

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062024\
 Data File : VN082671.D
 Acq On : 20 Jun 2024 16:25
 Operator : JC\MD
 Sample : P2993-02 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 56A

Quant Time: Jun 21 02:08:19 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	8.229	168	130921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	243084	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	246128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102261	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	120433	57.363	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.720%
35) Dibromofluoromethane	8.171	113	92145	55.877	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.760%
50) Toluene-d8	10.570	98	319491	51.232	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.460%
62) 4-Bromofluorobenzene	12.853	95	106306	49.445	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	98.880%

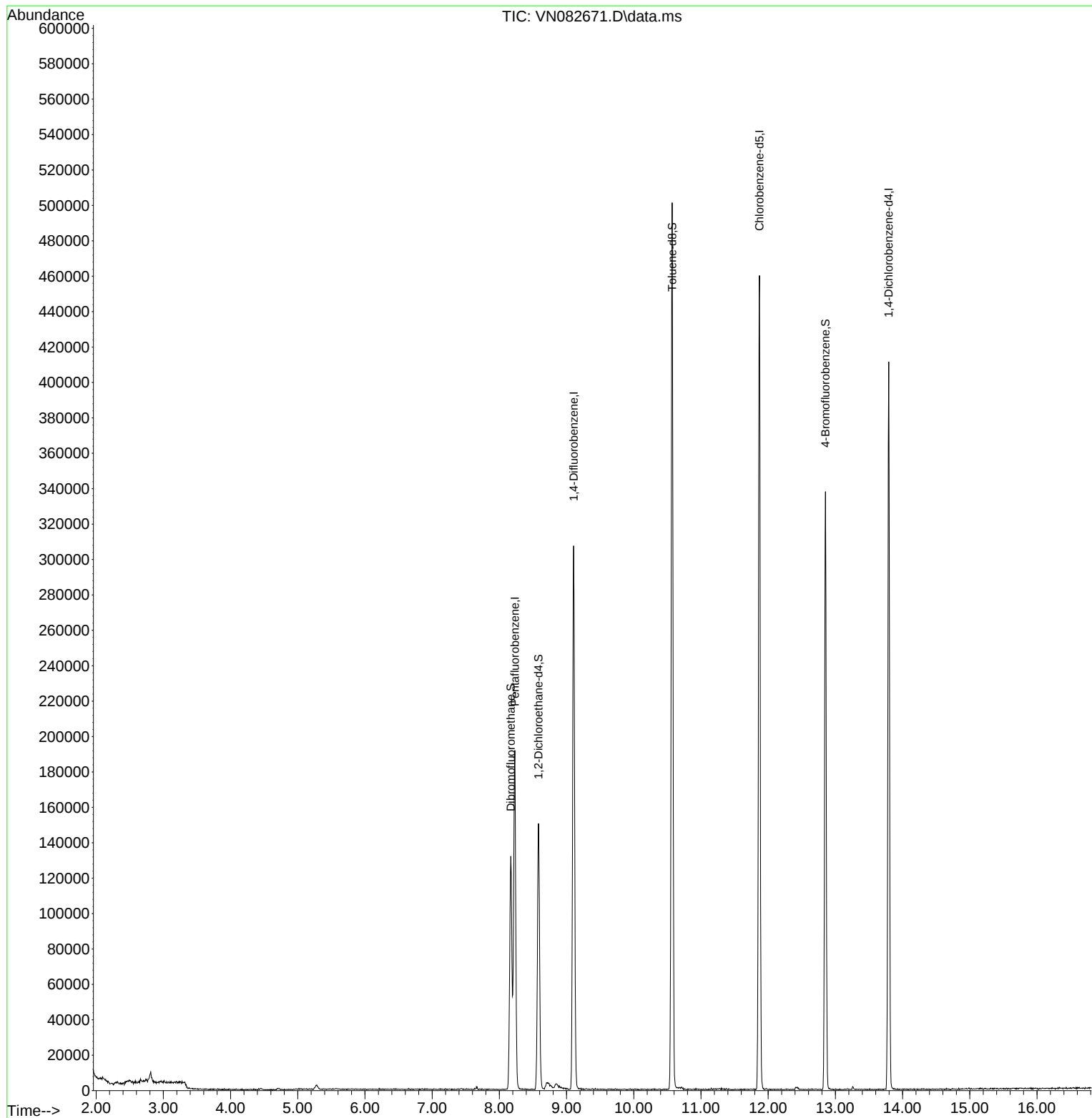
Target Compounds	Qvalue

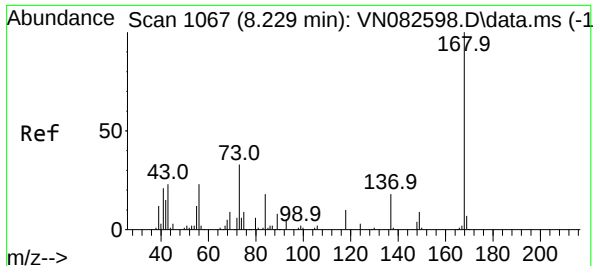
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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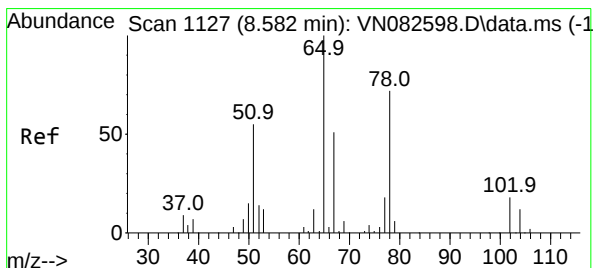
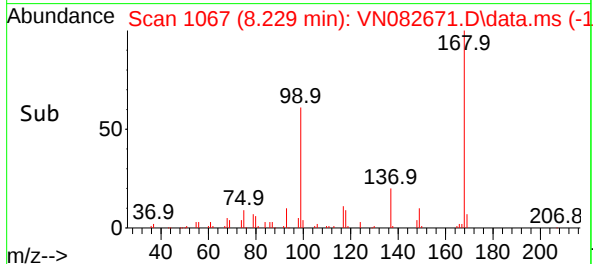
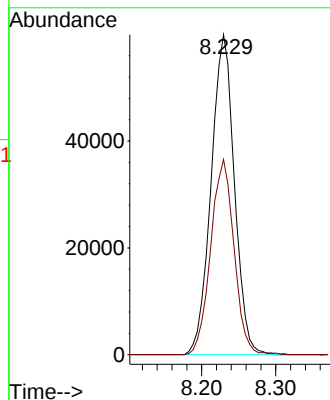
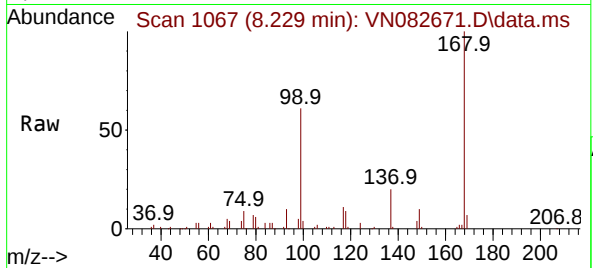




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN082671.D
Acq: 20 Jun 2024 16:25

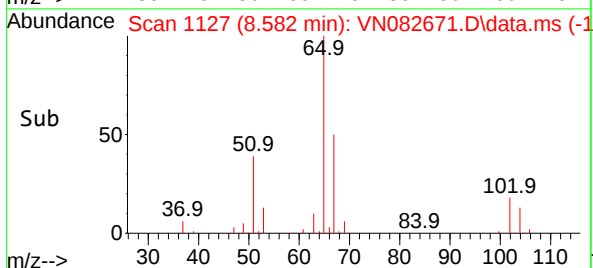
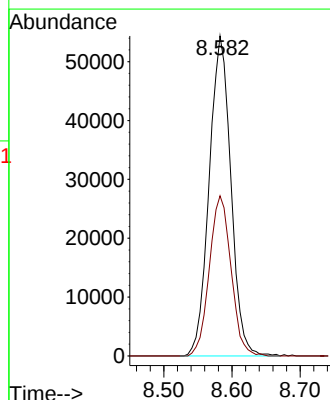
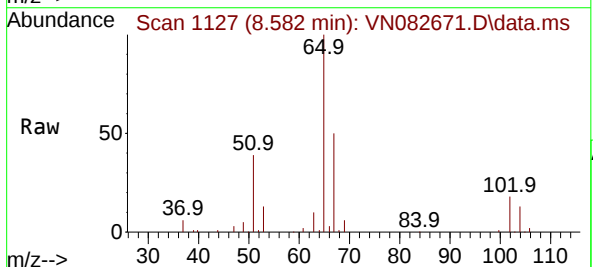
Instrument :
MSVOA_N
ClientSampleId :
56A

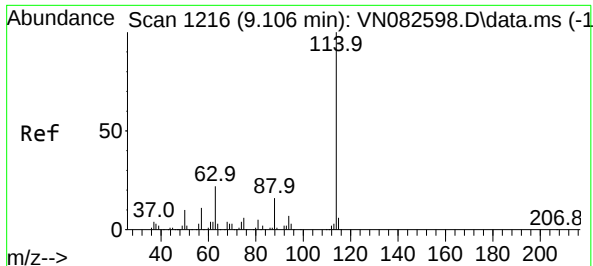
Tgt Ion:168 Resp: 130921
Ion Ratio Lower Upper
168 100
99 61.0 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 57.363 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082671.D
Acq: 20 Jun 2024 16:25

Tgt Ion: 65 Resp: 120433
Ion Ratio Lower Upper
65 100
67 50.0 0.0 104.4

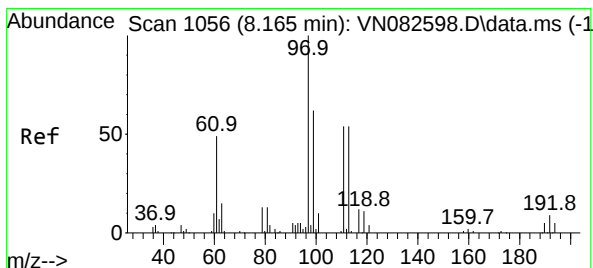
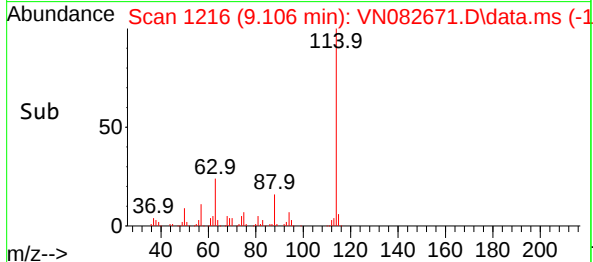
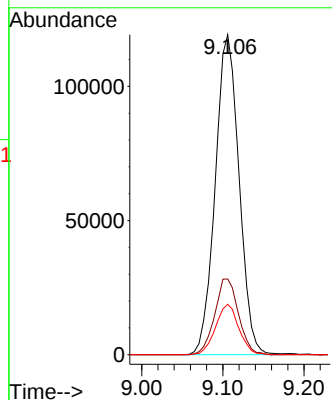
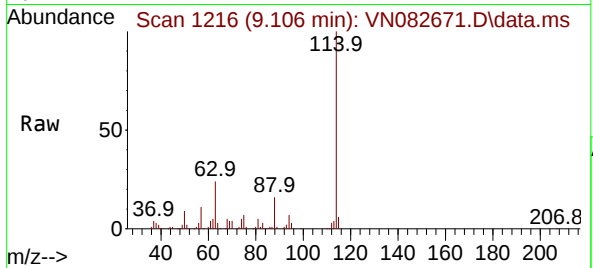




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082671.D
Acq: 20 Jun 2024 16:25

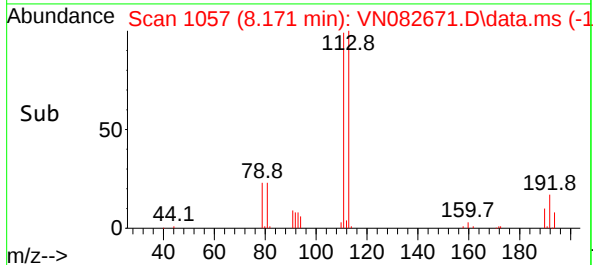
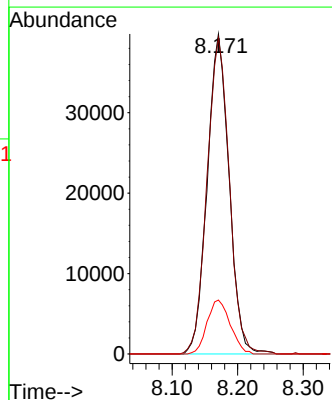
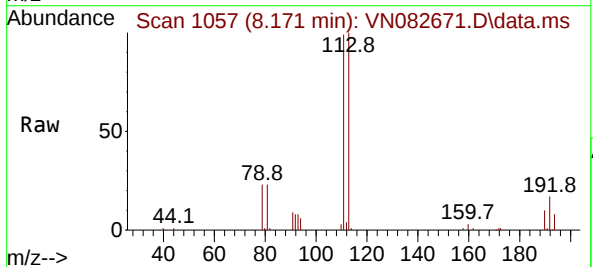
Instrument :
MSVOA_N
ClientSampleId :
56A

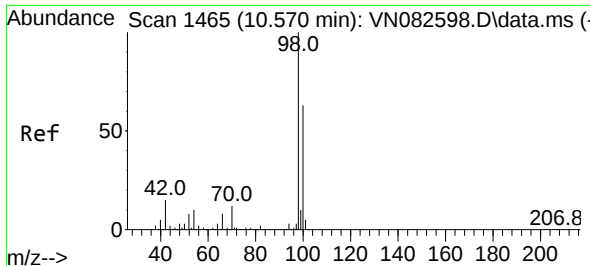
Tgt Ion:114 Resp: 243084
Ion Ratio Lower Upper
114 100
63 23.7 0.0 44.6
88 15.7 0.0 31.4



#35
Dibromofluoromethane
Concen: 55.877 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082671.D
Acq: 20 Jun 2024 16:25

Tgt Ion:113 Resp: 92145
Ion Ratio Lower Upper
113 100
111 100.9 82.4 123.6
192 17.8 14.9 22.3

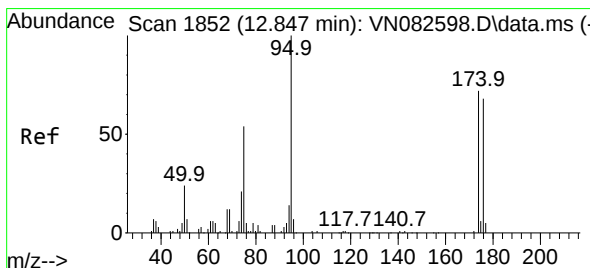
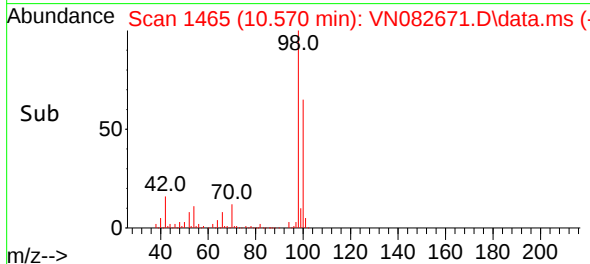
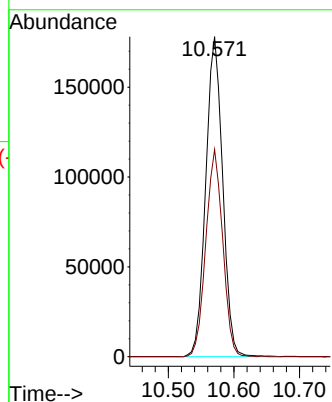
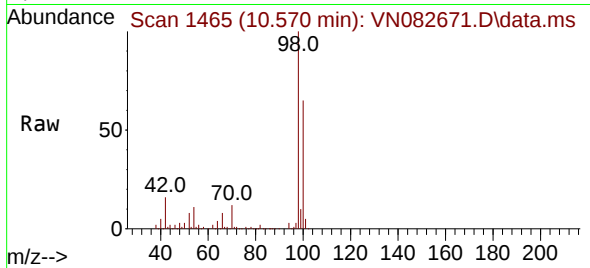




#50
Toluene-d8
Concen: 51.232 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082671.D
Acq: 20 Jun 2024 16:25

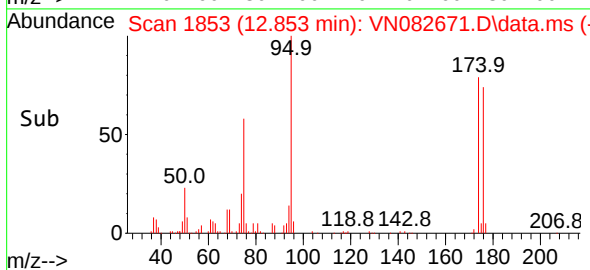
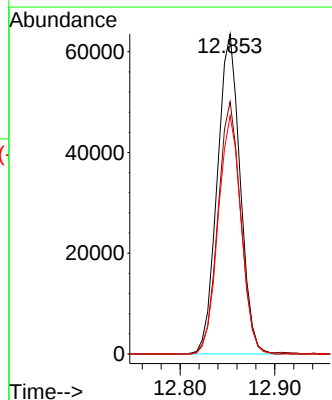
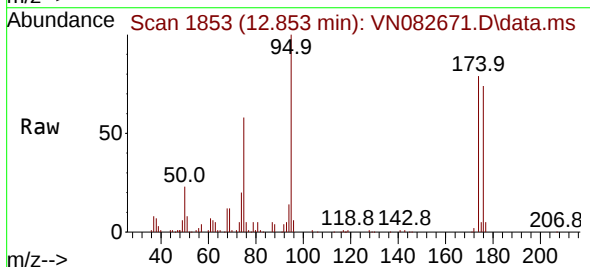
Instrument :
MSVOA_N
ClientSampleId :
56A

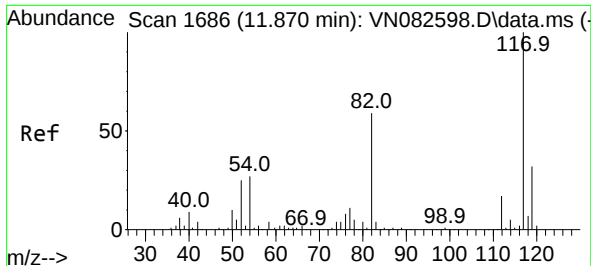
Tgt Ion: 98 Resp: 319491
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 49.445 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082671.D
Acq: 20 Jun 2024 16:25

Tgt Ion: 95 Resp: 106306
Ion Ratio Lower Upper
95 100
174 78.5 0.0 159.2
176 74.9 0.0 147.6

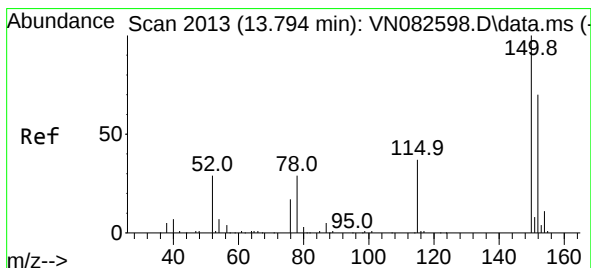
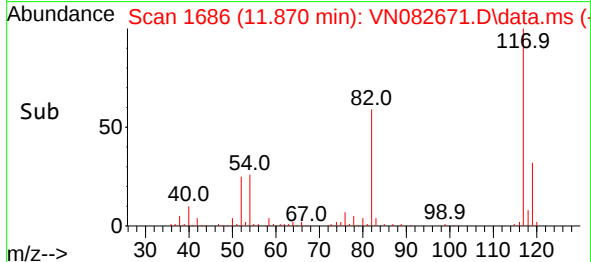
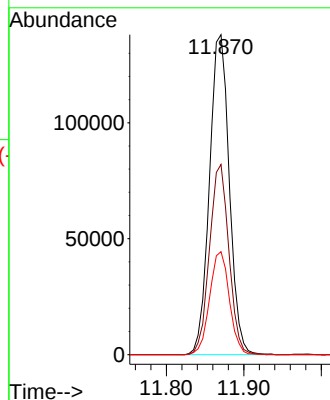
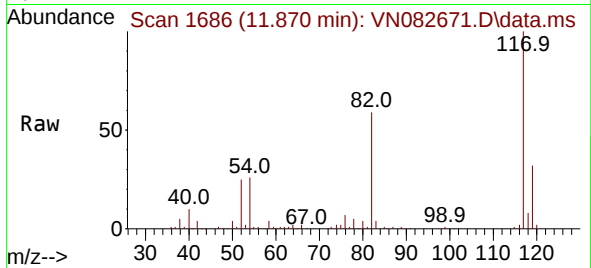




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082671.D
Acq: 20 Jun 2024 16:25

Instrument :
MSVOA_N
ClientSampleId :
56A

Tgt Ion:117 Resp: 246128
Ion Ratio Lower Upper
117 100
82 59.5 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: VN082671.D
Acq: 20 Jun 2024 16:25

Tgt Ion:152 Resp: 102261
Ion Ratio Lower Upper
152 100
115 61.8 30.6 91.6
150 159.1 0.0 348.6

