

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052623\  
 Data File : VN077919.D  
 Acq On : 26 May 2023 11:52  
 Operator : JC\MD  
 Sample : VN0526MBL01  
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA\_N/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_N  
**ClientSampleId :**  
 VN0526MBL01

Quant Time: May 29 00:25:33 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051523W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 16 04:07:42 2023  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	407288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	740238	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	646687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	209446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	268363	44.037	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.080%
35) Dibromofluoromethane	8.171	113	240195	49.761	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.520%
50) Toluene-d8	10.571	98	910442	49.002	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.000%
62) 4-Bromofluorobenzene	12.853	95	275753	42.023	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.040%

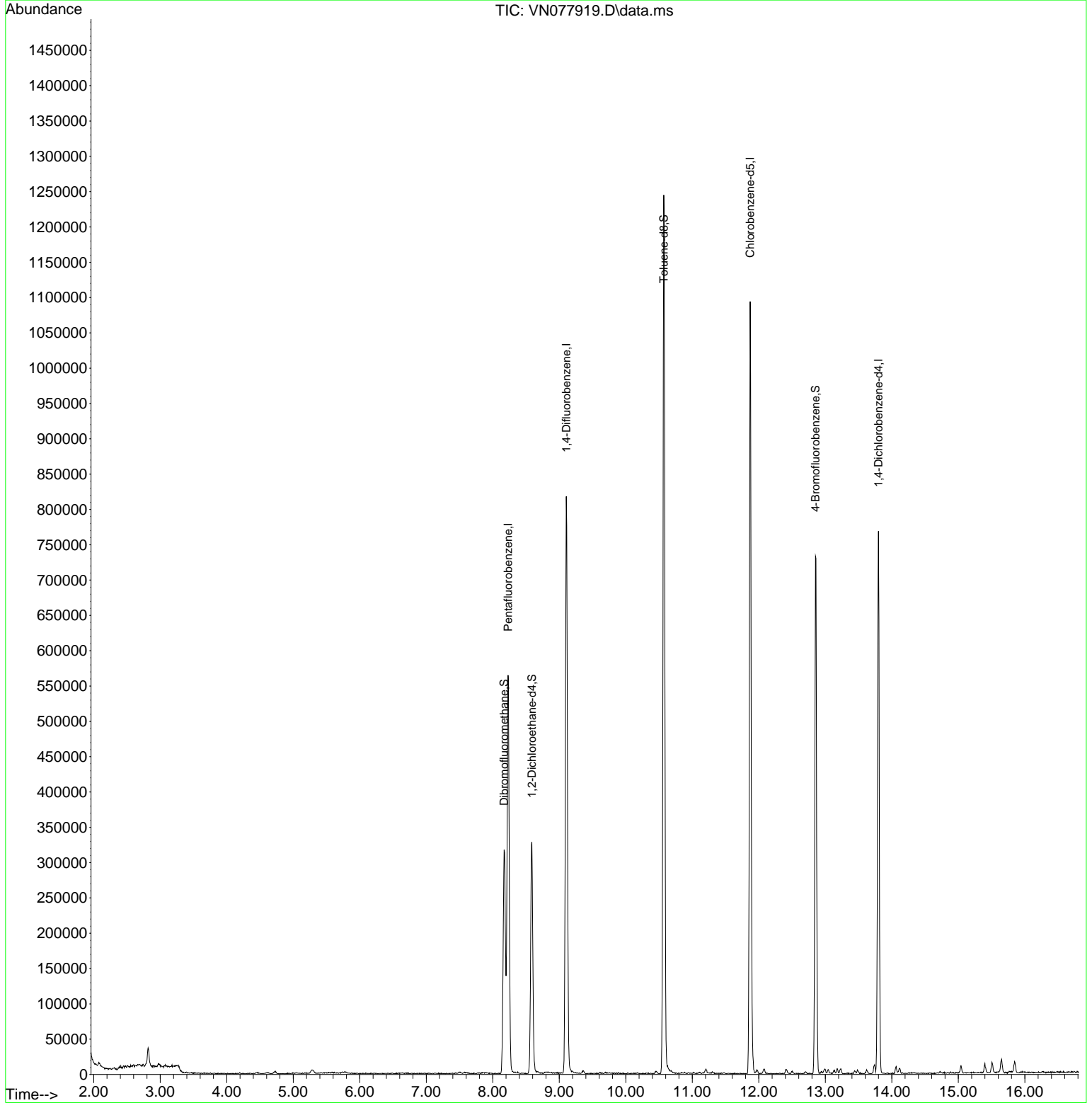
Target Compounds Qvalue

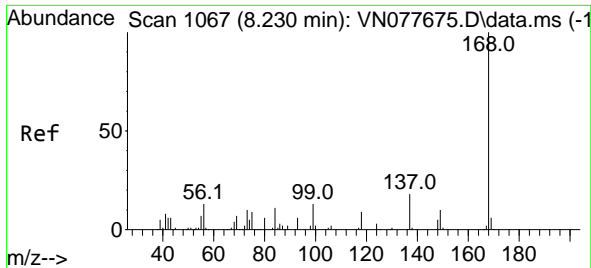
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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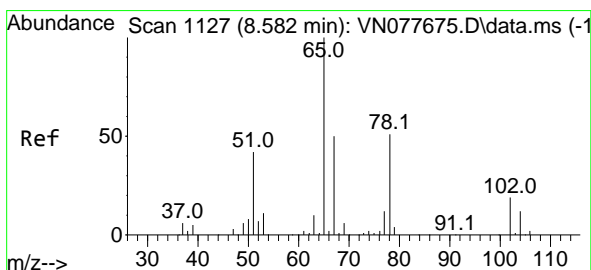
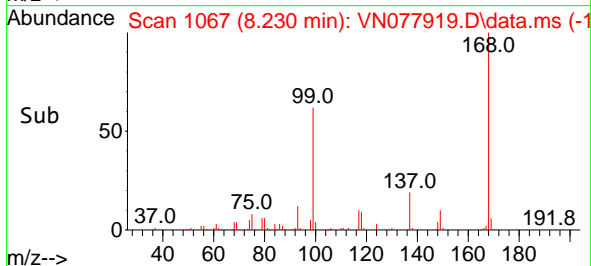
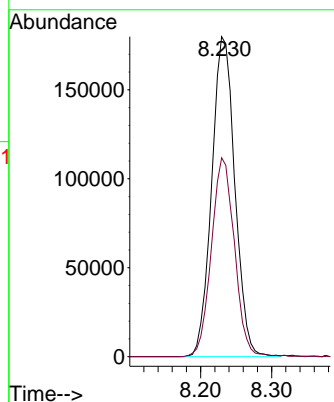
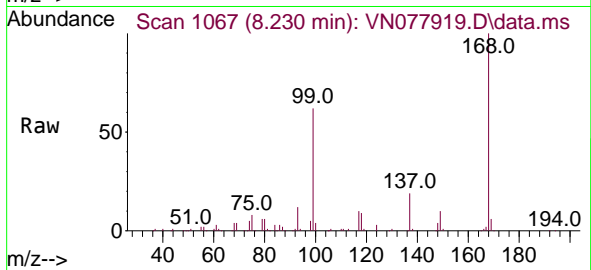




#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.230 min Scan# 1067  
 Delta R.T. -0.000 min  
 Lab File: VN077919.D  
 Acq: 26 May 2023 11:52

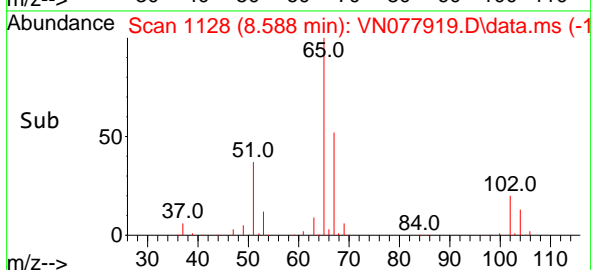
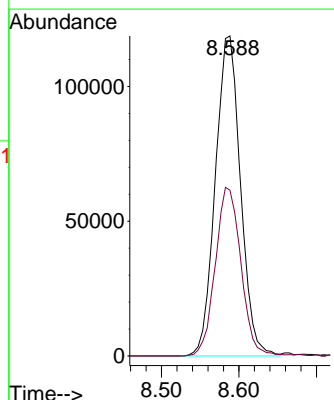
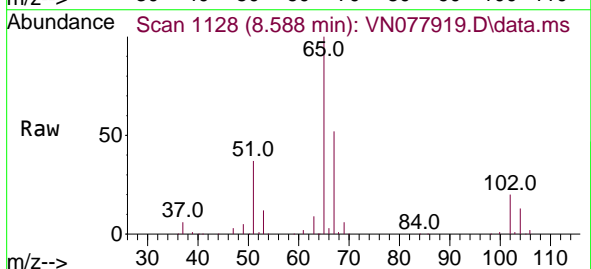
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0526MBL01

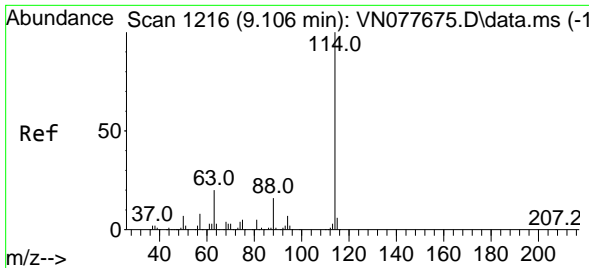
Tgt Ion:168 Resp: 407288  
 Ion Ratio Lower Upper  
 168 100  
 99 62.1 53.0 79.6



#33  
 1,2-Dichloroethane-d4  
 Concen: 44.037 ug/l  
 RT: 8.588 min Scan# 1128  
 Delta R.T. 0.006 min  
 Lab File: VN077919.D  
 Acq: 26 May 2023 11:52

Tgt Ion: 65 Resp: 268363  
 Ion Ratio Lower Upper  
 65 100  
 67 53.9 0.0 106.6

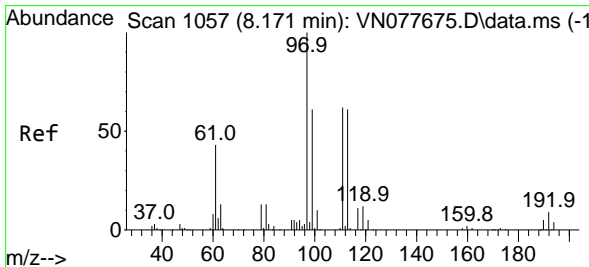
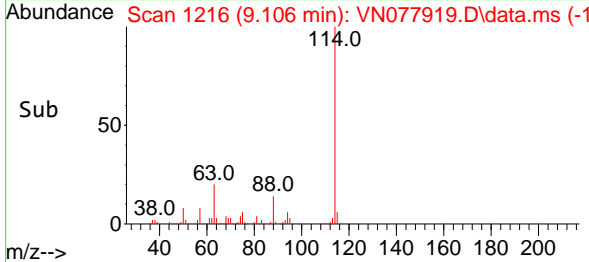
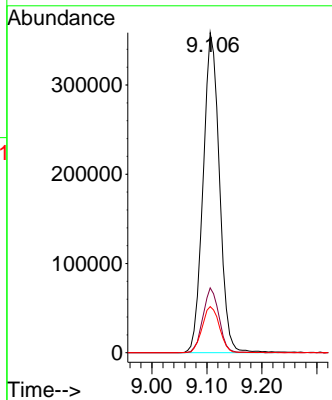
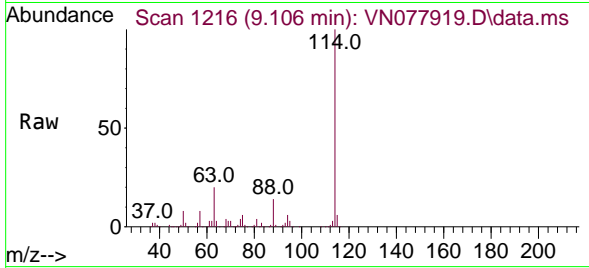




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.106 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VN077919.D  
 Acq: 26 May 2023 11:52

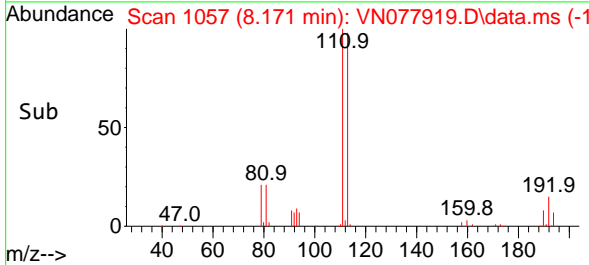
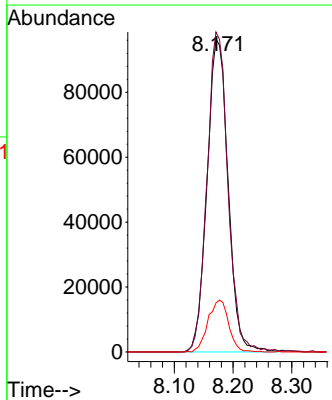
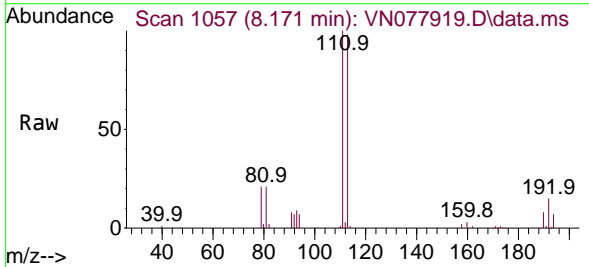
Instrument :  
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 ClientSampleId :  
 VN0526MBL01

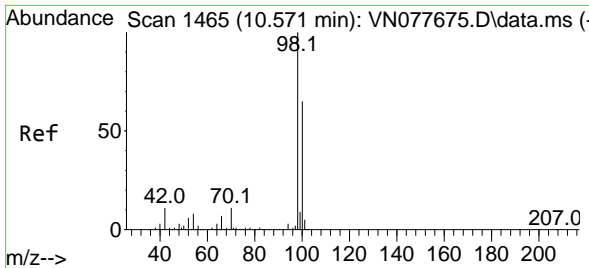
Tgt Ion	Resp	Lower	Upper
114	100		
63	20.2	0.0	36.4
88	14.4	0.0	30.6



#35  
 Dibromofluoromethane  
 Concen: 49.761 ug/l  
 RT: 8.171 min Scan# 1057  
 Delta R.T. -0.000 min  
 Lab File: VN077919.D  
 Acq: 26 May 2023 11:52

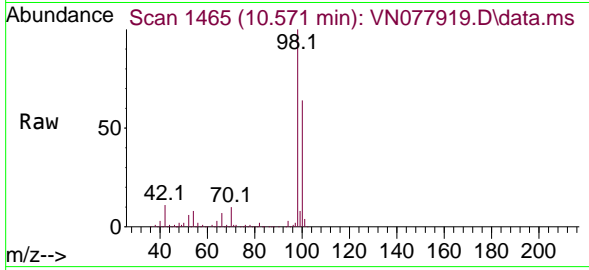
Tgt Ion	Resp	Lower	Upper
113	100		
111	101.4	82.6	123.8
192	16.2	12.7	19.1



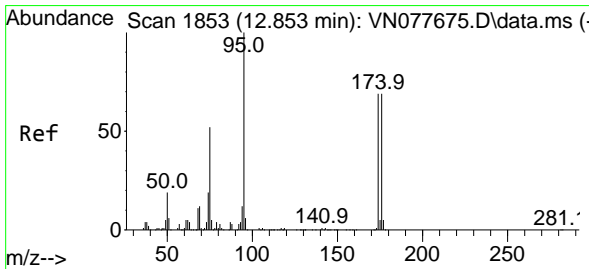
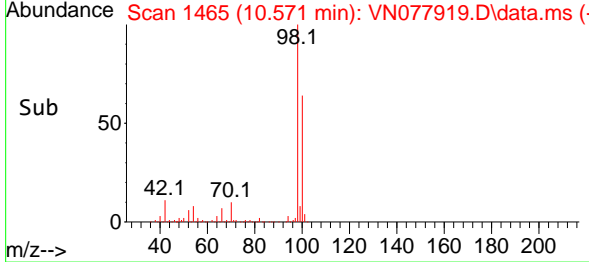
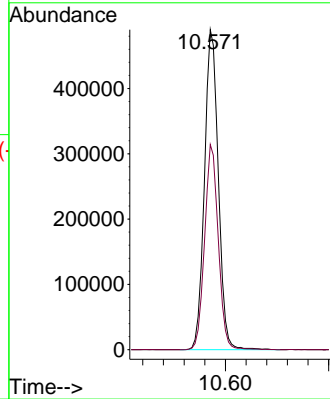


#50  
 Toluene-d8  
 Concen: 49.002 ug/l  
 RT: 10.571 min Scan# 1465  
 Delta R.T. -0.000 min  
 Lab File: VN077919.D  
 Acq: 26 May 2023 11:52

Instrument : MSVOA\_N  
 ClientSampleId : VN0526MBL01

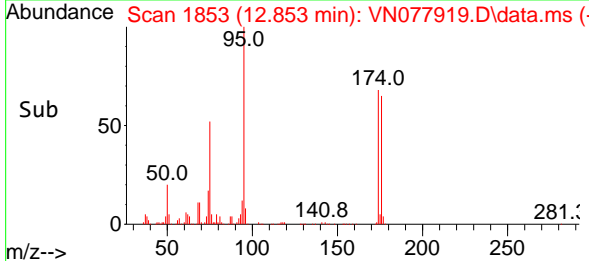
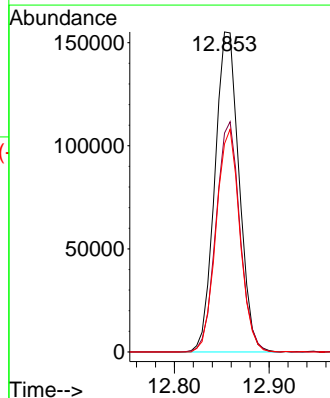
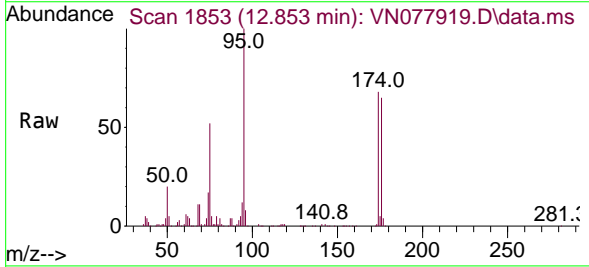


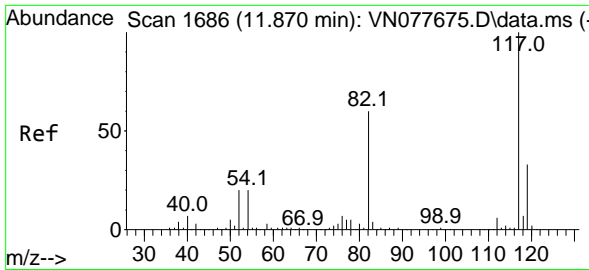
Tgt Ion: 98 Resp: 910442  
 Ion Ratio Lower Upper  
 98 100  
 100 63.3 52.0 78.0



#62  
 4-Bromofluorobenzene  
 Concen: 42.023 ug/l  
 RT: 12.853 min Scan# 1853  
 Delta R.T. -0.000 min  
 Lab File: VN077919.D  
 Acq: 26 May 2023 11:52

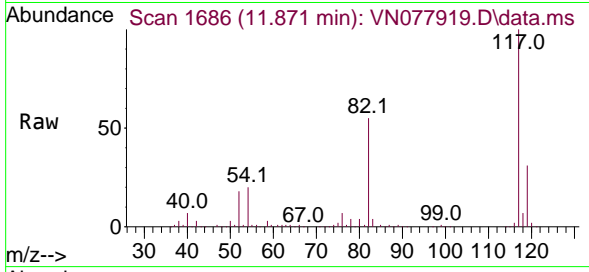
Tgt Ion: 95 Resp: 275753  
 Ion Ratio Lower Upper  
 95 100  
 174 71.0 0.0 143.8  
 176 68.2 0.0 135.8



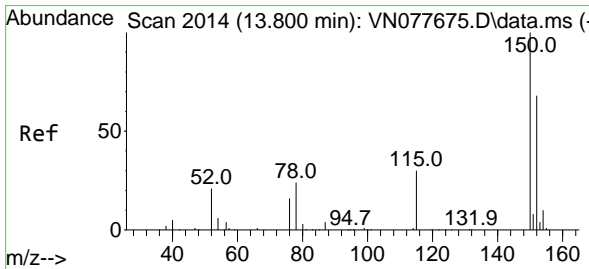
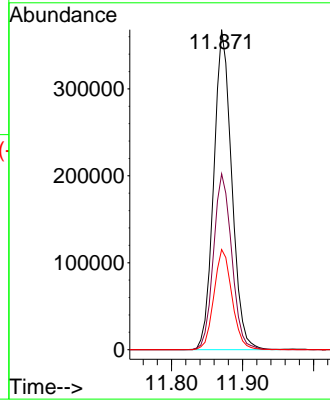
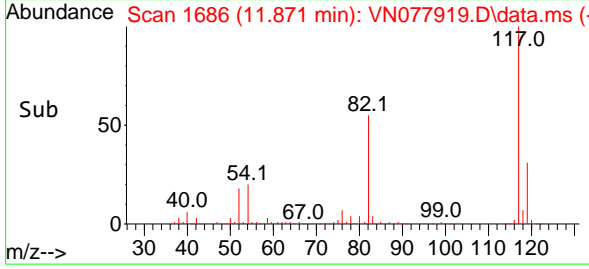


#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.871 min Scan# 11  
 Delta R.T. 0.001 min  
 Lab File: VN077919.D  
 Acq: 26 May 2023 11:52

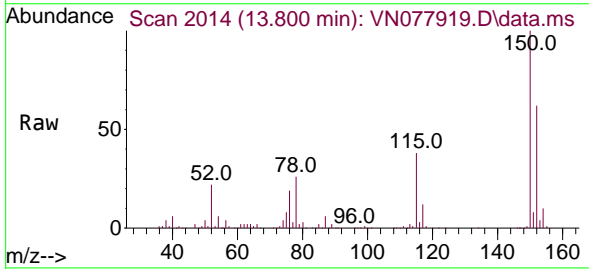
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Tgt Ion:117 Resp: 646687  
 Ion Ratio Lower Upper  
 117 100  
 82 55.0 44.0 66.0  
 119 31.3 25.6 38.4



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.800 min Scan# 2014  
 Delta R.T. -0.000 min  
 Lab File: VN077919.D  
 Acq: 26 May 2023 11:52



Tgt Ion:152 Resp: 209446  
 Ion Ratio Lower Upper  
 152 100  
 115 62.9 32.3 96.8  
 150 159.1 0.0 355.8

