

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070824\
 Data File : VN082825.D
 Acq On : 08 Jul 2024 16:34
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 08 17:44:17 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	98135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	183828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	170918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	70648	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	78442	57.022	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.040%
35) Dibromofluoromethane	8.171	113	63595	53.913	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.820%
50) Toluene-d8	10.571	98	227763	52.278	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.560%
62) 4-Bromofluorobenzene	12.853	95	76464	48.859	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	97.720%

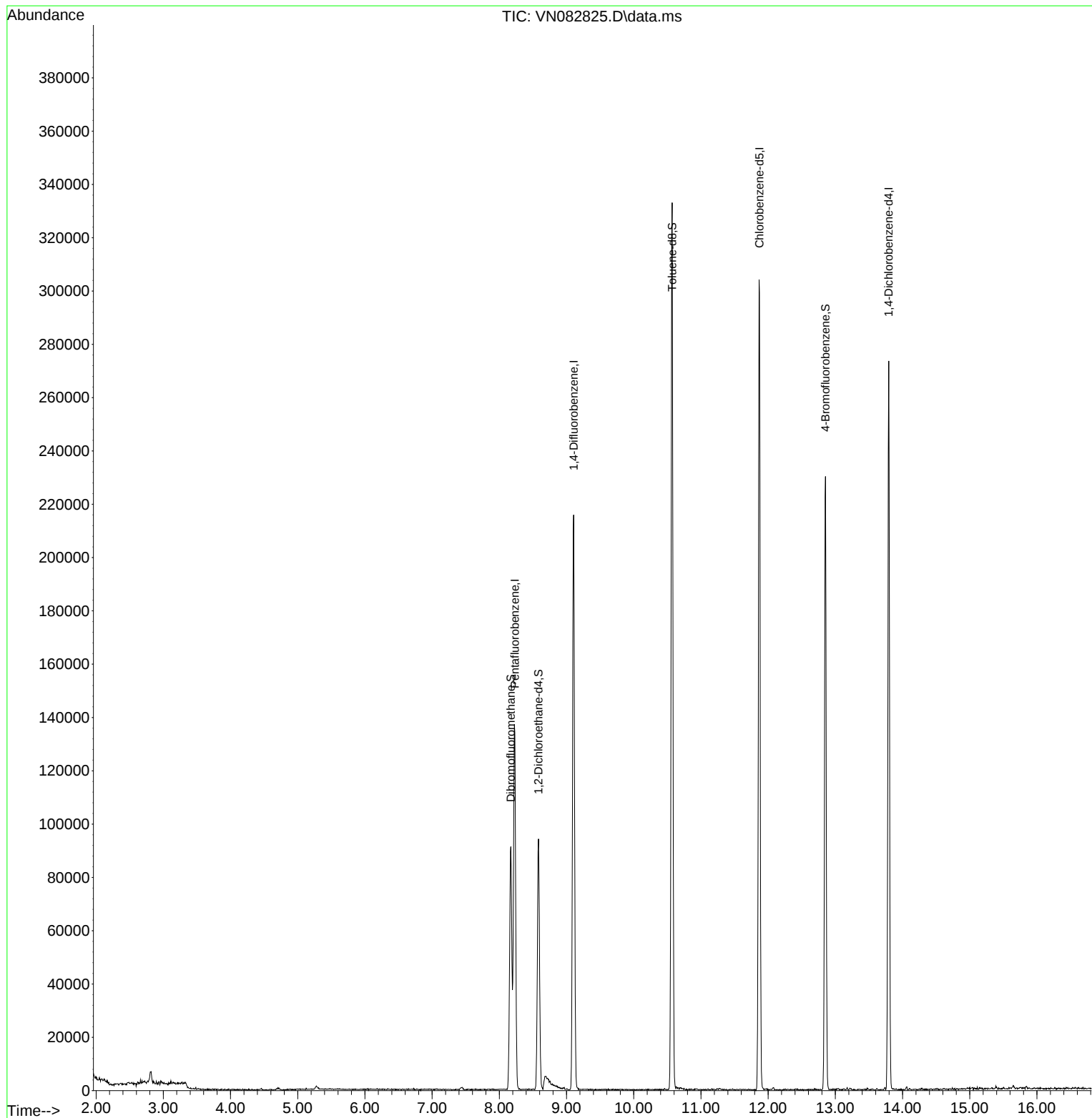
Target Compounds	Qvalue

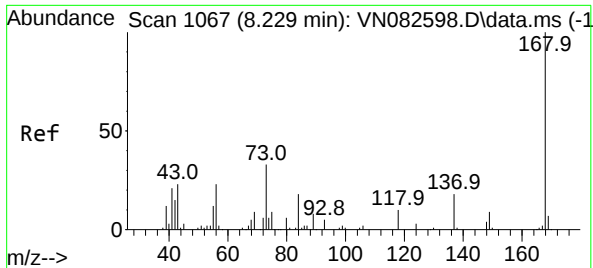
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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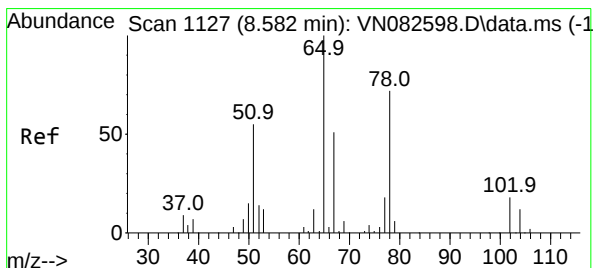
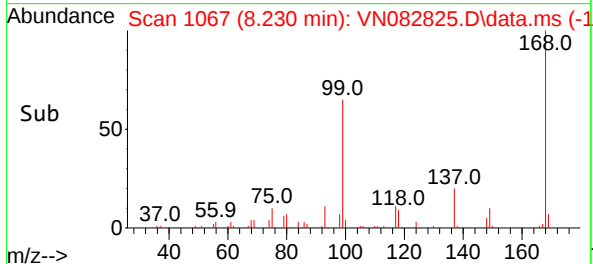
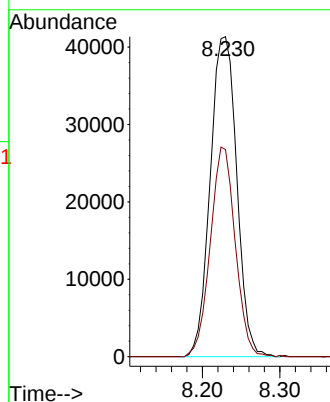
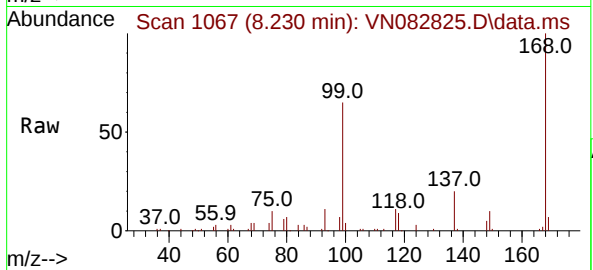




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082825.D
Acq: 08 Jul 2024 16:34

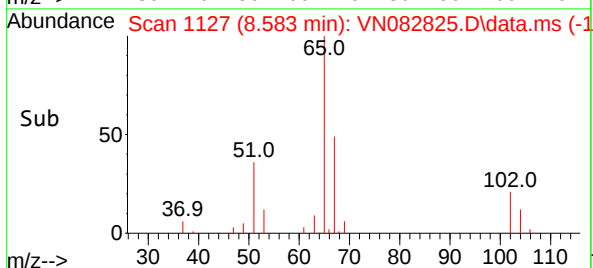
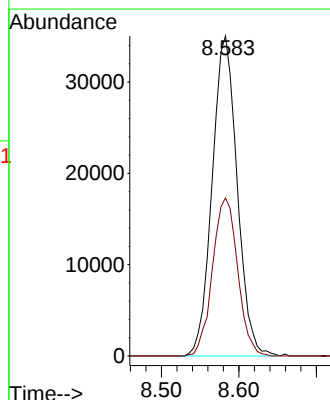
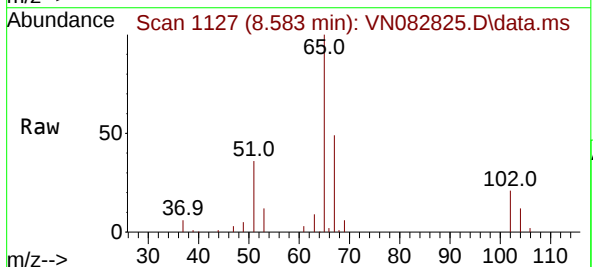
Instrument :
MSVOA_N
ClientSampleId :
IBLK

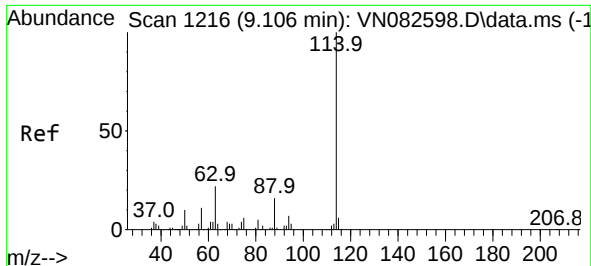
Tgt Ion:168 Resp: 98135
Ion Ratio Lower Upper
168 100
99 64.8 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 57.022 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082825.D
Acq: 08 Jul 2024 16:34

Tgt Ion: 65 Resp: 78442
Ion Ratio Lower Upper
65 100
67 49.7 0.0 104.4

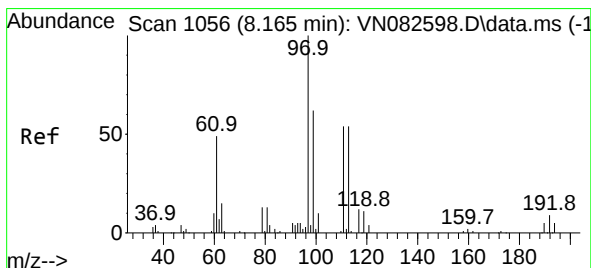
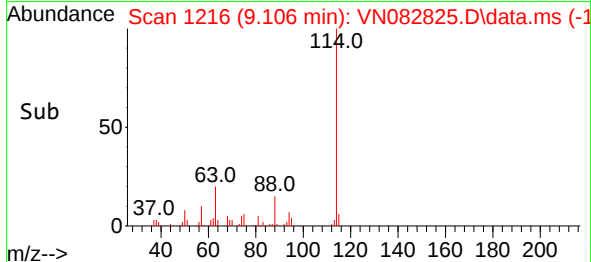
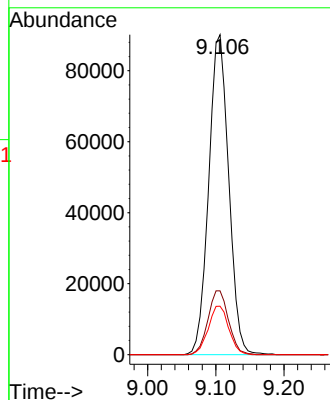
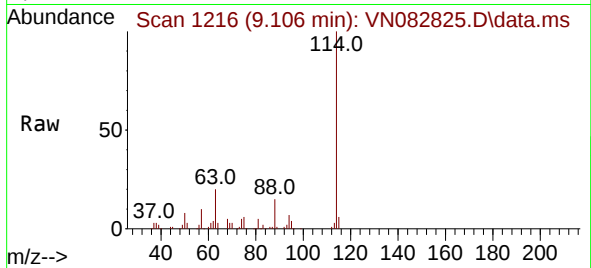




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082825.D
Acq: 08 Jul 2024 16:34

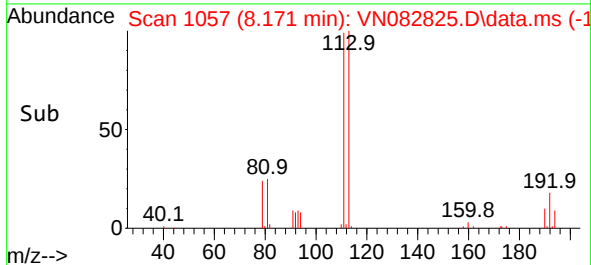
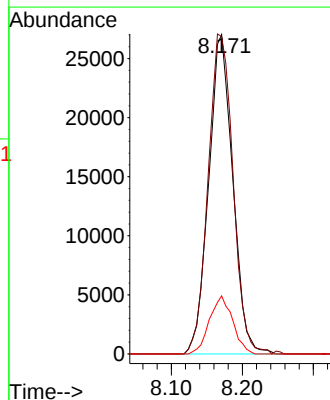
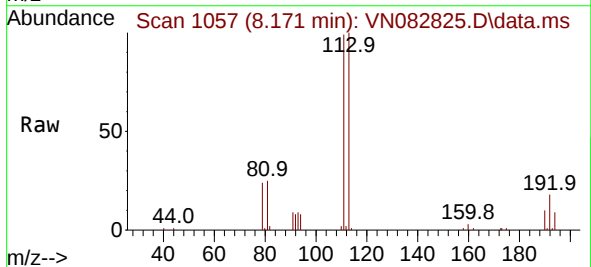
Instrument :
MSVOA_N
ClientSampleId :
IBLK

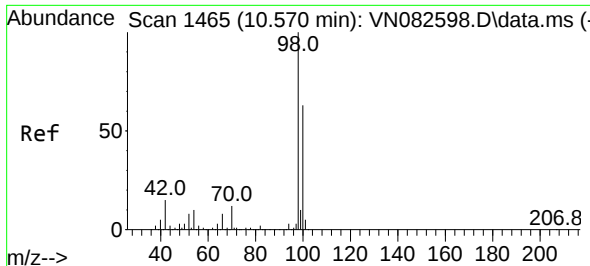
Tgt Ion:114 Resp: 183828
Ion Ratio Lower Upper
114 100
63 20.0 0.0 44.6
88 15.2 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.913 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082825.D
Acq: 08 Jul 2024 16:34

Tgt Ion:113 Resp: 63595
Ion Ratio Lower Upper
113 100
111 103.4 82.4 123.6
192 17.6 14.9 22.3

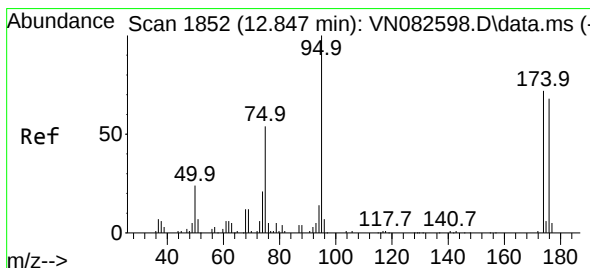
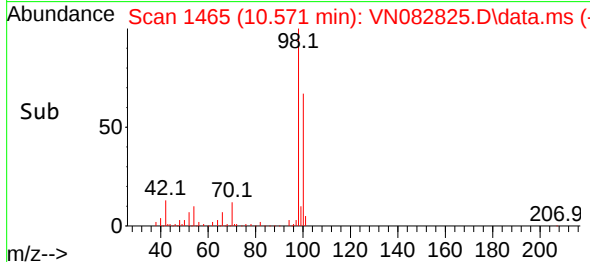
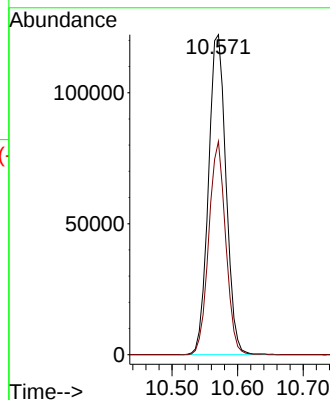
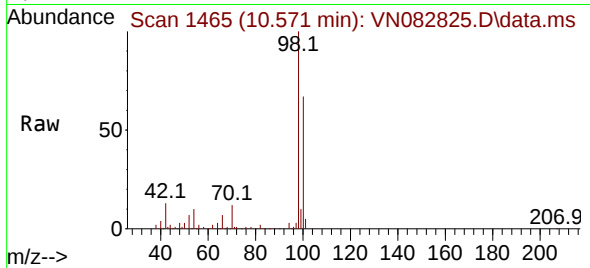




#50
Toluene-d8
Concen: 52.278 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082825.D
Acq: 08 Jul 2024 16:34

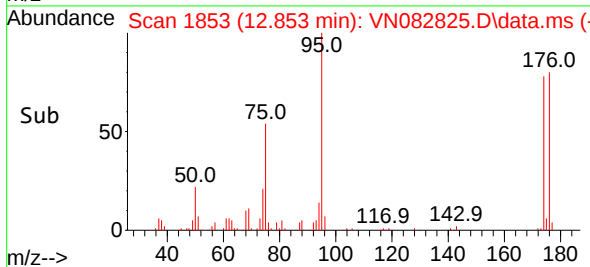
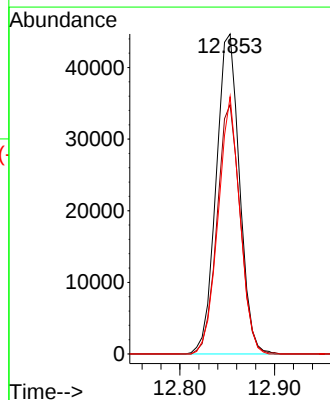
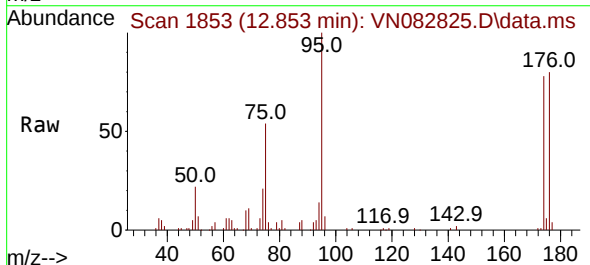
Instrument :
MSVOA_N
ClientSampleId :
IBLK

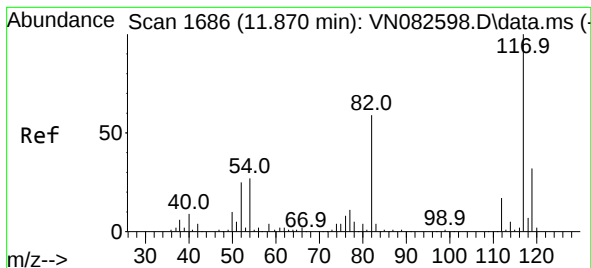
Tgt Ion: 98 Resp: 227763
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 48.859 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082825.D
Acq: 08 Jul 2024 16:34

Tgt Ion: 95 Resp: 76464
Ion Ratio Lower Upper
95 100
174 77.3 0.0 159.2
176 75.0 0.0 147.6

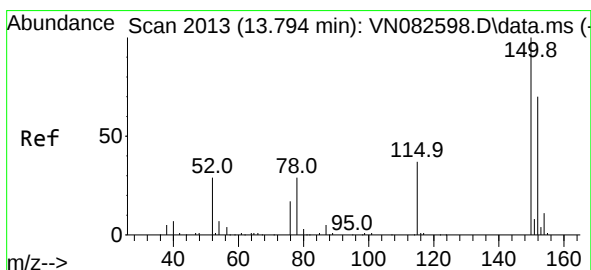
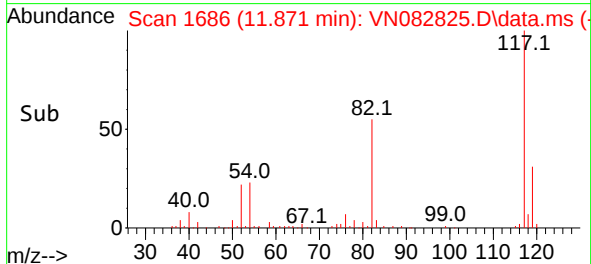
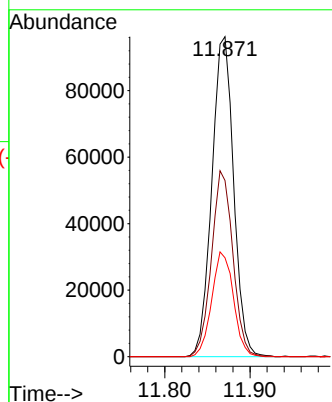
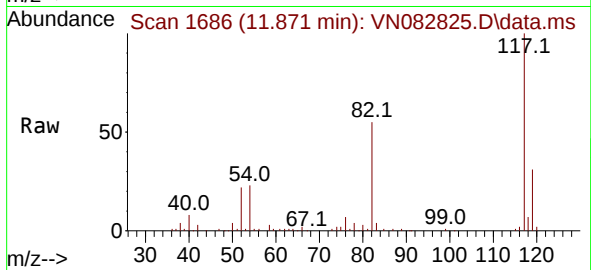




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN082825.D
Acq: 08 Jul 2024 16:34

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 170918
Ion Ratio Lower Upper
117 100
82 55.0 47.5 71.3
119 30.9 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: VN082825.D
Acq: 08 Jul 2024 16:34

Tgt Ion:152 Resp: 70648
Ion Ratio Lower Upper
152 100
115 60.3 30.6 91.6
150 158.1 0.0 348.6

