

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077954.D
 Acq On : 27 May 2023 04:03
 Operator : JC\MD
 Sample : 02970-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: May 29 01:43:33 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)

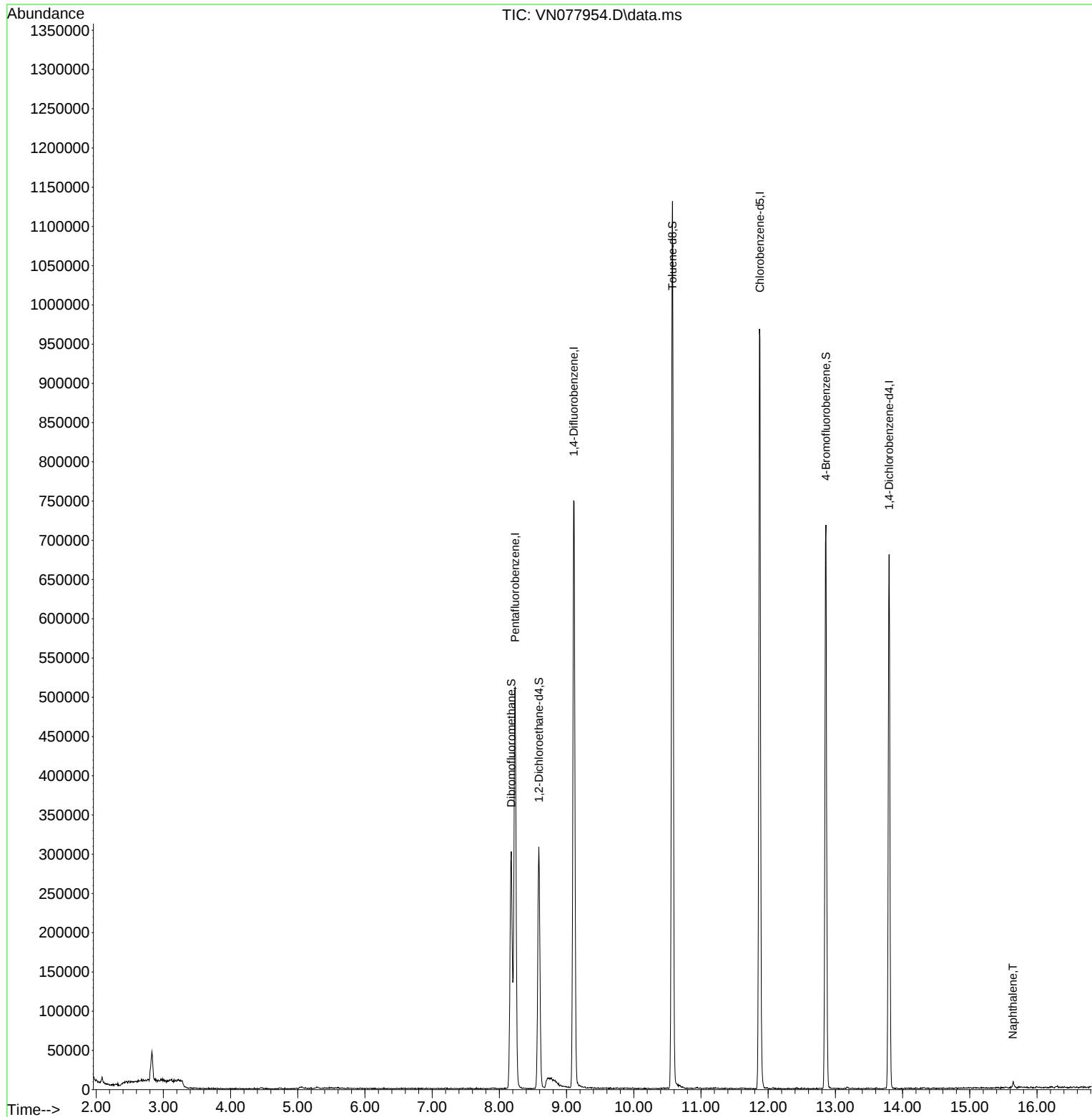
Internal Standards						
1) Pentafluorobenzene	8.235	168	363577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	677376	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	582001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	179984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	251667	46.262	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.520%
35) Dibromofluoromethane	8.177	113	220078	49.824	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.640%
50) Toluene-d8	10.576	98	830100	48.824	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.640%
62) 4-Bromofluorobenzene	12.859	95	265834	44.271	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.540%
Target Compounds						
95) Naphthalene	15.641	128	6404	0.520	ug/l	Qvalue # 94

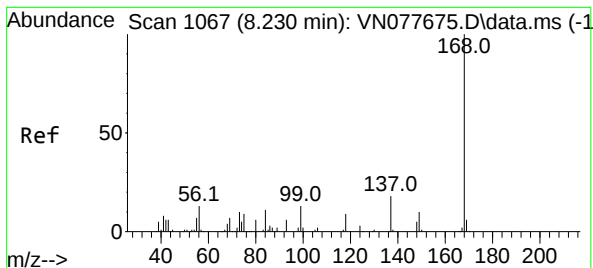
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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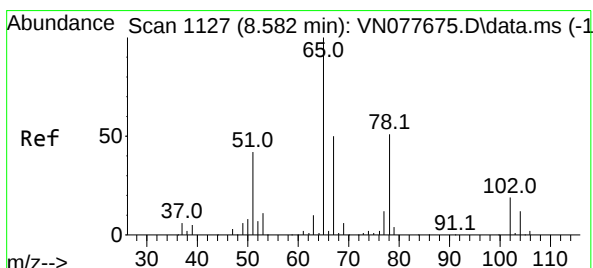
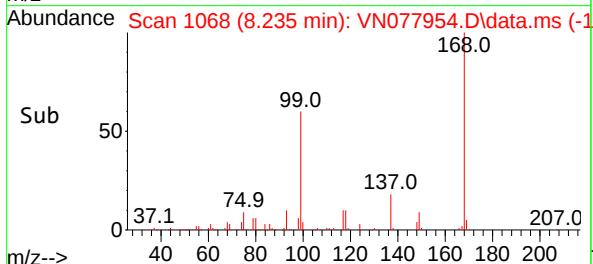
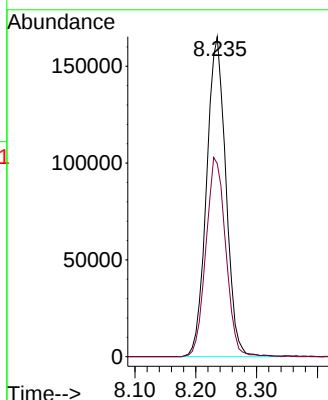
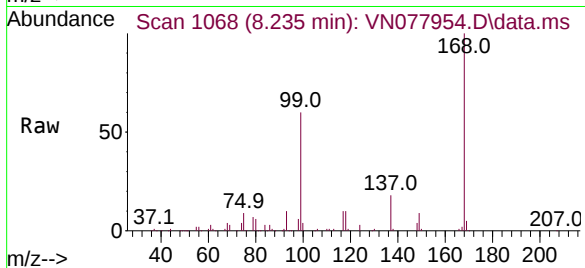




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077954.D
Acq: 27 May 2023 04:03

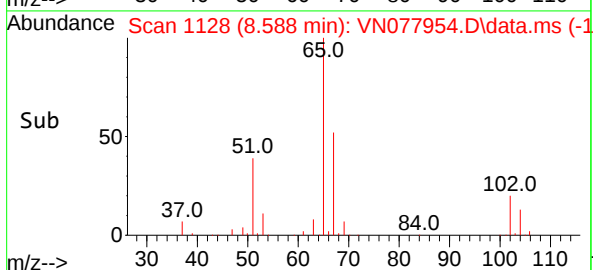
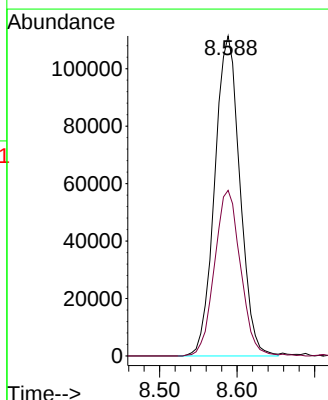
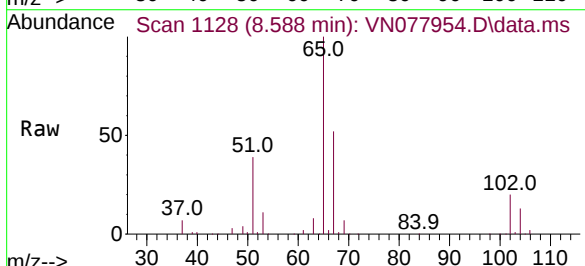
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

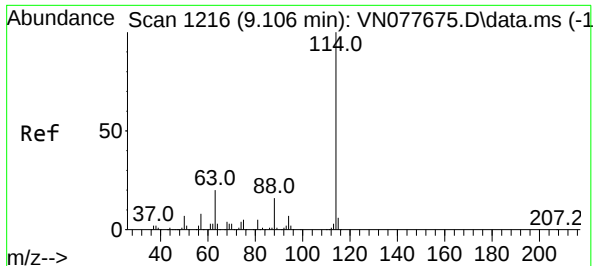
Tgt Ion:168 Resp: 363577
Ion Ratio Lower Upper
168 100
99 60.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 46.262 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077954.D
Acq: 27 May 2023 04:03

Tgt Ion: 65 Resp: 251667
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077954.D

Acq: 27 May 2023 04:03

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

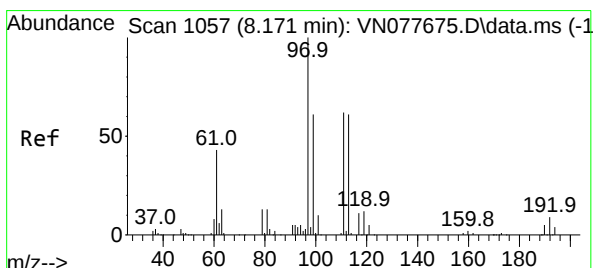
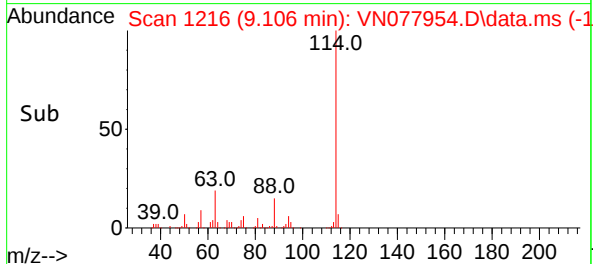
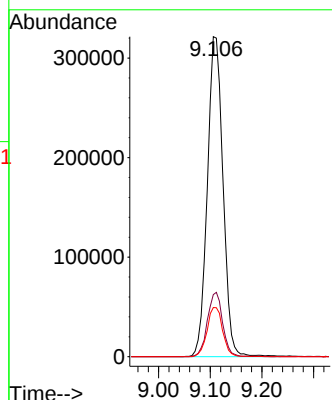
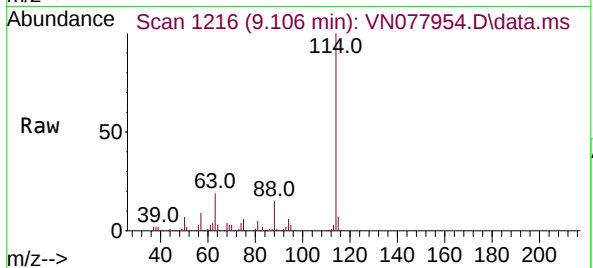
Tgt Ion:114 Resp: 677376

Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.824 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077954.D

Acq: 27 May 2023 04:03

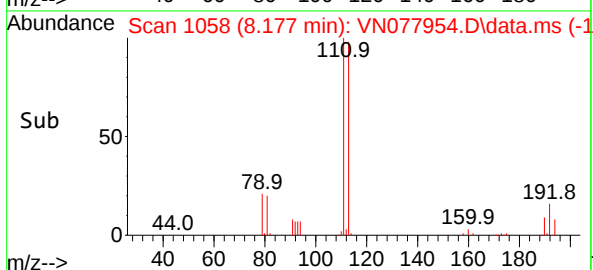
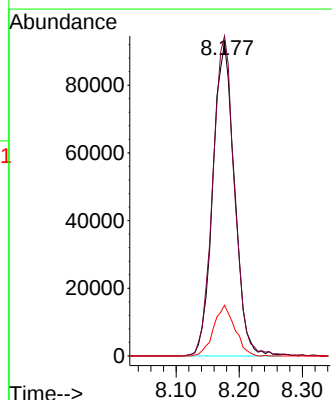
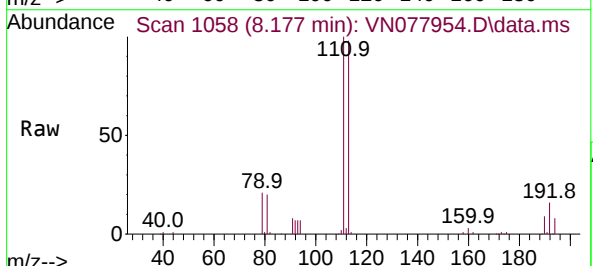
Tgt Ion:113 Resp: 220078

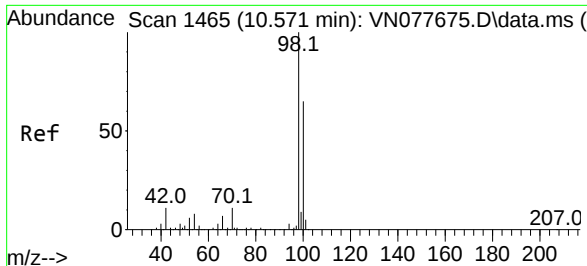
Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 15.9 12.7 19.1

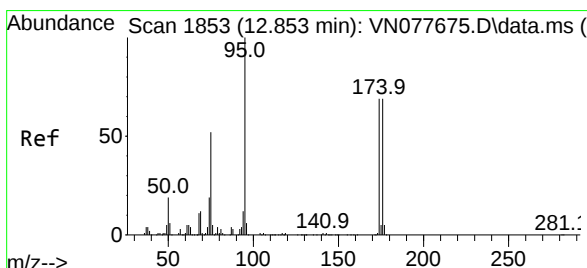
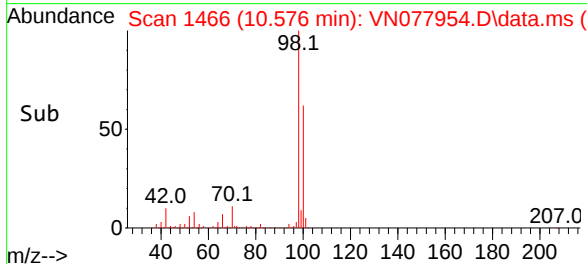
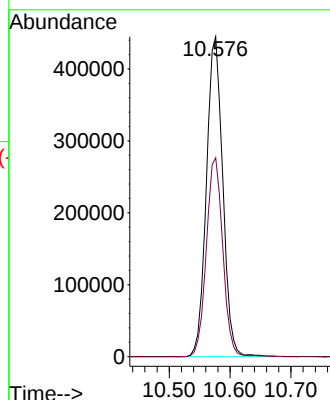
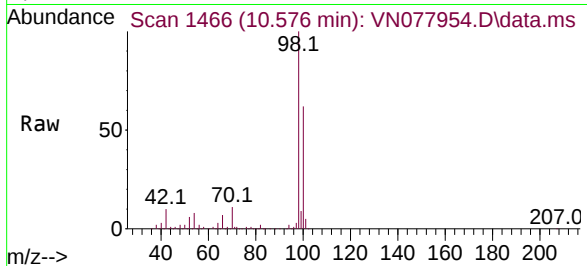




#50
Toluene-d8
Concen: 48.824 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN077954.D
Acq: 27 May 2023 04:03

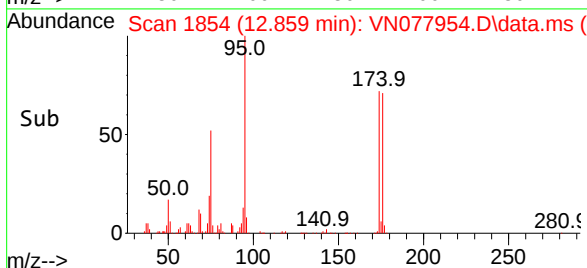
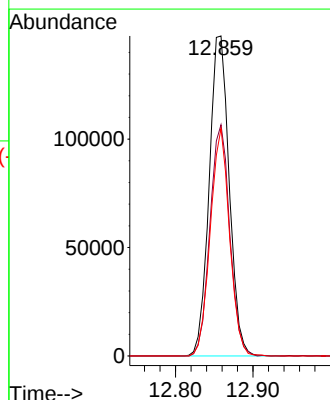
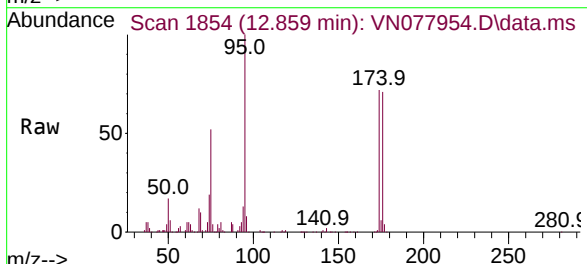
Instrument :
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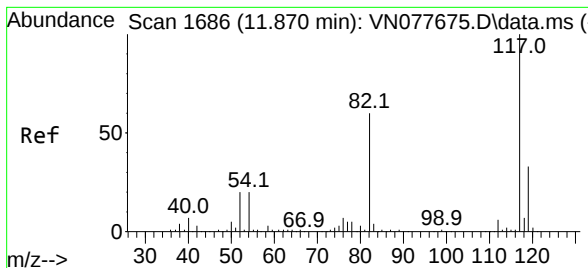
Tgt Ion: 98 Resp: 830100
Ion Ratio Lower Upper
98 100
100 62.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.271 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077954.D
Acq: 27 May 2023 04:03

Tgt Ion: 95 Resp: 265834
Ion Ratio Lower Upper
95 100
174 71.5 0.0 143.8
176 68.1 0.0 135.8

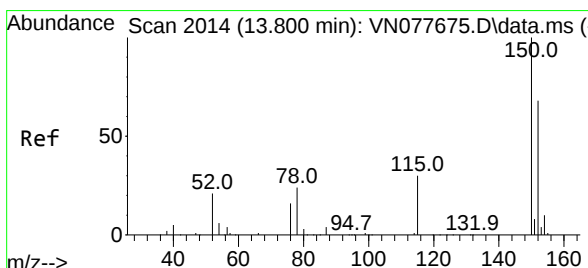
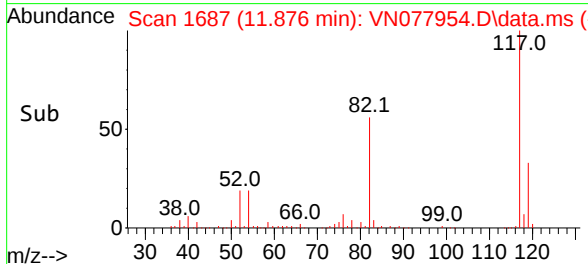
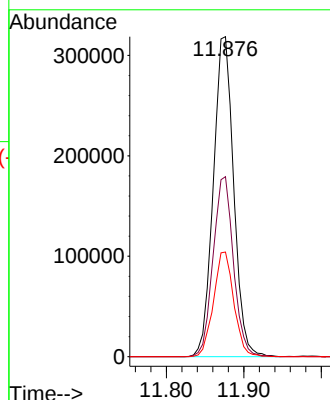
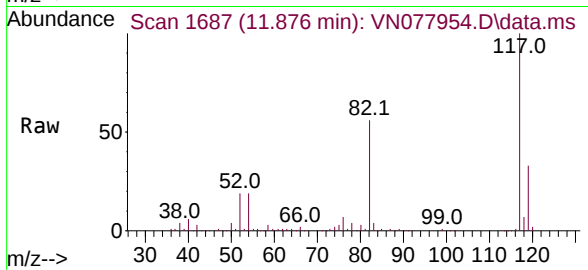




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN077954.D
Acq: 27 May 2023 04:03

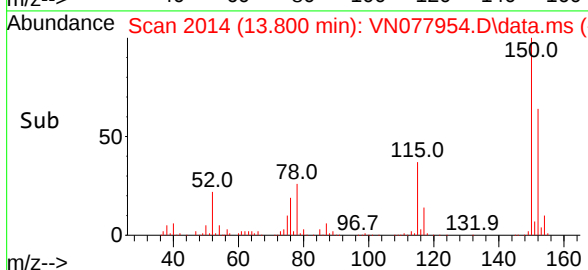
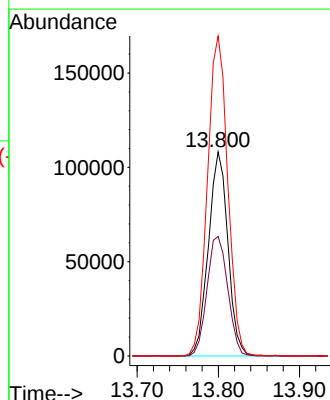
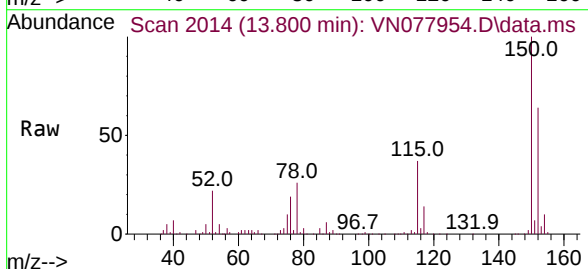
Instrument :
MSVOA_N
ClientSampleId :
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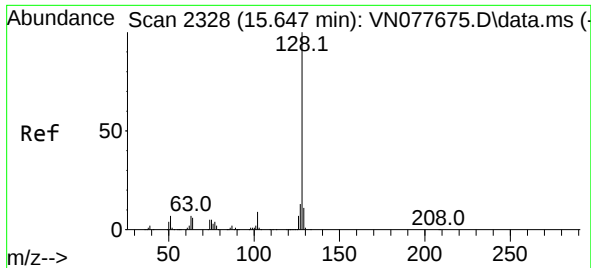
Tgt Ion:117 Resp: 582001
Ion Ratio Lower Upper
117 100
82 56.2 44.0 66.0
119 32.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077954.D
Acq: 27 May 2023 04:03

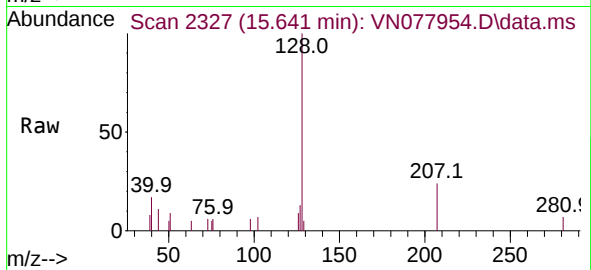
Tgt Ion:152 Resp: 179984
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 162.8 0.0 355.8





#95
Naphthalene
Concen: 0.520 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN077954.D
Acq: 27 May 2023 04:03

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4



Tgt Ion:	128	Resp:	6404
Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.0	15.0
129	8.3	8.7	13.1#

