

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061924\
 Data File : VN082631.D
 Acq On : 19 Jun 2024 10:57
 Operator : JC\MD
 Sample : VN0619WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBL01

Quant Time: Jun 20 02:56:27 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	137772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	251483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	244059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97935	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	123219	55.771	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.540%
35) Dibromofluoromethane	8.165	113	90718	53.175	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.340%
50) Toluene-d8	10.571	98	324321	50.270	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.540%
62) 4-Bromofluorobenzene	12.853	95	101992	45.854	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	91.700%

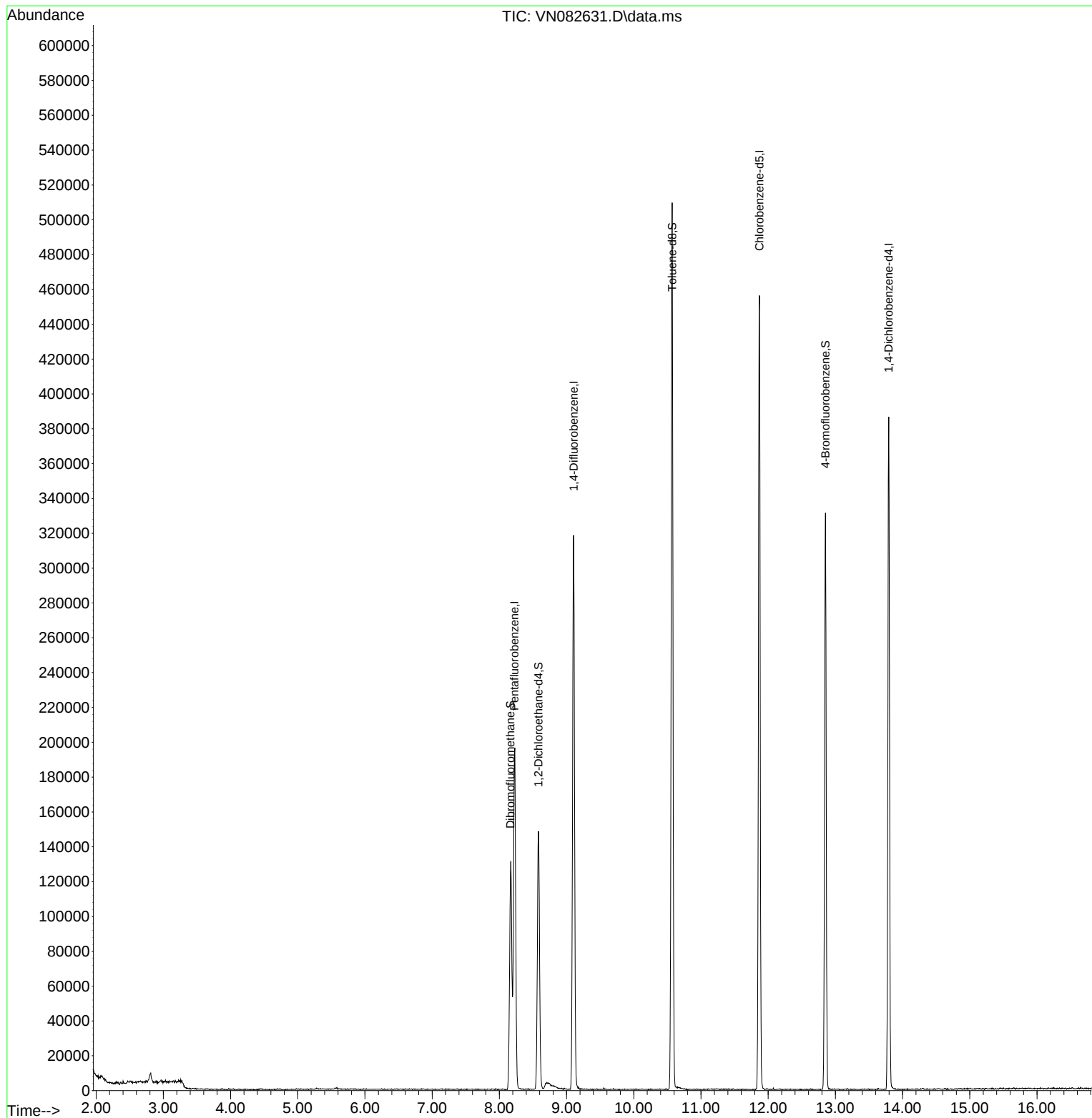
Target Compounds	Qvalue

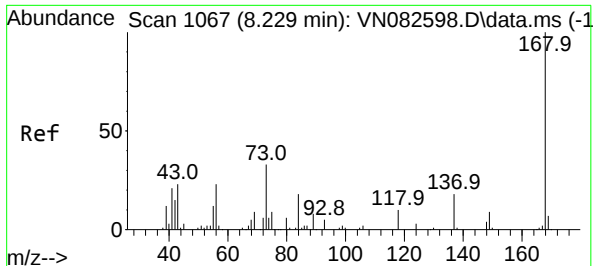
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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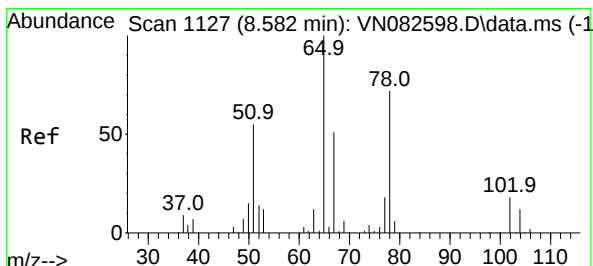
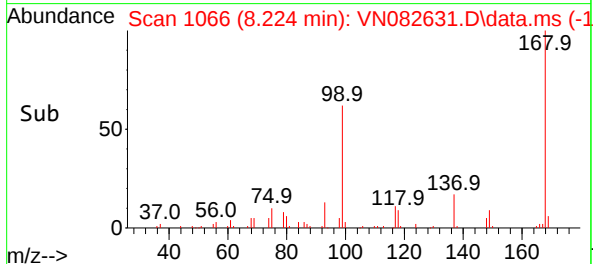
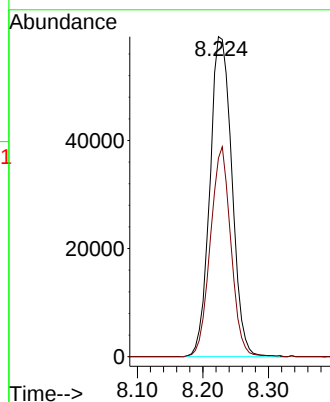
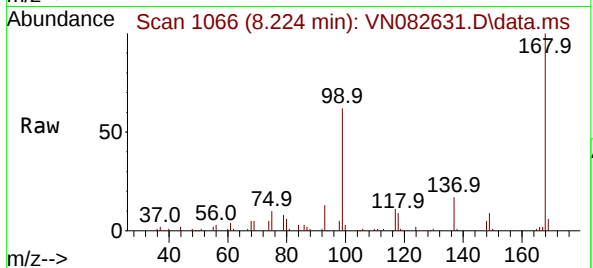




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082631.D
Acq: 19 Jun 2024 10:57

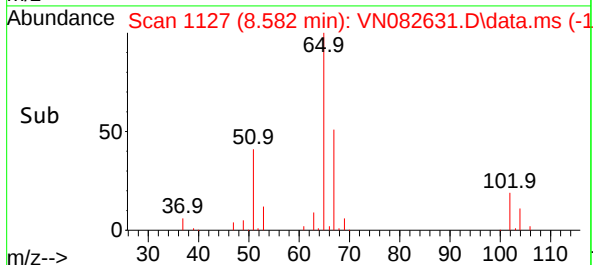
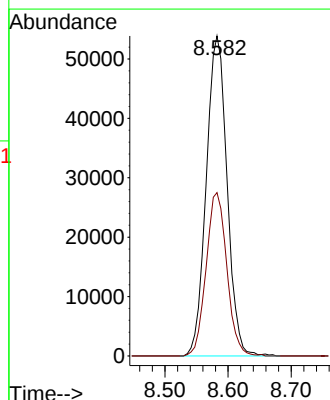
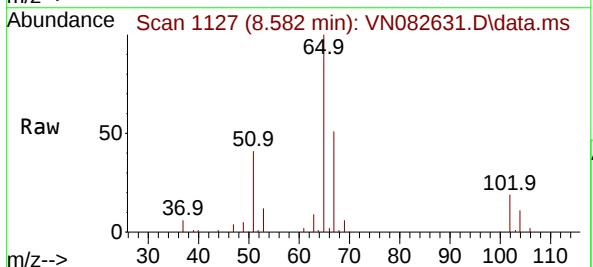
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBL01

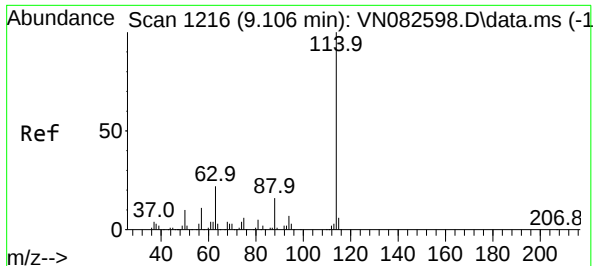
Tgt Ion:168 Resp: 137772
Ion Ratio Lower Upper
168 100
99 62.1 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 55.771 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082631.D
Acq: 19 Jun 2024 10:57

Tgt Ion: 65 Resp: 123219
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.4

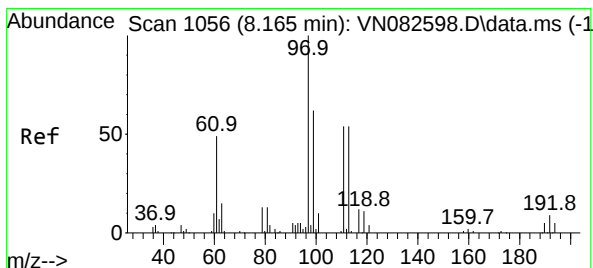
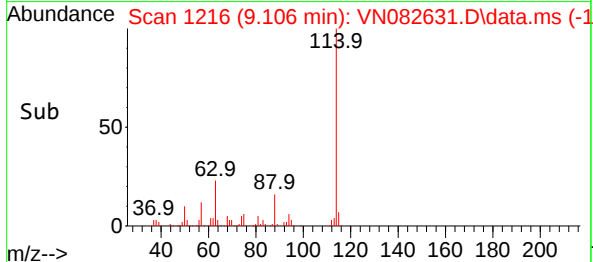
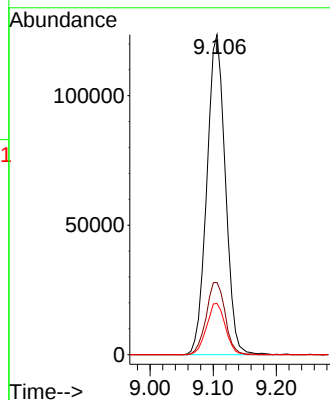
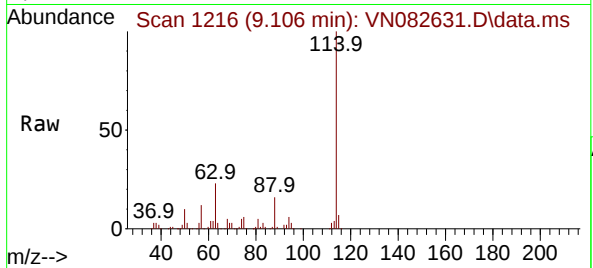




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082631.D
Acq: 19 Jun 2024 10:57

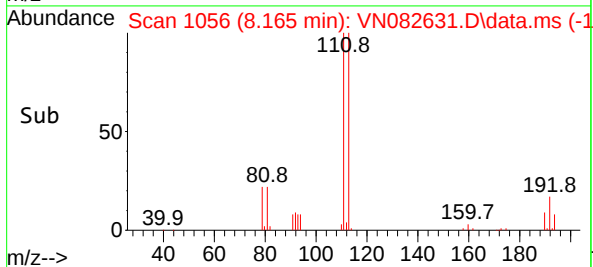
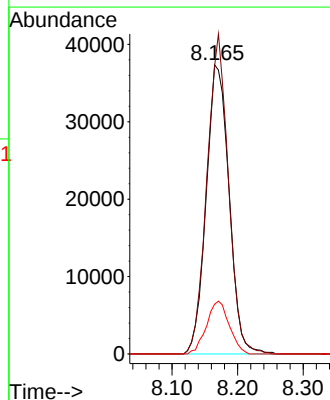
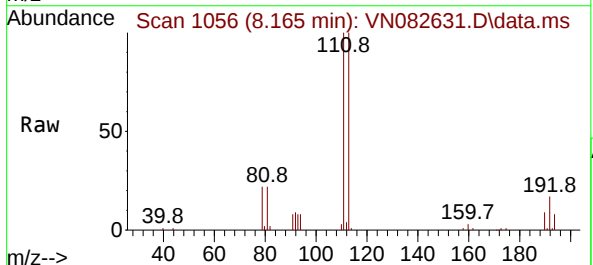
Instrument :
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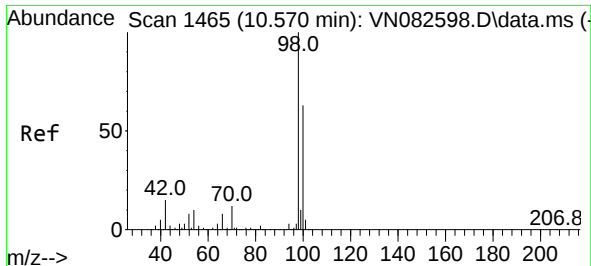
Tgt Ion:114 Resp: 251483
Ion Ratio Lower Upper
114 100
63 22.6 0.0 44.6
88 16.0 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.175 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082631.D
Acq: 19 Jun 2024 10:57

Tgt Ion:113 Resp: 90718
Ion Ratio Lower Upper
113 100
111 103.4 82.4 123.6
192 18.1 14.9 22.3

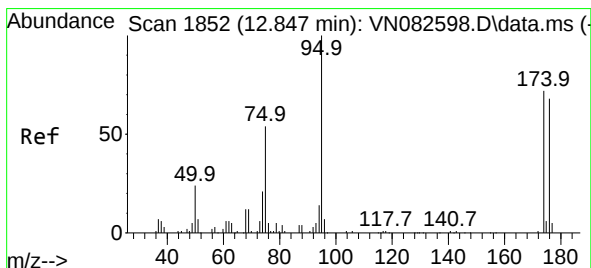
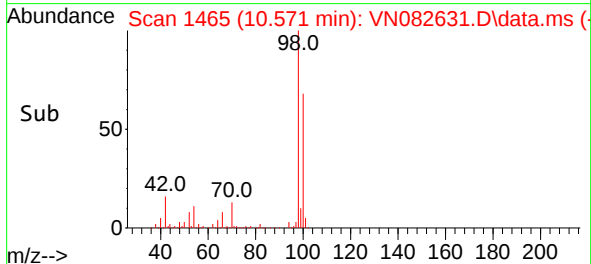
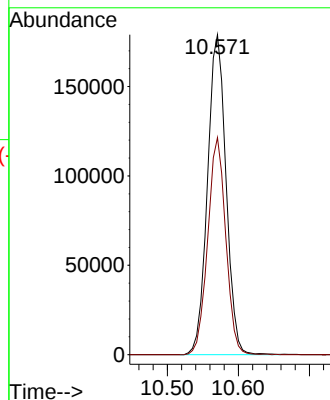
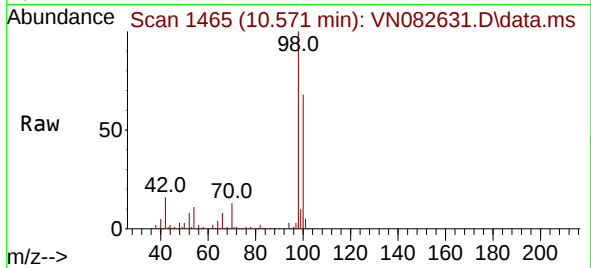




#50
Toluene-d8
Concen: 50.270 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082631.D
Acq: 19 Jun 2024 10:57

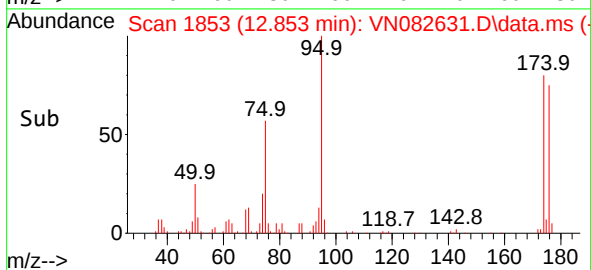
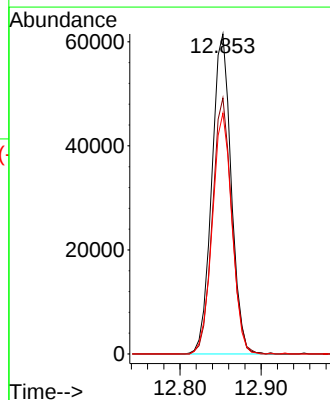
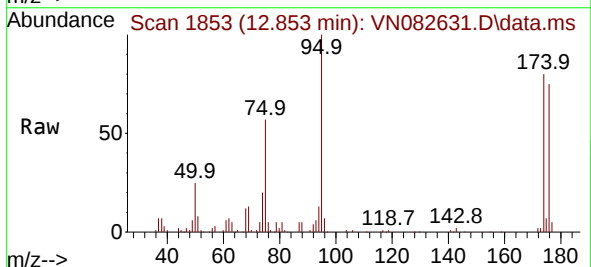
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBL01

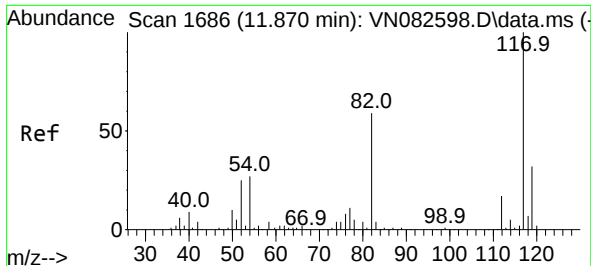
Tgt Ion: 98 Resp: 324321
Ion Ratio Lower Upper
98 100
100 66.1 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 45.854 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082631.D
Acq: 19 Jun 2024 10:57

Tgt Ion: 95 Resp: 101992
Ion Ratio Lower Upper
95 100
174 79.7 0.0 159.2
176 76.0 0.0 147.6

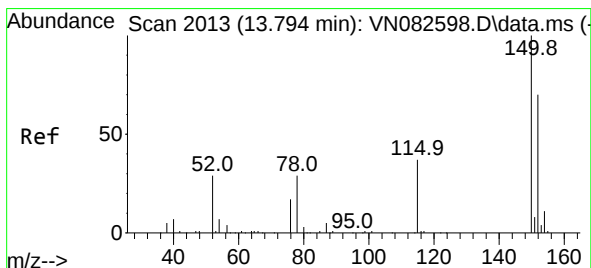
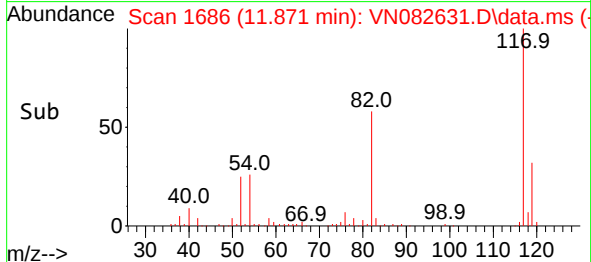
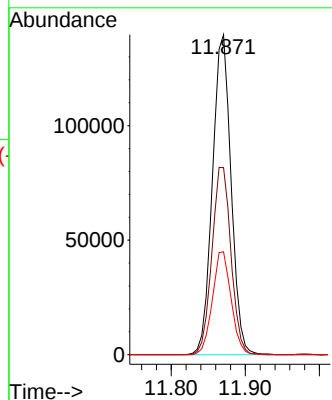
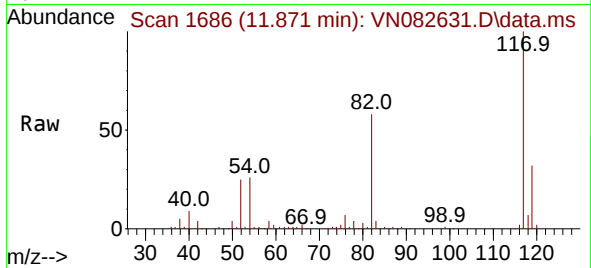




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082631.D
Acq: 19 Jun 2024 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBL01

Tgt Ion:117 Resp: 244059
Ion Ratio Lower Upper
117 100
82 58.5 47.5 71.3
119 32.2 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: VN082631.D
Acq: 19 Jun 2024 10:57

Tgt Ion:152 Resp: 97935
Ion Ratio Lower Upper
152 100
115 62.1 30.6 91.6
150 158.9 0.0 348.6

