

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021424\
 Data File : VN081027.D
 Acq On : 14 Feb 2024 15:58
 Operator : JC\MD
 Sample : VN0214WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0214WBL01

Quant Time: Feb 15 08:01:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 07:59:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	526971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	947821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	767142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	263656	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	348081	53.701	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.400%
35) Dibromofluoromethane	8.165	113	288279	53.047	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.100%
50) Toluene-d8	10.571	98	993280	51.826	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.660%
62) 4-Bromofluorobenzene	12.847	95	307465	47.170	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.340%

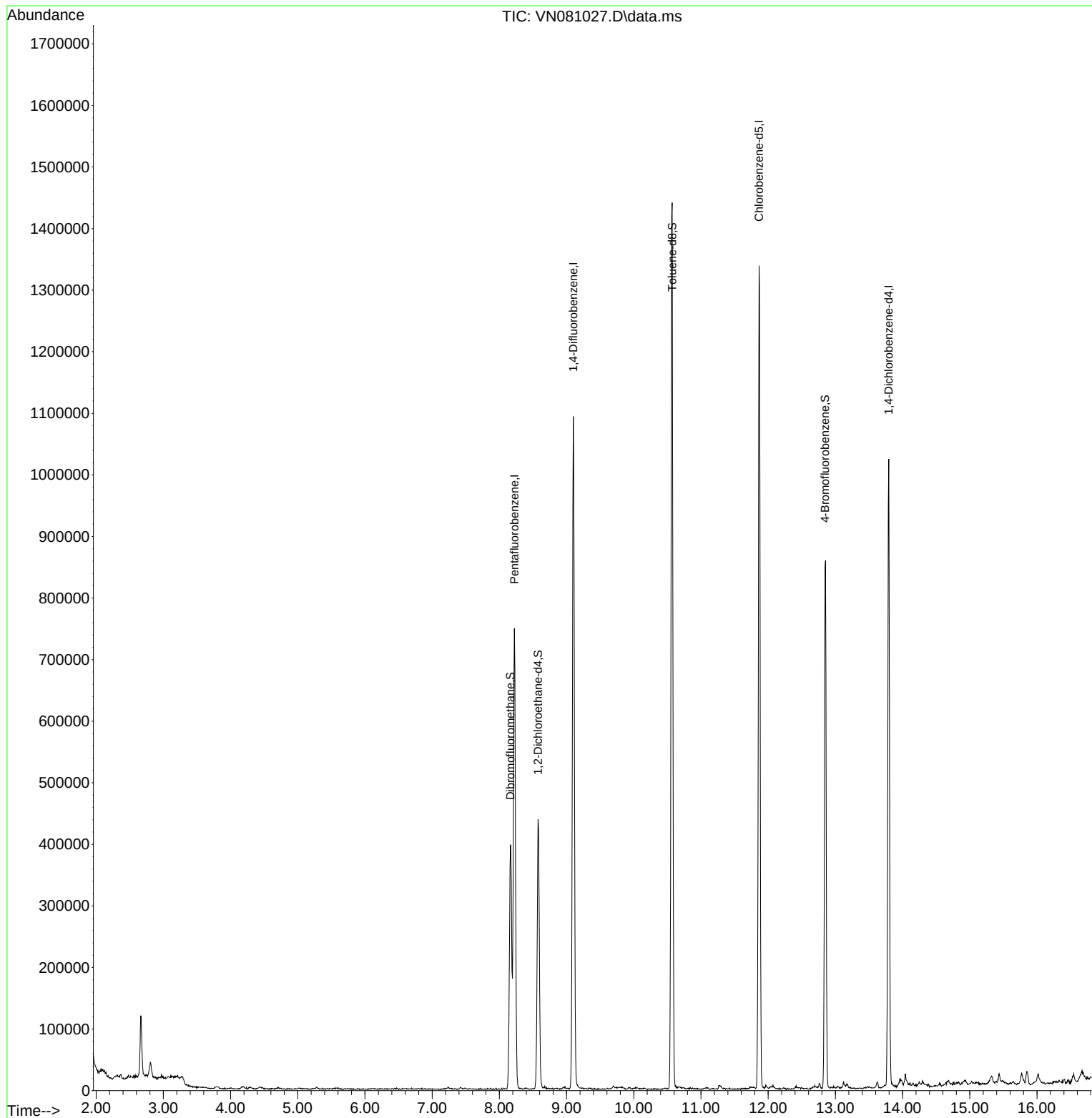
Target Compounds	Qvalue

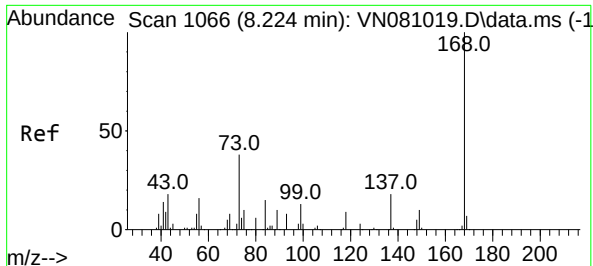
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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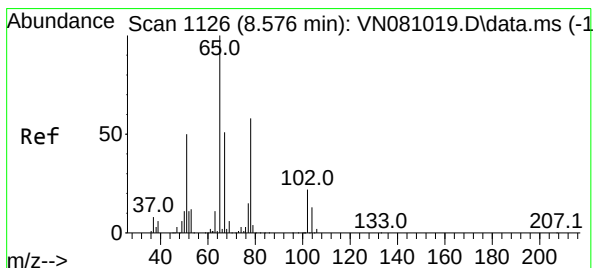
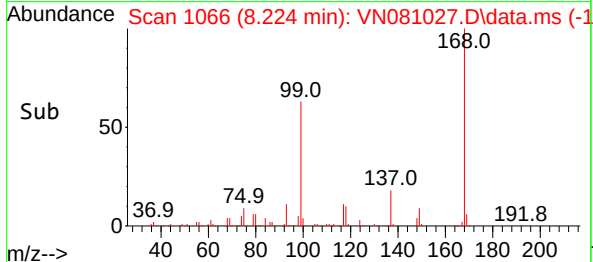
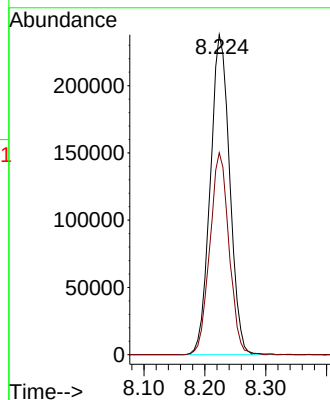
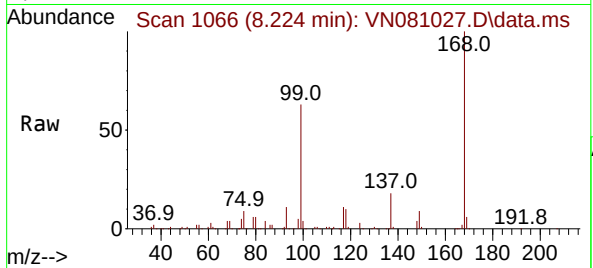




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081027.D
Acq: 14 Feb 2024 15:58

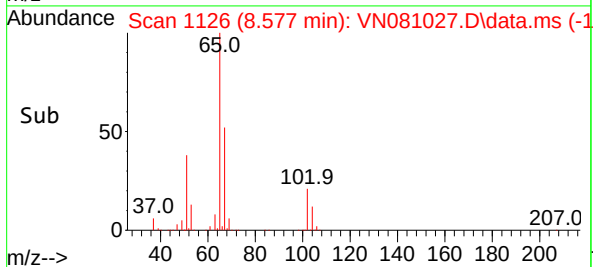
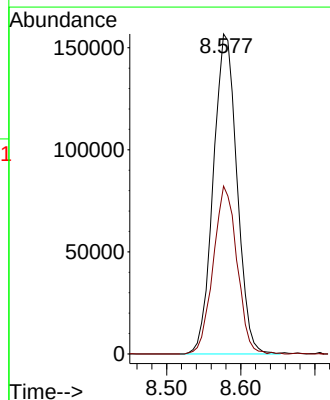
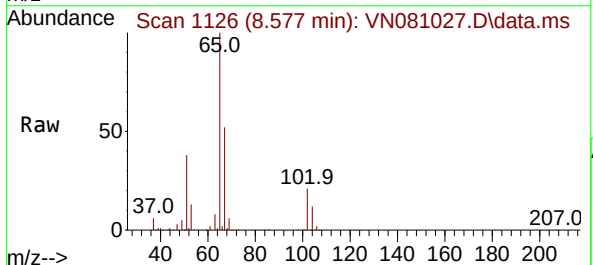
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBL01

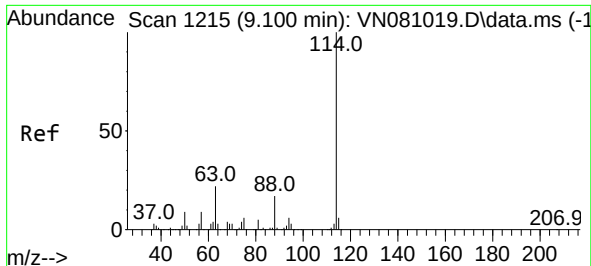
Tgt Ion:168 Resp: 526971
Ion Ratio Lower Upper
168 100
99 63.1 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 53.701 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081027.D
Acq: 14 Feb 2024 15:58

Tgt Ion: 65 Resp: 348081
Ion Ratio Lower Upper
65 100
67 52.6 0.0 102.4

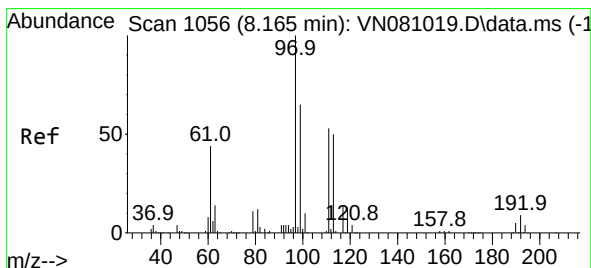
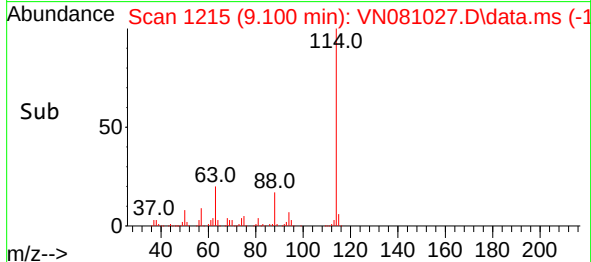
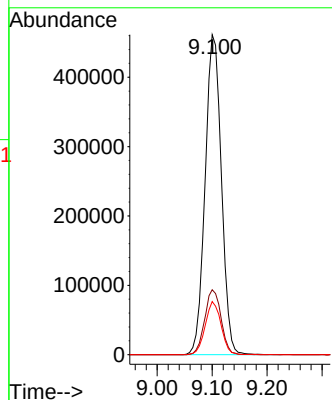
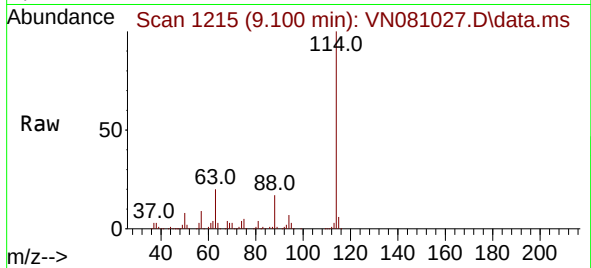




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN081027.D
Acq: 14 Feb 2024 15:58

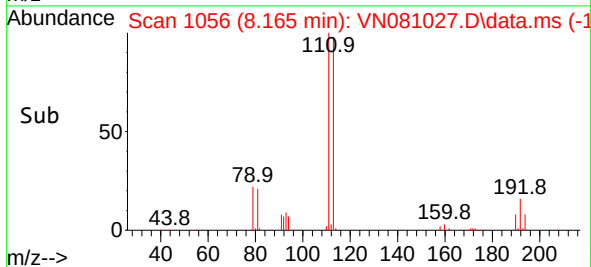
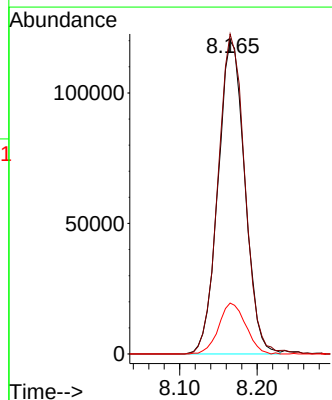
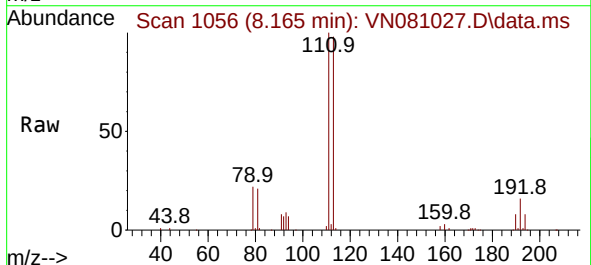
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBL01

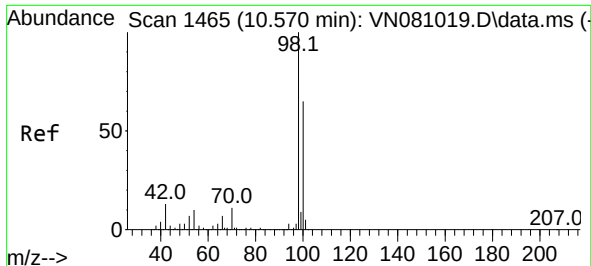
Tgt Ion:	114	Resp:	947821
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	48.0
88	16.6	0.0	34.8



#35
Dibromofluoromethane
Concen: 53.047 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081027.D
Acq: 14 Feb 2024 15:58

Tgt Ion:	113	Resp:	288279
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	16.4	12.5	18.7

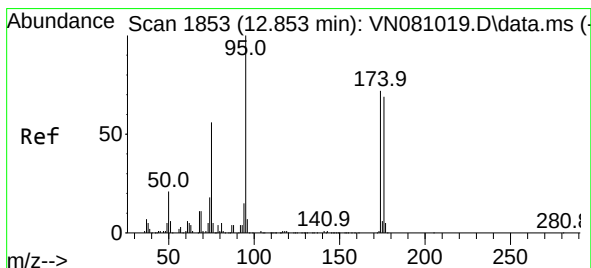
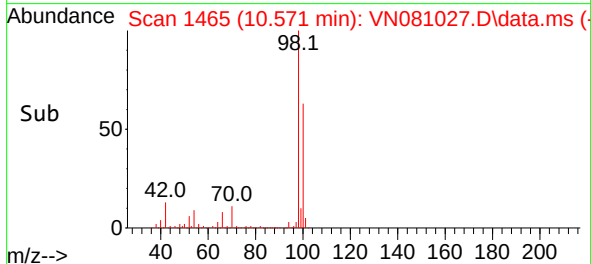
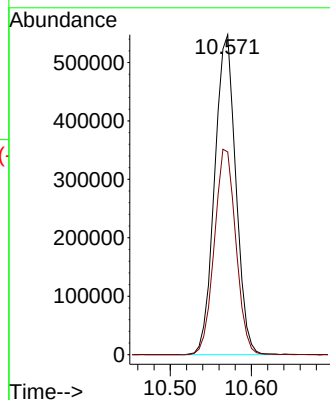
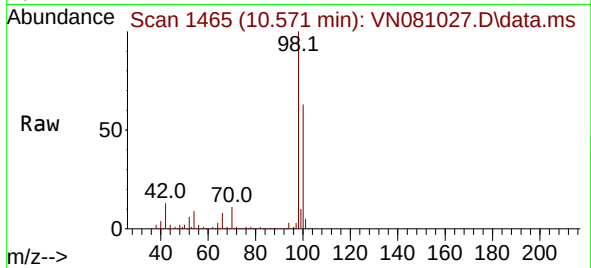




#50
Toluene-d8
Concen: 51.826 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081027.D
Acq: 14 Feb 2024 15:58

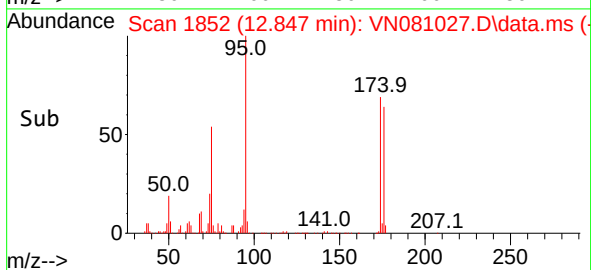
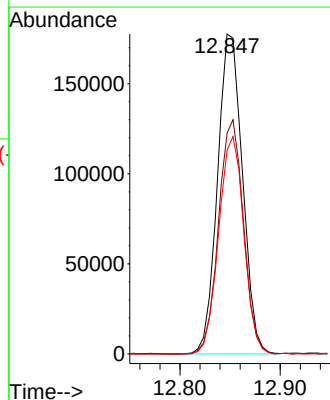
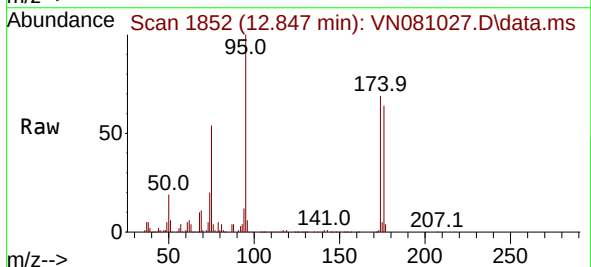
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBL01

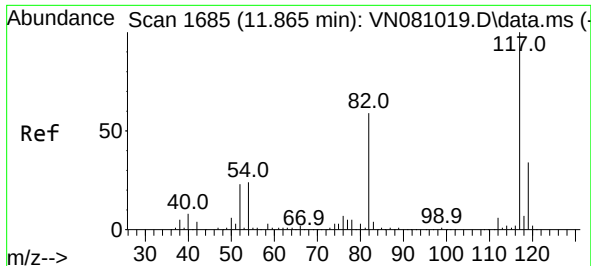
Tgt Ion: 98 Resp: 993280
Ion Ratio Lower Upper
98 100
100 65.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 47.170 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081027.D
Acq: 14 Feb 2024 15:58

Tgt Ion: 95 Resp: 307465
Ion Ratio Lower Upper
95 100
174 72.9 0.0 120.4
176 68.2 0.0 121.0

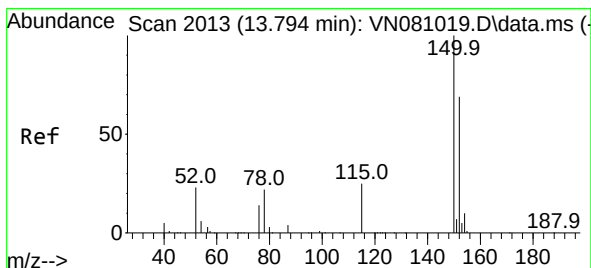
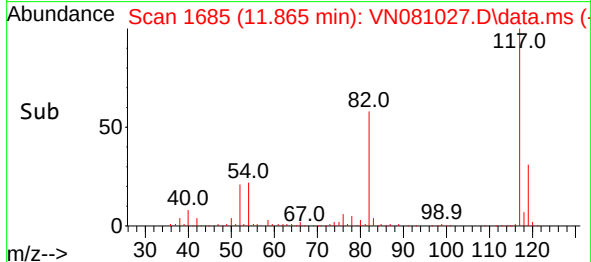
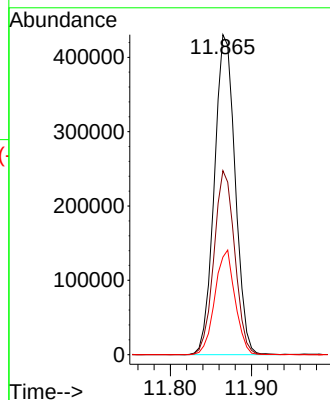
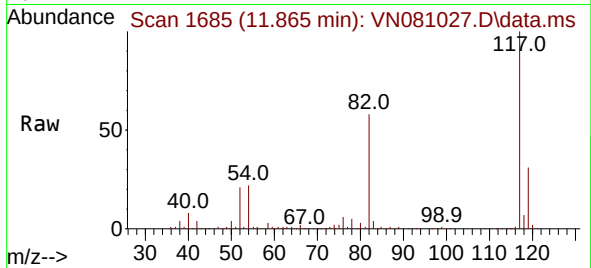




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081027.D
Acq: 14 Feb 2024 15:58

Instrument :
MSVOA_N
ClientSampleId :
VN0214WBL01

Tgt Ion:117 Resp: 767142
Ion Ratio Lower Upper
117 100
82 57.5 52.7 79.1
119 30.5 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: VN081027.D
Acq: 14 Feb 2024 15:58

Tgt Ion:152 Resp: 263656
Ion Ratio Lower Upper
152 100
115 64.0 32.3 96.8
150 159.5 0.0 339.8

