

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071924\
 Data File : VN082991.D
 Acq On : 19 Jul 2024 16:10
 Operator : JC\MD
 Sample : P3307-03RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-EB-20240717RE

Quant Time: Jul 22 02:07:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

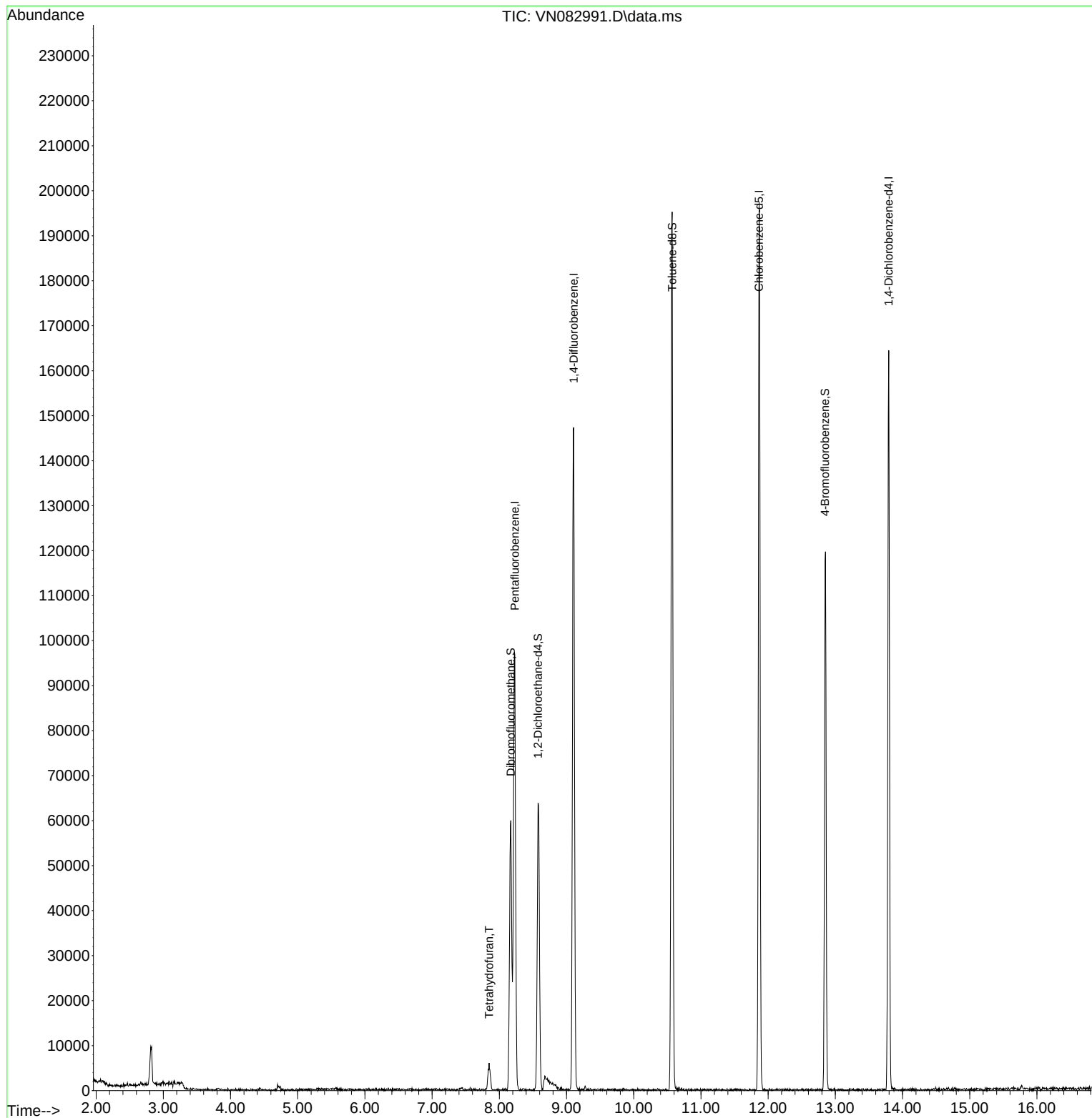
Internal Standards						
1) Pentafluorobenzene	8.230	168	68744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	125327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	111979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	43334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	53685	55.710	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.420%
35) Dibromofluoromethane	8.171	113	41570	51.692	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.380%
50) Toluene-d8	10.571	98	135165	45.506	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.020%
62) 4-Bromofluorobenzene	12.847	95	38183	35.787	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	71.580%
Target Compounds						
29) Tetrahydrofuran	7.847	42	3933	12.195	ug/l	Qvalue 93

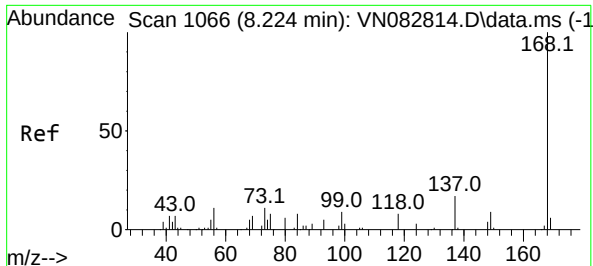
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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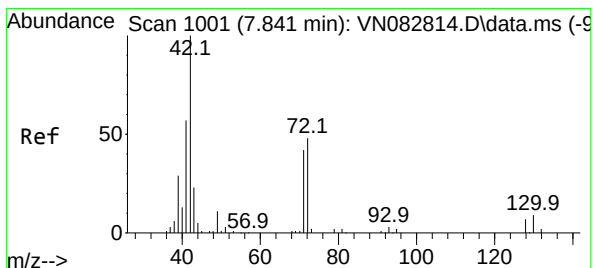
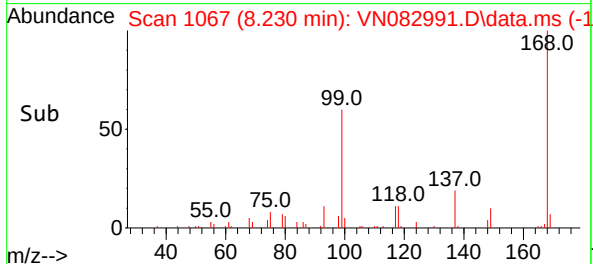
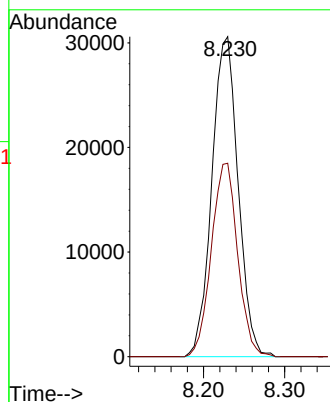
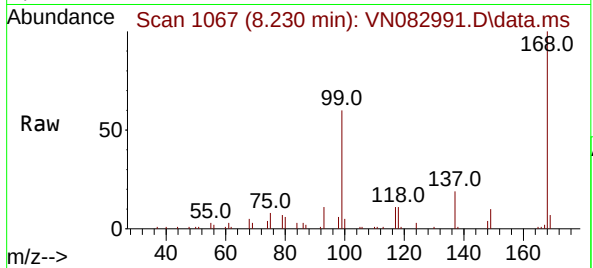




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.001 min
Lab File: VN082991.D
Acq: 19 Jul 2024 16:10

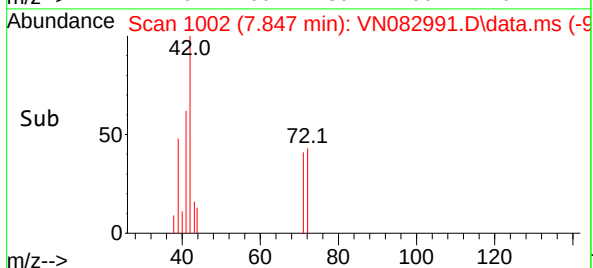
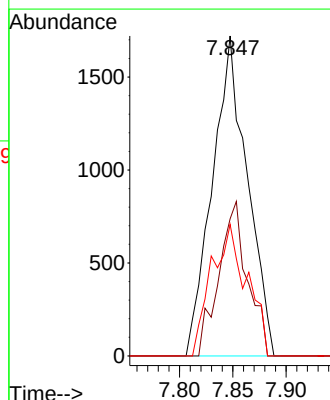
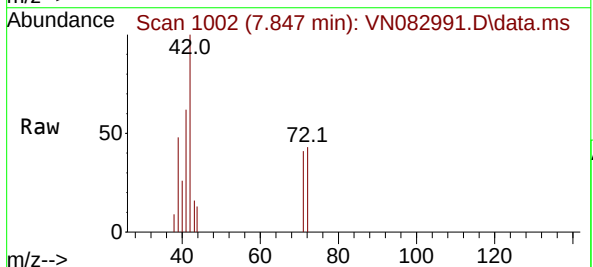
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-EB-20240717RE

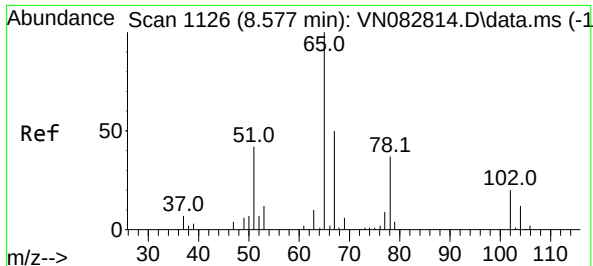
Tgt Ion:168 Resp: 68744
Ion Ratio Lower Upper
168 100
99 60.4 48.2 72.4



#29
Tetrahydrofuran
Concen: 12.195 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VN082991.D
Acq: 19 Jul 2024 16:10

Tgt Ion: 42 Resp: 3933
Ion Ratio Lower Upper
42 100
72 39.5 30.0 45.0
71 41.7 28.3 42.5





#33

1,2-Dichloroethane-d4

Concen: 55.710 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN082991.D

Acq: 19 Jul 2024 16:10

Instrument :

MSVOA_N

ClientSampleId :

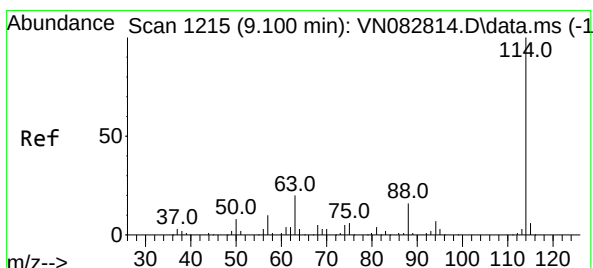
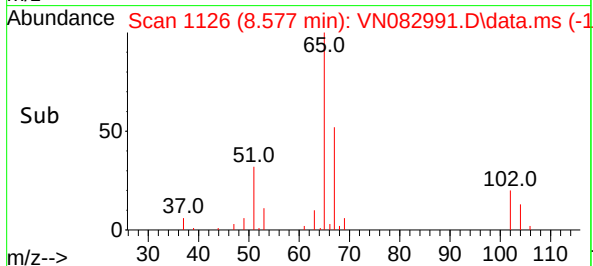
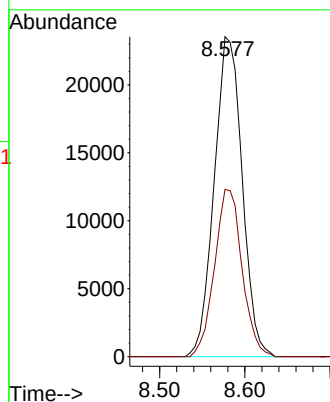
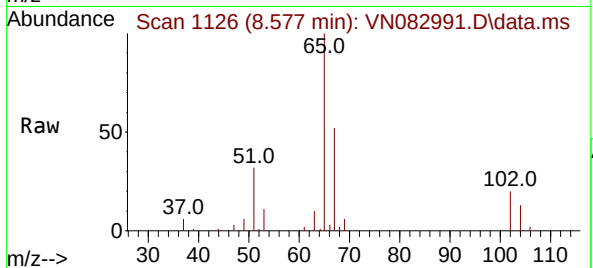
BP-VPB-189-EB-20240717RE

Tgt Ion: 65 Resp: 53685

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN082991.D

Acq: 19 Jul 2024 16:10

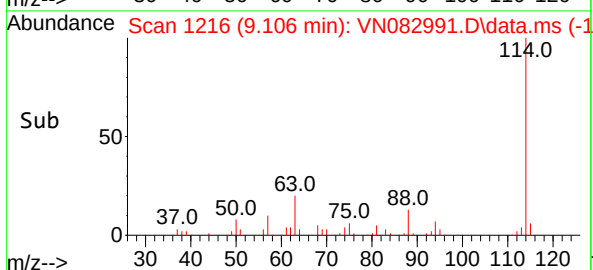
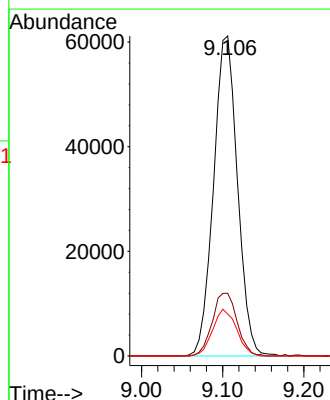
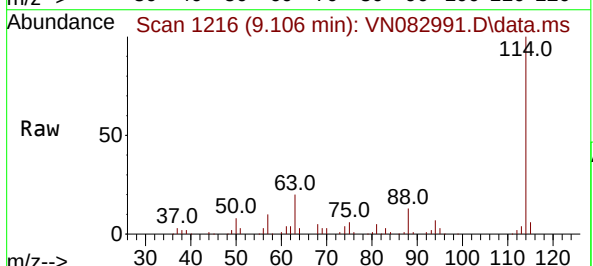
Tgt Ion: 114 Resp: 125327

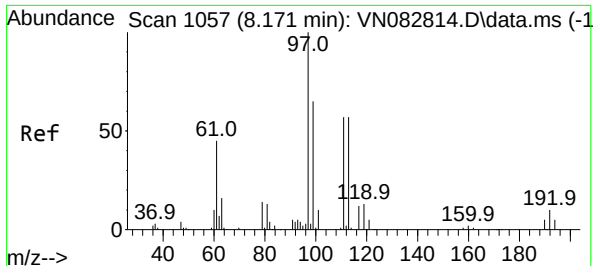
Ion Ratio Lower Upper

114 100

63 19.6 0.0 44.6

88 13.1 0.0 31.4

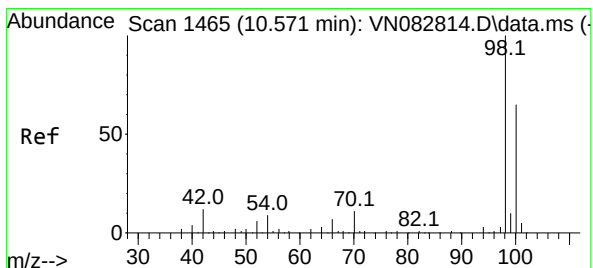
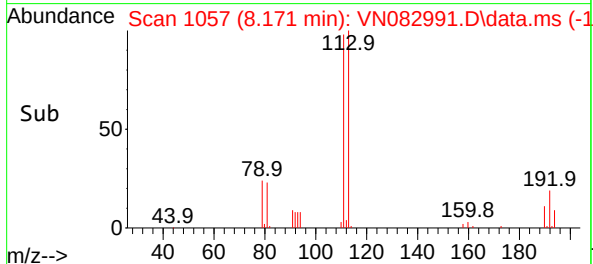
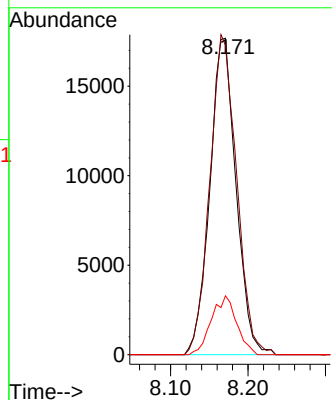
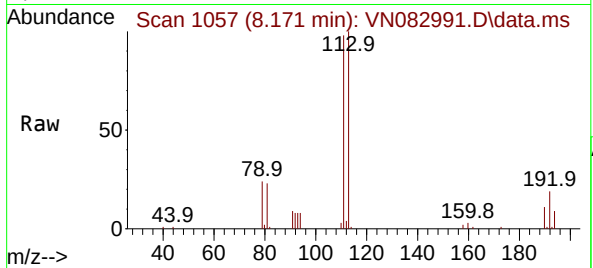




#35
Dibromofluoromethane
Concen: 51.692 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082991.D
Acq: 19 Jul 2024 16:10

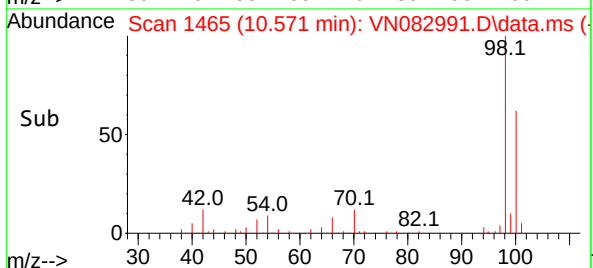
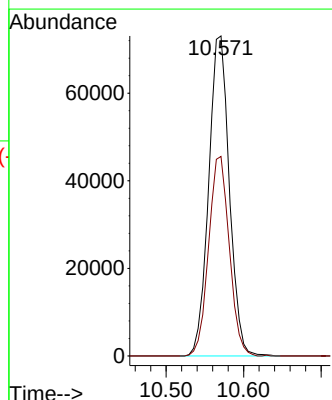
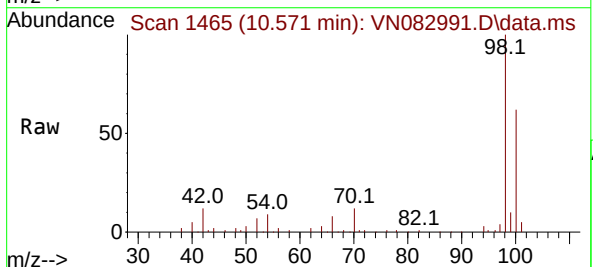
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-EB-20240717RE

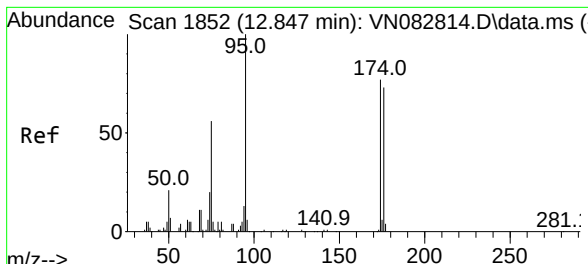
Tgt Ion:113 Resp: 41570
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 18.0 14.9 22.3



#50
Toluene-d8
Concen: 45.506 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082991.D
Acq: 19 Jul 2024 16:10

Tgt Ion: 98 Resp: 135165
Ion Ratio Lower Upper
98 100
100 62.4 51.5 77.3

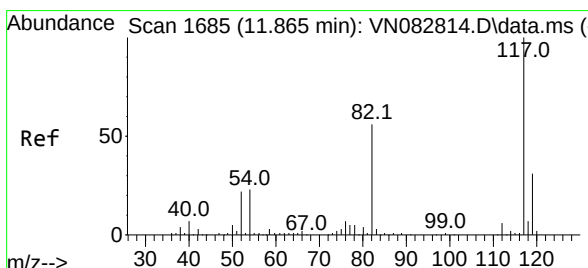
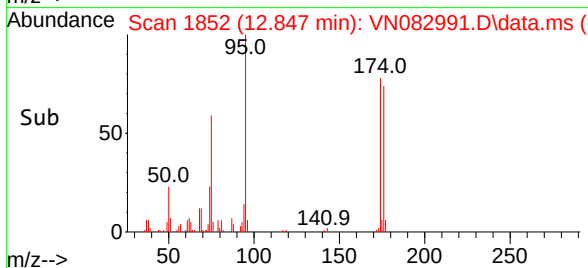
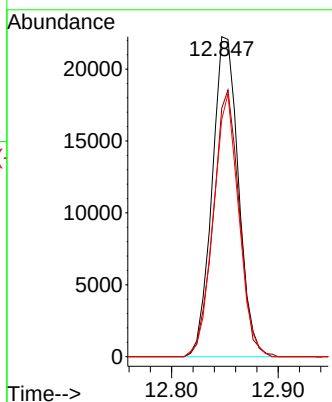
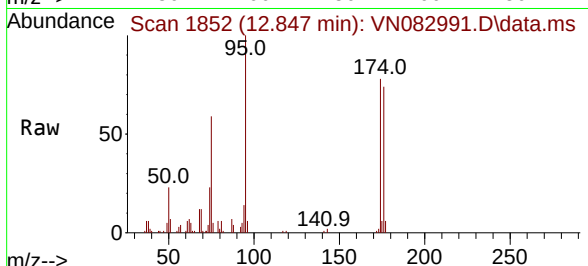




#62
 4-Bromofluorobenzene
 Concen: 35.787 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN082991.D
 Acq: 19 Jul 2024 16:10

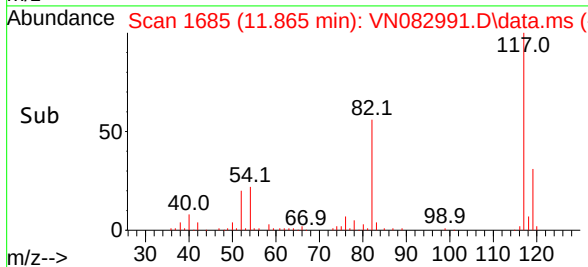
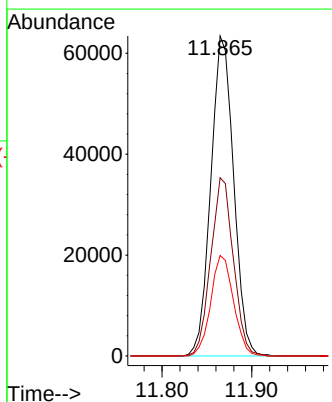
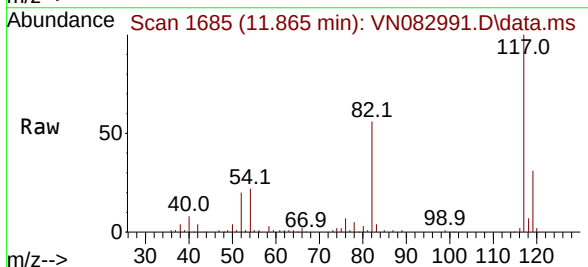
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-EB-20240717RE

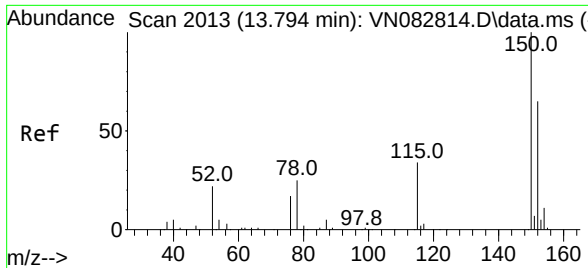
Tgt Ion:	95	Resp:	38183
Ion	Ratio	Lower	Upper
95	100		
174	81.8	0.0	159.2
176	79.1	0.0	147.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.005 min
 Lab File: VN082991.D
 Acq: 19 Jul 2024 16:10

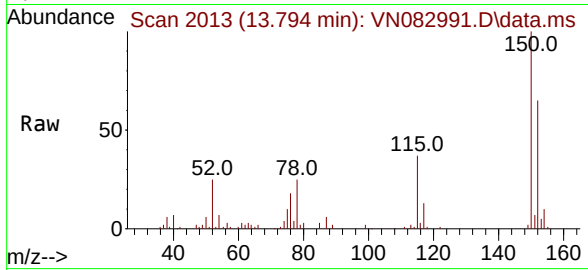
Tgt Ion:	117	Resp:	111979
Ion	Ratio	Lower	Upper
117	100		
82	55.7	47.5	71.3
119	31.4	25.6	38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082991.D
 Acq: 19 Jul 2024 16:10

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-EB-20240717RE



Tgt Ion:	152	Resp:	43334
Ion	Ratio	Lower	Upper
152	100		
115	59.4	30.6	91.6
150	157.7	0.0	348.6

