

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071224\
 Data File : VN082897.D
 Acq On : 12 Jul 2024 14:16
 Operator : JC\MD
 Sample : P3229-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-EB-20240710

Quant Time: Jul 15 01:11:40 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)

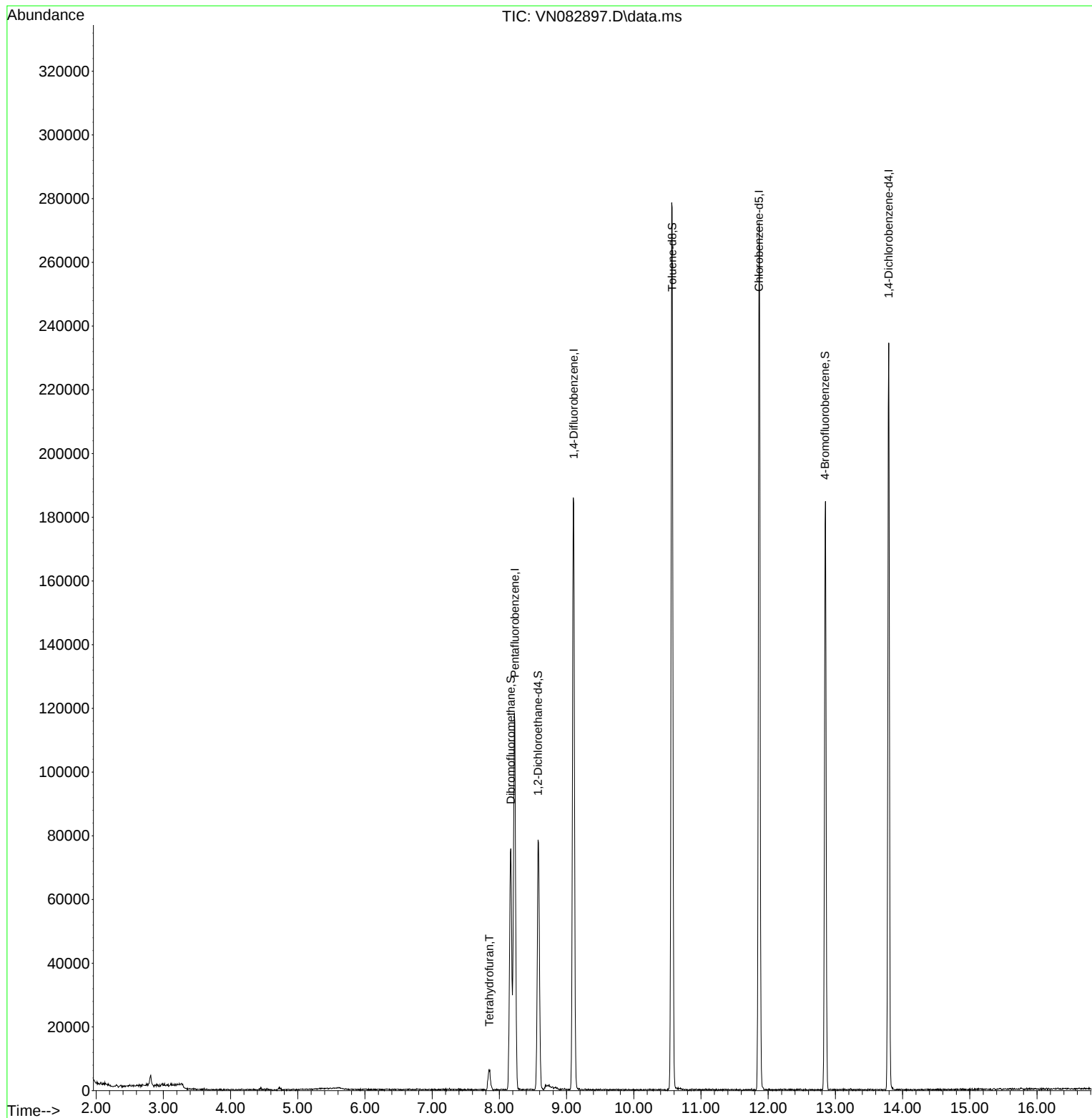
Internal Standards						
1) Pentafluorobenzene	8.230	168	82299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	161360	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	156843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	59962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	65579	56.844	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.680%
35) Dibromofluoromethane	8.171	113	53856	52.014	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.020%
50) Toluene-d8	10.571	98	191469	50.067	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.847	95	60100	43.750	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	87.500%
Target Compounds						
29) Tetrahydrofuran	7.853	42	4670	12.095	ug/l	Qvalue # 69

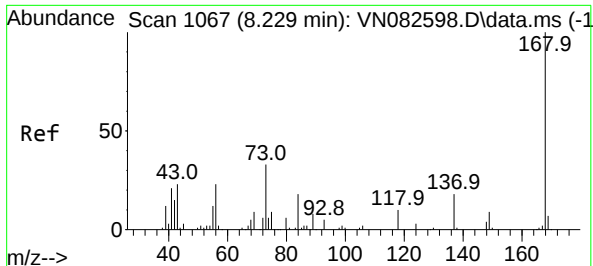
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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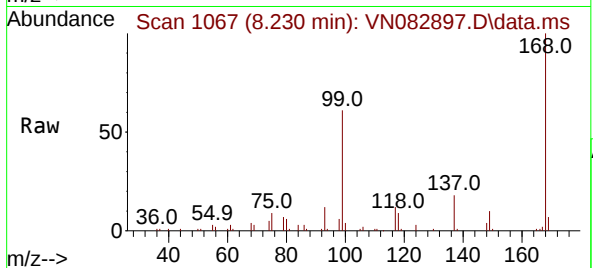
Quant Time: Jul 15 01:11:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration



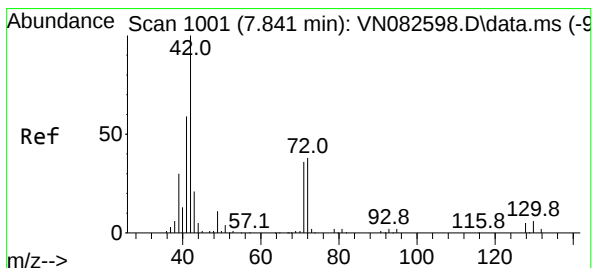
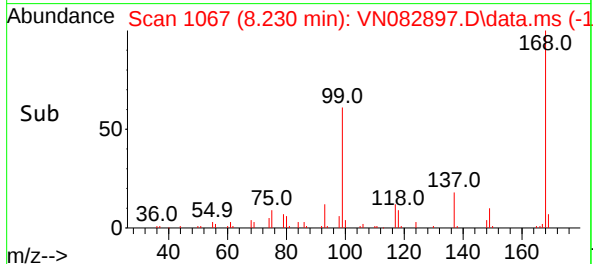
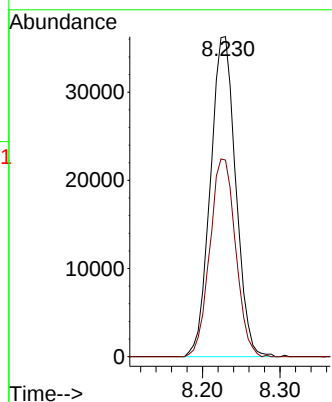


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082897.D
Acq: 12 Jul 2024 14:16

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-EB-20240710

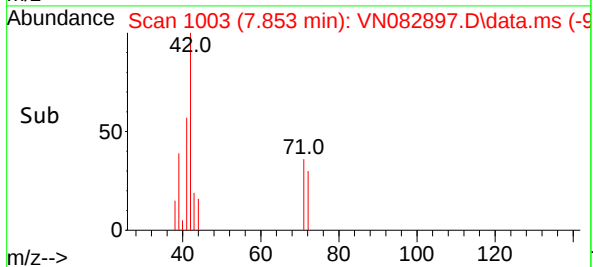
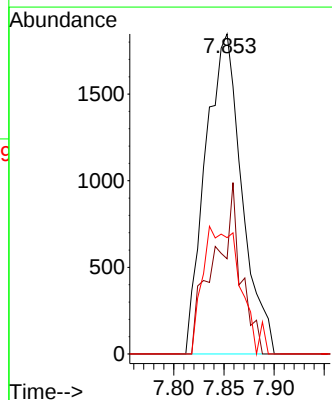
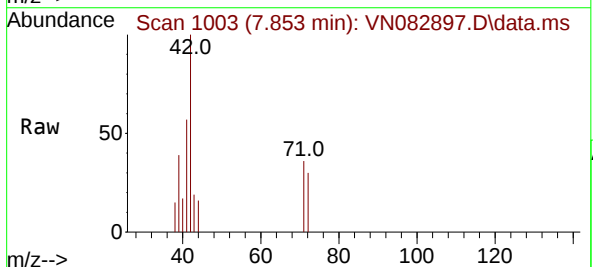


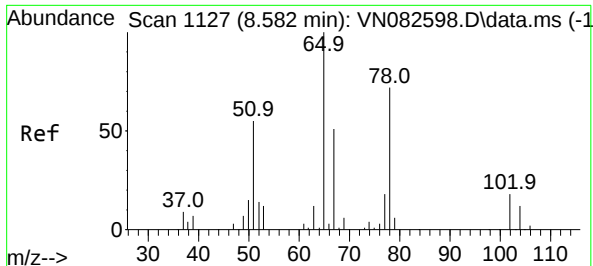
Tgt Ion:168 Resp: 82299
Ion Ratio Lower Upper
168 100
99 61.5 48.2 72.4



#29
Tetrahydrofuran
Concen: 12.095 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.012 min
Lab File: VN082897.D
Acq: 12 Jul 2024 14:16

Tgt Ion: 42 Resp: 4670
Ion Ratio Lower Upper
42 100
72 39.1 30.0 45.0
71 0.0 28.3 42.5#





#33

1,2-Dichloroethane-d4

Concen: 56.844 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN082897.D

Acq: 12 Jul 2024 14:16

Instrument :

MSVOA_N

ClientSampleId :

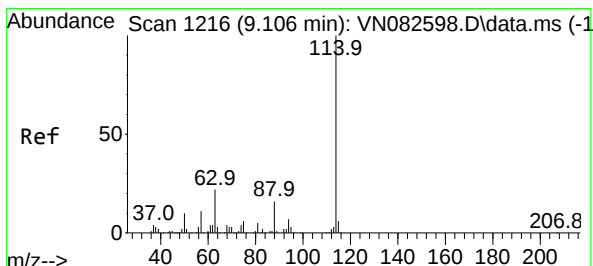
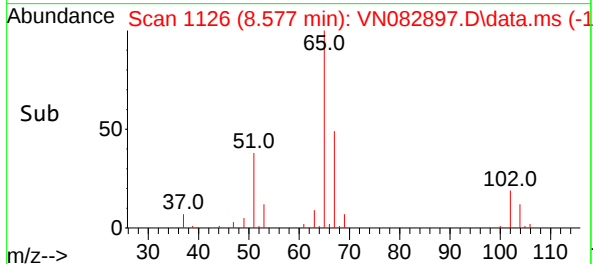
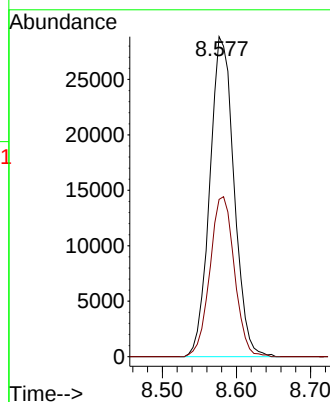
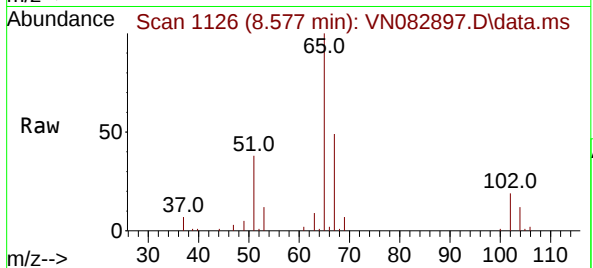
BP-VPB-189-EB-20240710

Tgt Ion: 65 Resp: 65579

Ion Ratio Lower Upper

65 100

67 50.5 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: VN082897.D

Acq: 12 Jul 2024 14:16

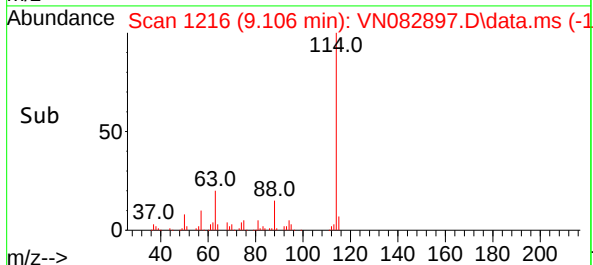
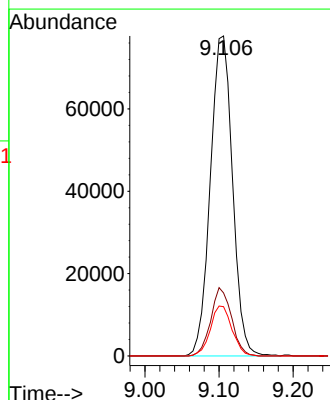
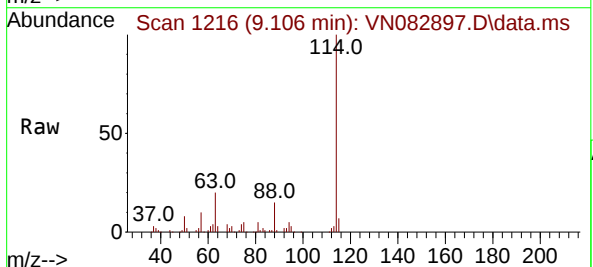
Tgt Ion: 114 Resp: 161360

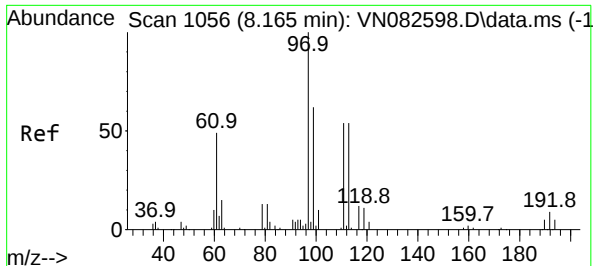
Ion Ratio Lower Upper

114 100

63 19.7 0.0 44.6

88 15.4 0.0 31.4

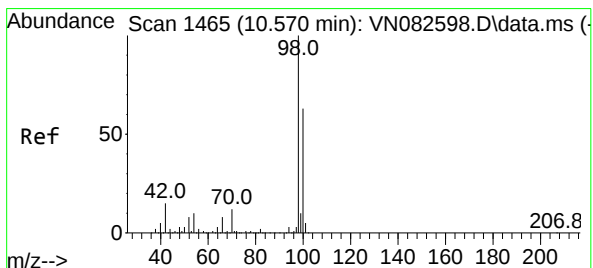
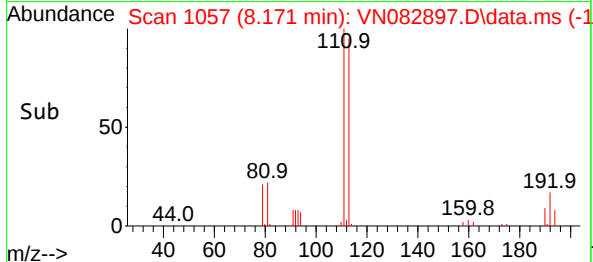
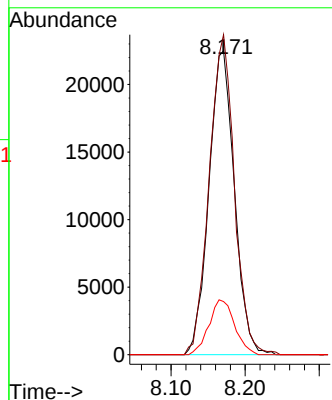
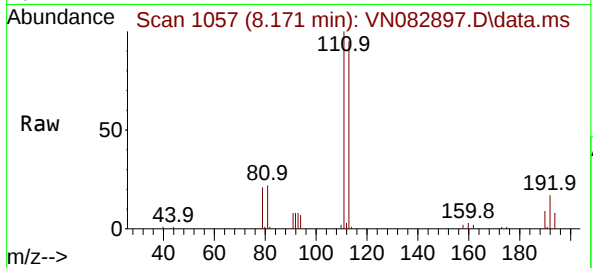




#35
Dibromofluoromethane
Concen: 52.014 ug/l
RT: 8.171 min Scan# 110
Delta R.T. 0.006 min
Lab File: VN082897.D
Acq: 12 Jul 2024 14:16

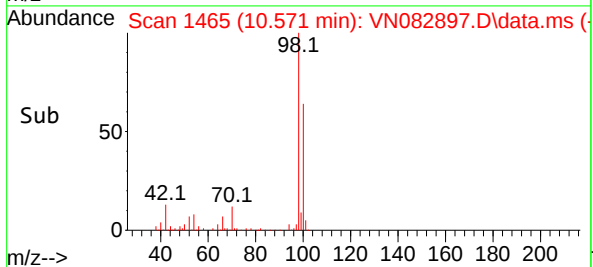
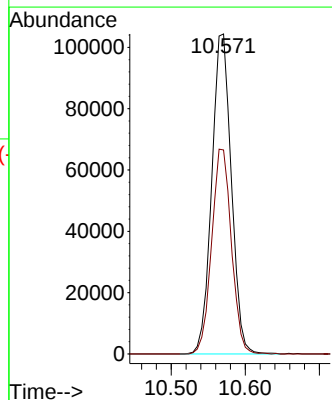
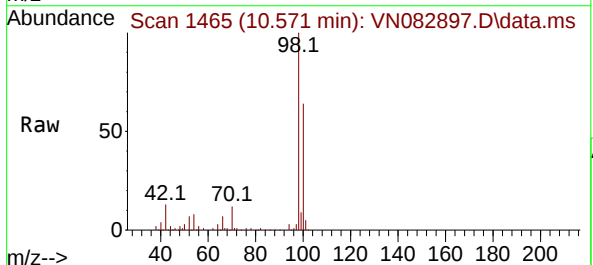
Instrument :
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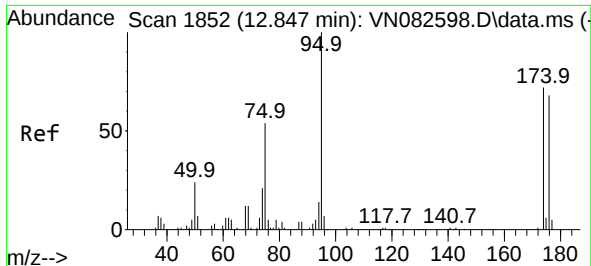
Tgt Ion:113 Resp: 53856
Ion Ratio Lower Upper
113 100
111 103.7 82.4 123.6
192 18.1 14.9 22.3



#50
Toluene-d8
Concen: 50.067 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082897.D
Acq: 12 Jul 2024 14:16

Tgt Ion: 98 Resp: 191469
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3

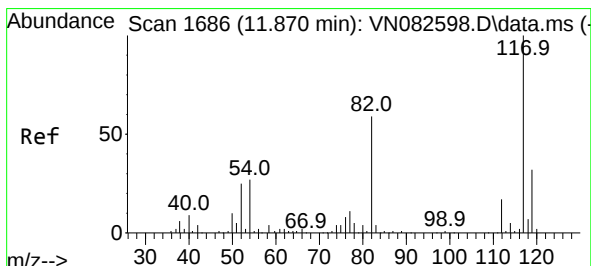
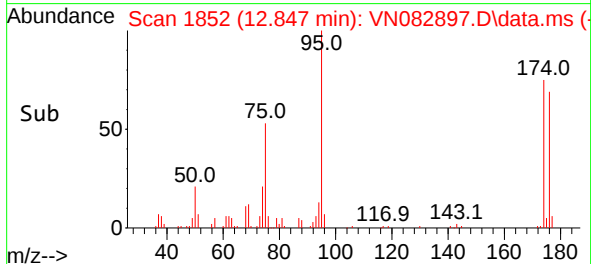
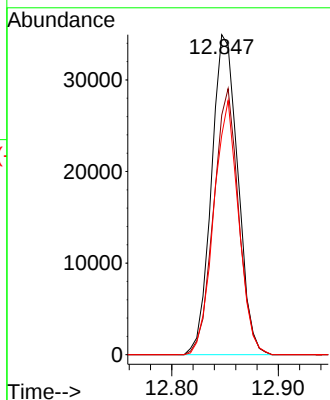
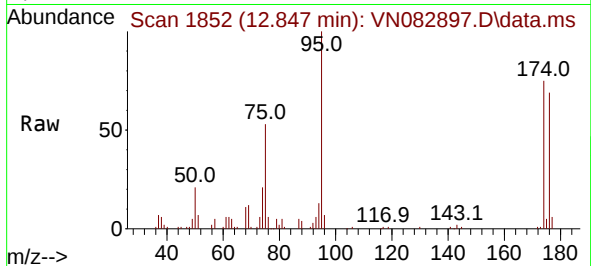




#62
4-Bromofluorobenzene
Concen: 43.750 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082897.D
Acq: 12 Jul 2024 14:16

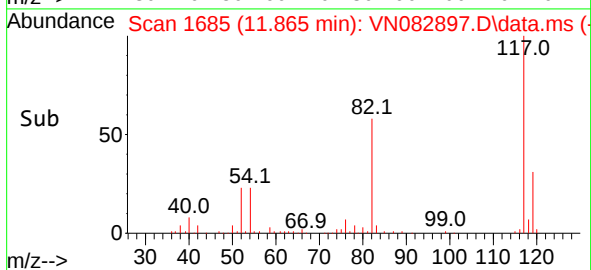
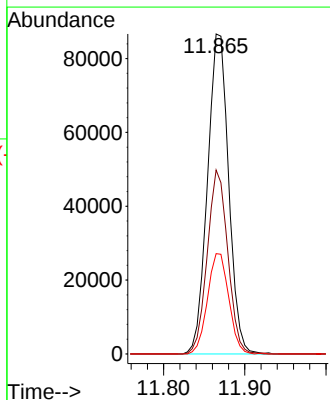
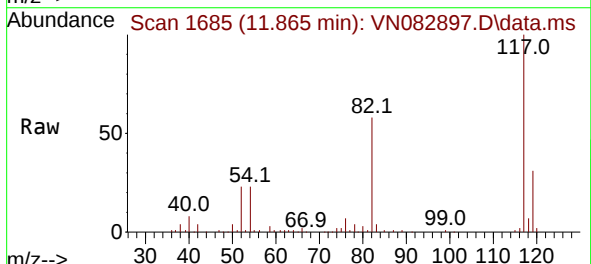
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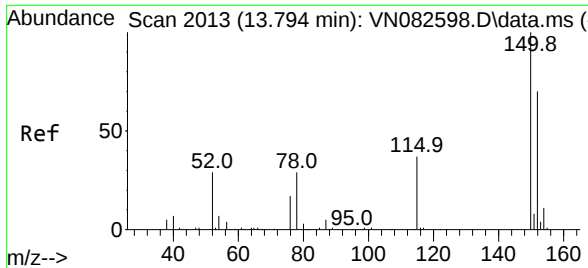
Tgt Ion: 95 Resp: 60100
Ion Ratio Lower Upper
95 100
174 78.8 0.0 159.2
176 74.9 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082897.D
Acq: 12 Jul 2024 14:16

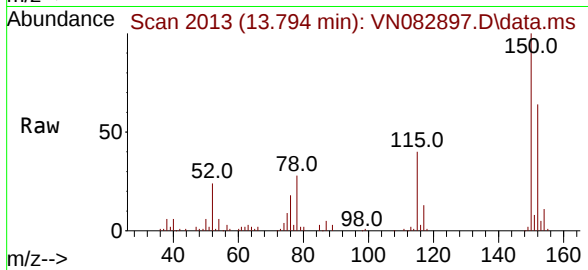
Tgt Ion: 117 Resp: 156843
Ion Ratio Lower Upper
117 100
82 57.5 47.5 71.3
119 31.3 25.6 38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN082897.D
Acq: 12 Jul 2024 14:16

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-EB-20240710



Tgt Ion:152 Resp: 59962
Ion Ratio Lower Upper
152 100
115 60.8 30.6 91.6
150 158.9 0.0 348.6

