

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
 Data File : VN077967.D
 Acq On : 30 May 2023 14:15
 Operator : JC\MD
 Sample : 02973-13 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-01-20230526

Quant Time: May 31 02:07:23 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)

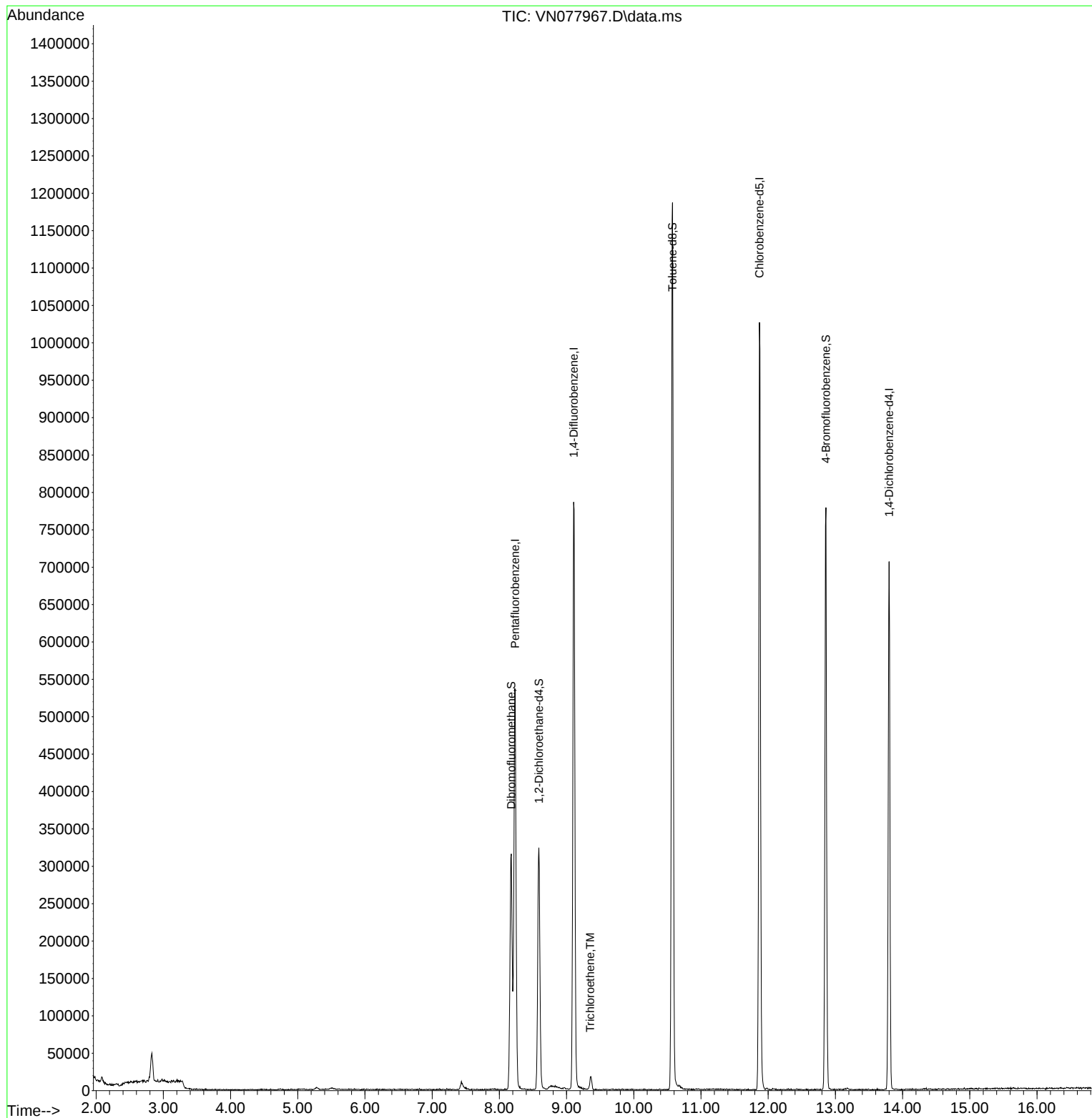
Internal Standards						
1) Pentafluorobenzene	8.236	168	379091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	702320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	622577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	194465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	269024	47.429	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.860%
35) Dibromofluoromethane	8.177	113	223040	48.701	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.400%
50) Toluene-d8	10.577	98	860468	48.813	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.620%
62) 4-Bromofluorobenzene	12.859	95	281190	45.165	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.340%
Target Compounds						
					Qvalue	
44) Trichloroethene	9.353	130	6554	1.309	ug/l	94

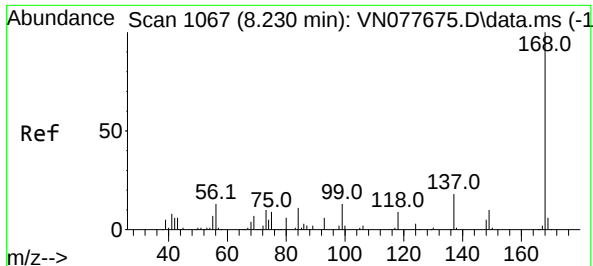
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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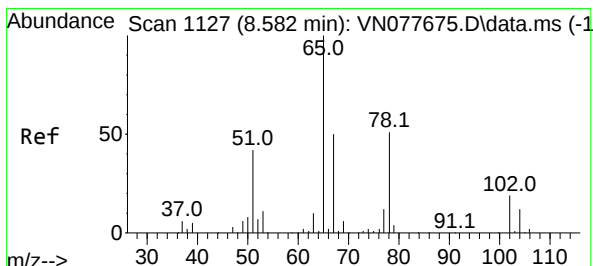
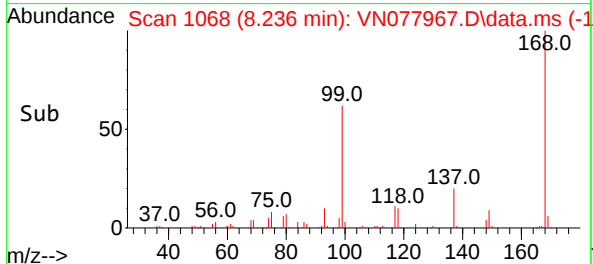
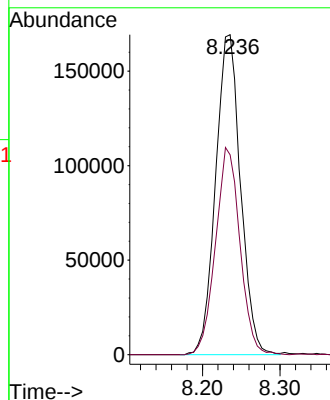
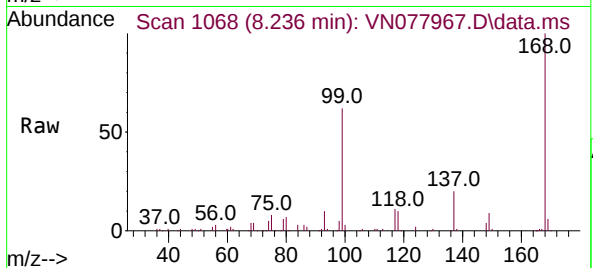




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN077967.D
Acq: 30 May 2023 14:15

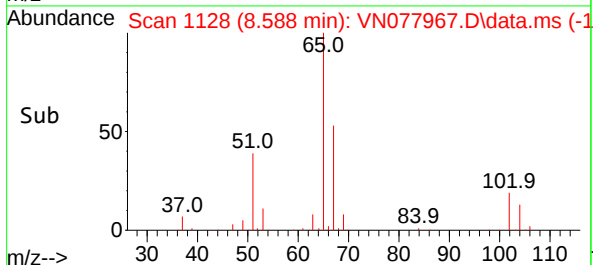
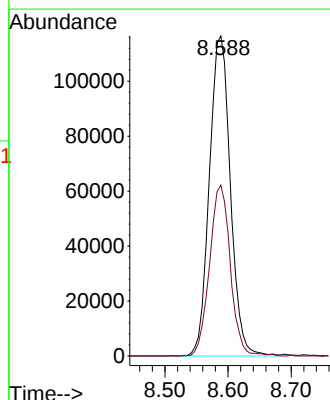
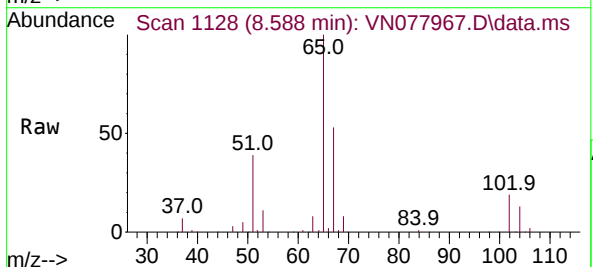
Instrument :
MSVOA_N
ClientSampleId :
DUP-01-20230526

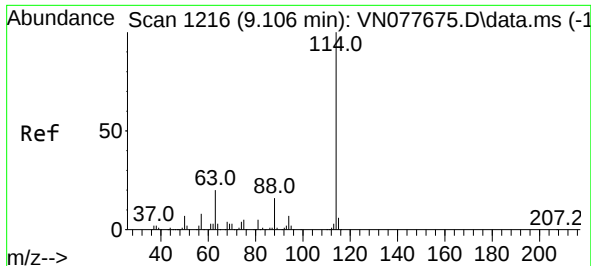
Tgt Ion:168 Resp: 379091
Ion Ratio Lower Upper
168 100
99 62.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 47.429 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077967.D
Acq: 30 May 2023 14:15

Tgt Ion: 65 Resp: 269024
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.6

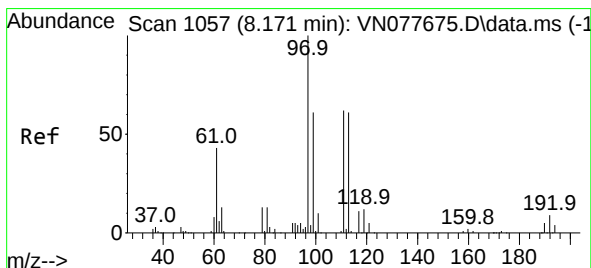
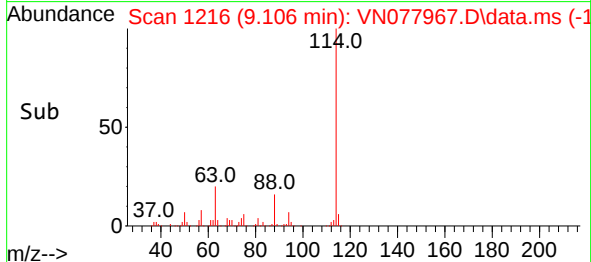
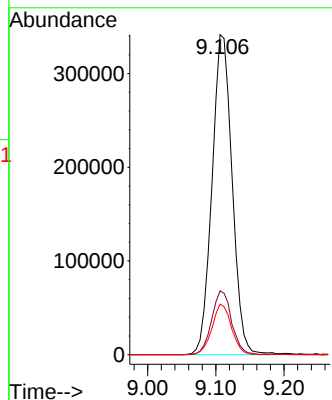
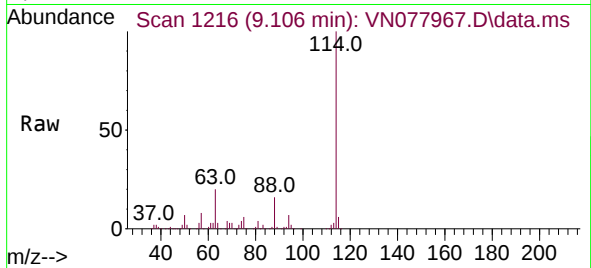




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077967.D
Acq: 30 May 2023 14:15

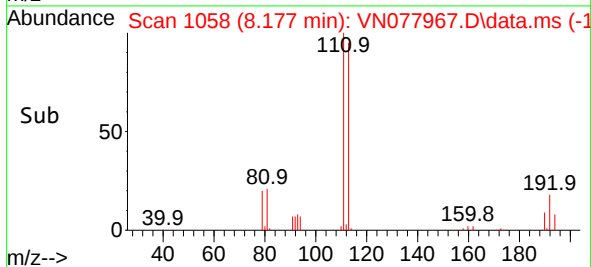
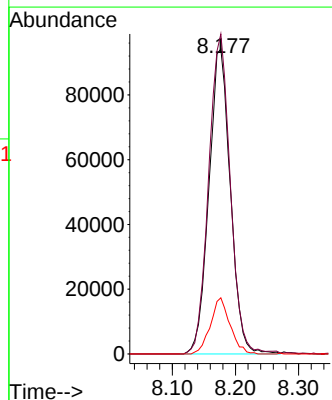
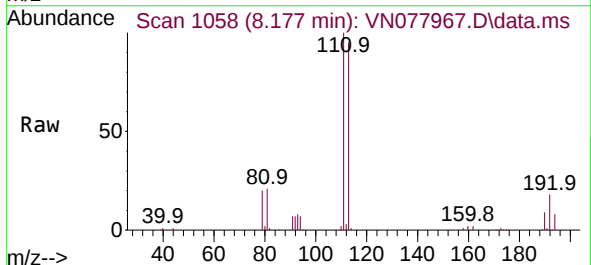
Instrument :
MSVOA_N
ClientSampleId :
DUP-01-20230526

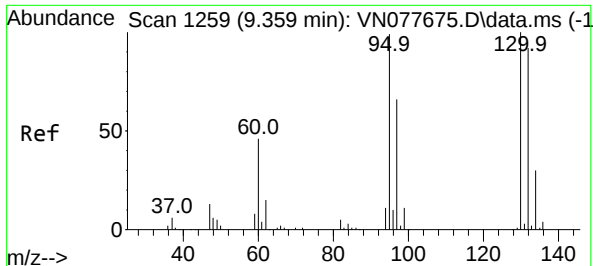
Tgt Ion:114 Resp: 702320
Ion Ratio Lower Upper
114 100
63 19.9 0.0 36.4
88 15.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.701 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077967.D
Acq: 30 May 2023 14:15

Tgt Ion:113 Resp: 223040
Ion Ratio Lower Upper
113 100
111 105.4 82.6 123.8
192 16.8 12.7 19.1

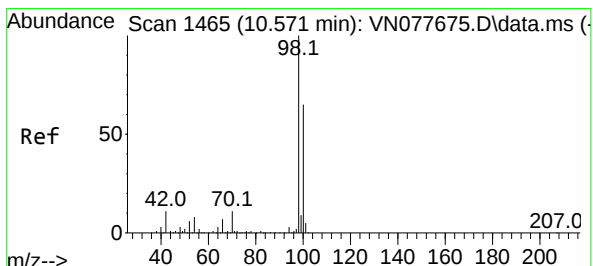
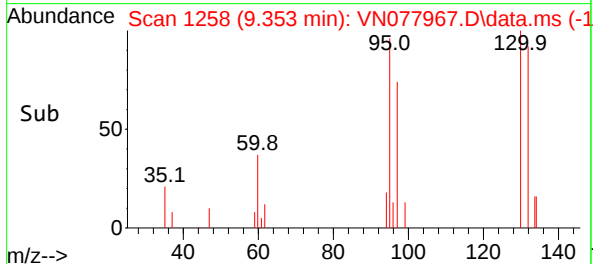
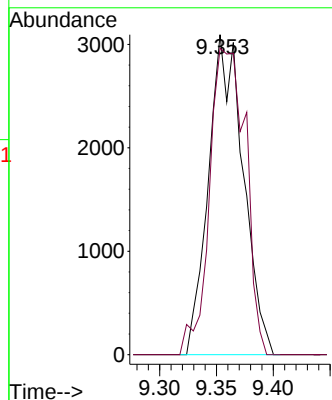
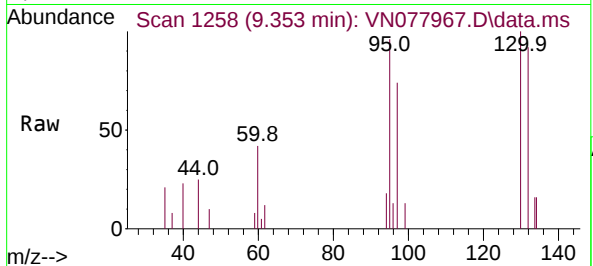




#44
Trichloroethene
Concen: 1.309 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077967.D
Acq: 30 May 2023 14:15

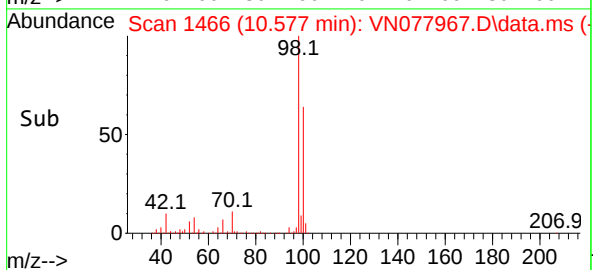
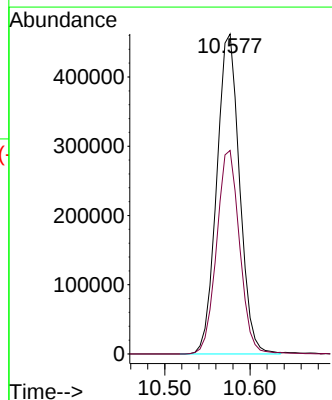
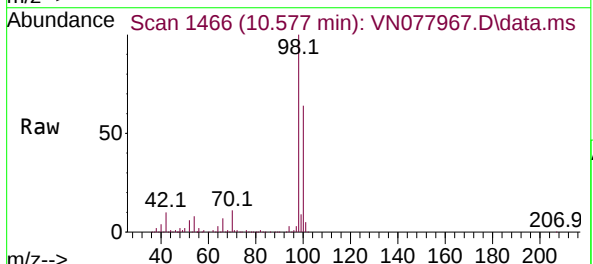
Instrument :
MSVOA_N
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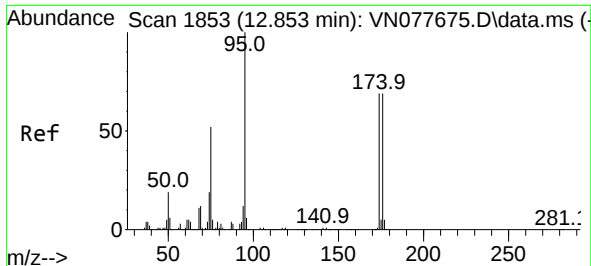
Tgt Ion:130 Resp: 6554
Ion Ratio Lower Upper
130 100
95 95.8 0.0 204.6



#50
Toluene-d8
Concen: 48.813 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN077967.D
Acq: 30 May 2023 14:15

Tgt Ion: 98 Resp: 860468
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

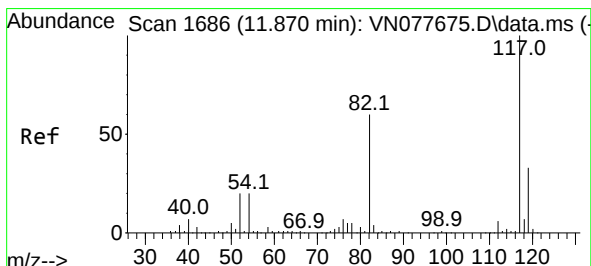
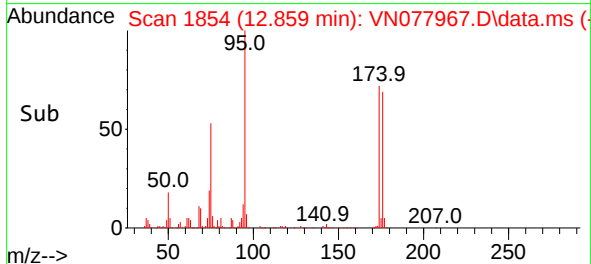
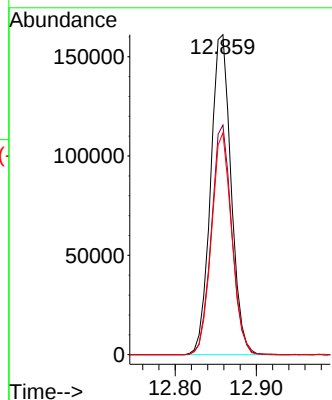
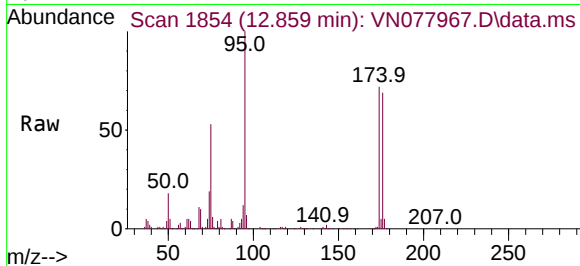




#62
4-Bromofluorobenzene
Concen: 45.165 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077967.D
Acq: 30 May 2023 14:15

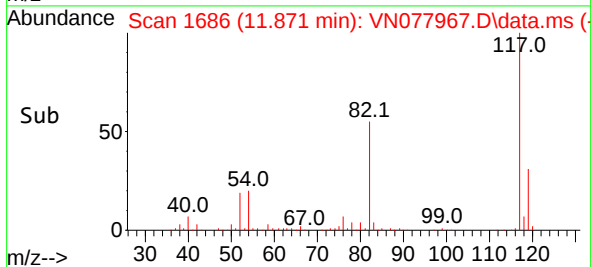
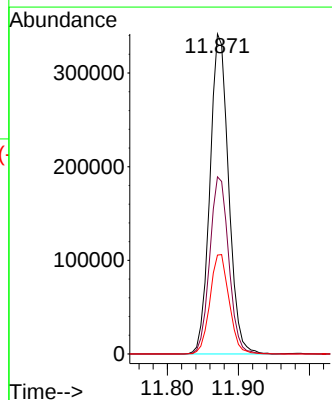
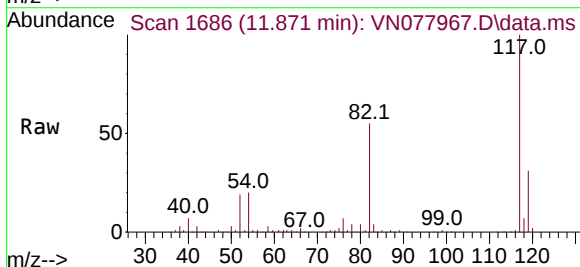
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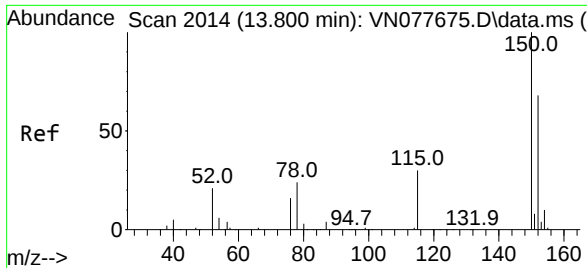
Tgt Ion: 95 Resp: 281190
Ion Ratio Lower Upper
95 100
174 71.9 0.0 143.8
176 69.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077967.D
Acq: 30 May 2023 14:15

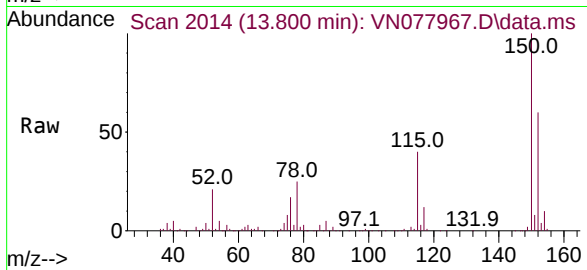
Tgt Ion: 117 Resp: 622577
Ion Ratio Lower Upper
117 100
82 55.4 44.0 66.0
119 30.9 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077967.D
 Acq: 30 May 2023 14:15

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-01-20230526



Tgt Ion:152 Resp: 194465
 Ion Ratio Lower Upper
 152 100
 115 61.5 32.3 96.8
 150 154.8 0.0 355.8

