

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061924\
 Data File : VN082630.D
 Acq On : 19 Jun 2024 10:32
 Operator : JC\MD
 Sample : VN0619MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619MBL01

Quant Time: Jun 20 02:56:01 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	134554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	244675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	236240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97342	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	120408	55.802	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.600%
35) Dibromofluoromethane	8.171	113	88919	53.570	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.140%
50) Toluene-d8	10.571	98	318491	50.740	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.480%
62) 4-Bromofluorobenzene	12.853	95	100323	46.358	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	92.720%

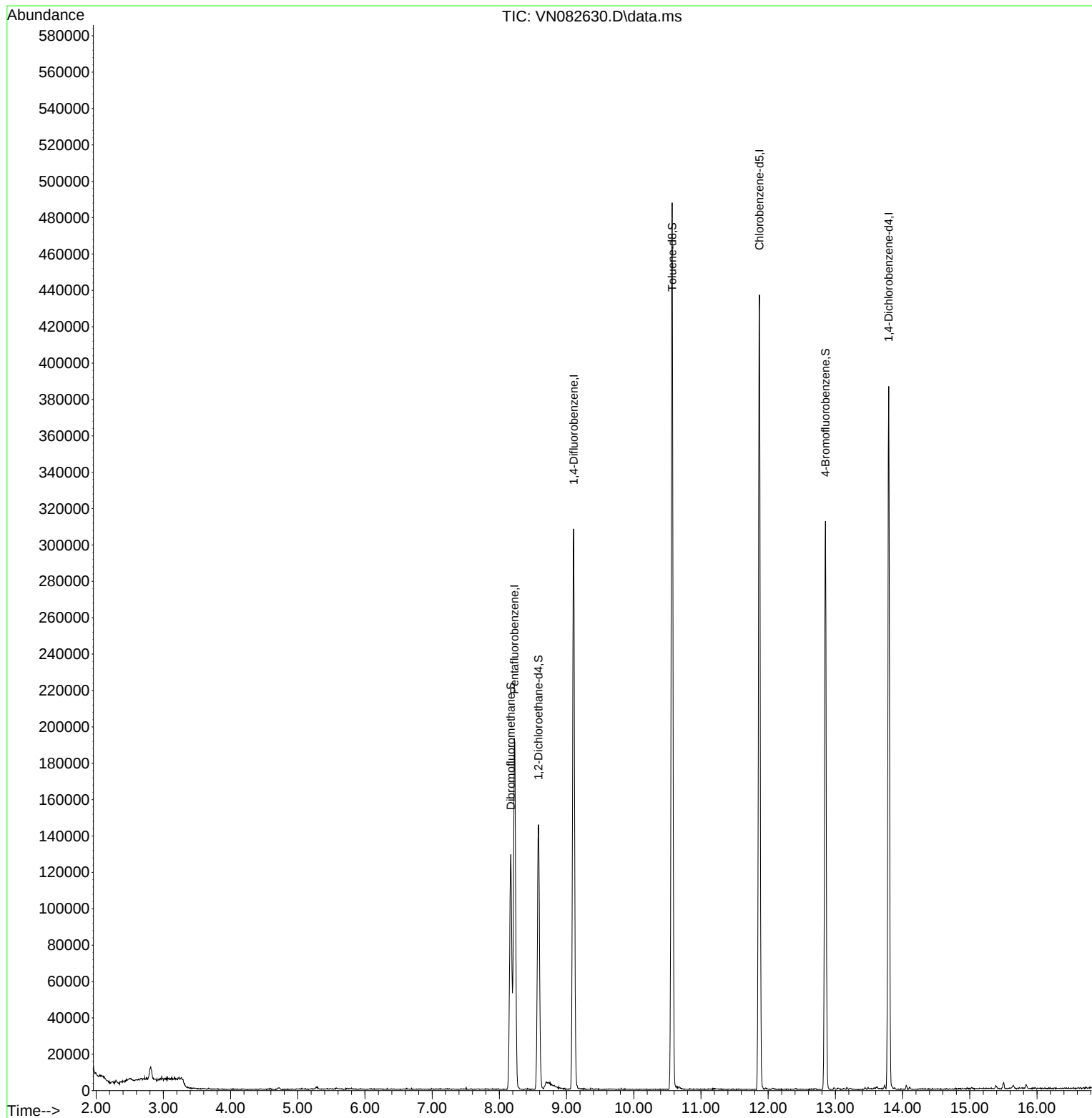
Target Compounds	Qvalue

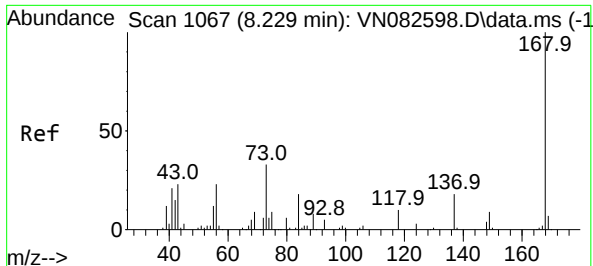
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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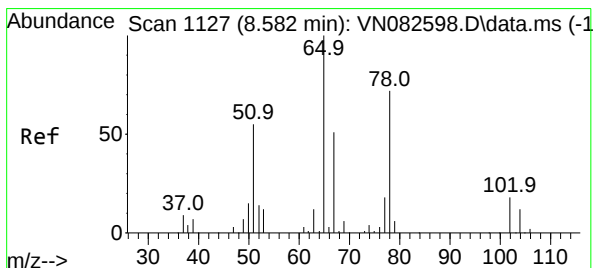
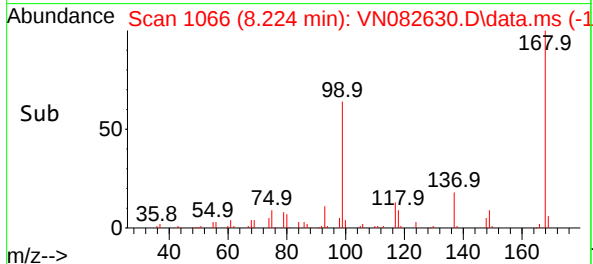
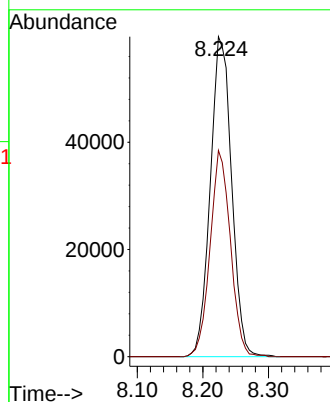
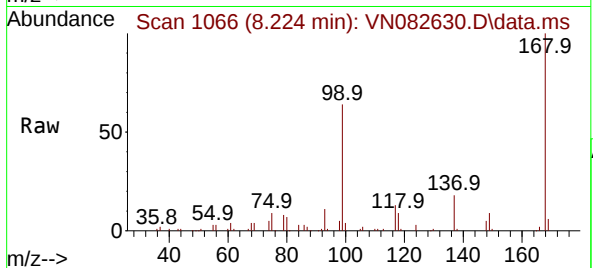




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082630.D
Acq: 19 Jun 2024 10:32

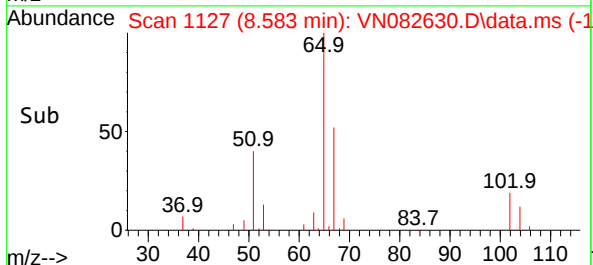
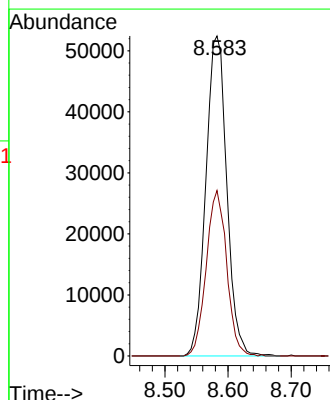
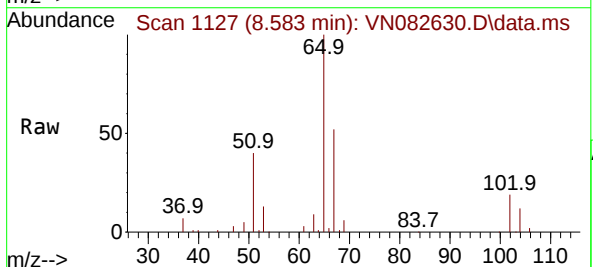
Instrument :
MSVOA_N
ClientSampleId :
VN0619MBL01

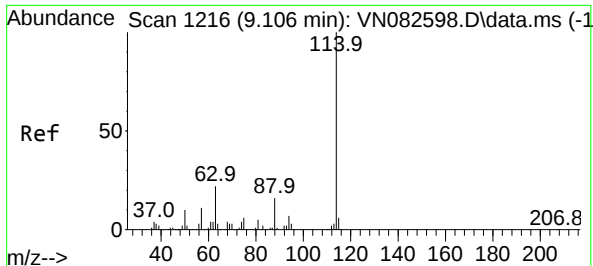
Tgt Ion:168 Resp: 134554
Ion Ratio Lower Upper
168 100
99 64.5 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 55.802 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082630.D
Acq: 19 Jun 2024 10:32

Tgt Ion: 65 Resp: 120408
Ion Ratio Lower Upper
65 100
67 50.6 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: VN082630.D

Acq: 19 Jun 2024 10:32

Instrument :

MSVOA_N

ClientSampleId :

VN0619MBL01

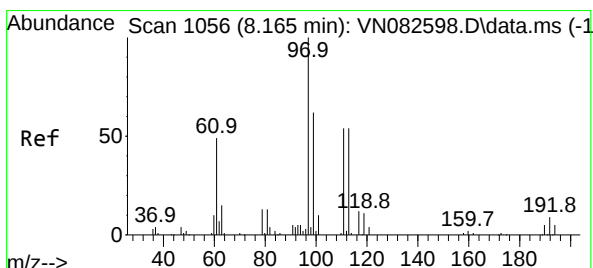
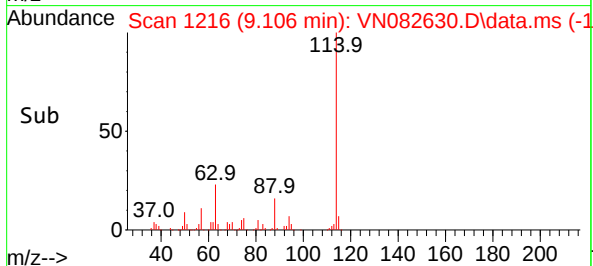
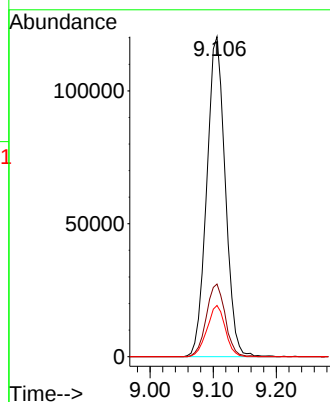
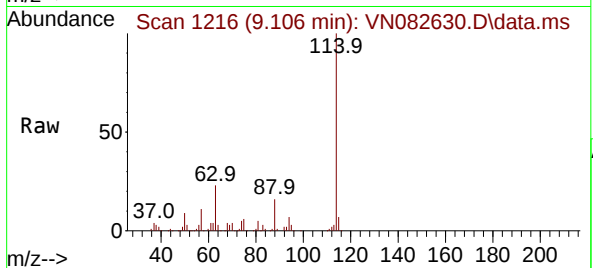
Tgt Ion:114 Resp: 244675

Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.6

88 16.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.570 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082630.D

Acq: 19 Jun 2024 10:32

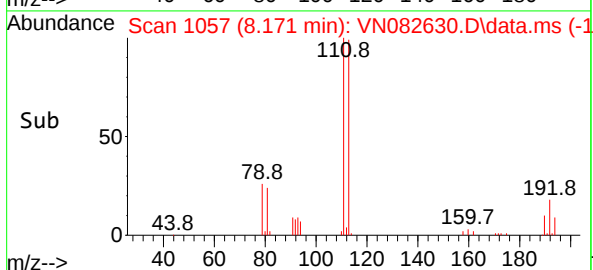
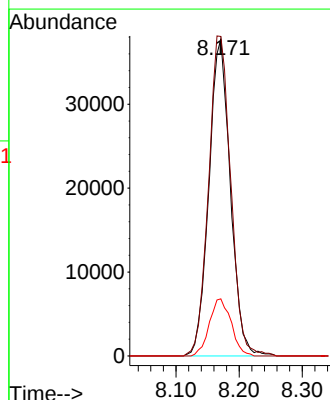
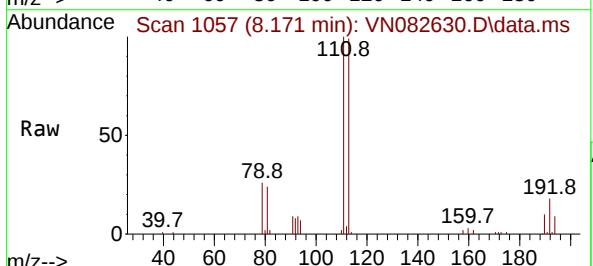
Tgt Ion:113 Resp: 88919

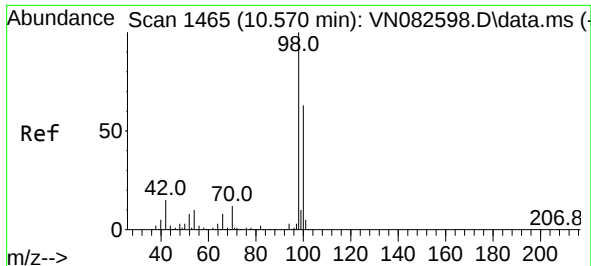
Ion Ratio Lower Upper

113 100

111 104.5 82.4 123.6

192 18.4 14.9 22.3

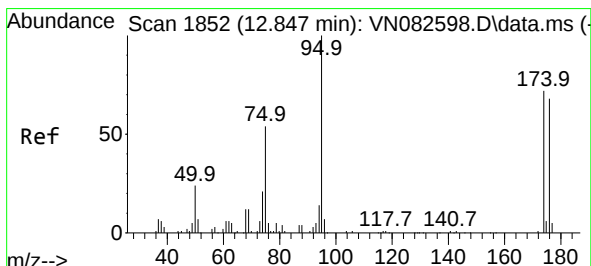
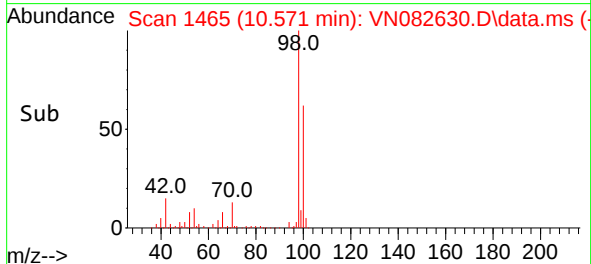
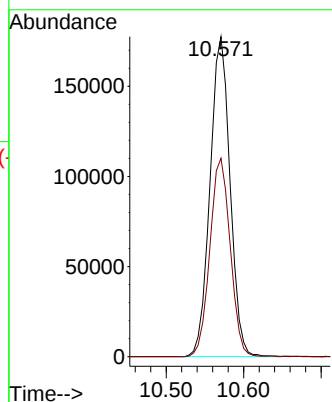
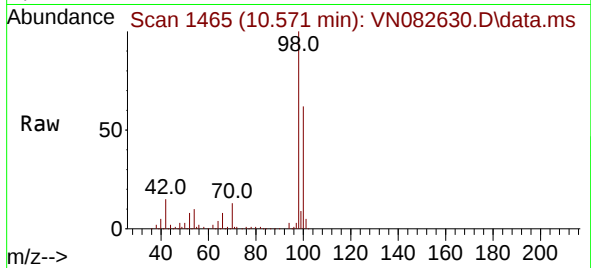




#50
Toluene-d8
Concen: 50.740 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082630.D
Acq: 19 Jun 2024 10:32

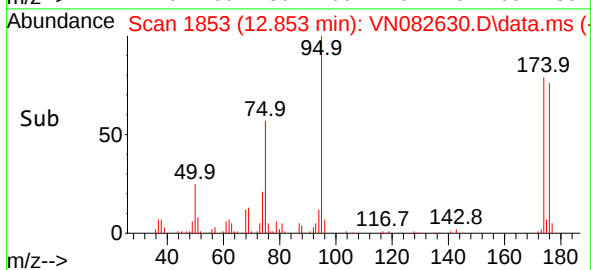
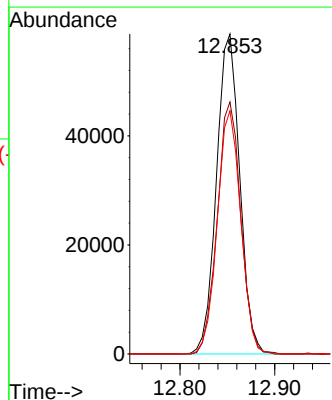
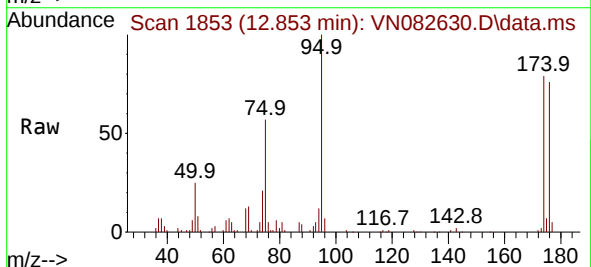
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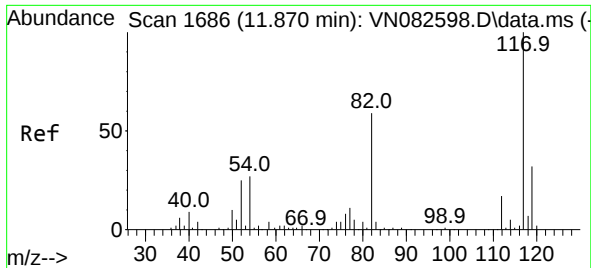
Tgt Ion: 98 Resp: 318491
Ion Ratio Lower Upper
98 100
100 63.0 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 46.358 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082630.D
Acq: 19 Jun 2024 10:32

Tgt Ion: 95 Resp: 100323
Ion Ratio Lower Upper
95 100
174 79.5 0.0 159.2
176 76.5 0.0 147.6

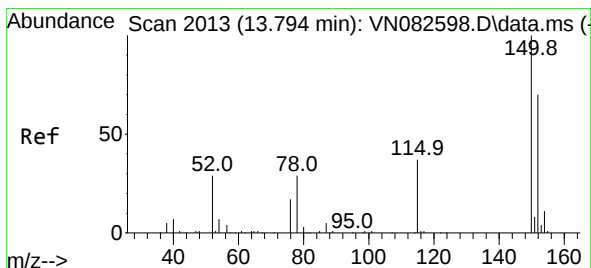
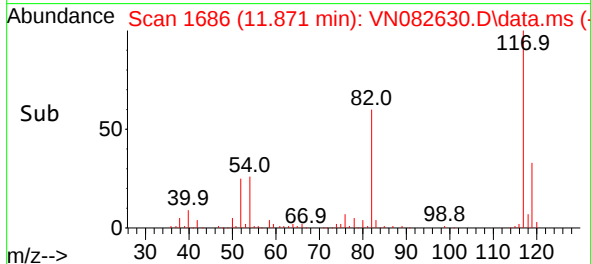
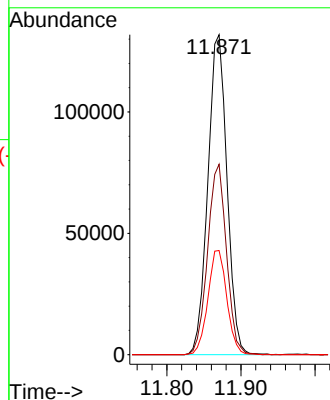
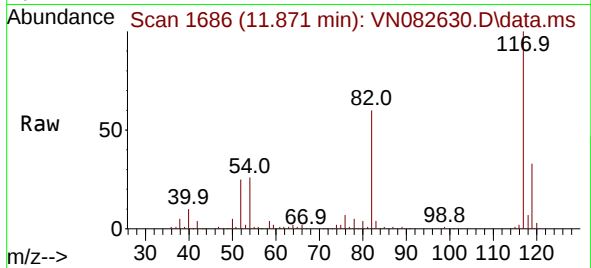




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VN082630.D
Acq: 19 Jun 2024 10:32

Instrument :
MSVOA_N
ClientSampleId :
VN0619MBL01

Tgt Ion:117 Resp: 236240
Ion Ratio Lower Upper
117 100
82 59.5 47.5 71.3
119 32.5 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: VN082630.D
Acq: 19 Jun 2024 10:32

Tgt Ion:152 Resp: 97342
Ion Ratio Lower Upper
152 100
115 59.7 30.6 91.6
150 156.6 0.0 348.6

