

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030424\
 Data File : VN081295.D
 Acq On : 04 Mar 2024 11:08
 Operator : JC\MD
 Sample : VN0304WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0304WBL01

Quant Time: Mar 04 15:26:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	338744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	624215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	537121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	217057	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	236031	56.847	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.700%
35) Dibromofluoromethane	8.171	113	180777	51.215	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.440%
50) Toluene-d8	10.571	98	687919	54.872	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.740%
62) 4-Bromofluorobenzene	12.853	95	219530	46.602	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	93.200%

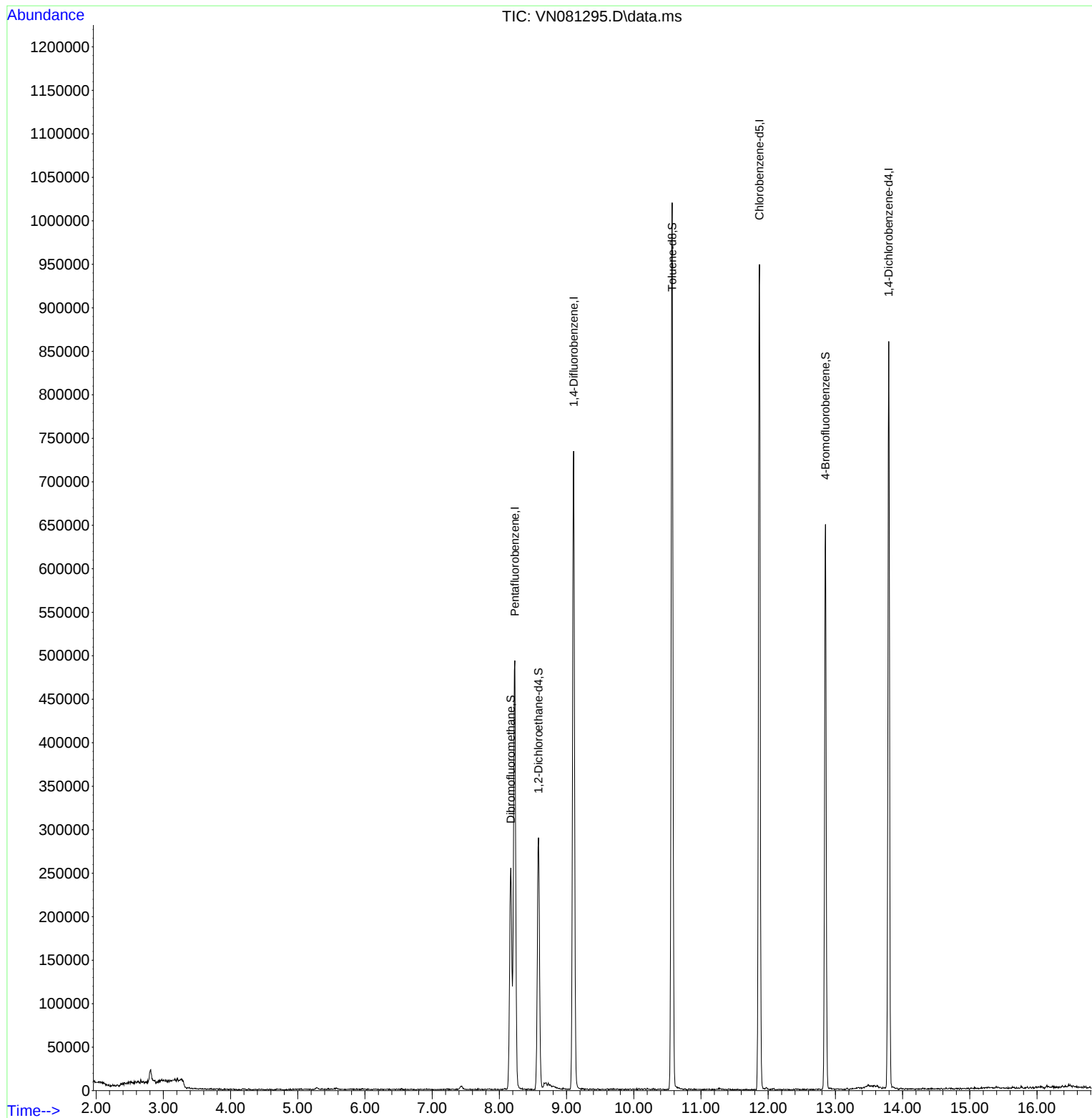
Target Compounds	Qvalue

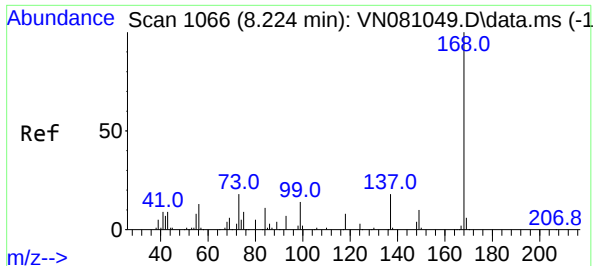
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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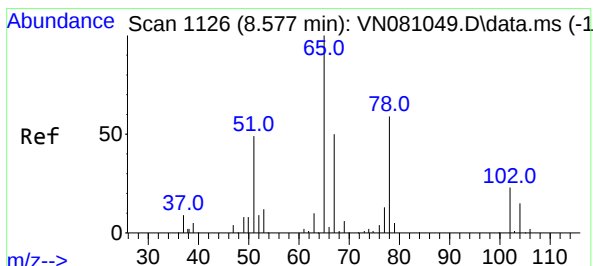
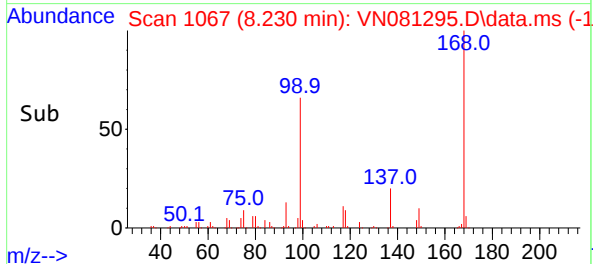
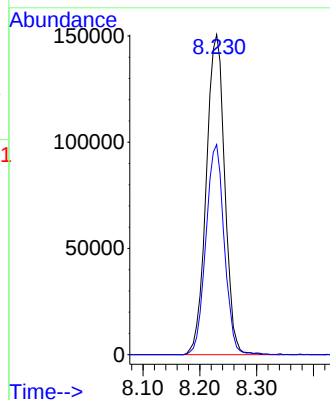
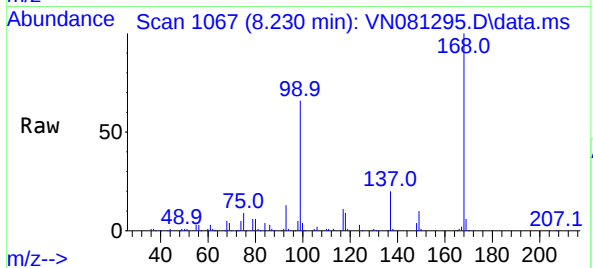




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081295.D
Acq: 04 Mar 2024 11:08

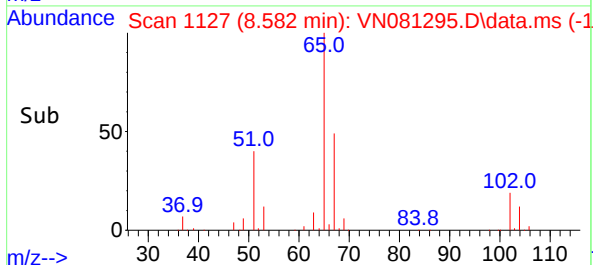
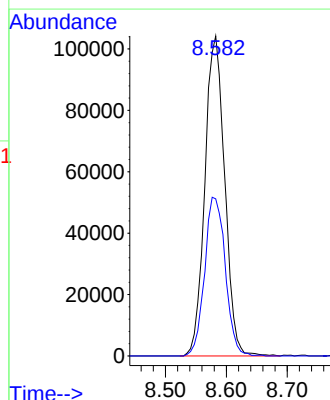
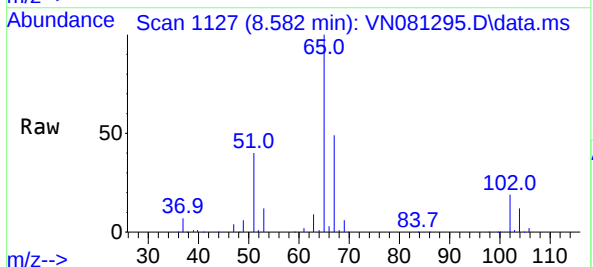
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBL01

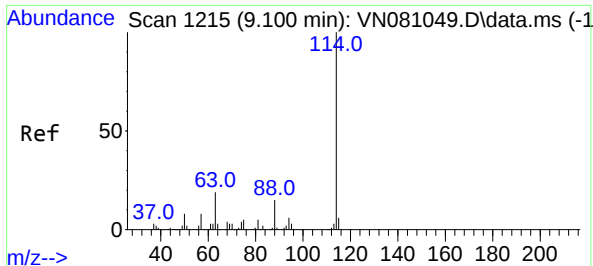
Tgt Ion:168 Resp: 338744
Ion Ratio Lower Upper
168 100
99 65.7 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 56.847 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN081295.D
Acq: 04 Mar 2024 11:08

Tgt Ion: 65 Resp: 236031
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.4

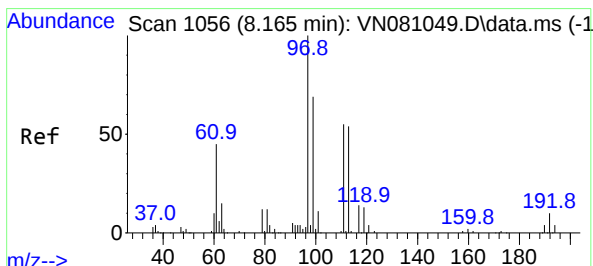
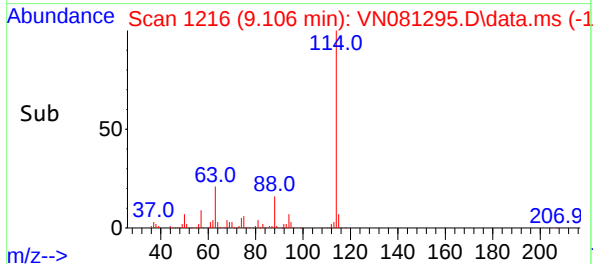
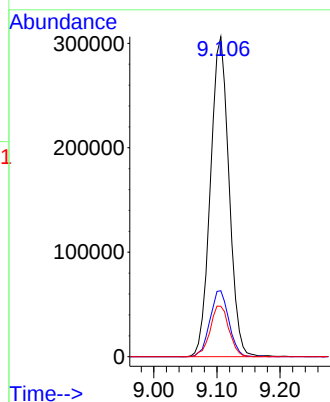
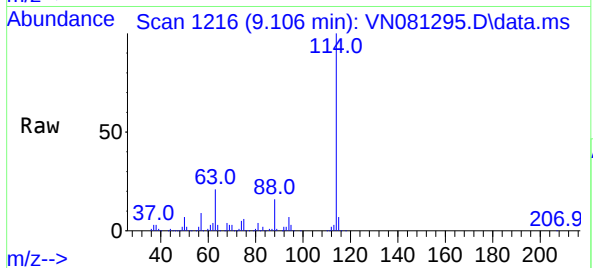




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081295.D
Acq: 04 Mar 2024 11:08

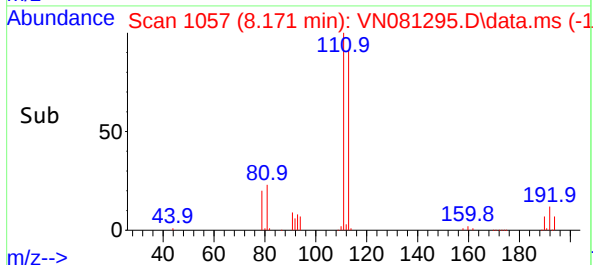
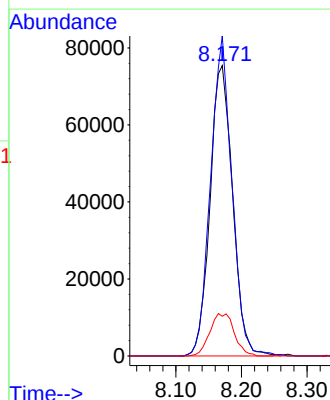
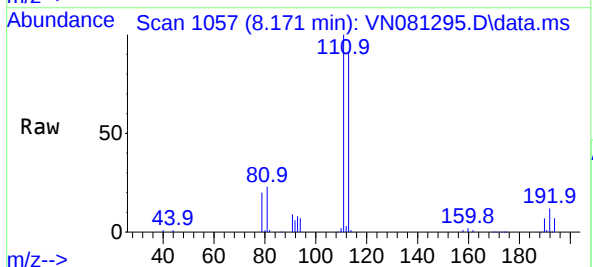
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBL01

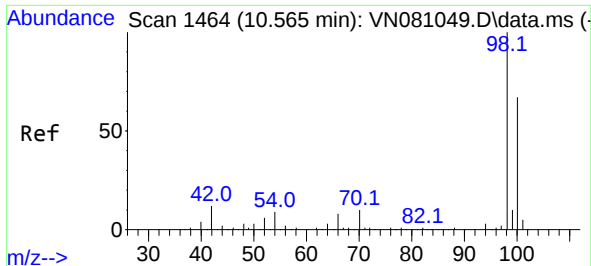
Tgt Ion:114 Resp: 624215
Ion Ratio Lower Upper
114 100
63 20.6 0.0 48.0
88 15.7 0.0 34.8



#35
Dibromofluoromethane
Concen: 51.215 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081295.D
Acq: 04 Mar 2024 11:08

Tgt Ion:113 Resp: 180777
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 15.8 12.5 18.7

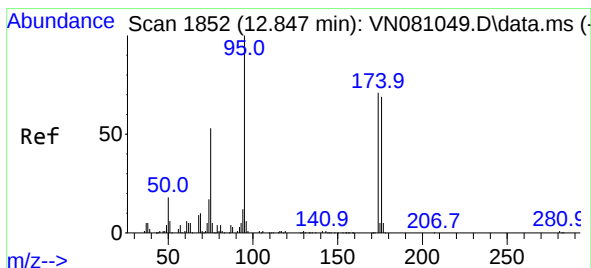
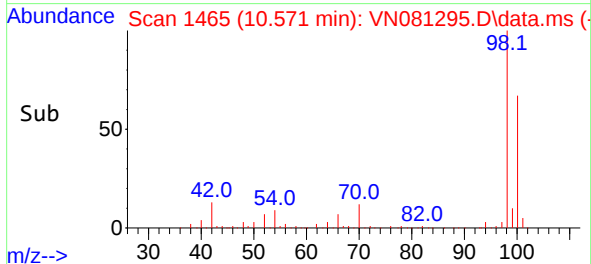
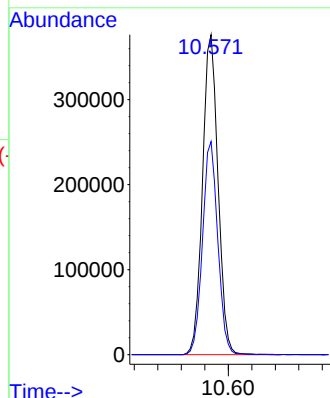
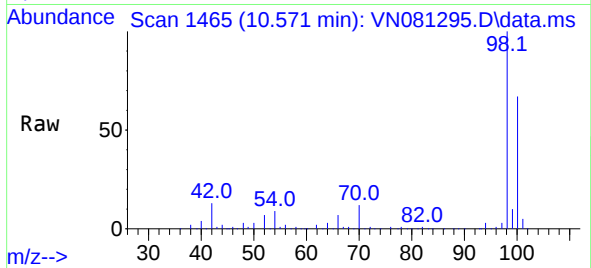




#50
Toluene-d8
Concen: 54.872 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081295.D
Acq: 04 Mar 2024 11:08

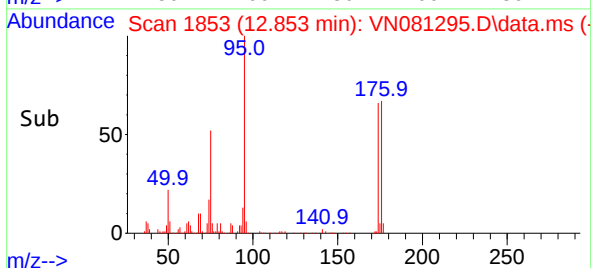
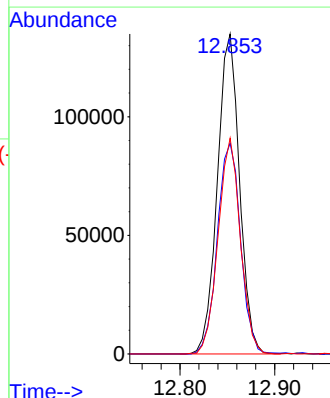
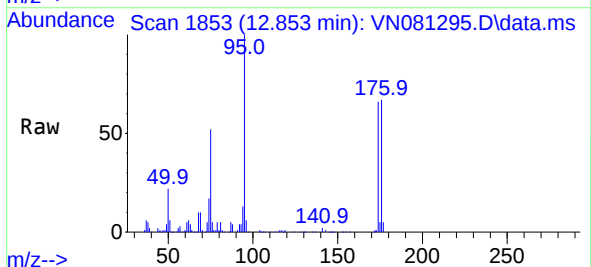
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBL01

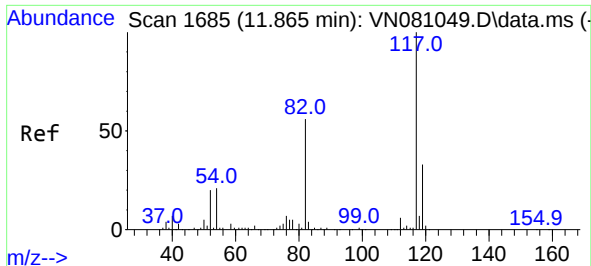
Tgt Ion: 98 Resp: 687919
Ion Ratio Lower Upper
98 100
100 65.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.602 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081295.D
Acq: 04 Mar 2024 11:08

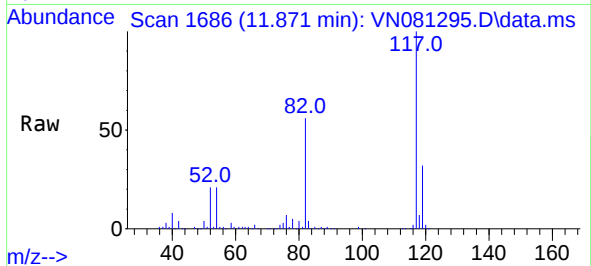
Tgt Ion: 95 Resp: 219530
Ion Ratio Lower Upper
95 100
174 69.0 0.0 120.4
176 67.6 0.0 121.0



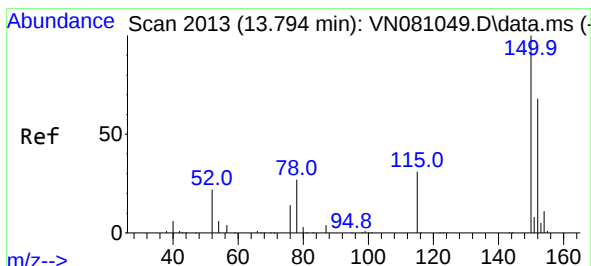
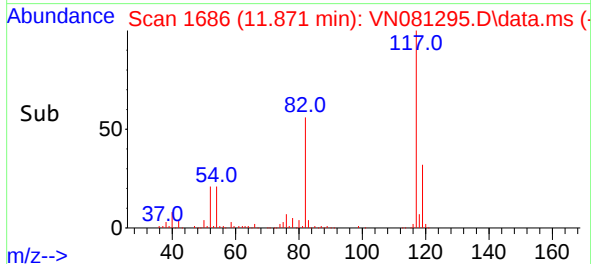
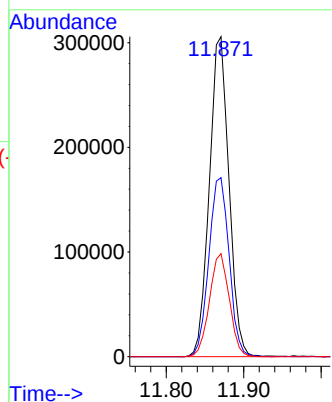


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081295.D
Acq: 04 Mar 2024 11:08

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBL01



Tgt Ion:117 Resp: 537121
Ion Ratio Lower Upper
117 100
82 56.0 52.7 79.1
119 32.2 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: VN081295.D
Acq: 04 Mar 2024 11:08

Tgt Ion:152 Resp: 217057
Ion Ratio Lower Upper
152 100
115 63.6 32.3 96.8
150 155.8 0.0 339.8

