

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077040.D
 Acq On : 17 Mar 2023 18:10
 Operator : JC\MD
 Sample : 01941-02 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT180D2-20230313

Quant Time: Mar 18 02:32:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 02:17:37 2023
 Response via : Initial Calibration

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

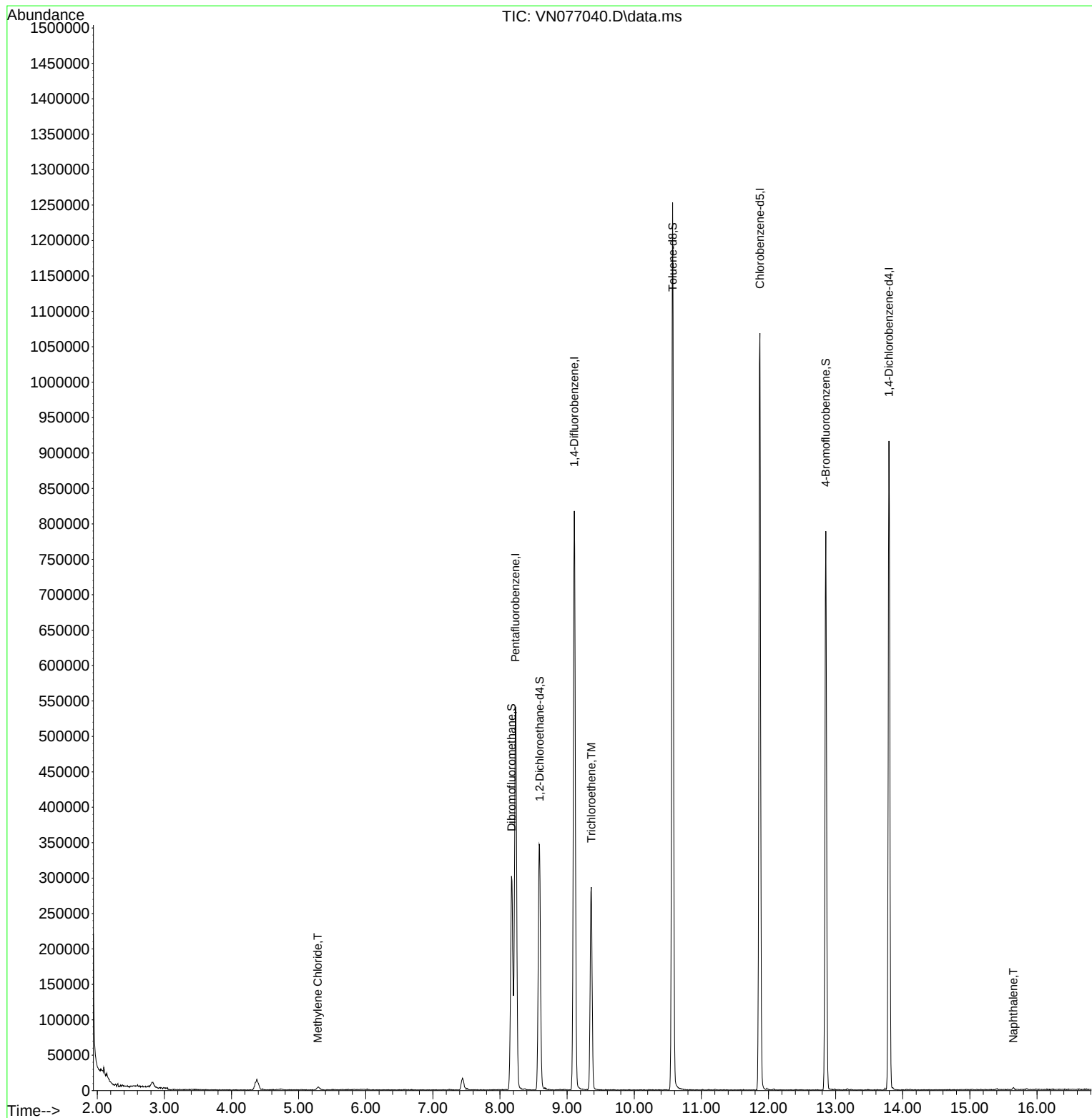
Internal Standards						
1) Pentafluorobenzene	8.230	168	376460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	685400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	603205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	234487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	294372	48.954	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.900%		
35) Dibromofluoromethane	8.172	113	222137	46.279	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.560%		
50) Toluene-d8	10.572	98	848691	49.498	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.000%		
62) 4-Bromofluorobenzene	12.854	95	276769	45.681	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.360%		
Target Compounds						Qvalue
20) Methylene Chloride	5.284	84	3719	0.640	ug/l #	72
44) Trichloroethene	9.360	130	98497	18.860	ug/l	95
95) Naphthalene	15.648	128	3271	2.114	ug/l #	89

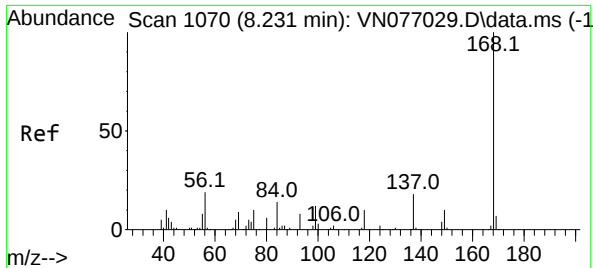
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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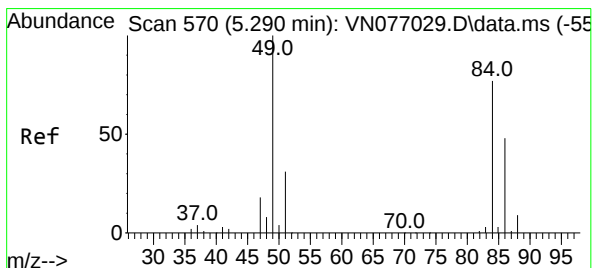
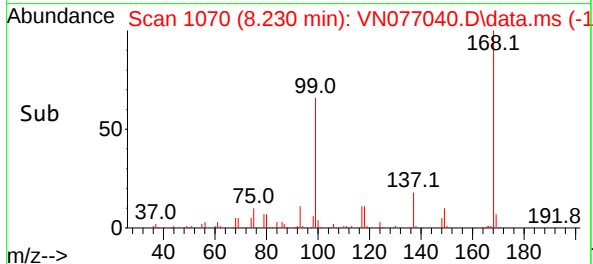
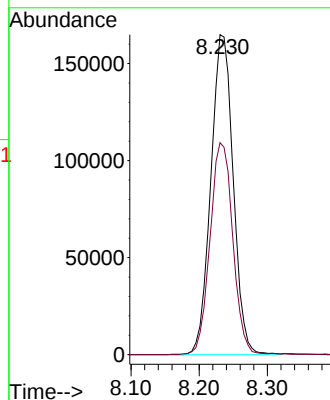
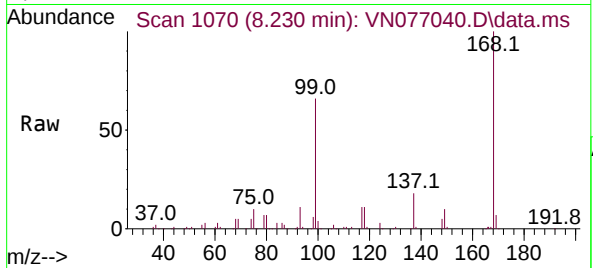




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077040.D
Acq: 17 Mar 2023 18:10

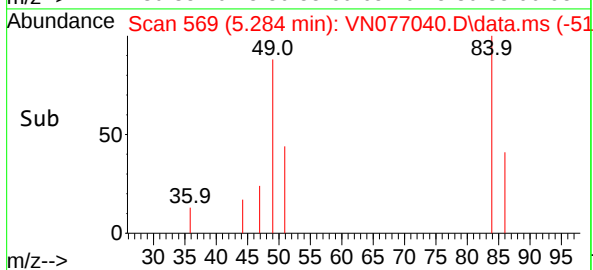
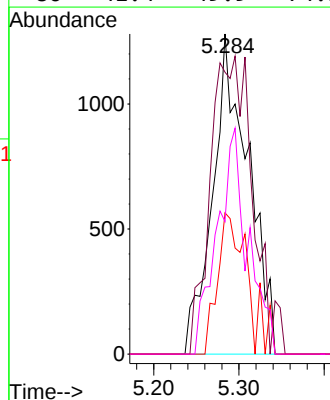
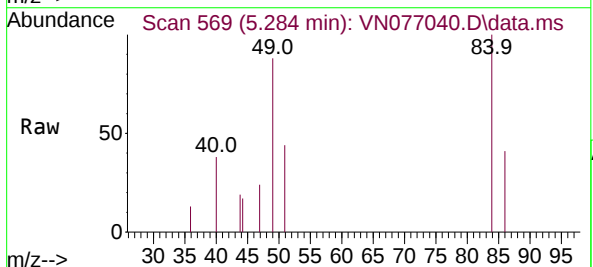
Instrument :
MSVOA_N
ClientSampleId :
TT180D2-20230313

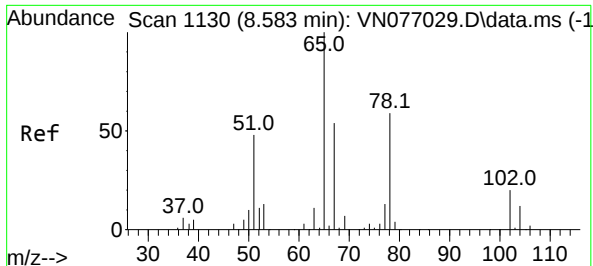
Tgt Ion:168 Resp: 376460
Ion Ratio Lower Upper
168 100
99 66.1 53.9 80.9



#20
Methylene Chloride
Concen: 0.640 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077040.D
Acq: 17 Mar 2023 18:10

Tgt Ion: 84 Resp: 3719
Ion Ratio Lower Upper
84 100
49 88.0 103.8 155.6#
51 44.1 32.3 48.5
86 41.4 49.9 74.9#





#33

1,2-Dichloroethane-d4

Concen: 48.954 ug/l

RT: 8.589 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN077040.D

Acq: 17 Mar 2023 18:10

Instrument :

MSVOA_N

ClientSampleId :

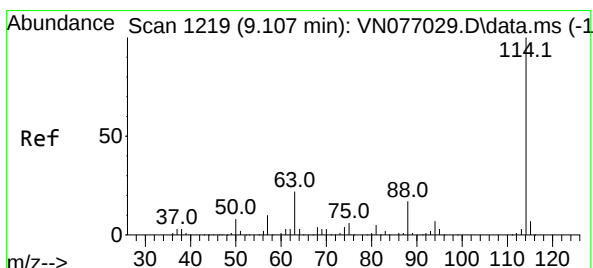
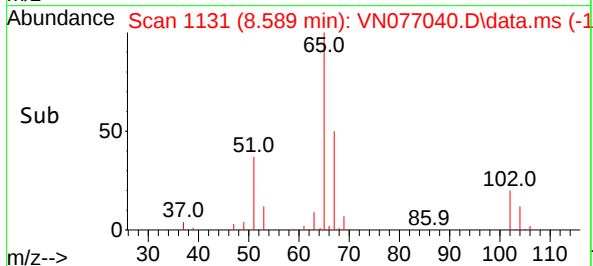
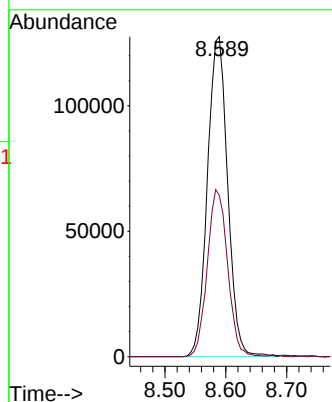
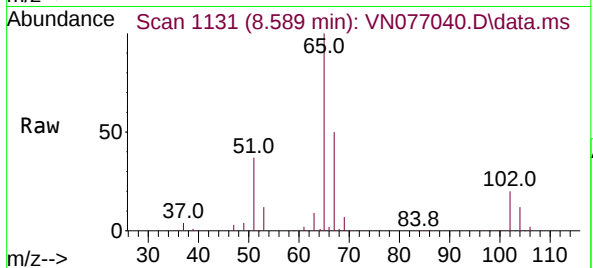
TT180D2-20230313

Tgt Ion: 65 Resp: 294372

Ion Ratio Lower Upper

65 100

67 52.4 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: VN077040.D

Acq: 17 Mar 2023 18:10

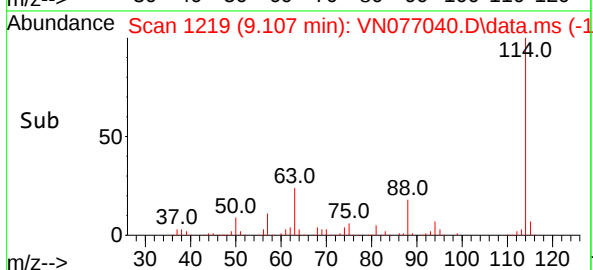
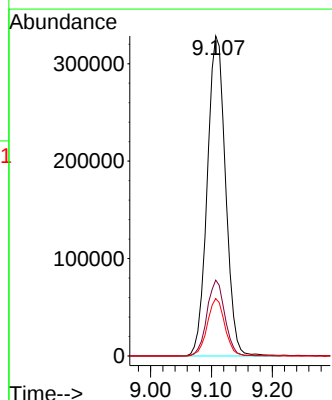
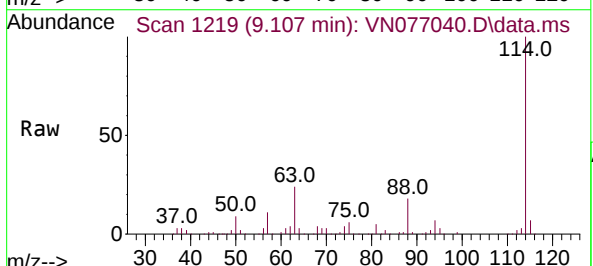
Tgt Ion: 114 Resp: 685400

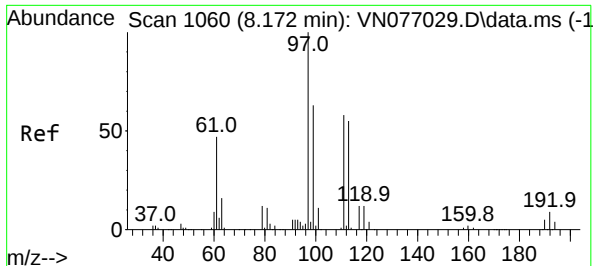
Ion Ratio Lower Upper

114 100

63 23.7 0.0 44.6

88 17.9 0.0 33.8





#35

Dibromofluoromethane

Concen: 46.279 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077040.D

Acq: 17 Mar 2023 18:10

Instrument :

MSVOA_N

ClientSampleId :

TT180D2-20230313

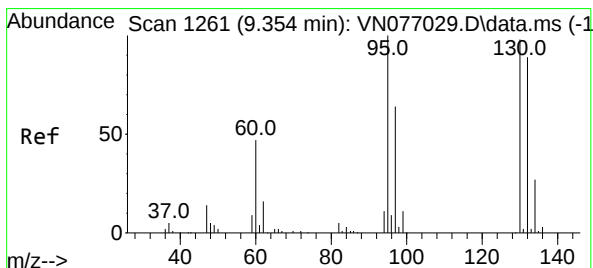
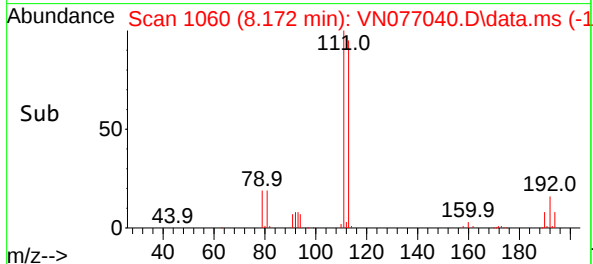
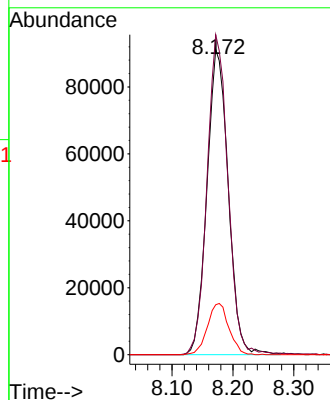
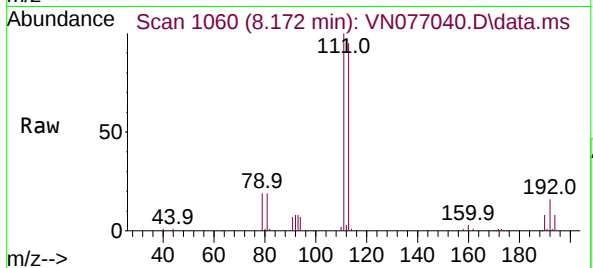
Tgt Ion:113 Resp: 222137

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

192 16.8 13.0 19.6



#44

Trichloroethene

Concen: 18.860 ug/l

RT: 9.360 min Scan# 1262

Delta R.T. 0.006 min

Lab File: VN077040.D

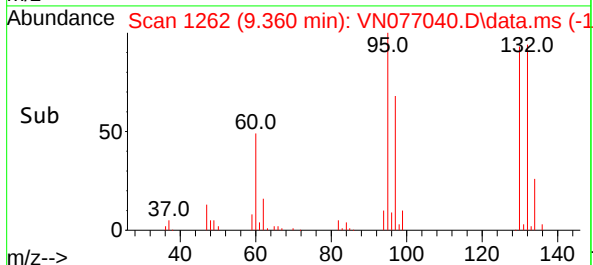
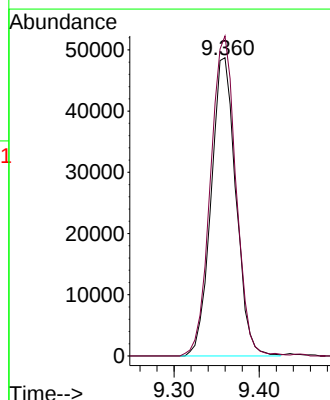
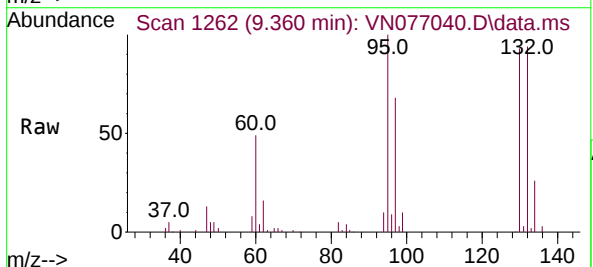
Acq: 17 Mar 2023 18:10

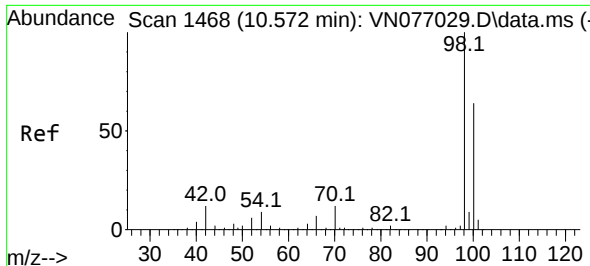
Tgt Ion:130 Resp: 98497

Ion Ratio Lower Upper

130 100

95 107.3 0.0 204.4

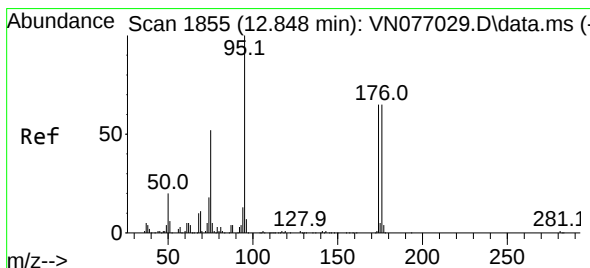
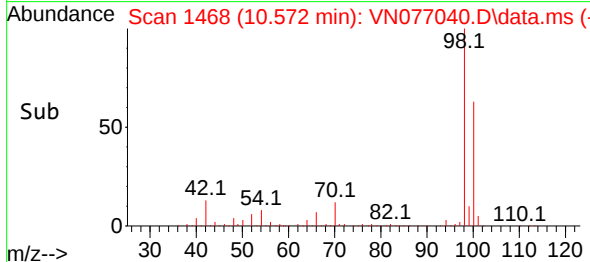
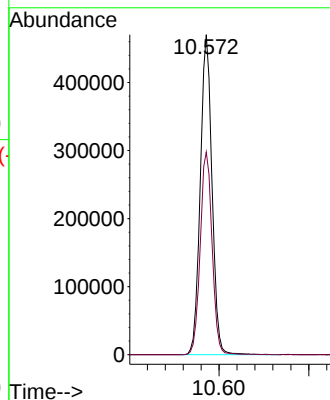
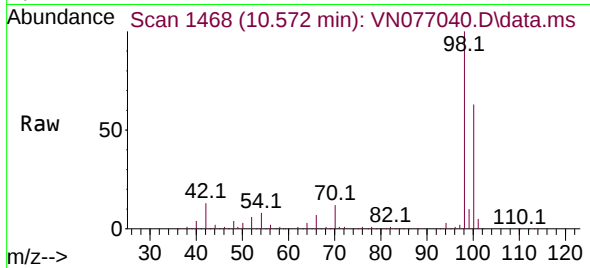




#50
Toluene-d8
Concen: 49.498 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077040.D
Acq: 17 Mar 2023 18:10

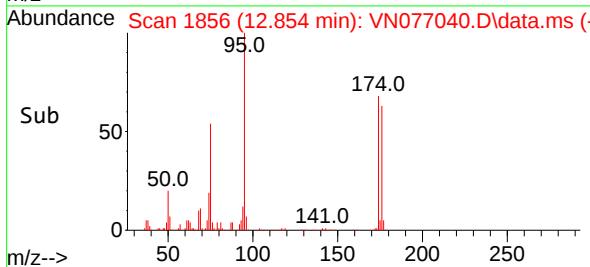
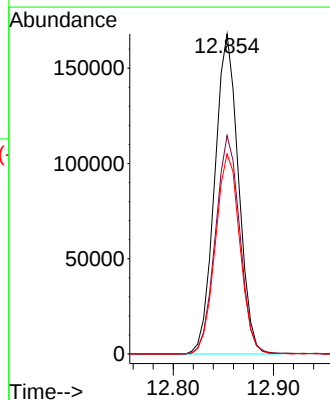
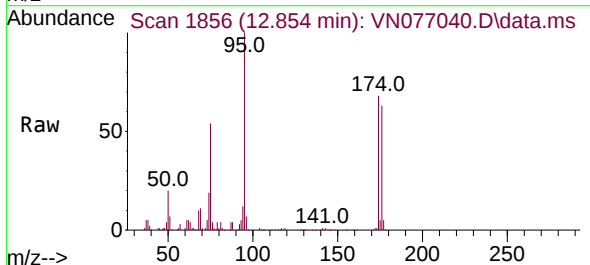
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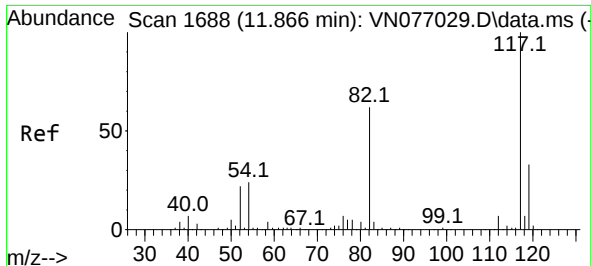
Tgt Ion: 98 Resp: 848691
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 45.681 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077040.D
Acq: 17 Mar 2023 18:10

Tgt Ion: 95 Resp: 276769
Ion Ratio Lower Upper
95 100
174 69.7 0.0 136.6
176 64.5 0.0 130.0

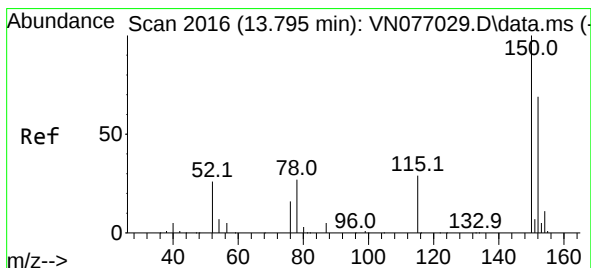
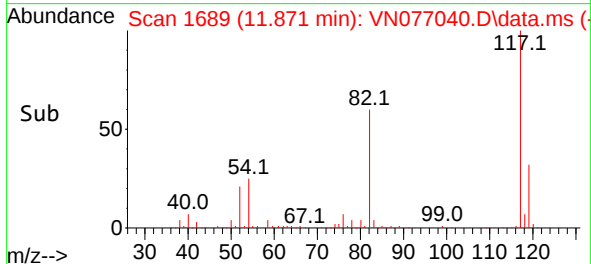
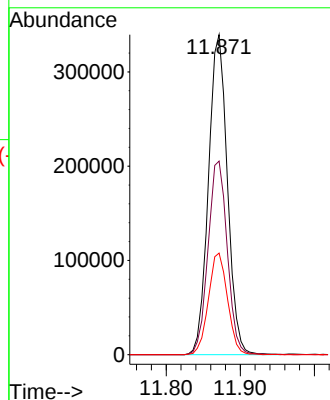
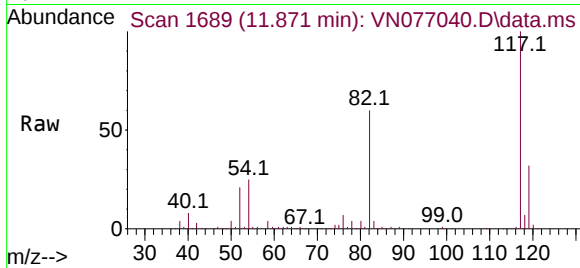




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077040.D
Acq: 17 Mar 2023 18:10

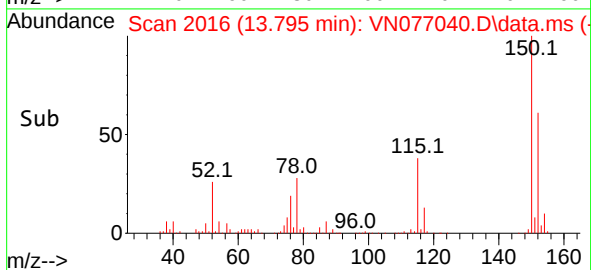
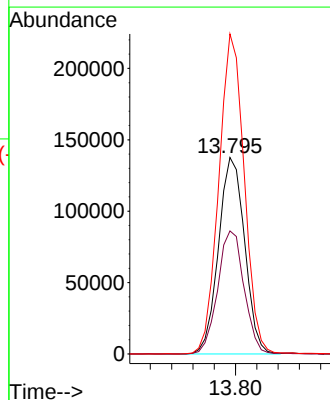
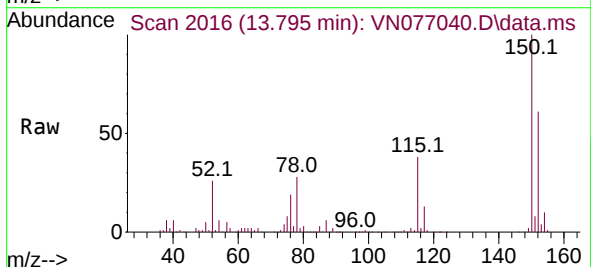
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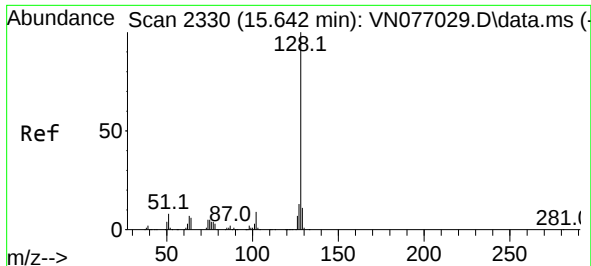
Tgt Ion:117 Resp: 603205
Ion Ratio Lower Upper
117 100
82 60.5 49.4 74.0
119 31.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077040.D
Acq: 17 Mar 2023 18:10

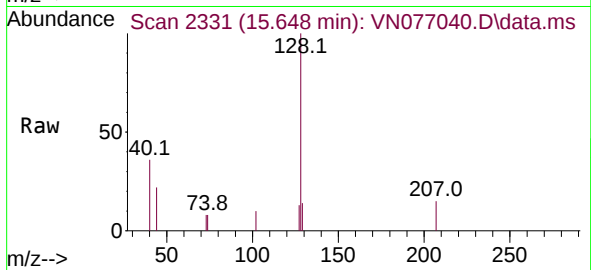
Tgt Ion:152 Resp: 234487
Ion Ratio Lower Upper
152 100
115 63.1 31.9 95.7
150 158.5 0.0 348.0





#95
Naphthalene
Concen: 2.114 ug/l
RT: 15.648 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077040.D
Acq: 17 Mar 2023 18:10

Instrument :
MSVOA_N
ClientSampleId :
TT180D2-20230313



Tgt Ion:128 Resp: 3271
Ion Ratio Lower Upper
128 100
127 8.0 10.0 15.0#
129 6.6 8.6 13.0#

