

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061824\
 Data File : VN082626.D
 Acq On : 18 Jun 2024 17:23
 Operator : JC\MD
 Sample : P2942-01DL 200X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GRAY-WATERDL

Quant Time: Jun 19 01:49:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

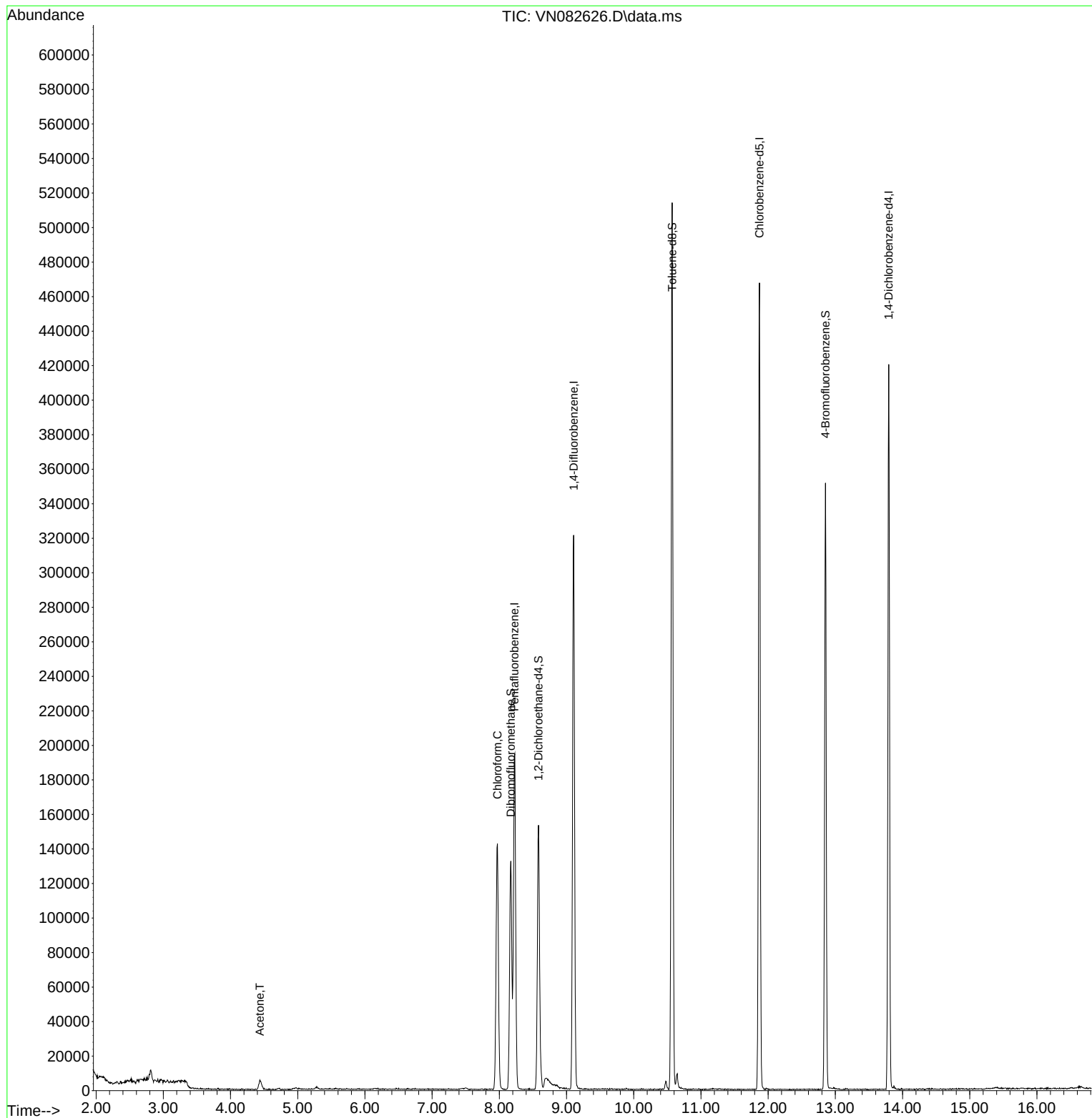
Internal Standards						
1) Pentafluorobenzene	8.224	168	139070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	254448	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	249497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	106815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	125299	56.183	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.360%	
35) Dibromofluoromethane	8.171	113	92339	53.494	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.980%	
50) Toluene-d8	10.571	98	333676	51.117	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.240%	
62) 4-Bromofluorobenzene	12.853	95	107651	47.834	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 95.660%	
Target Compounds						
						Qvalue
16) Acetone	4.436	43	10774	10.623	ug/l	91
30) Chloroform	7.971	83	132932	39.611	ug/l	98

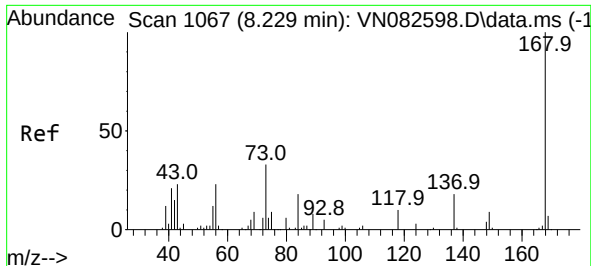
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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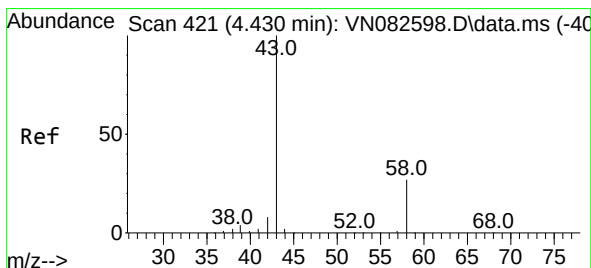
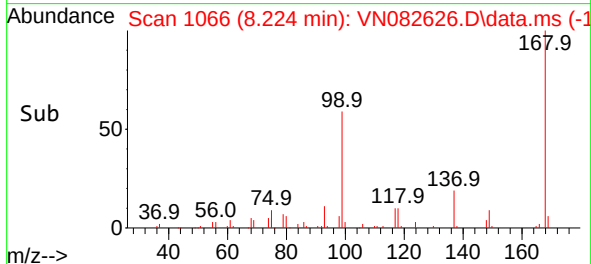
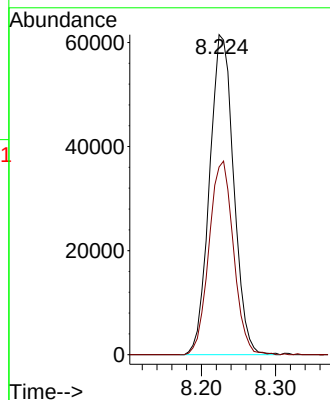
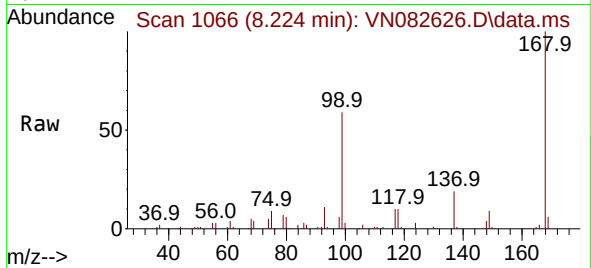




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082626.D
Acq: 18 Jun 2024 17:23

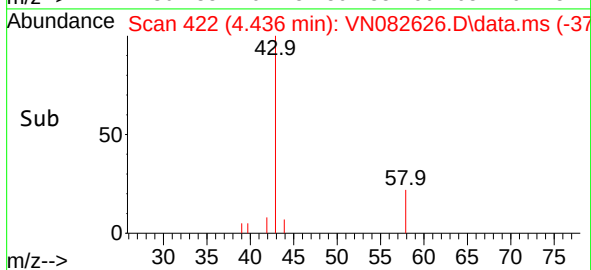
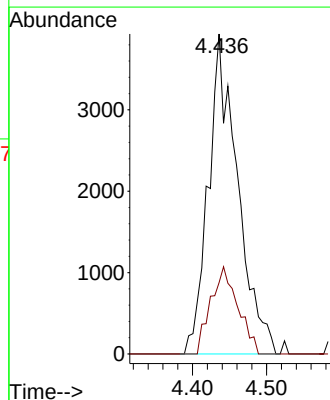
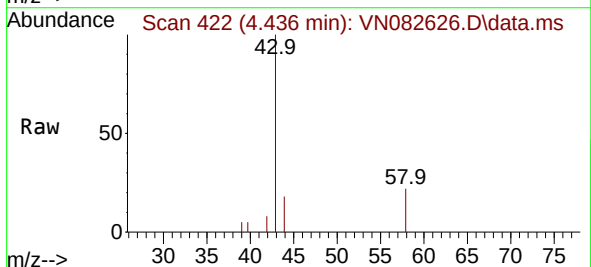
Instrument :
MSVOA_N
ClientSampleId :
GRAY-WATERDL

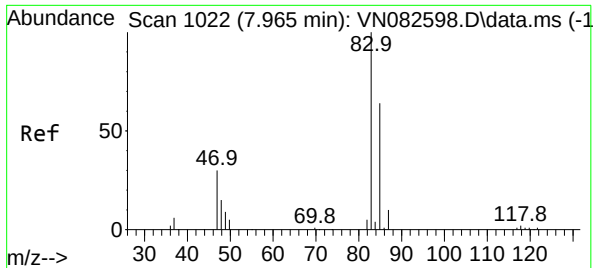
Tgt Ion:168 Resp: 139070
Ion Ratio Lower Upper
168 100
99 58.6 48.2 72.4



#16
Acetone
Concen: 10.623 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082626.D
Acq: 18 Jun 2024 17:23

Tgt Ion: 43 Resp: 10774
Ion Ratio Lower Upper
43 100
58 22.3 21.8 32.6





#30

Chloroform

Concen: 39.611 ug/l

RT: 7.971 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN082626.D

Acq: 18 Jun 2024 17:23

Instrument :

MSVOA_N

ClientSampleId :

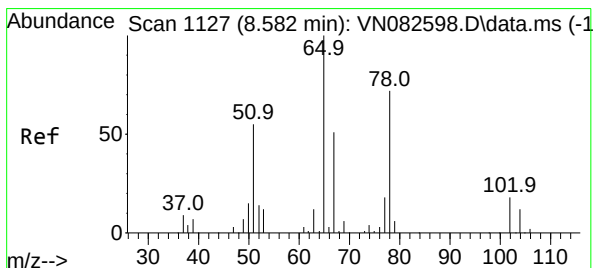
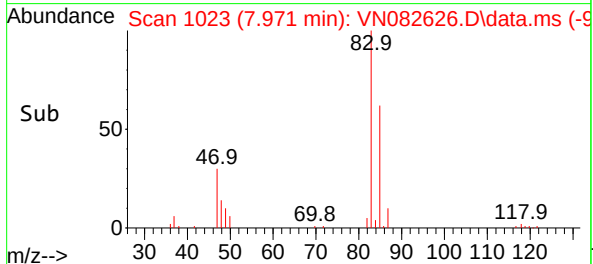
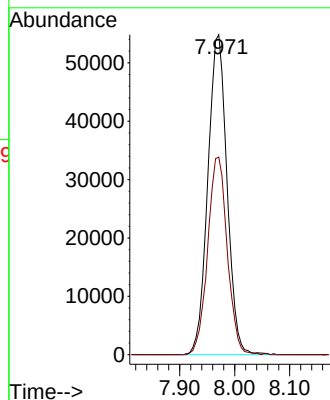
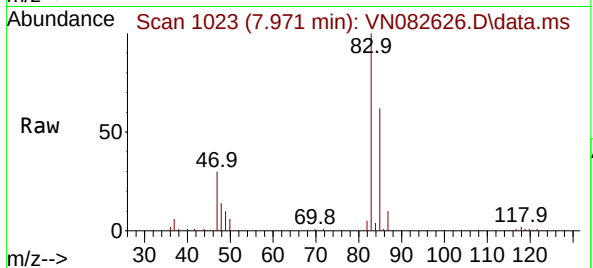
GRAY-WATERDL

Tgt Ion: 83 Resp: 132932

Ion Ratio Lower Upper

83 100

85 61.8 50.9 76.3



#33

1,2-Dichloroethane-d4

Concen: 56.183 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082626.D

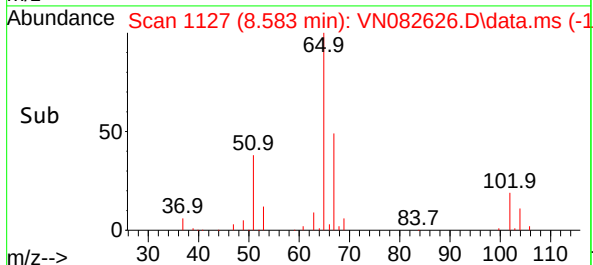
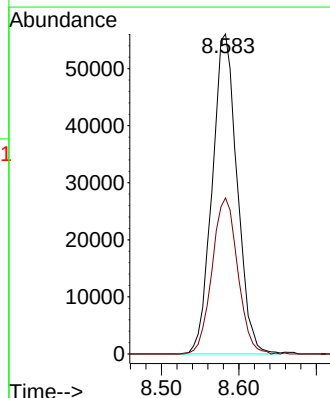
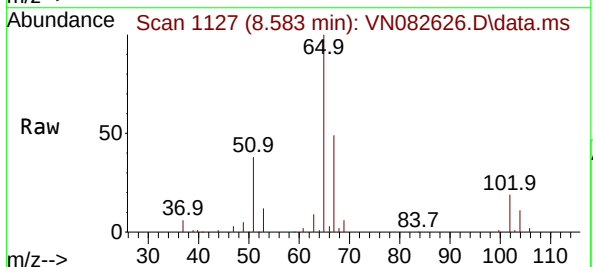
Acq: 18 Jun 2024 17:23

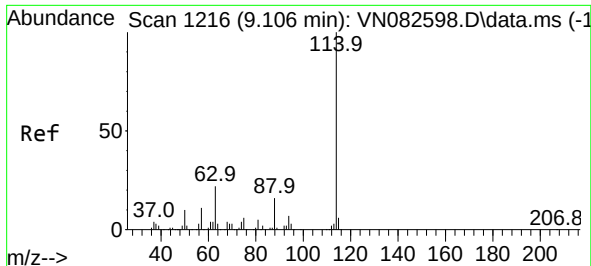
Tgt Ion: 65 Resp: 125299

Ion Ratio Lower Upper

65 100

67 50.2 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082626.D

Acq: 18 Jun 2024 17:23

Instrument :

MSVOA_N

ClientSampleId :

GRAY-WATERDL

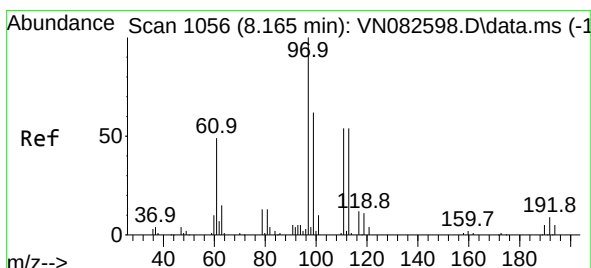
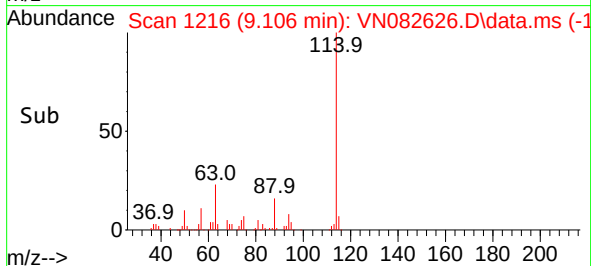
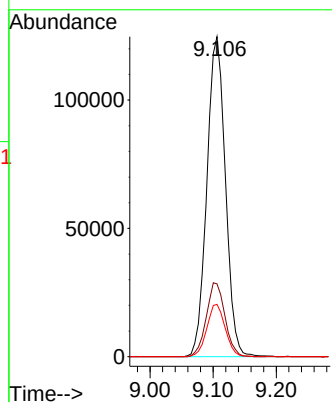
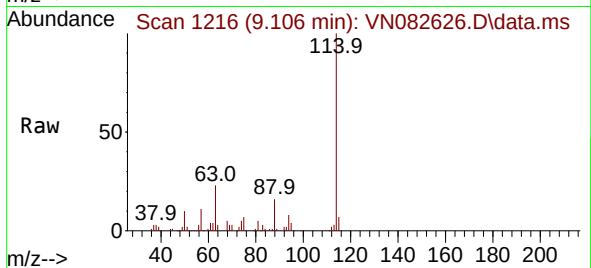
Tgt Ion:114 Resp: 254448

Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.6

88 16.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.494 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082626.D

Acq: 18 Jun 2024 17:23

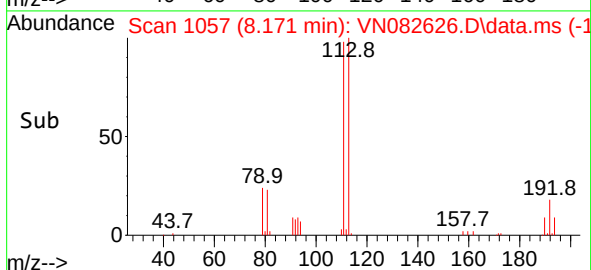
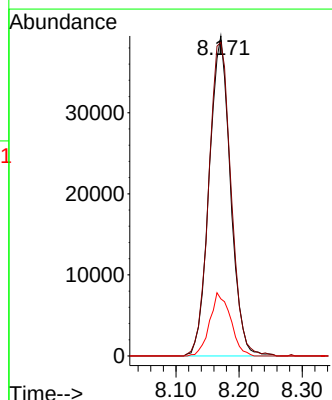
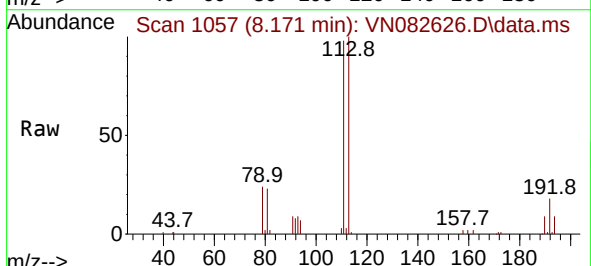
Tgt Ion:113 Resp: 92339

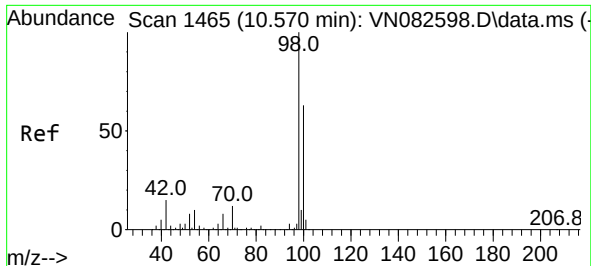
Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

192 19.4 14.9 22.3

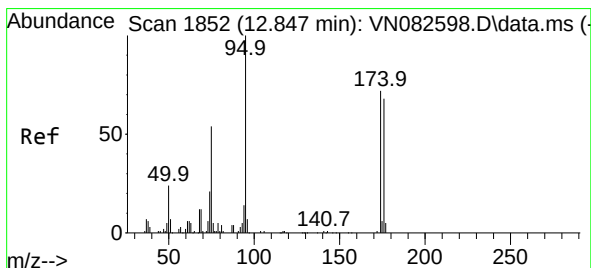
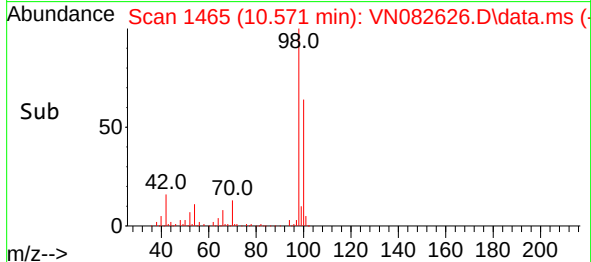
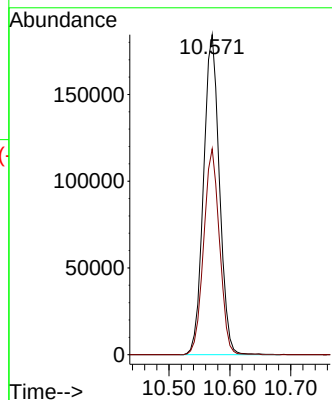
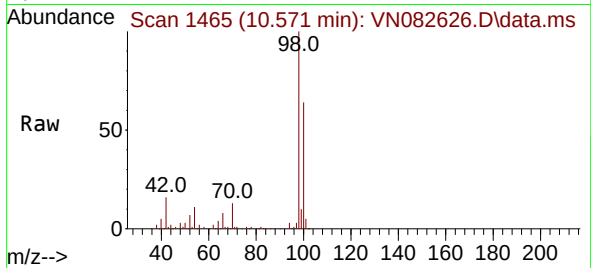




#50
Toluene-d8
Concen: 51.117 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082626.D
Acq: 18 Jun 2024 17:23

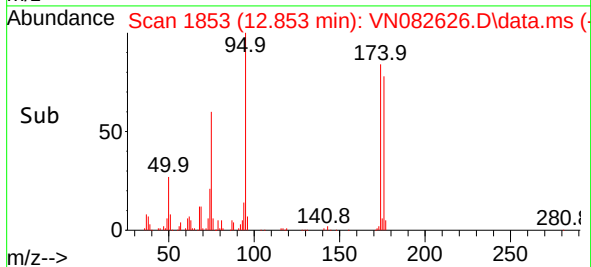
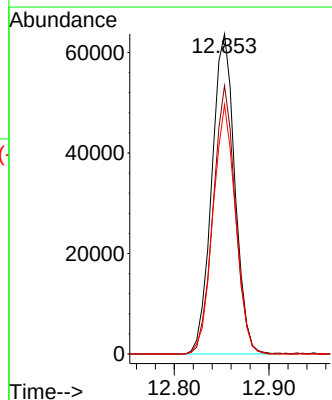
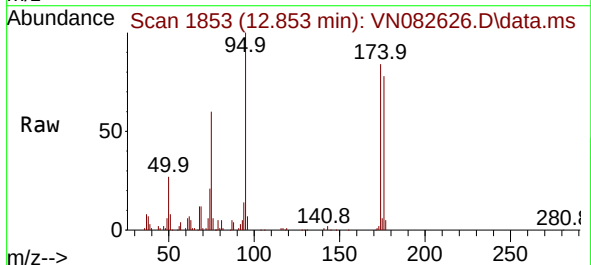
Instrument :
MSVOA_N
ClientSampleId :
GRAY-WATERDL

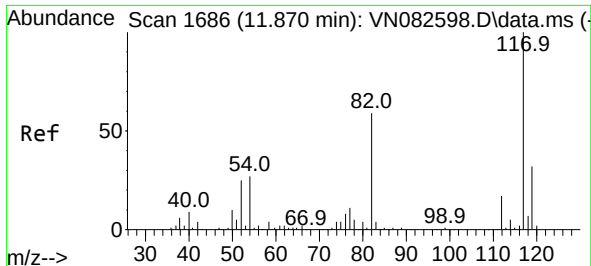
Tgt Ion: 98 Resp: 333676
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 47.834 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082626.D
Acq: 18 Jun 2024 17:23

Tgt Ion: 95 Resp: 107651
Ion Ratio Lower Upper
95 100
174 80.5 0.0 159.2
176 76.5 0.0 147.6

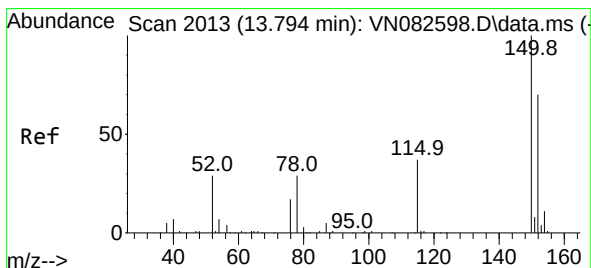
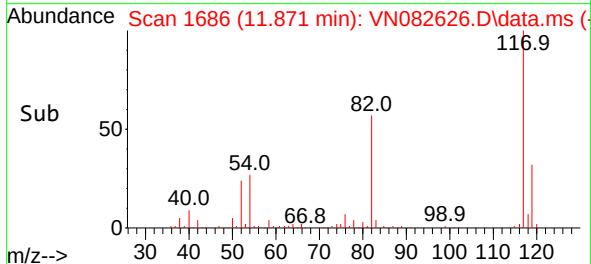
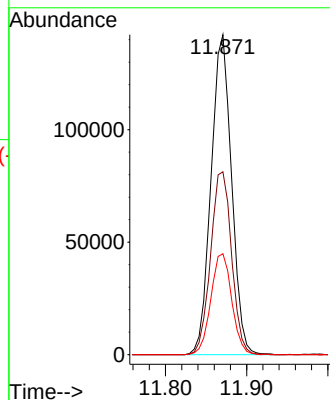
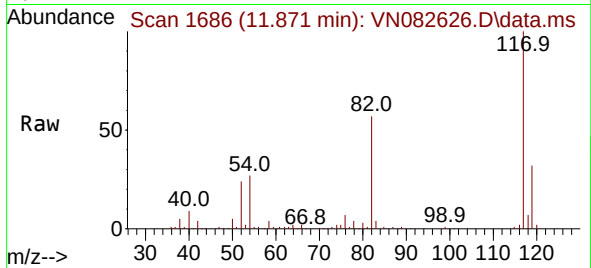




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082626.D
Acq: 18 Jun 2024 17:23

Instrument :
MSVOA_N
ClientSampleId :
GRAY-WATERDL

Tgt Ion:117 Resp: 249497
Ion Ratio Lower Upper
117 100
82 57.2 47.5 71.3
119 31.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082626.D
Acq: 18 Jun 2024 17:23

Tgt Ion:152 Resp: 106815
Ion Ratio Lower Upper
152 100
115 59.0 30.6 91.6
150 157.2 0.0 348.6

