.4



#20
 Methylene Chloride
 Concen: 5.679 ug/l
 RT: 4.954 min Scan# 503
 Delta R.T. -0.000 min
 Lab File: VW032286.D
 Acq: 26 Sep 2025 17:20

Tgt Ion: 84 Resp: 34044
 Ion Ratio Lower Upper
 84 100
 49 117.3 97.8 146.6
 51 37.8 29.9 44.9
 86 62.8 51.3 76.9

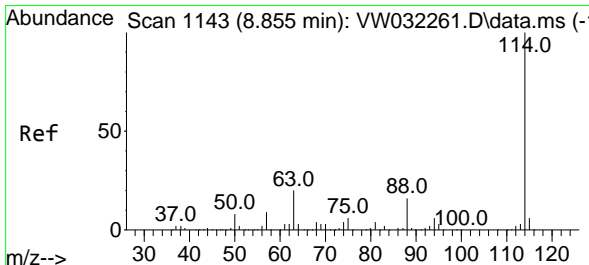
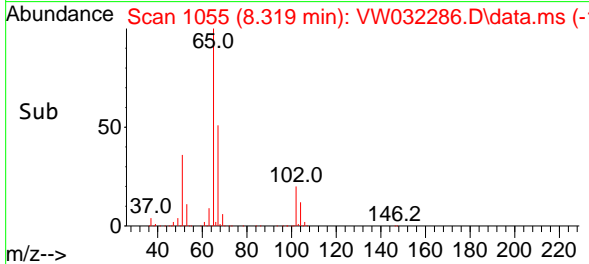
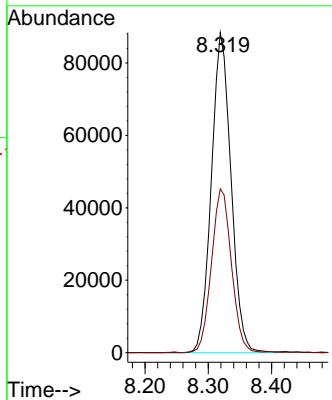
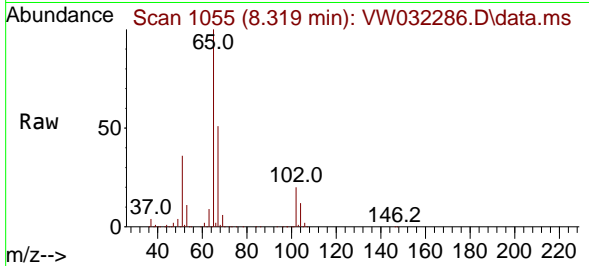




#33
 1,2-Dichloroethane-d4
 Concen: 64.217 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032286.D
 Acq: 26 Sep 2025 17:20

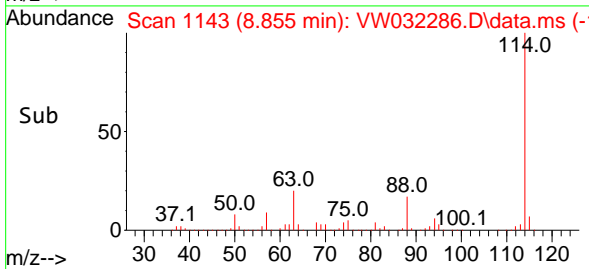
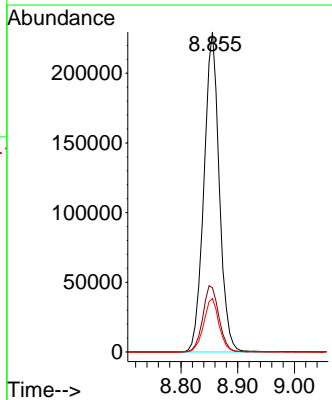
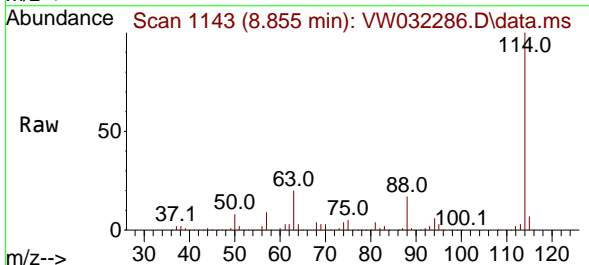
Instrument : MSVOA_W
 ClientSampleId : VIBLK

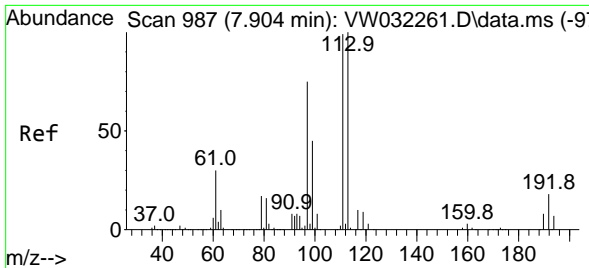
Tgt Ion: 65 Resp: 190562
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VW032286.D
 Acq: 26 Sep 2025 17:20

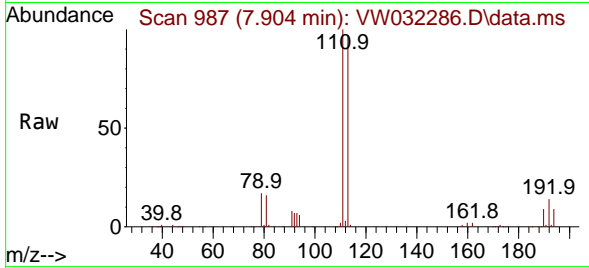
Tgt Ion:114 Resp: 431284
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.2
 88 16.7 0.0 32.0



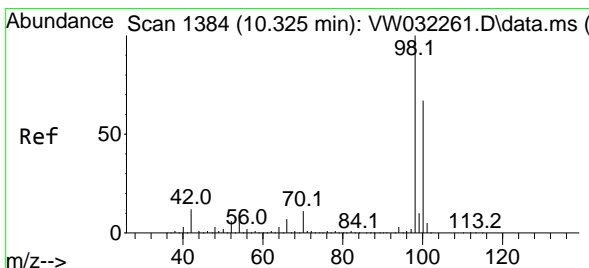
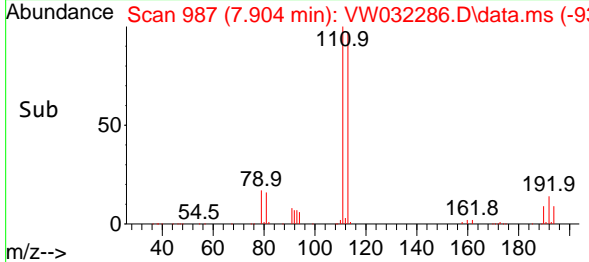
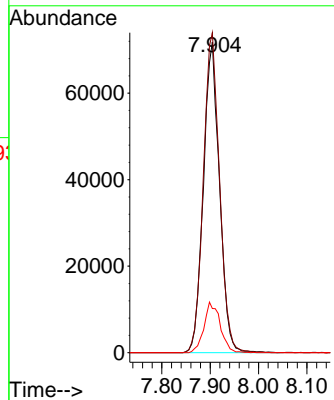


#35
 Dibromofluoromethane
 Concen: 53.509 ug/l
 RT: 7.904 min Scan# 987
 Delta R.T. 0.000 min
 Lab File: VW032286.D
 Acq: 26 Sep 2025 17:20

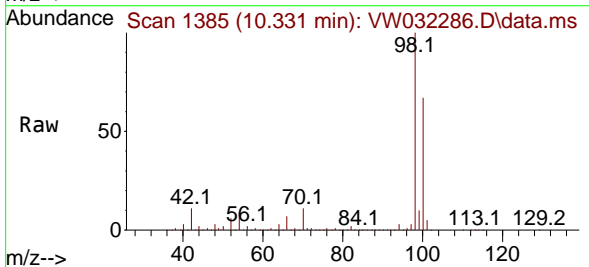
Instrument : MSVOA_W
 ClientSampleId : VIBLK



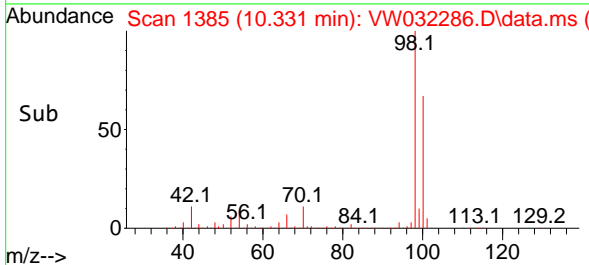
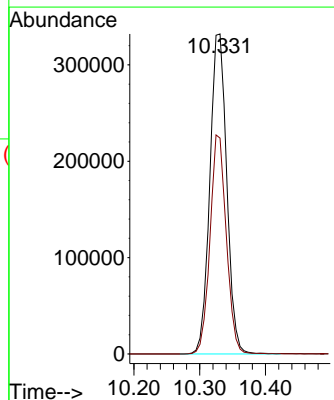
Tgt Ion:113 Resp: 165967
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.8 122.8
 192 16.3 13.0 19.4

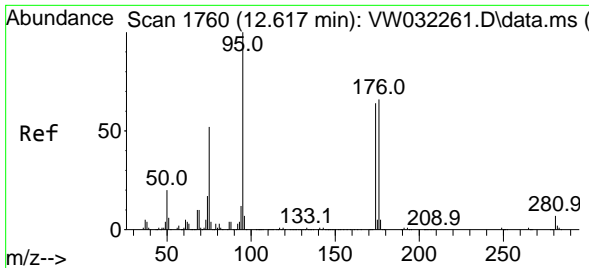


#50
 Toluene-d8
 Concen: 53.204 ug/l
 RT: 10.331 min Scan# 1385
 Delta R.T. 0.006 min
 Lab File: VW032286.D
 Acq: 26 Sep 2025 17:20



Tgt Ion: 98 Resp: 594734
 Ion Ratio Lower Upper
 98 100
 100 65.9 53.0 79.4

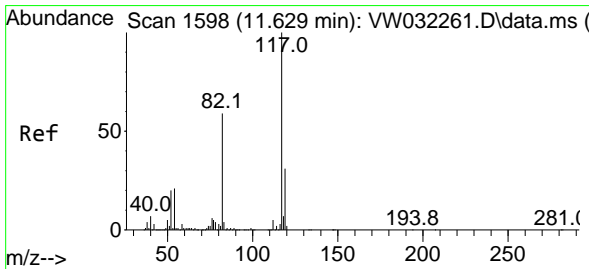
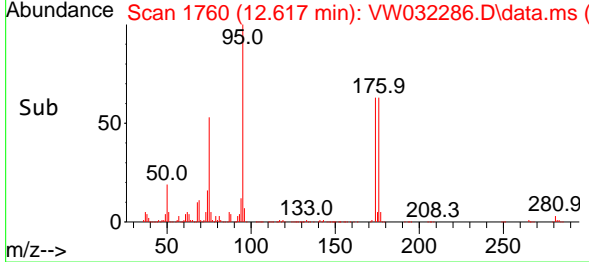
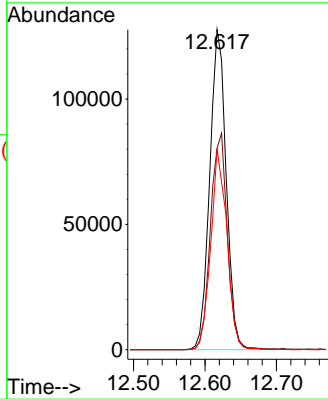
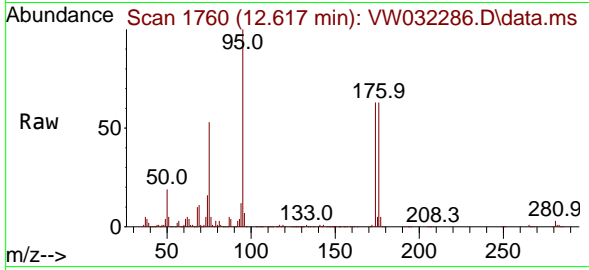




#62
 4-Bromofluorobenzene
 Concen: 48.520 ug/l
 RT: 12.617 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW032286.D
 Acq: 26 Sep 2025 17:20

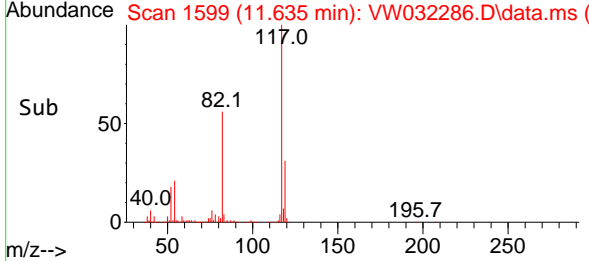
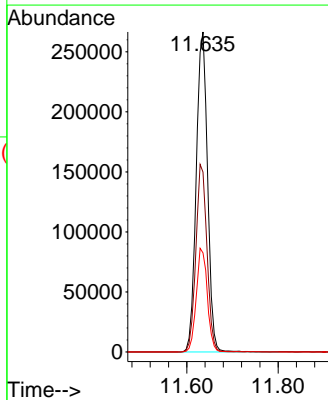
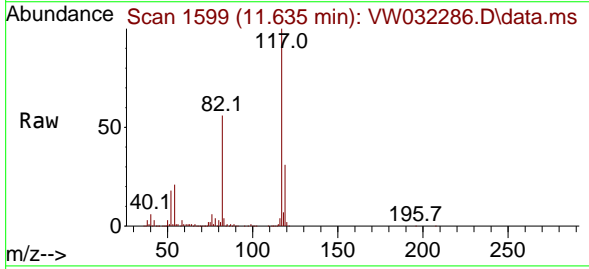
Instrument :
 MSVOA_W
 ClientSampleId :
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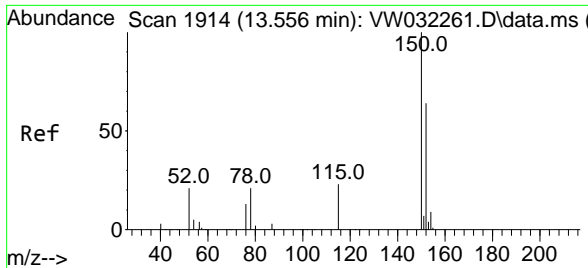
Tgt Ion	Resp	Lower	Upper
95	204586		
174	69.0	0.0	130.6
176	61.6	0.0	127.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.635 min Scan# 1599
 Delta R.T. 0.006 min
 Lab File: VW032286.D
 Acq: 26 Sep 2025 17:20

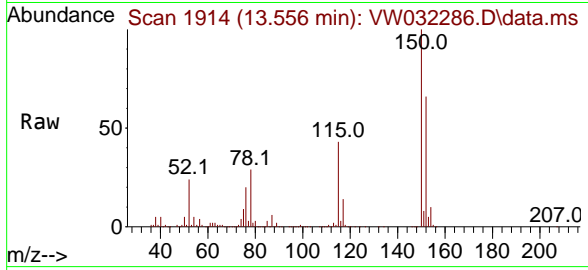
Tgt Ion	Resp	Lower	Upper
117	458079		
82	56.2	46.9	70.3
119	30.9	24.9	37.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW032286.D
 Acq: 26 Sep 2025 17:20

Instrument : MSVOA_W
 ClientSampleId : VIBLK



Tgt Ion:152 Resp: 222694

Ion	Ratio	Lower	Upper
152	100		
115	60.9	32.5	97.5
150	153.8	0.0	370.2

