

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030624\
 Data File : VN081319.D
 Acq On : 06 Mar 2024 12:13
 Operator : JC\MD
 Sample : P1683-04 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 3525

Quant Time: Mar 07 00:24:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	309163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	578544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	495911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	199631	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	227141	50.813	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.620%
35) Dibromofluoromethane	8.171	113	179182	50.551	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.100%
50) Toluene-d8	10.571	98	679239	51.262	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.520%
62) 4-Bromofluorobenzene	12.853	95	219878	46.950	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	93.900%

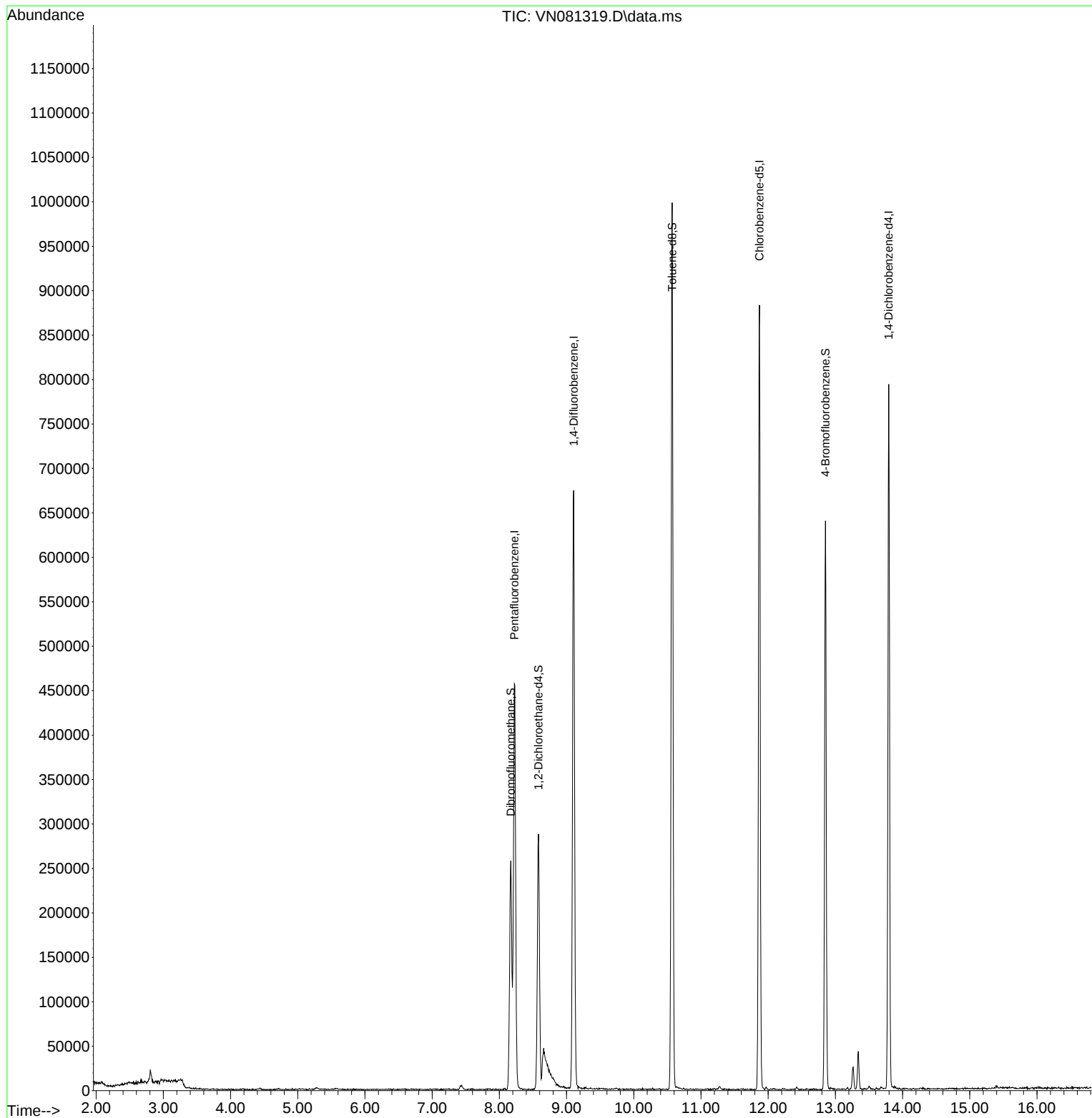
Target Compounds	Qvalue

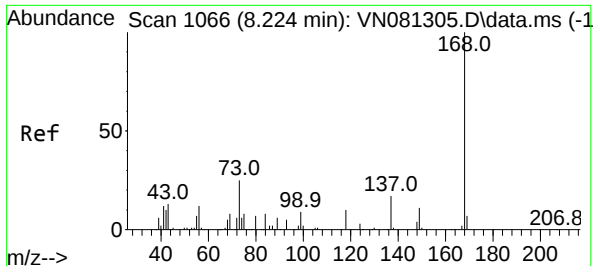
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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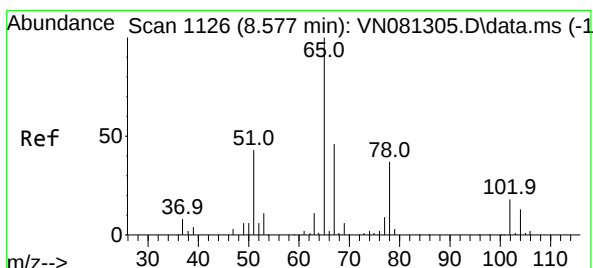
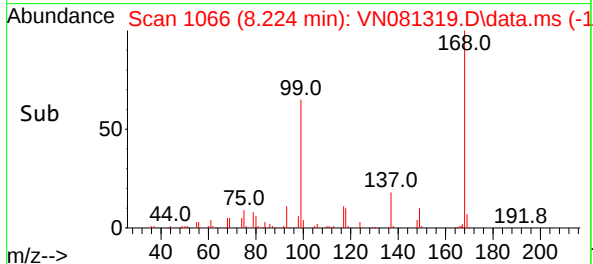
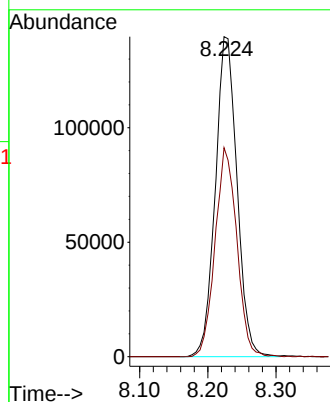
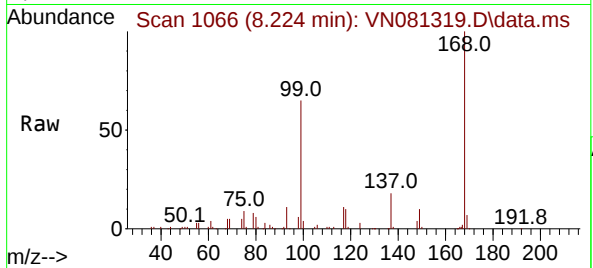




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081319.D
Acq: 06 Mar 2024 12:13

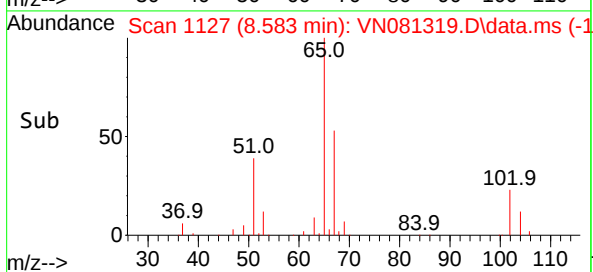
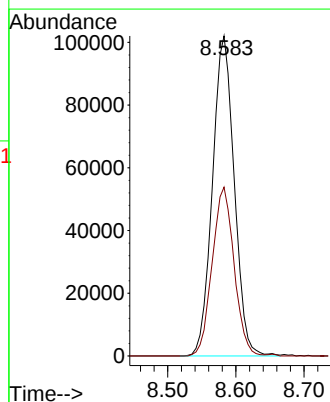
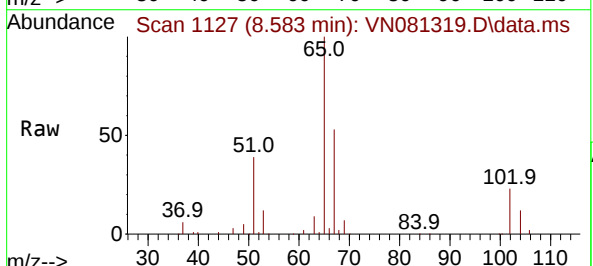
Instrument :
MSVOA_N
ClientSampleId :
3525

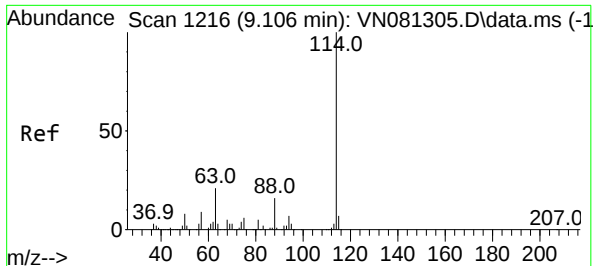
Tgt Ion:168 Resp: 309163
Ion Ratio Lower Upper
168 100
99 65.3 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 50.813 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081319.D
Acq: 06 Mar 2024 12:13

Tgt Ion: 65 Resp: 227141
Ion Ratio Lower Upper
65 100
67 53.0 0.0 102.4

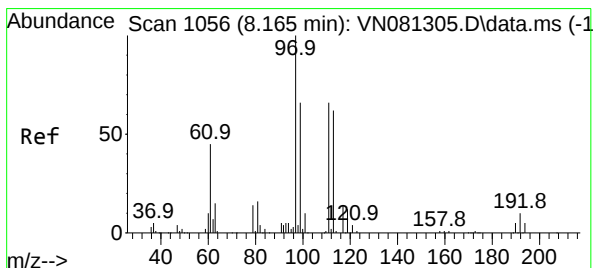
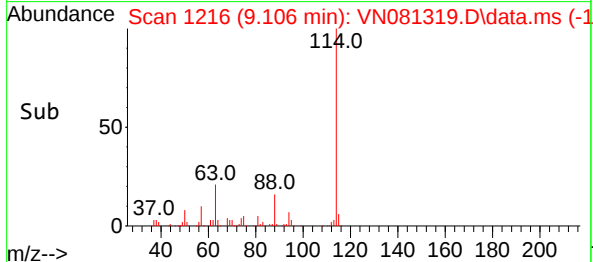
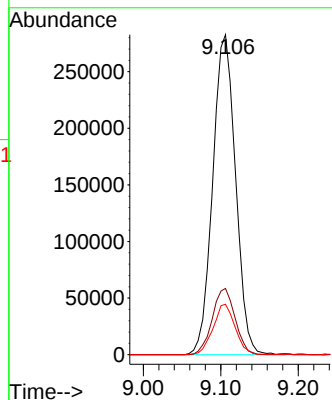
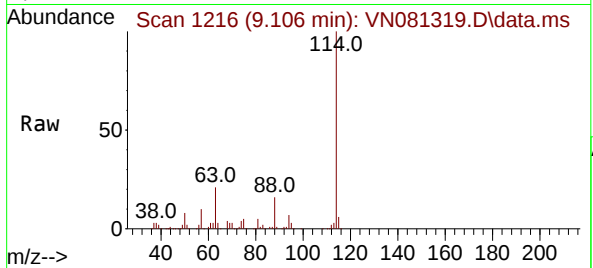




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081319.D
Acq: 06 Mar 2024 12:13

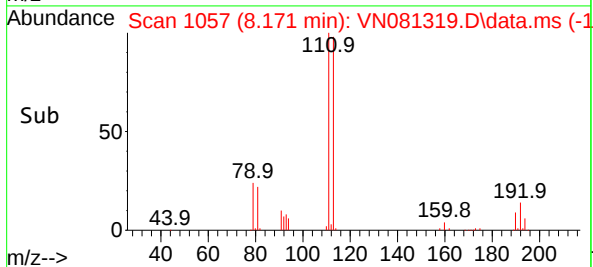
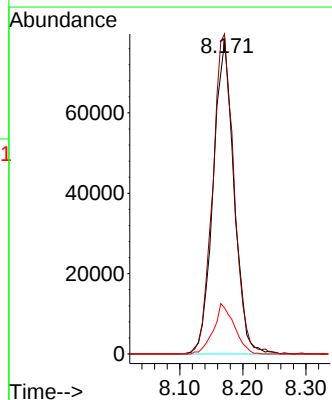
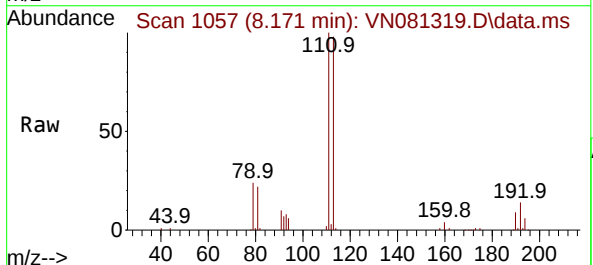
Instrument :
MSVOA_N
ClientSampleId :
3525

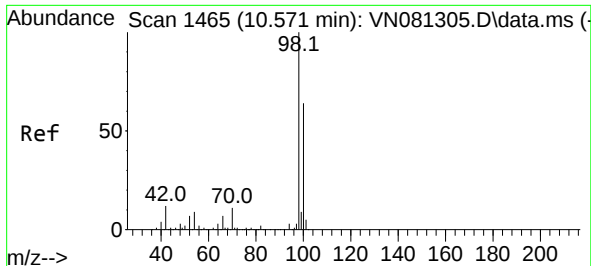
Tgt Ion:114 Resp: 578544
Ion Ratio Lower Upper
114 100
63 20.7 0.0 48.0
88 15.8 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.551 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081319.D
Acq: 06 Mar 2024 12:13

Tgt Ion:113 Resp: 179182
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.4
192 16.0 12.5 18.7

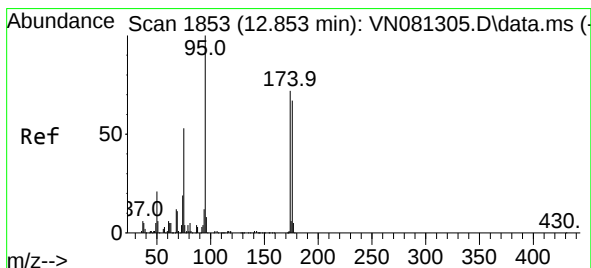
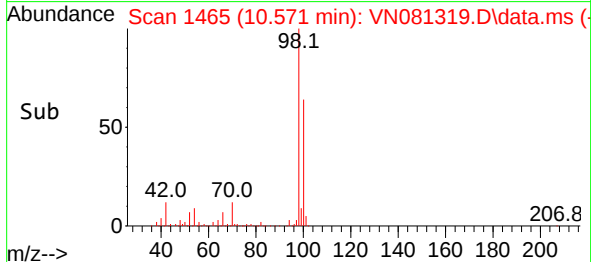
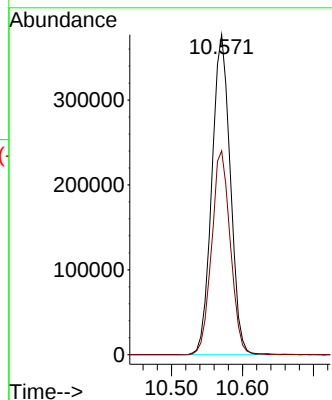
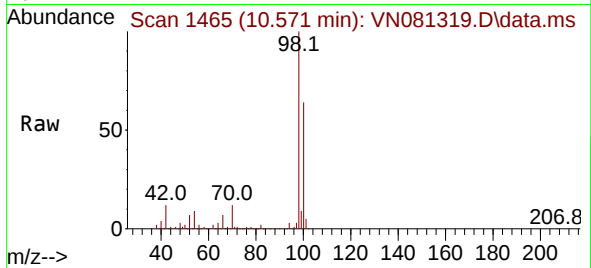




#50
Toluene-d8
Concen: 51.262 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081319.D
Acq: 06 Mar 2024 12:13

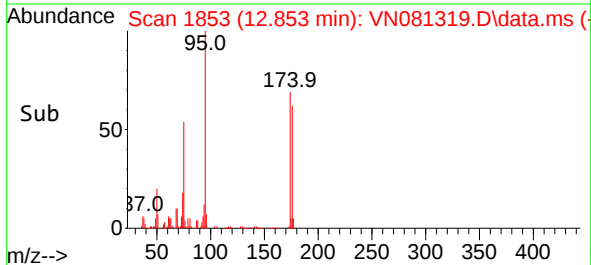
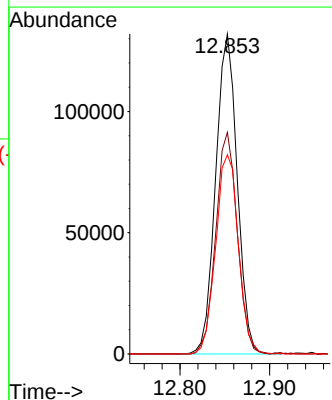
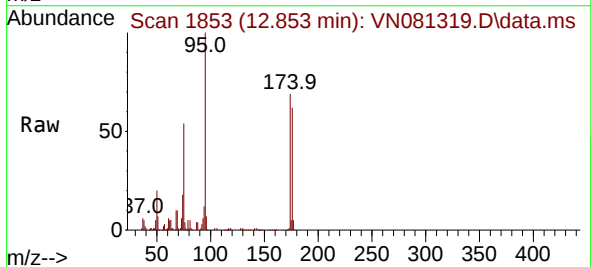
Instrument :
MSVOA_N
ClientSampleId :
3525

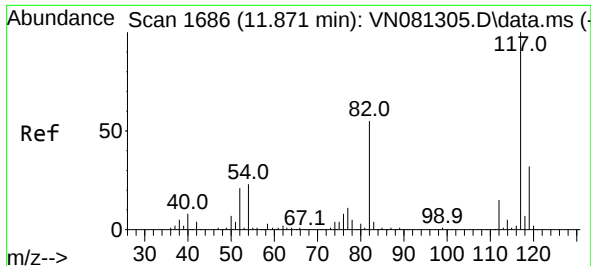
Tgt Ion: 98 Resp: 679239
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.950 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081319.D
Acq: 06 Mar 2024 12:13

Tgt Ion: 95 Resp: 219878
Ion Ratio Lower Upper
95 100
174 69.0 0.0 120.4
176 65.6 0.0 121.0

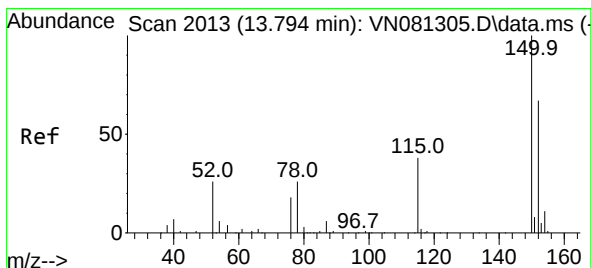
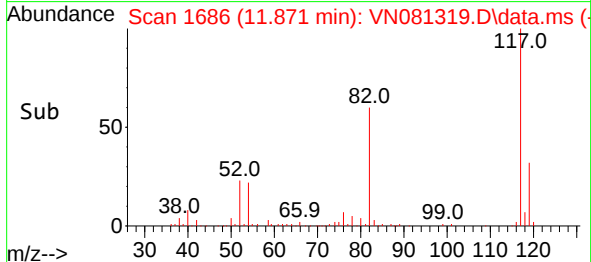
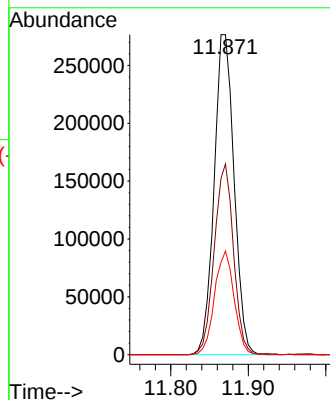
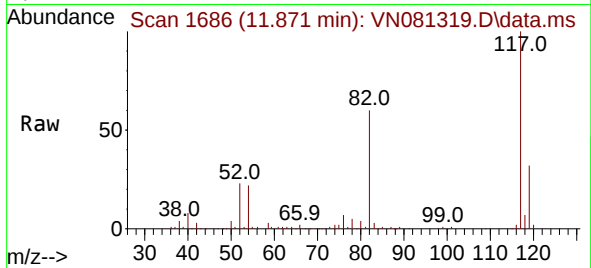




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081319.D
Acq: 06 Mar 2024 12:13

Instrument :
MSVOA_N
ClientSampleId :
3525

Tgt Ion:117 Resp: 495911
Ion Ratio Lower Upper
117 100
82 59.6 52.7 79.1
119 32.4 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: VN081319.D
Acq: 06 Mar 2024 12:13

Tgt Ion:152 Resp: 199631
Ion Ratio Lower Upper
152 100
115 64.5 32.3 96.8
150 154.4 0.0 339.8

