

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040224\
 Data File : VN081649.D
 Acq On : 02 Apr 2024 12:02
 Operator : JC\MD
 Sample : VN0402MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0402MBL01

Quant Time: Apr 03 01:31:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	383139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	680053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	622216	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	243125	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	260030	53.219	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.440%
35) Dibromofluoromethane	8.171	113	225954	52.647	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.300%
50) Toluene-d8	10.571	98	826137	53.250	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.500%
62) 4-Bromofluorobenzene	12.847	95	254717	46.594	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	93.180%

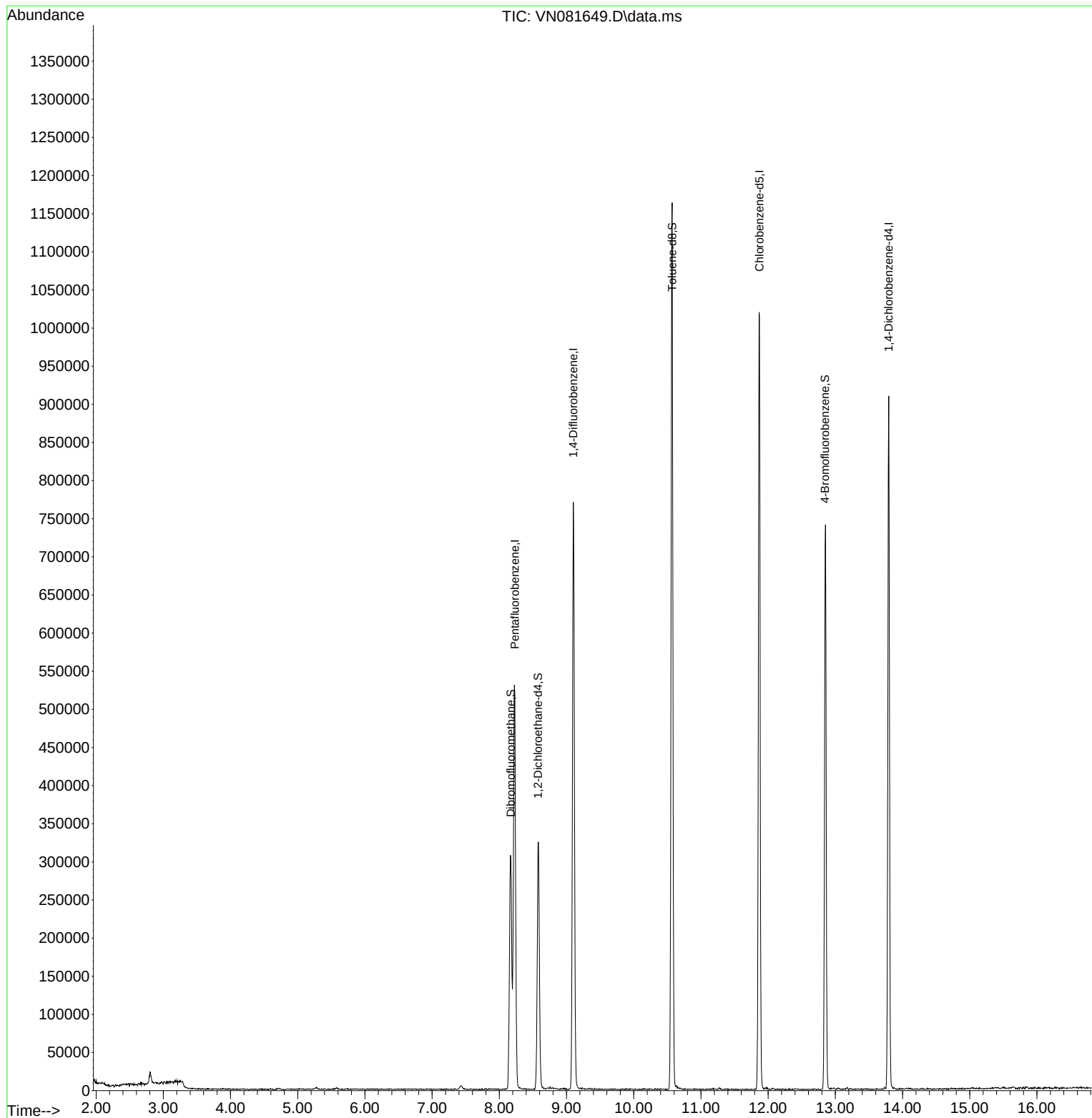
Target Compounds	Qvalue

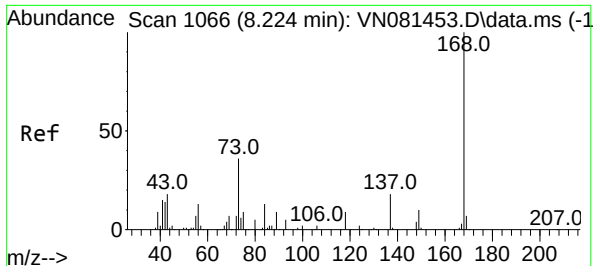
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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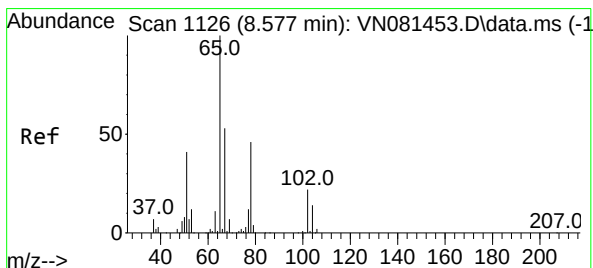
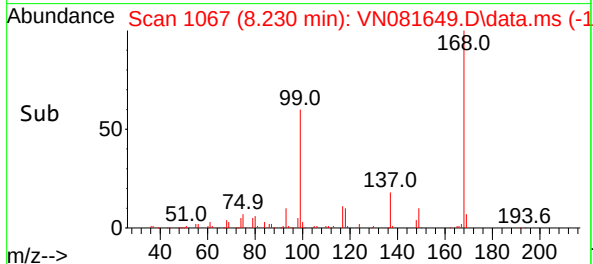
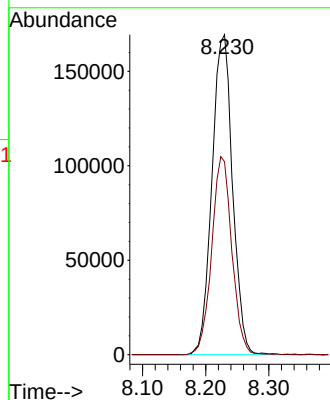
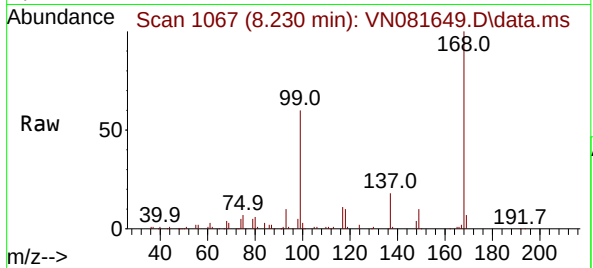




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081649.D
Acq: 02 Apr 2024 12:02

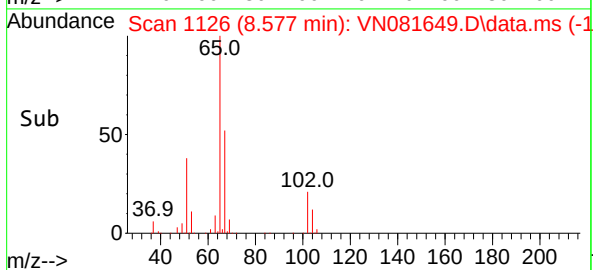
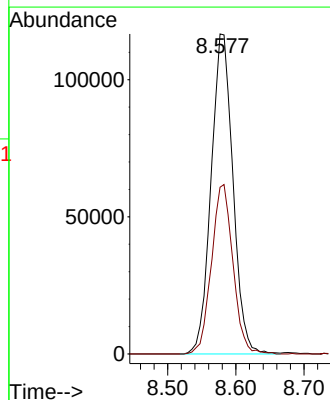
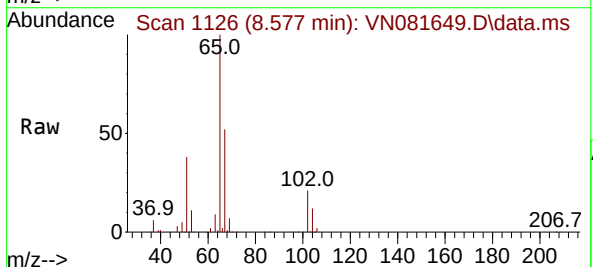
Instrument :
MSVOA_N
ClientSampleId :
VN0402MBL01

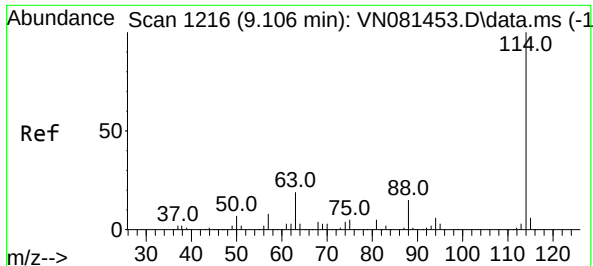
Tgt Ion:168 Resp: 383139
Ion Ratio Lower Upper
168 100
99 60.3 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 53.219 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081649.D
Acq: 02 Apr 2024 12:02

Tgt Ion: 65 Resp: 260030
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.4

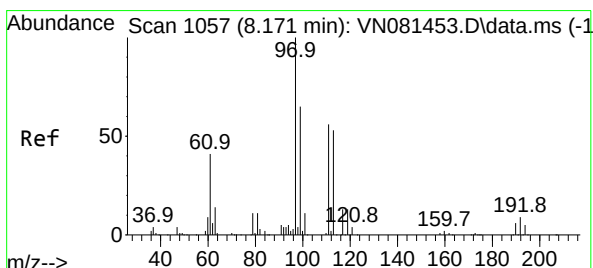
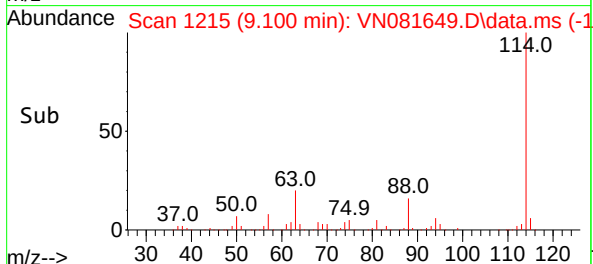
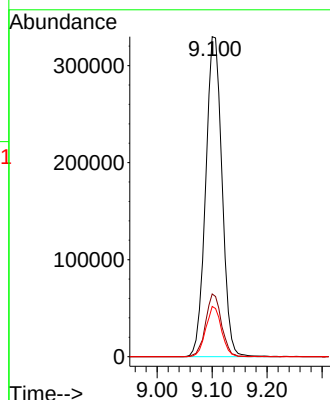
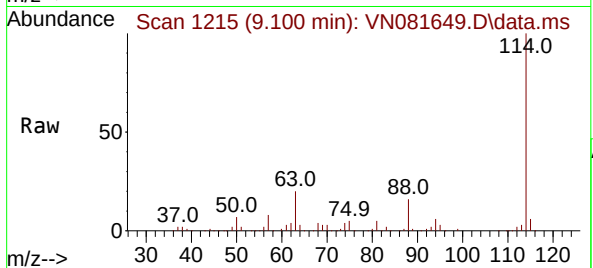




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081649.D
Acq: 02 Apr 2024 12:02

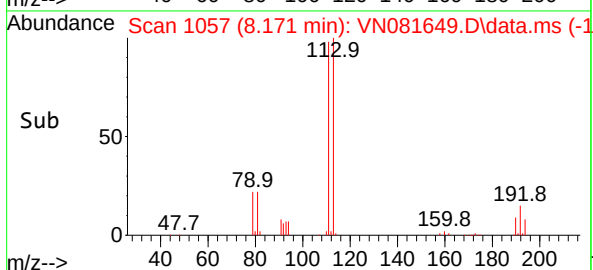
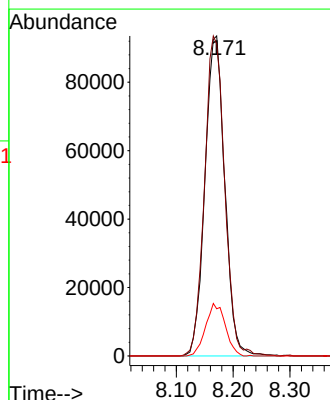
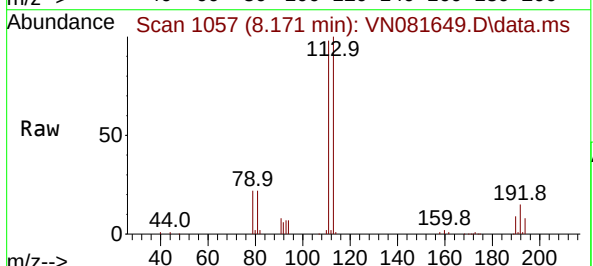
Instrument :
MSVOA_N
ClientSampleId :
VN0402MBL01

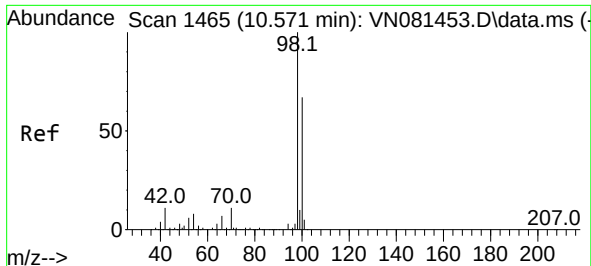
Tgt Ion:114 Resp: 680053
Ion Ratio Lower Upper
114 100
63 19.6 0.0 48.0
88 15.7 0.0 34.8



#35
Dibromofluoromethane
Concen: 52.647 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081649.D
Acq: 02 Apr 2024 12:02

Tgt Ion:113 Resp: 225954
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 16.4 12.5 18.7

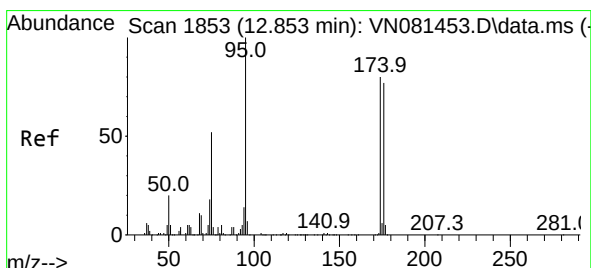
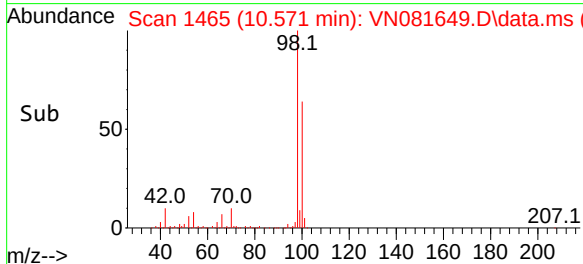
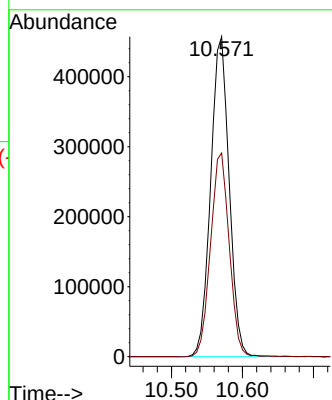
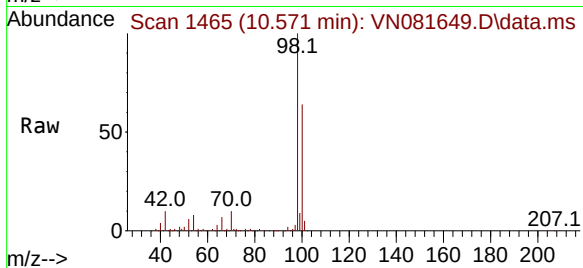




#50
Toluene-d8
Concen: 53.250 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081649.D
Acq: 02 Apr 2024 12:02

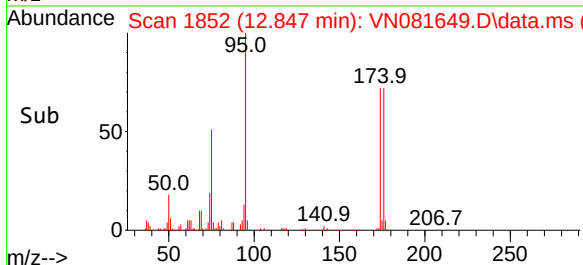
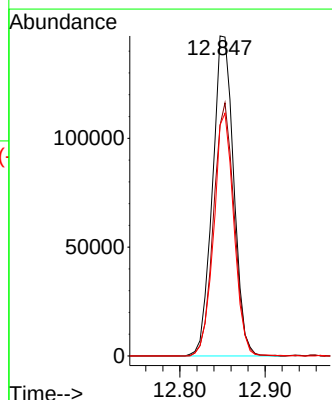
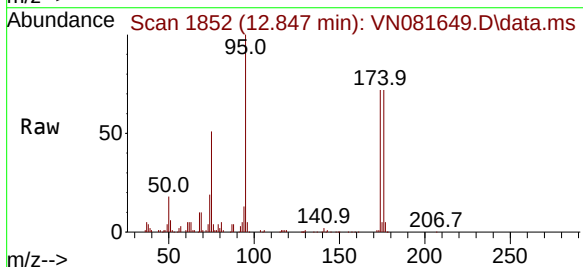
Instrument :
MSVOA_N
ClientSampleId :
VN0402MBL01

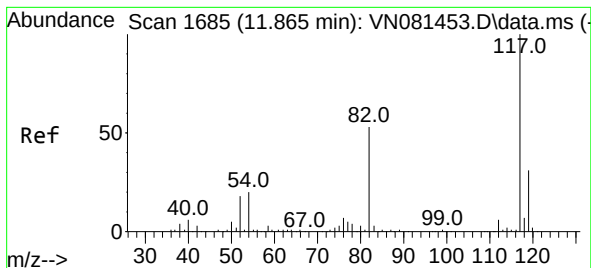
Tgt Ion: 98 Resp: 826137
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.594 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081649.D
Acq: 02 Apr 2024 12:02

Tgt Ion: 95 Resp: 254717
Ion Ratio Lower Upper
95 100
174 77.0 0.0 120.4
176 71.9 0.0 121.0

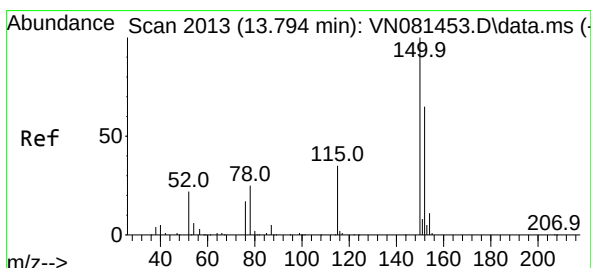
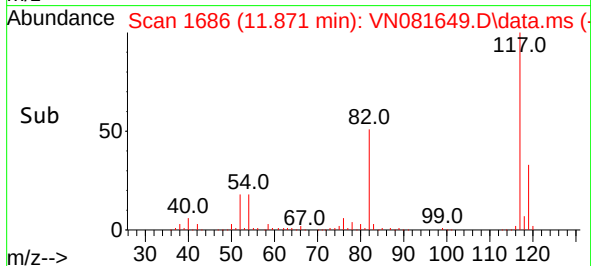
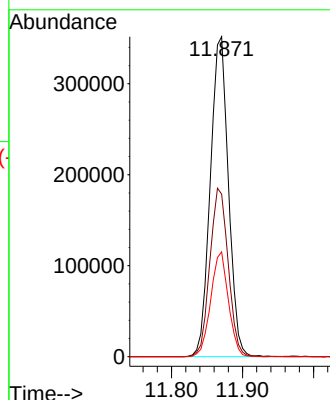
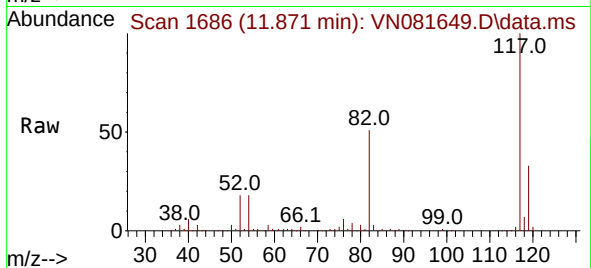




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN081649.D
Acq: 02 Apr 2024 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0402MBL01

Tgt Ion:117 Resp: 622216
Ion Ratio Lower Upper
117 100
82 50.8 52.7 79.1#
119 32.7 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081649.D
Acq: 02 Apr 2024 12:02

Tgt Ion:152 Resp: 243125
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 158.9 0.0 339.8

