

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032123\
 Data File : VN077087.D
 Acq On : 21 Mar 2023 13:52
 Operator : JC\MD
 Sample : 01941-04DL 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT180D1-20230313DL

Quant Time: Mar 21 23:16:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

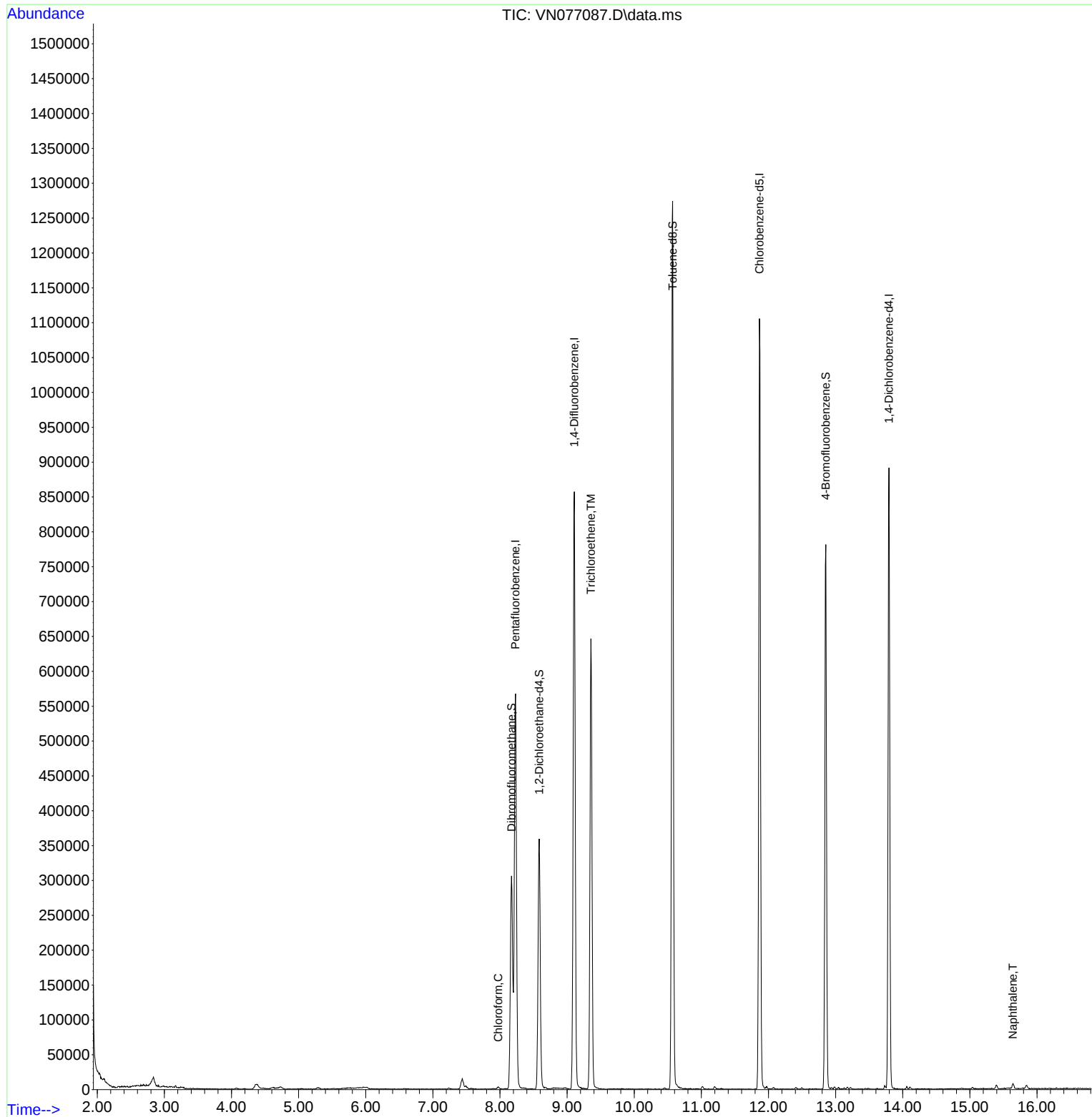
Internal Standards						
1) Pentafluorobenzene	8.230	168	400950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	728016	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	636741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	234653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	296629	46.316	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.640%		
35) Dibromofluoromethane	8.172	113	228931	44.903	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.800%		
50) Toluene-d8	10.572	98	882503	48.457	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.920%		
62) 4-Bromofluorobenzene	12.854	95	286938	44.587	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.180%		
Target Compounds						Qvalue
30) Chloroform	7.972	83	2524	0.233	ug/l	98
44) Trichloroethene	9.354	130	230808	41.607	ug/l	94
95) Naphthalene	15.642	128	8000	2.405	ug/l	98

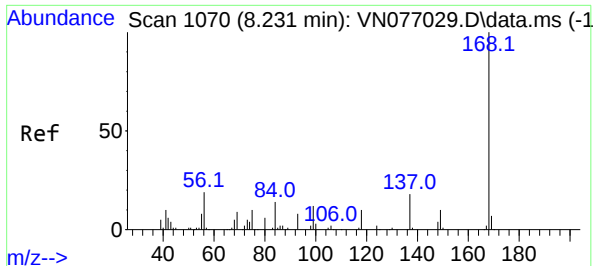
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

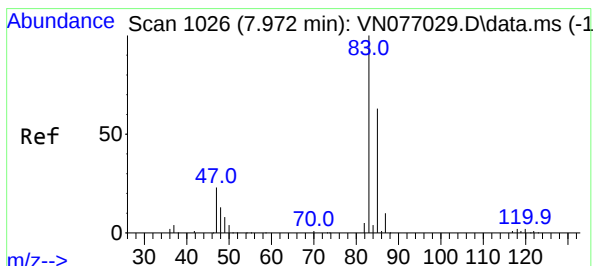
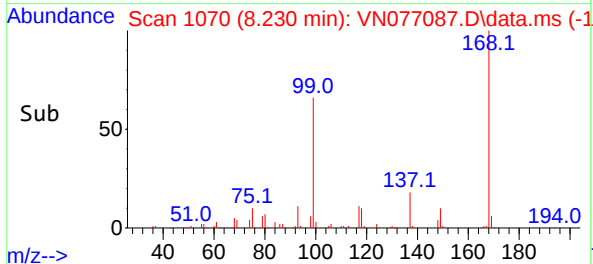
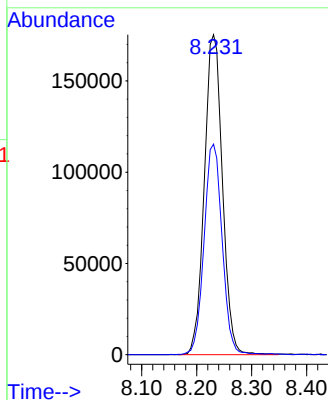
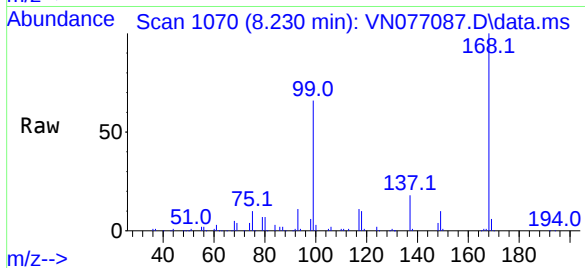




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077087.D
Acq: 21 Mar 2023 13:52

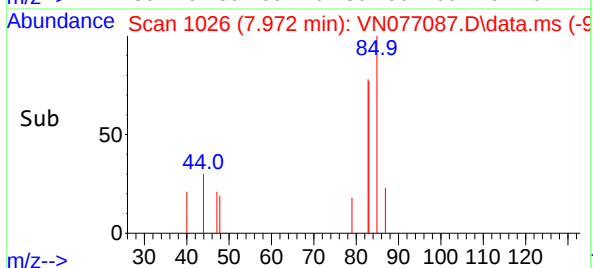
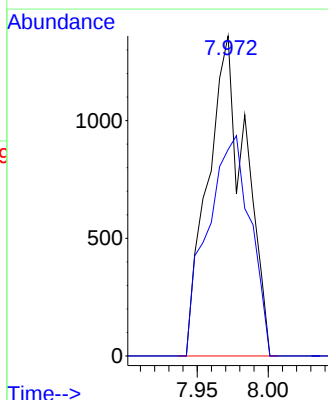
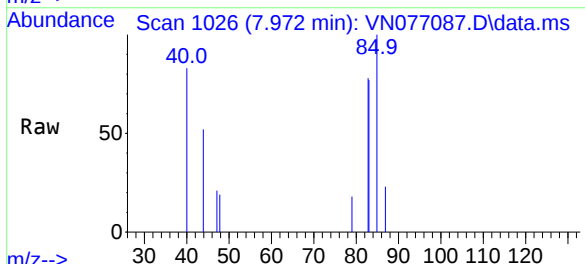
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313DL

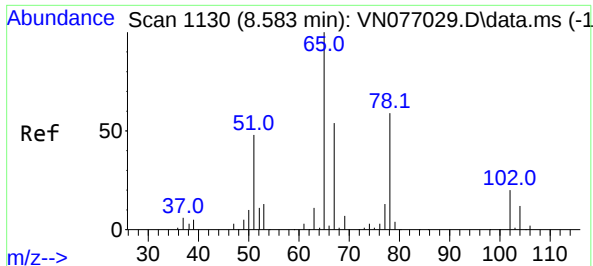
Tgt Ion:168 Resp: 400950
Ion Ratio Lower Upper
168 100
99 65.7 53.9 80.9



#30
Chloroform
Concen: 0.233 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN077087.D
Acq: 21 Mar 2023 13:52

Tgt Ion: 83 Resp: 2524
Ion Ratio Lower Upper
83 100
85 64.5 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 46.316 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077087.D

Acq: 21 Mar 2023 13:52

Instrument :

MSVOA_N

ClientSampleId :

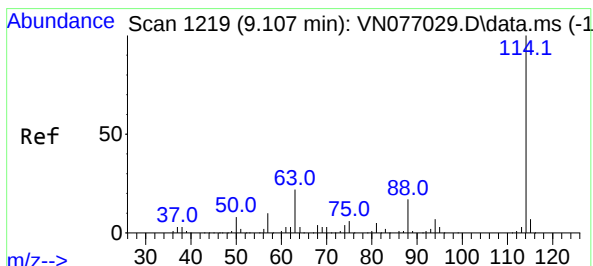
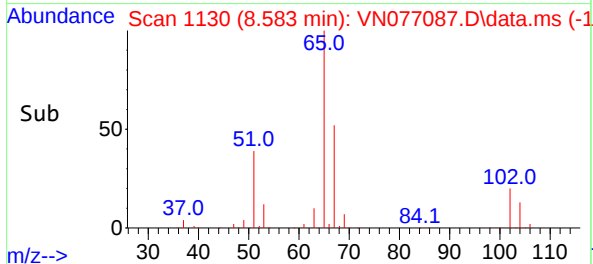
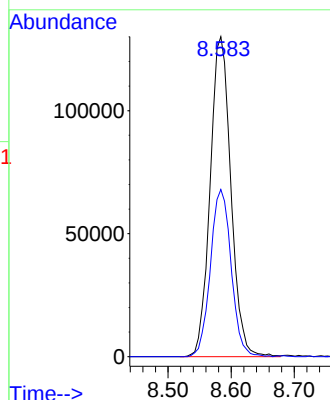
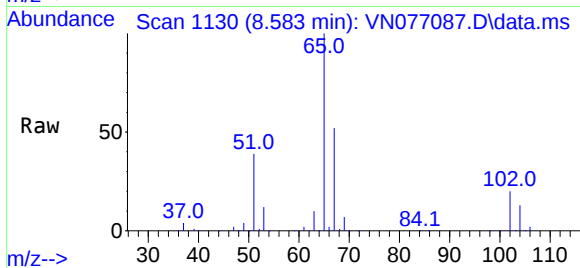
TT180D1-20230313DL

Tgt Ion: 65 Resp: 296629

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077087.D

Acq: 21 Mar 2023 13:52

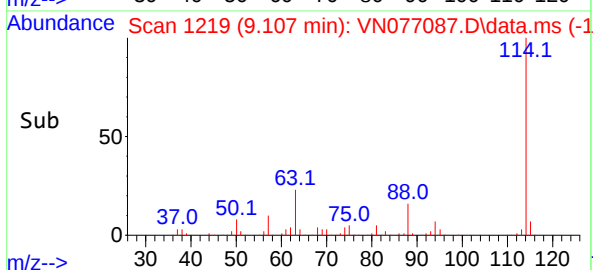
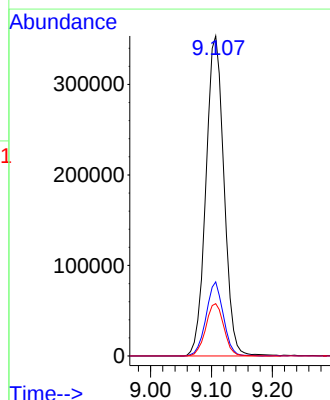
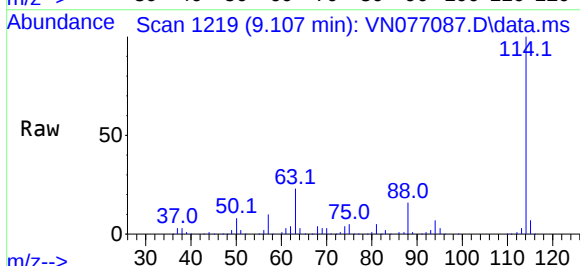
Tgt Ion: 114 Resp: 728016

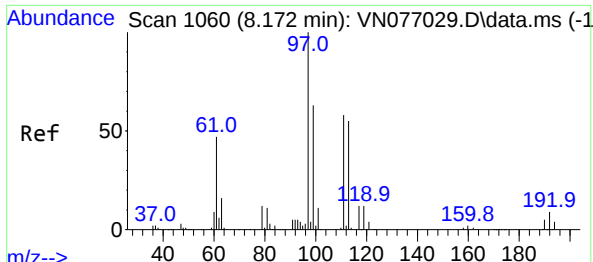
Ion Ratio Lower Upper

114 100

63 23.2 0.0 44.6

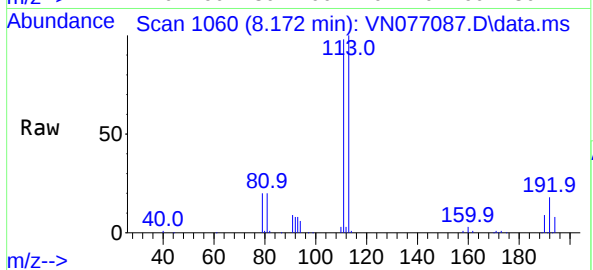
88 16.3 0.0 33.8



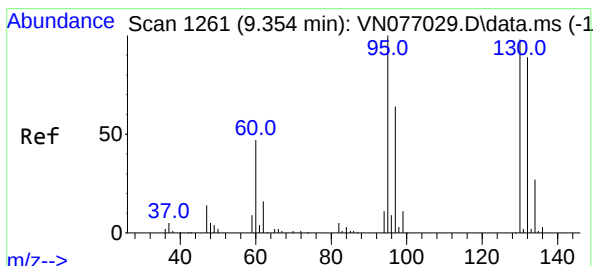
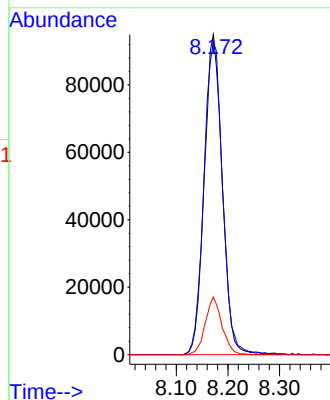
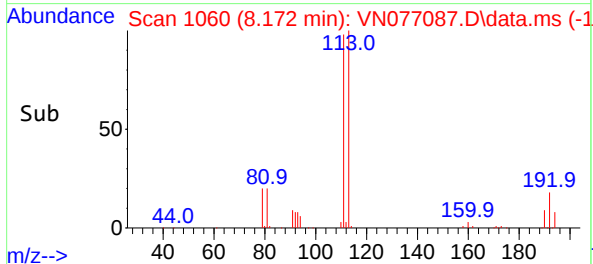


#35
Dibromofluoromethane
Concen: 44.903 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077087.D
Acq: 21 Mar 2023 13:52

Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313DL

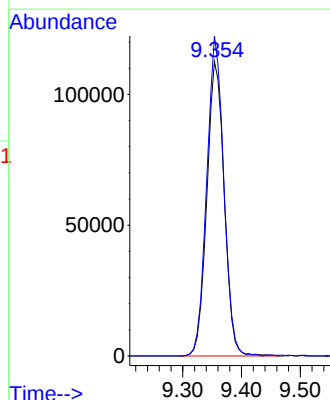
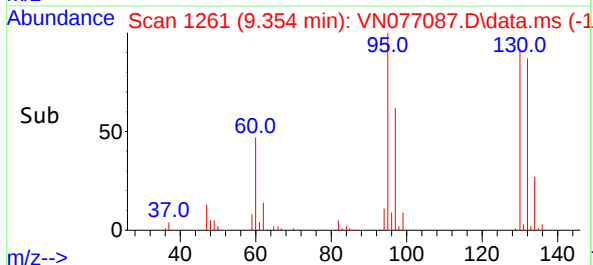
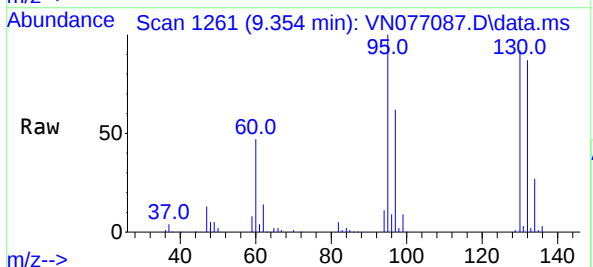


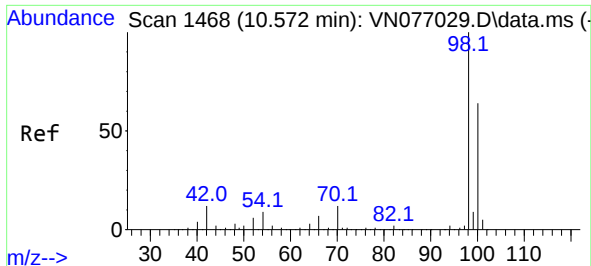
Tgt Ion:113 Resp: 228931
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.2
192 16.7 13.0 19.6



#44
Trichloroethene
Concen: 41.607 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077087.D
Acq: 21 Mar 2023 13:52

Tgt Ion:130 Resp: 230808
Ion Ratio Lower Upper
130 100
95 108.7 0.0 204.4

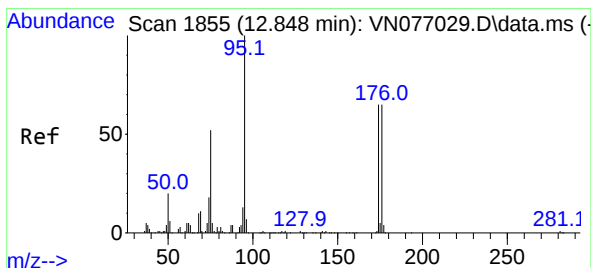
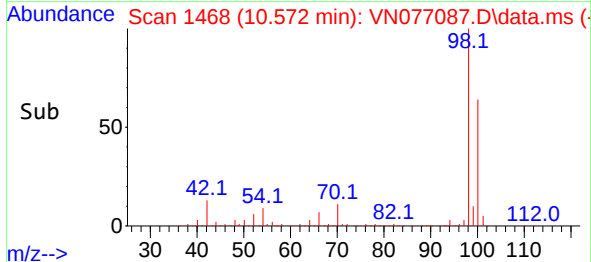
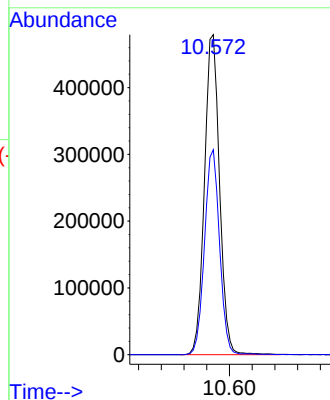
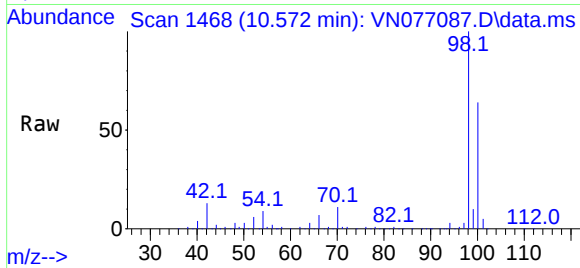




#50
Toluene-d8
Concen: 48.457 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077087.D
Acq: 21 Mar 2023 13:52

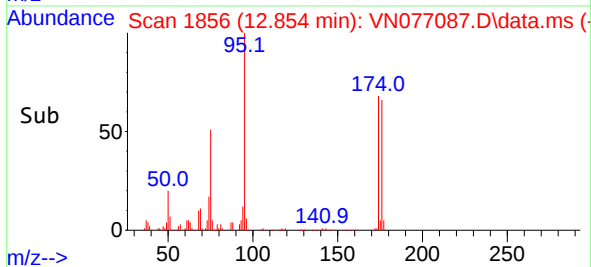
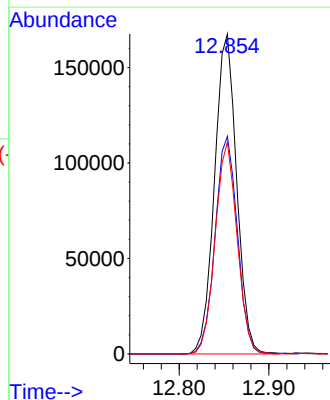
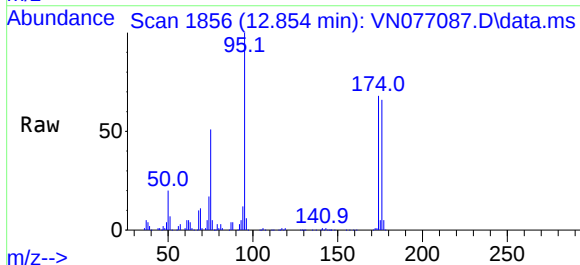
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313DL

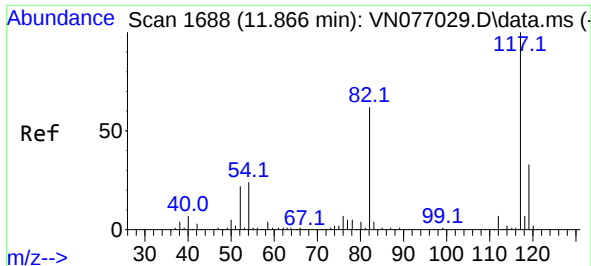
Tgt Ion: 98 Resp: 882503
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 44.587 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077087.D
Acq: 21 Mar 2023 13:52

Tgt Ion: 95 Resp: 286938
Ion Ratio Lower Upper
95 100
174 68.5 0.0 136.6
176 65.5 0.0 130.0

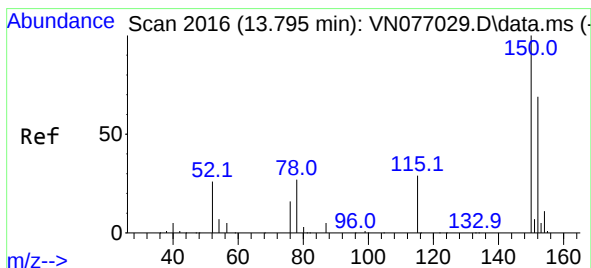
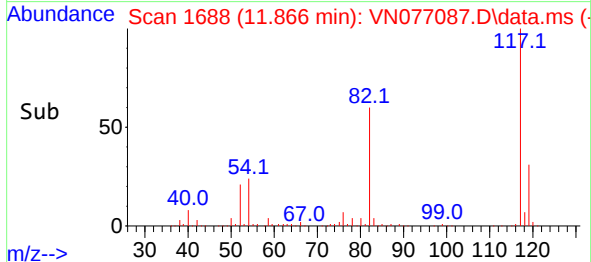
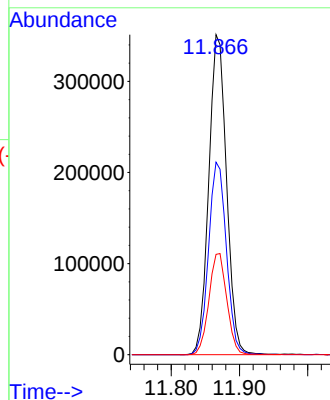
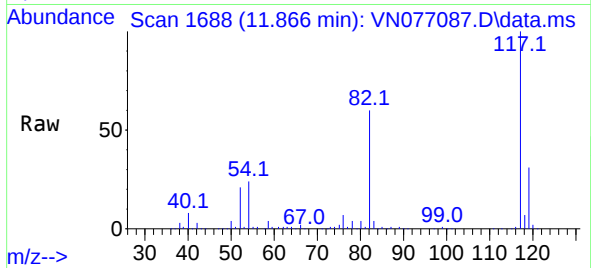




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077087.D
Acq: 21 Mar 2023 13:52

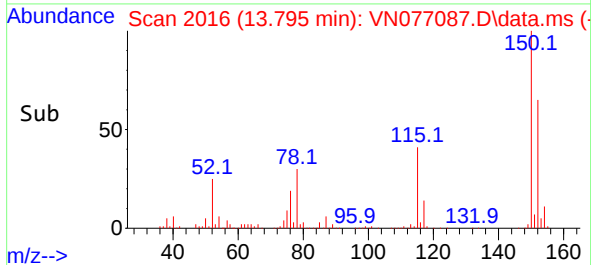
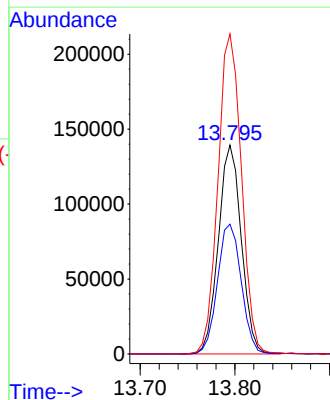
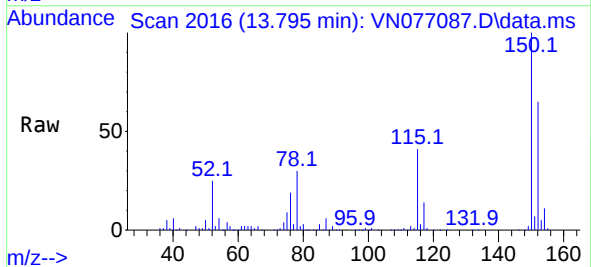
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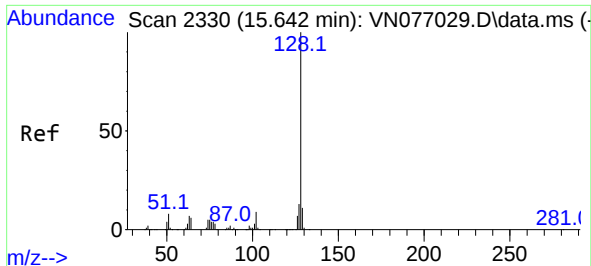
Tgt Ion:117 Resp: 636741
Ion Ratio Lower Upper
117 100
82 60.1 49.4 74.0
119 31.4 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077087.D
Acq: 21 Mar 2023 13:52

Tgt Ion:152 Resp: 234653
Ion Ratio Lower Upper
152 100
115 64.7 31.9 95.7
150 157.1 0.0 348.0





#95

Naphthalene

Concen: 2.405 ug/l

RT: 15.642 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077087.D

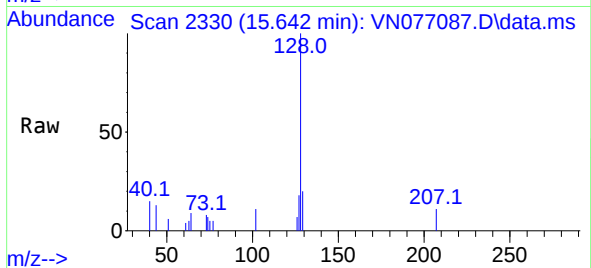
Acq: 21 Mar 2023 13:52

Instrument :

MSVOA_N

ClientSampleId :

TT180D1-20230313DL



Tgt Ion:128 Resp: 8000

Ion Ratio Lower Upper

128 100

127 11.5 10.0 15.0

129 10.6 8.6 13.0

