

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062424\
 Data File : VN082698.D
 Acq On : 24 Jun 2024 13:43
 Operator : JC\MD
 Sample : P3034-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-062124

Quant Time: Jun 25 02:27:40 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	146912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	271351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	260773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108242	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	121204	51.446	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.900%
35) Dibromofluoromethane	8.165	113	89950	48.864	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.720%
50) Toluene-d8	10.571	98	320549	46.047	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.100%
62) 4-Bromofluorobenzene	12.853	95	101649	42.353	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	84.700%

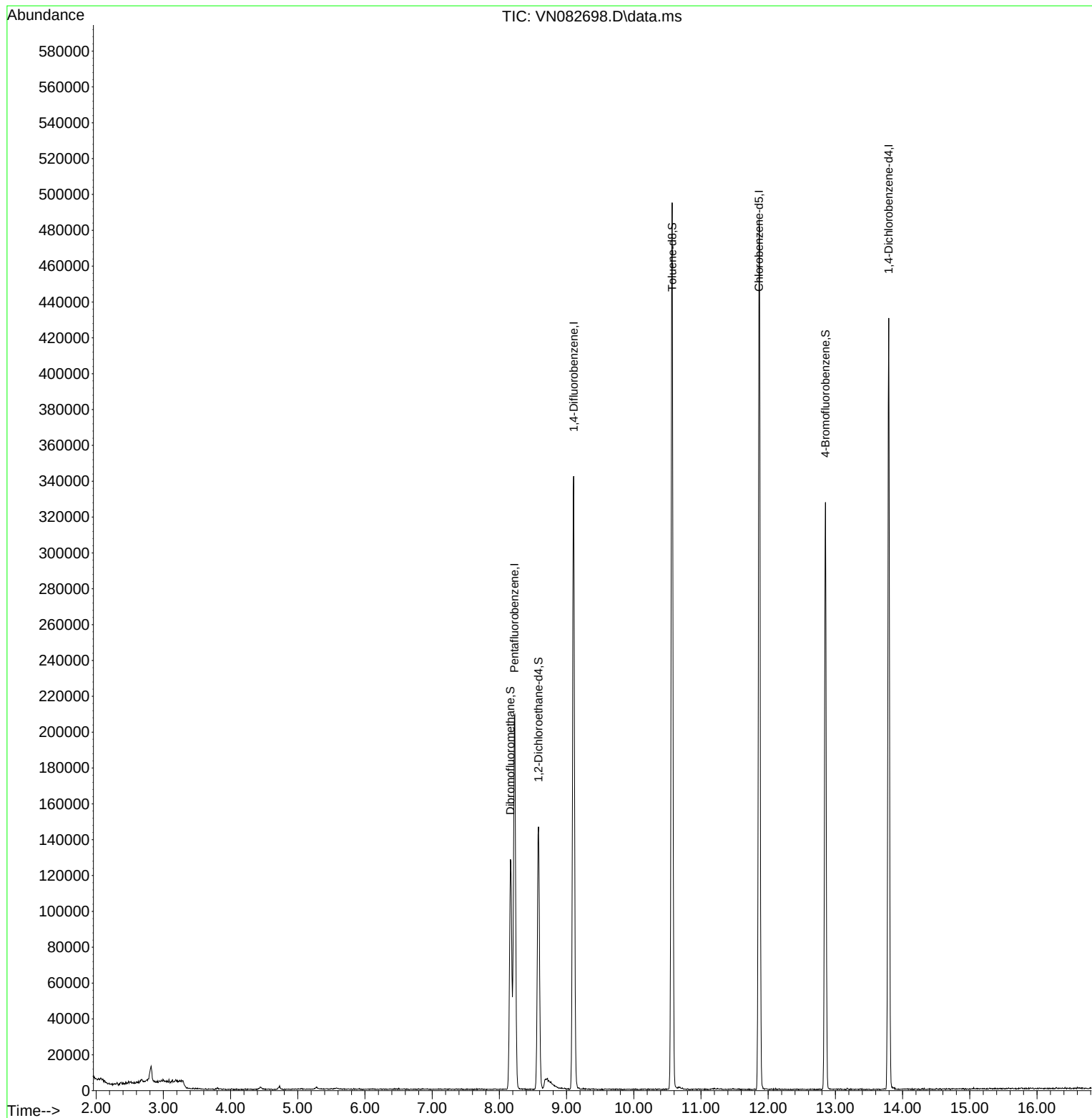
Target Compounds	Qvalue

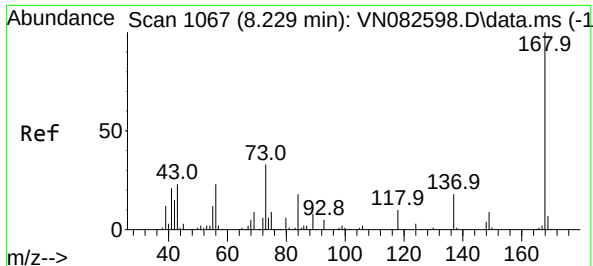
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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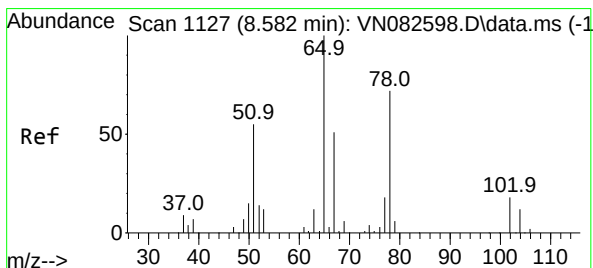
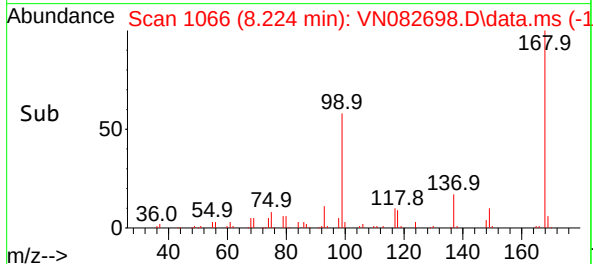
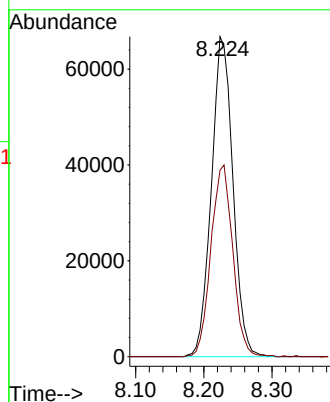
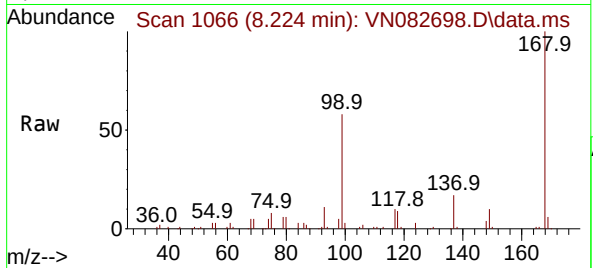




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082698.D
Acq: 24 Jun 2024 13:43

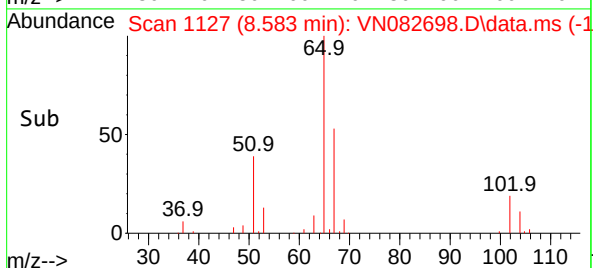
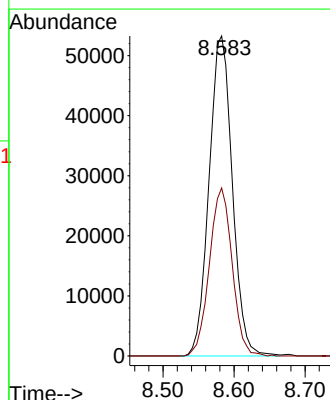
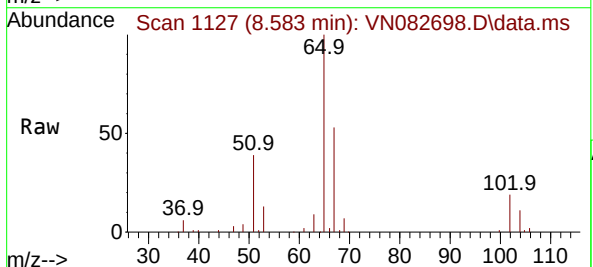
Instrument :
MSVOA_N
ClientSampleId :
TB-01-062124

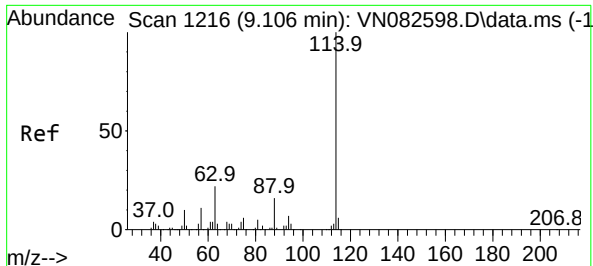
Tgt Ion:168 Resp: 146912
Ion Ratio Lower Upper
168 100
99 58.3 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 51.446 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082698.D
Acq: 24 Jun 2024 13:43

Tgt Ion: 65 Resp: 121204
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.4

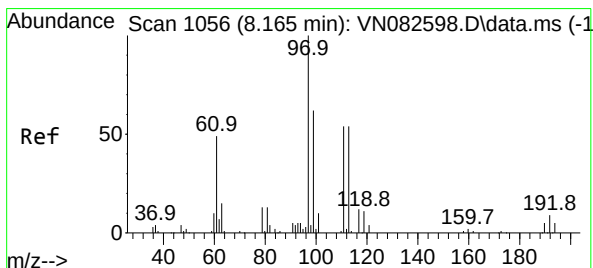
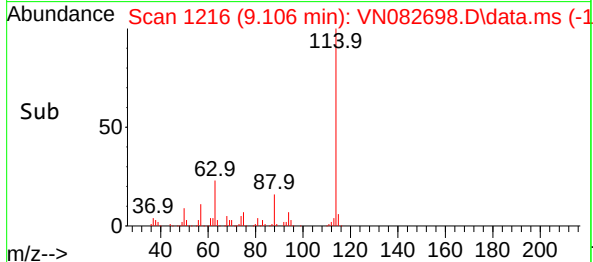
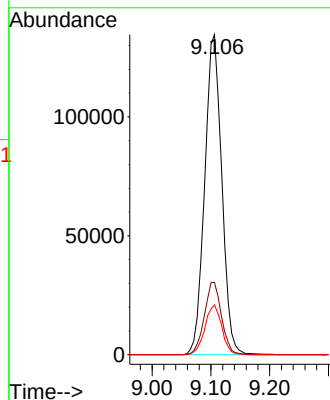
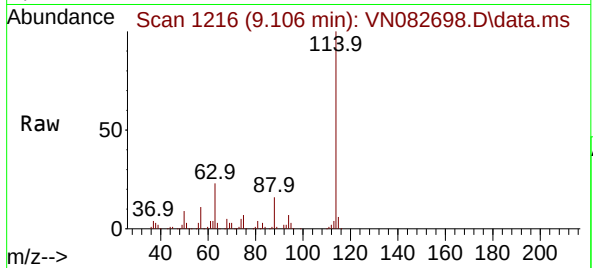




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082698.D
Acq: 24 Jun 2024 13:43

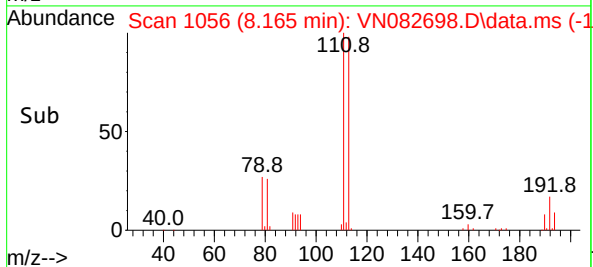
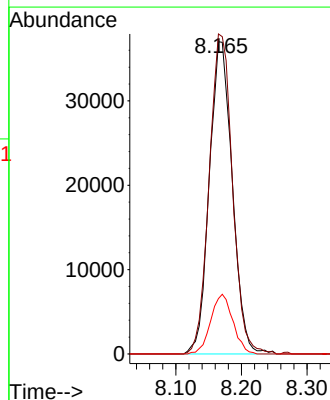
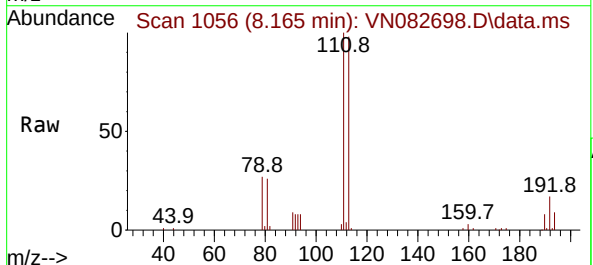
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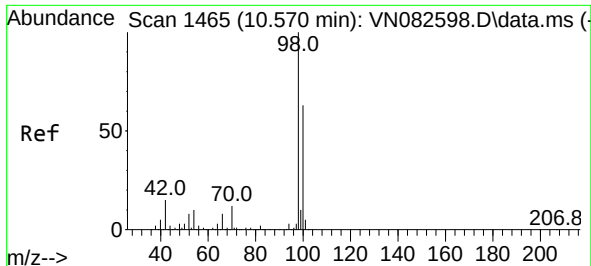
Tgt Ion:114 Resp: 271351
Ion Ratio Lower Upper
114 100
63 22.6 0.0 44.6
88 15.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 48.864 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082698.D
Acq: 24 Jun 2024 13:43

Tgt Ion:113 Resp: 89950
Ion Ratio Lower Upper
113 100
111 103.6 82.4 123.6
192 18.4 14.9 22.3

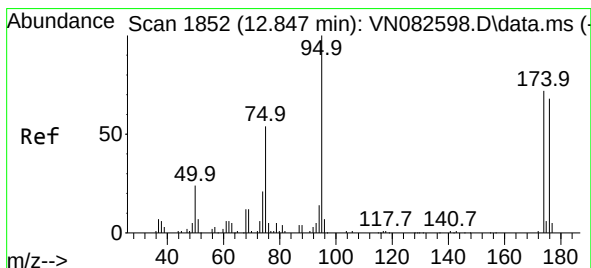
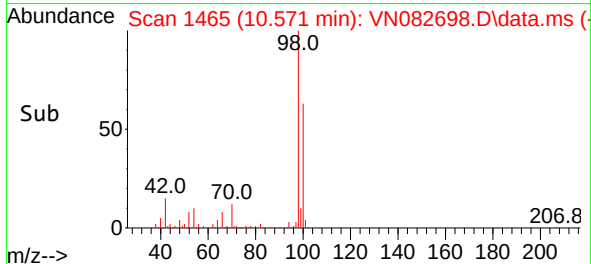
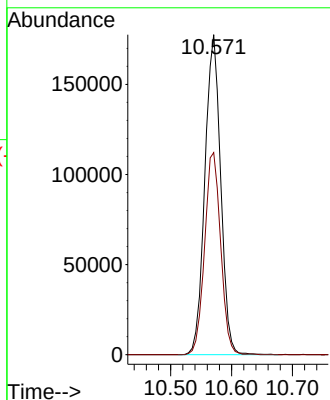
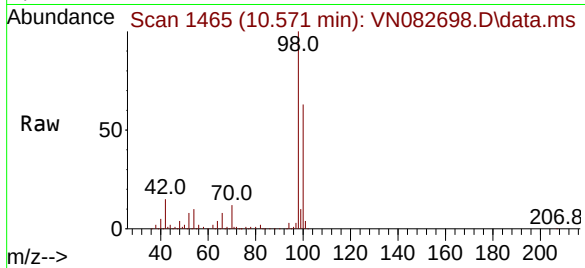




#50
Toluene-d8
Concen: 46.047 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082698.D
Acq: 24 Jun 2024 13:43

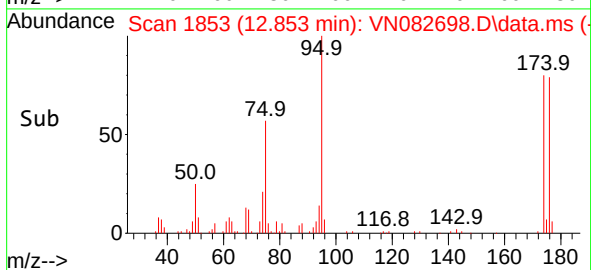
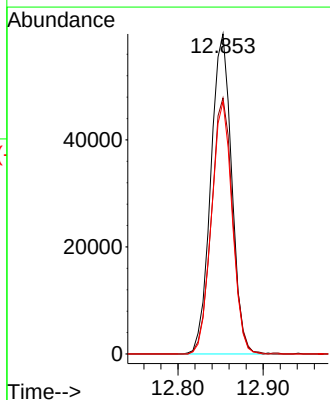
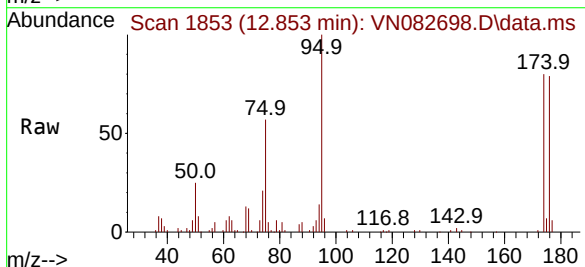
Instrument :
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TB-01-062124

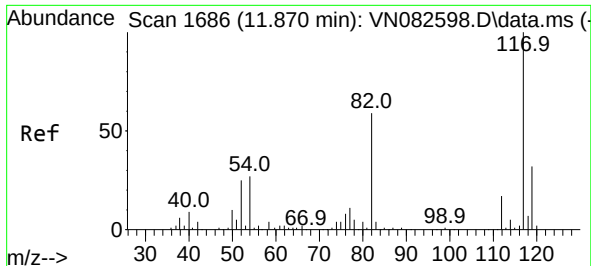
Tgt Ion: 98 Resp: 320549
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 42.353 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082698.D
Acq: 24 Jun 2024 13:43

Tgt Ion: 95 Resp: 101649
Ion Ratio Lower Upper
95 100
174 80.9 0.0 159.2
176 78.0 0.0 147.6

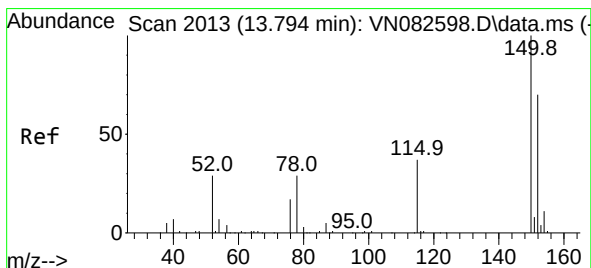
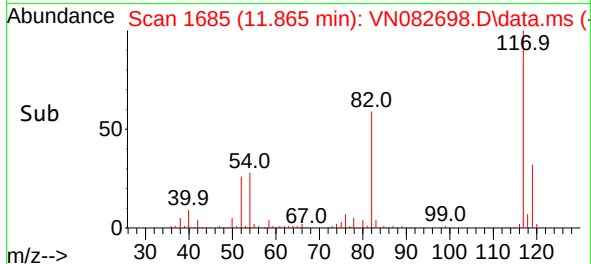
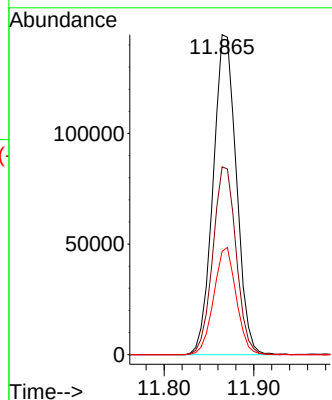
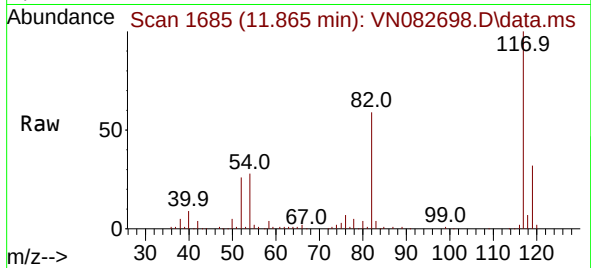




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082698.D
Acq: 24 Jun 2024 13:43

Instrument :
MSVOA_N
ClientSampleId :
TB-01-062124

Tgt Ion:117 Resp: 260773
Ion Ratio Lower Upper
117 100
82 58.7 47.5 71.3
119 32.3 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: VN082698.D
Acq: 24 Jun 2024 13:43

Tgt Ion:152 Resp: 108242
Ion Ratio Lower Upper
152 100
115 60.1 30.6 91.6
150 157.9 0.0 348.6

