

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081425\
 Data File : VW032086.D
 Acq On : 14 Aug 2025 12:24
 Operator : SY/MD
 Sample : Q2820-03
 Misc : 7.62g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 82H-N

Quant Time: Aug 18 03:50:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

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

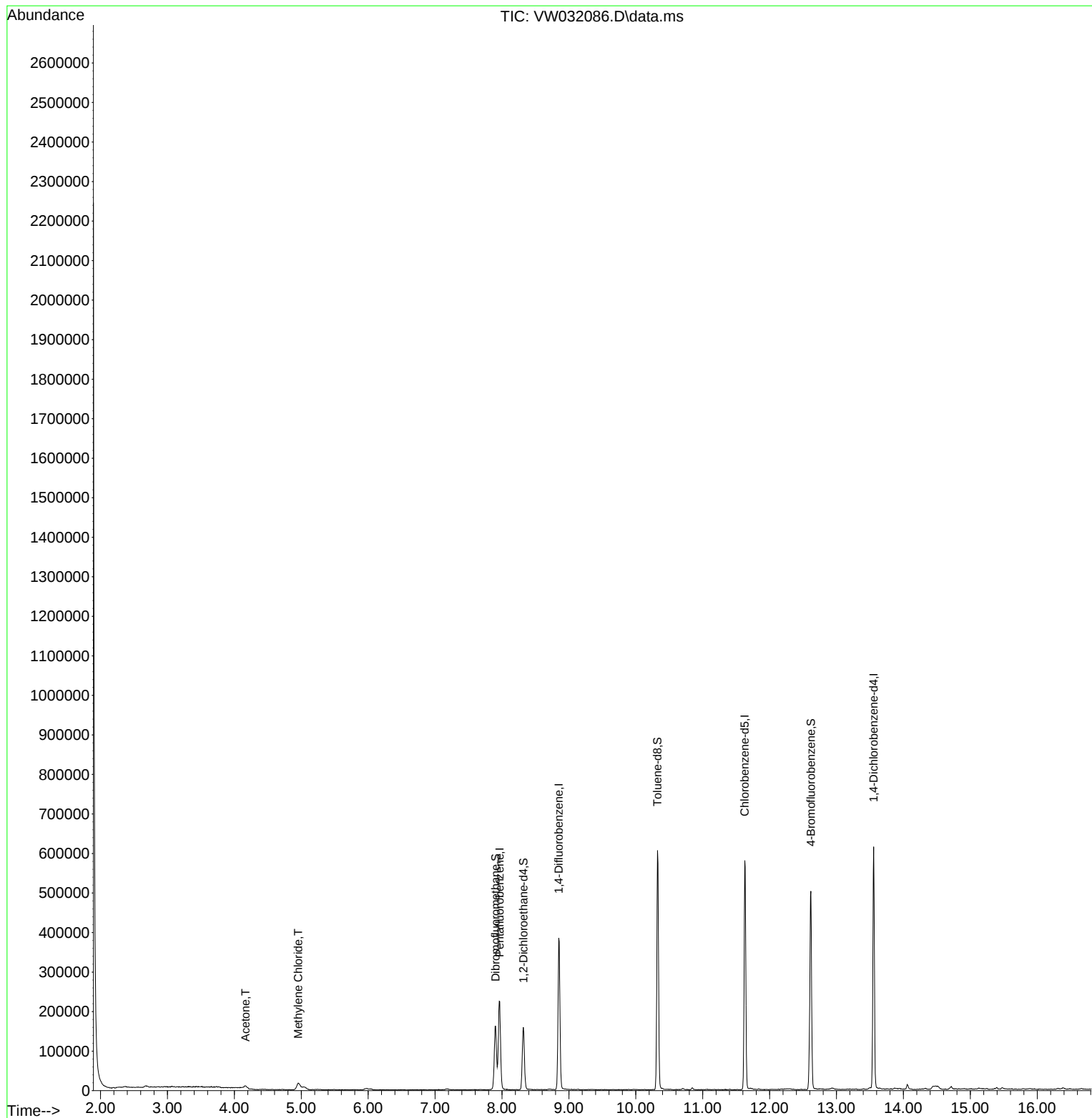
Internal Standards						
1) Pentafluorobenzene	7.965	168	157879	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	311642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	306017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	150411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	131250	57.481	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	114.960%
35) Dibromofluoromethane	7.904	113	112046	55.652	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	111.300%
50) Toluene-d8	10.325	98	388880	52.222	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	104.440%
62) 4-Bromofluorobenzene	12.617	95	143127	52.156	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	104.320%
Target Compounds						
						Qvalue
16) Acetone	4.167	43	8531	16.137	ug/l	# 86
20) Methylene Chloride	4.954	84	15161	6.203	ug/l	94

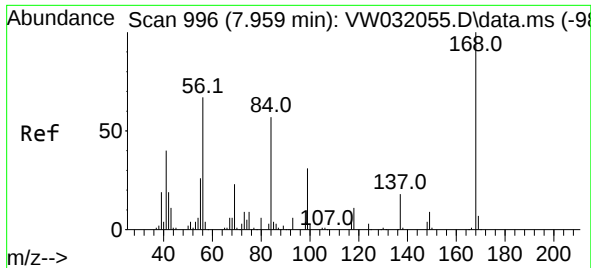
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081425\
Data File : VW032086.D
Acq On : 14 Aug 2025 12:24
Operator : SY/MD
Sample : Q2820-03
Misc : 7.62g/5mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
82H-N

Quant Time: Aug 18 03:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 12 04:04:48 2025
Response via : Initial Calibration

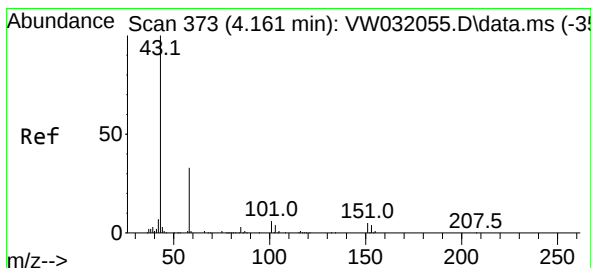
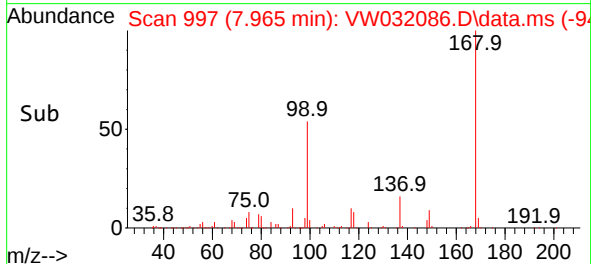
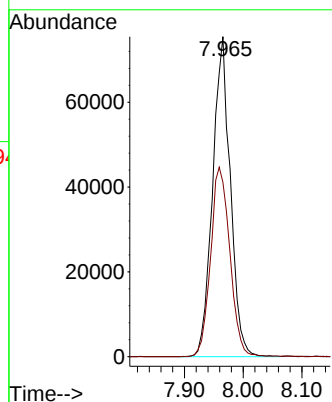
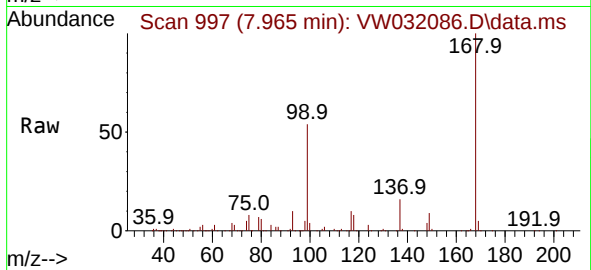




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW032086.D
Acq: 14 Aug 2025 12:24

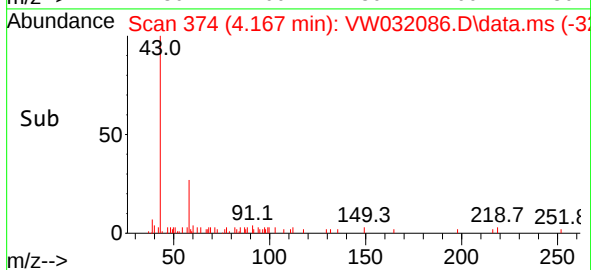
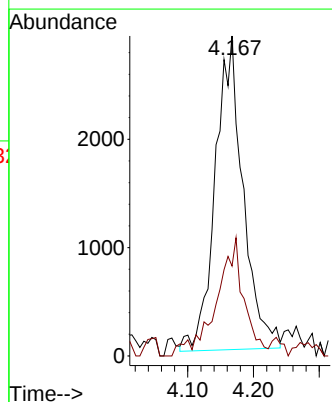
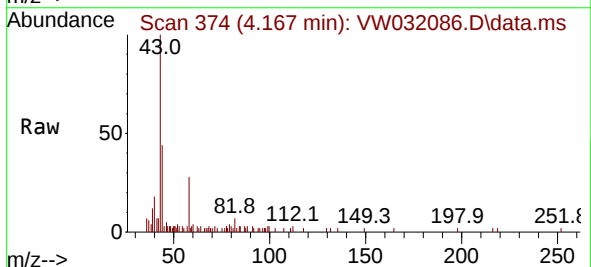
Instrument :
MSVOA_W
ClientSampleId :
82H-N

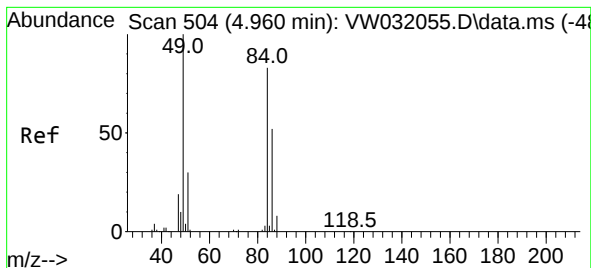
Tgt Ion:168 Resp: 157879
Ion Ratio Lower Upper
168 100
99 54.5 56.0 84.0#



#16
Acetone
Concen: 16.137 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032086.D
Acq: 14 Aug 2025 12:24

Tgt Ion: 43 Resp: 8531
Ion Ratio Lower Upper
43 100
58 25.1 26.6 39.8#





#20

Methylene Chloride

Concen: 6.203 ug/l

RT: 4.954 min Scan# 504

Delta R.T. -0.006 min

Lab File: VW032086.D

Acq: 14 Aug 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

82H-N

Tgt Ion: 84 Resp: 15161

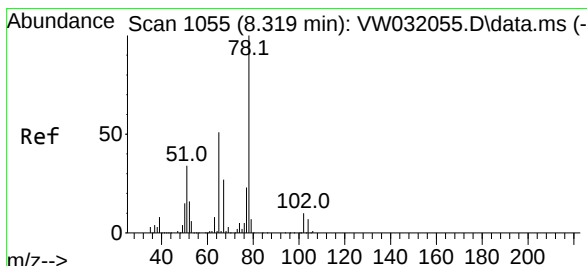
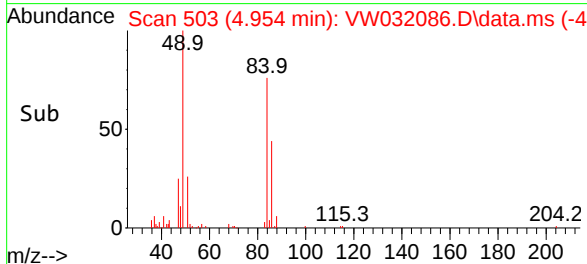
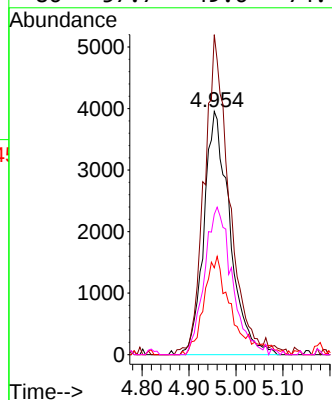
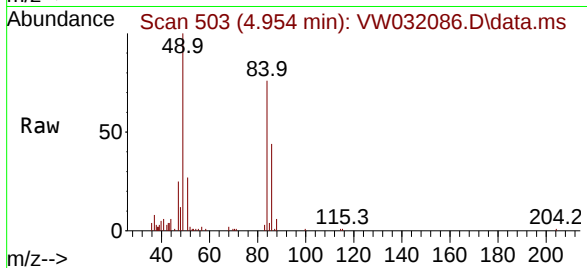
Ion Ratio Lower Upper

84 100

49 129.4 95.9 143.9

51 35.7 28.6 43.0

86 57.7 49.6 74.4



#33

1,2-Dichloroethane-d4

Concen: 57.481 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW032086.D

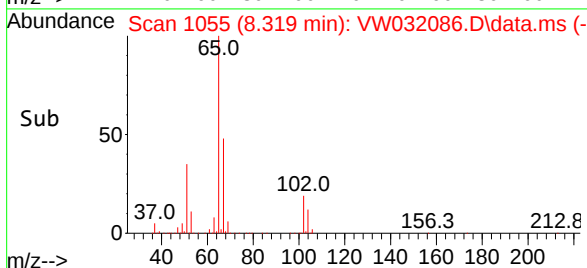
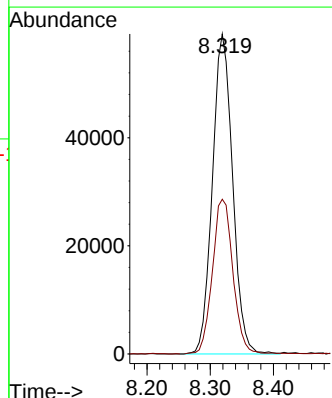
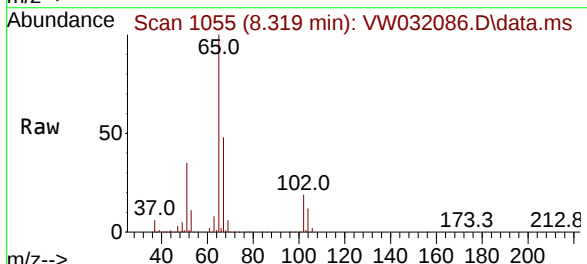
Acq: 14 Aug 2025 12:24

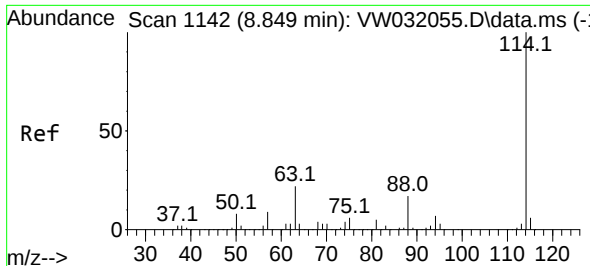
Tgt Ion: 65 Resp: 131250

Ion Ratio Lower Upper

65 100

67 49.2 0.0 102.4

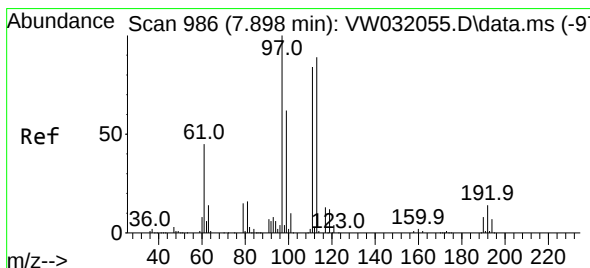
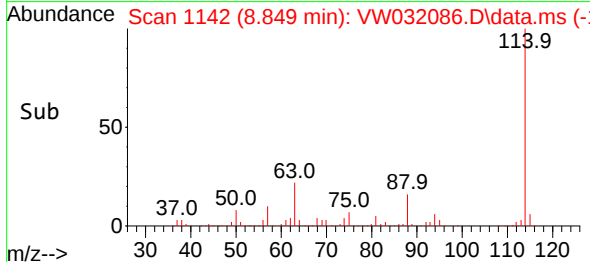
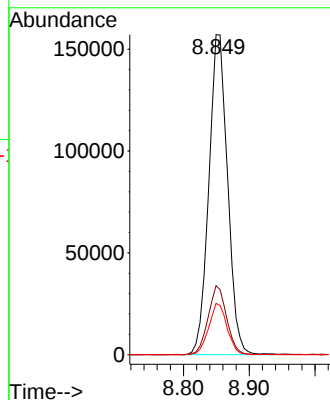
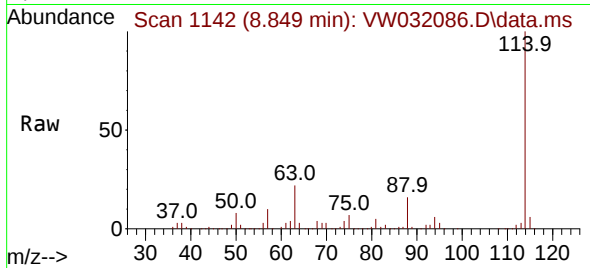




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032086.D
 Acq: 14 Aug 2025 12:24

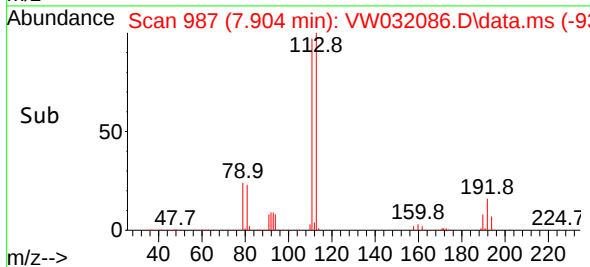
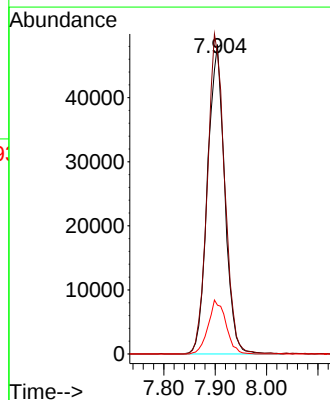
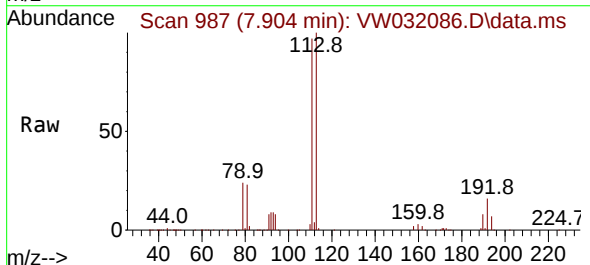
Instrument :
 MSVOA_W
 ClientSampleId :
 82H-N

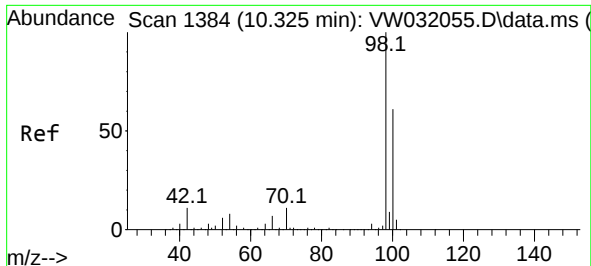
Tgt Ion:114 Resp: 311642
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.0
 88 16.0 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 55.652 ug/l
 RT: 7.904 min Scan# 987
 Delta R.T. 0.006 min
 Lab File: VW032086.D
 Acq: 14 Aug 2025 12:24

Tgt Ion:113 Resp: 112046
 Ion Ratio Lower Upper
 113 100
 111 104.3 80.1 120.1
 192 18.0 13.1 19.7

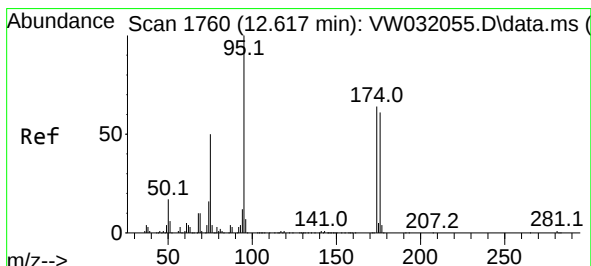
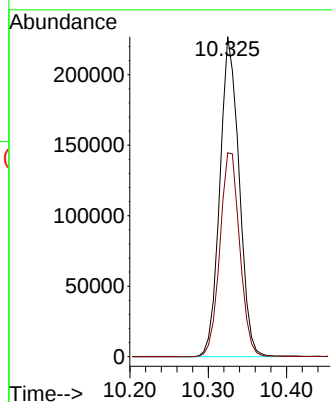
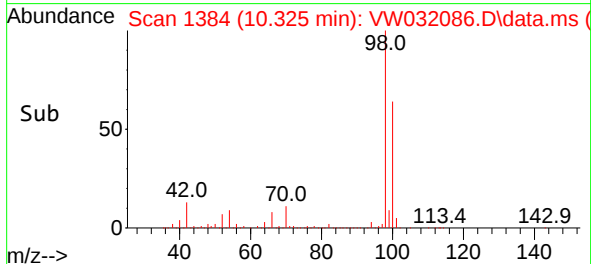
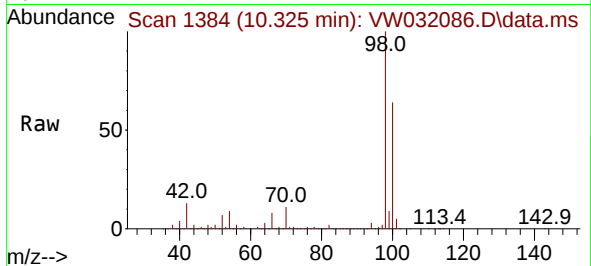




#50
Toluene-d8
Concen: 52.222 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032086.D
Acq: 14 Aug 2025 12:24

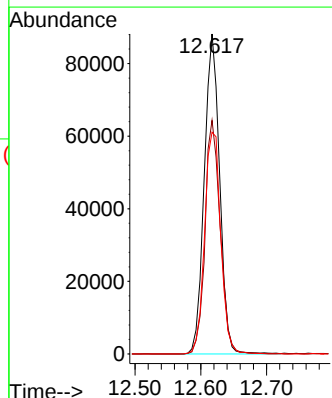
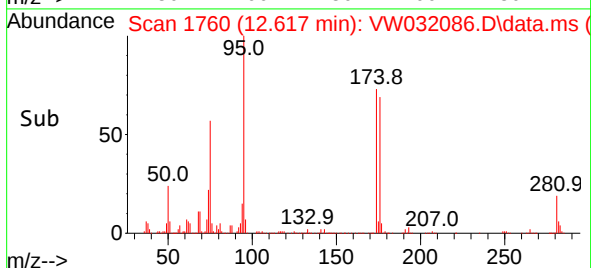
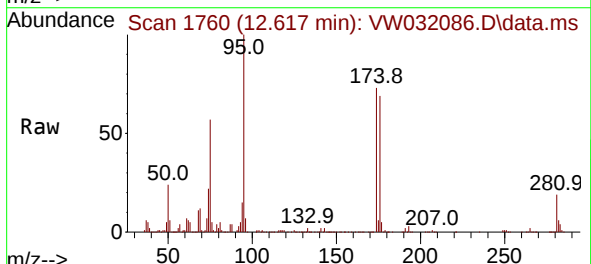
Instrument :
MSVOA_W
ClientSampleId :
82H-N

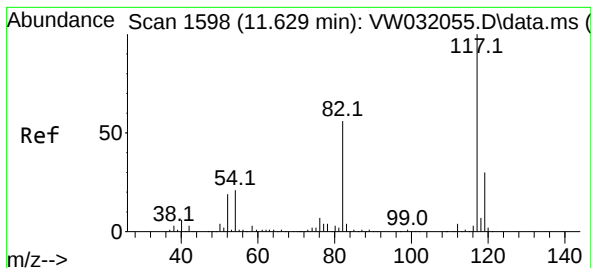
Tgt Ion: 98 Resp: 388880
Ion Ratio Lower Upper
98 100
100 65.7 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 52.156 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032086.D
Acq: 14 Aug 2025 12:24

Tgt Ion: 95 Resp: 143127
Ion Ratio Lower Upper
95 100
174 72.5 0.0 129.0
176 73.1 0.0 124.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032086.D

Acq: 14 Aug 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

82H-N

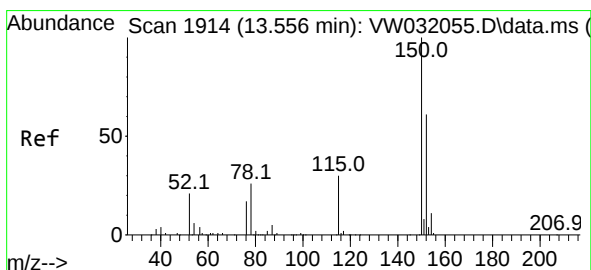
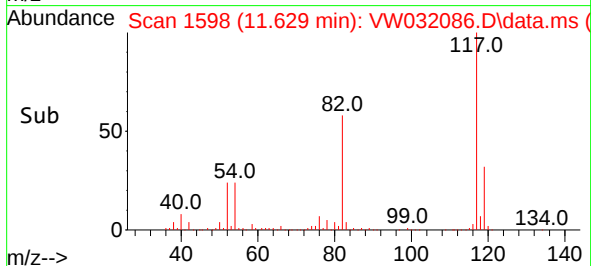
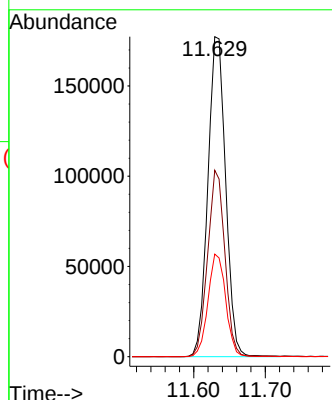
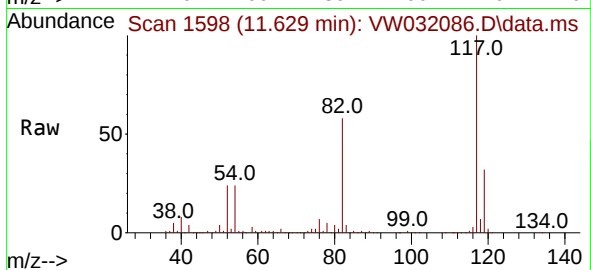
Tgt Ion:117 Resp: 306017

Ion Ratio Lower Upper

117 100

82 58.3 45.0 67.4

119 32.1 24.2 36.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032086.D

Acq: 14 Aug 2025 12:24

Tgt Ion:152 Resp: 150411

Ion Ratio Lower Upper

152 100

115 62.3 32.6 97.8

150 156.7 0.0 359.4

