

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077039.D
 Acq On : 17 Mar 2023 17:45
 Operator : JC\MD
 Sample : 01941-03 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT180D-20230313

Quant Time: Mar 18 02:32:21 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)

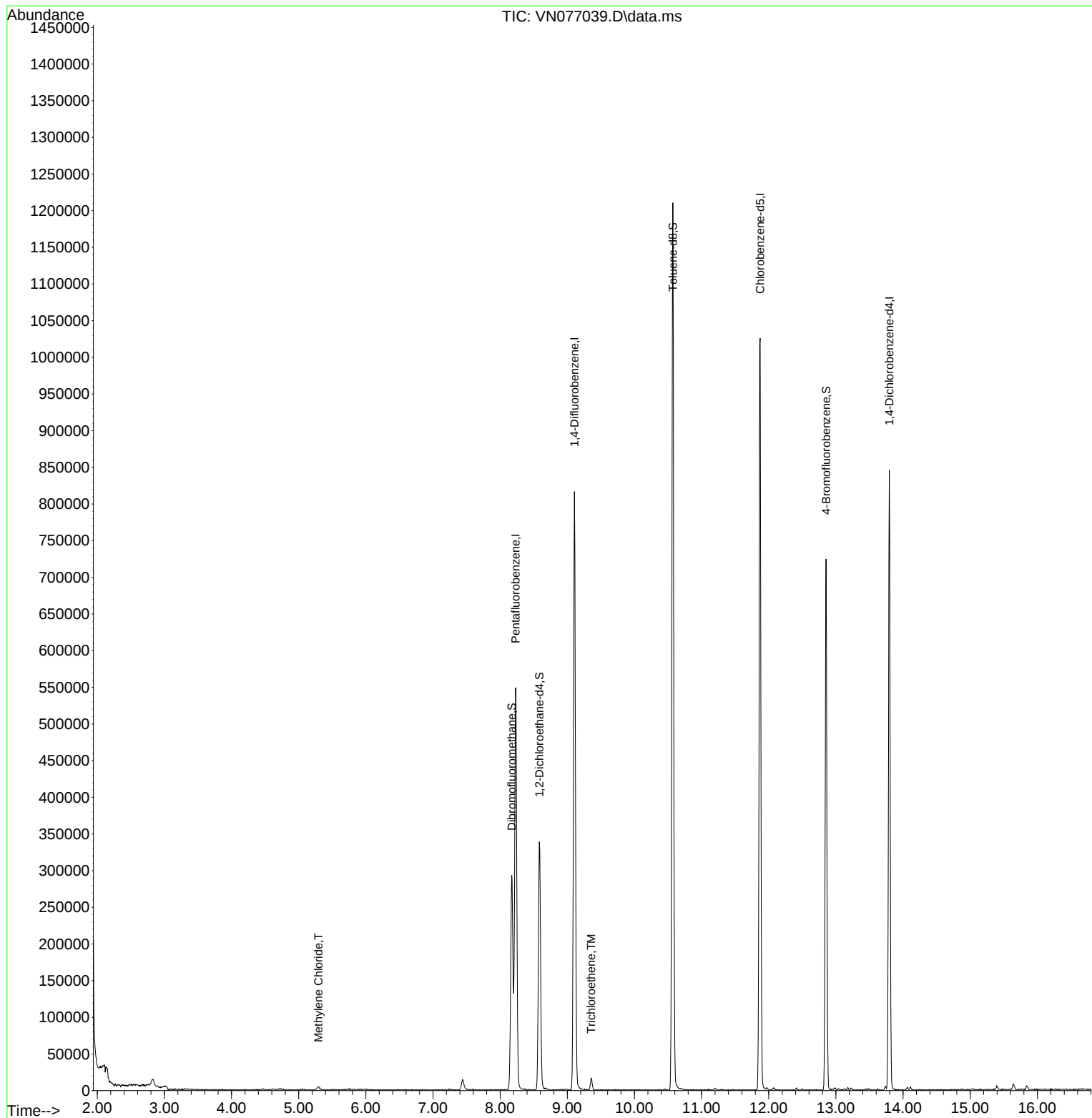
Internal Standards						
1) Pentafluorobenzene	8.230	168	374588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	677454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	584947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	220507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	282359	47.191	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.380%
35) Dibromofluoromethane	8.172	113	216192	45.569	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.140%
50) Toluene-d8	10.571	98	826200	48.751	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.500%
62) 4-Bromofluorobenzene	12.854	95	262367	43.811	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.620%
Target Compounds						
					Qvalue	
20) Methylene Chloride	5.295	84	3357	0.580	ug/l #	87
44) Trichloroethene	9.354	130	5666	1.098	ug/l	99

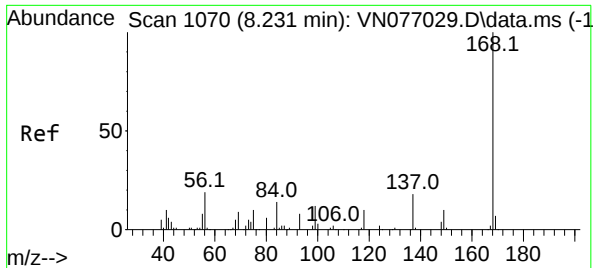
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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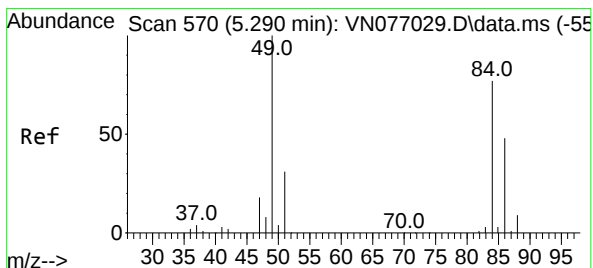
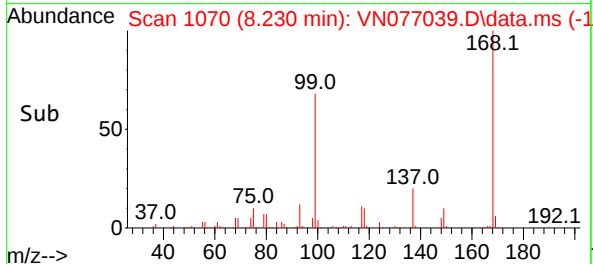
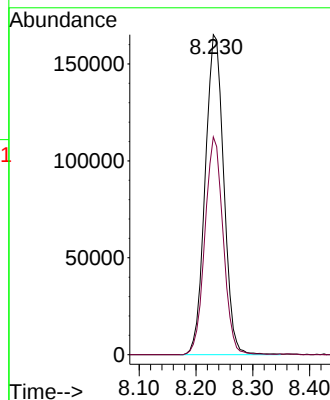
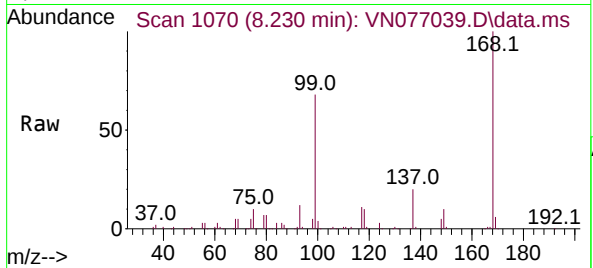




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN077039.D
Acq: 17 Mar 2023 17:45

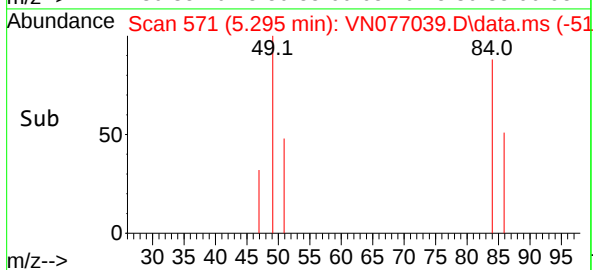
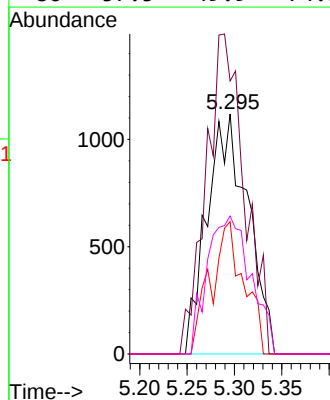
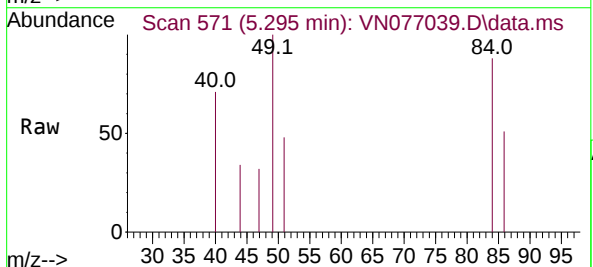
Instrument :
MSVOA_N
ClientSampleId :
TT180D-20230313

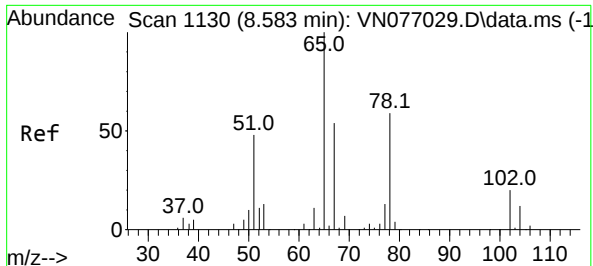
Tgt Ion:168 Resp: 374588
Ion Ratio Lower Upper
168 100
99 68.0 53.9 80.9



#20
Methylene Chloride
Concen: 0.580 ug/l
RT: 5.295 min Scan# 571
Delta R.T. 0.006 min
Lab File: VN077039.D
Acq: 17 Mar 2023 17:45

Tgt Ion: 84 Resp: 3357
Ion Ratio Lower Upper
84 100
49 113.8 103.8 155.6
51 55.1 32.3 48.5#
86 57.5 49.9 74.9





#33

1,2-Dichloroethane-d4

Concen: 47.191 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077039.D

Acq: 17 Mar 2023 17:45

Instrument :

MSVOA_N

ClientSampleId :

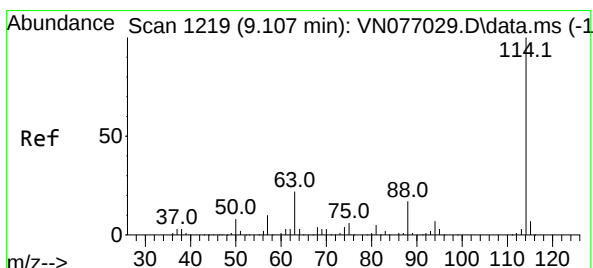
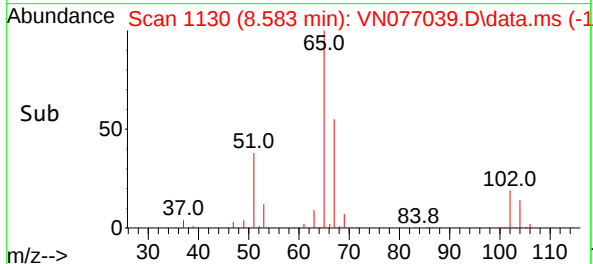
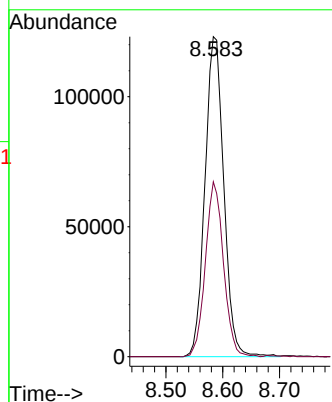
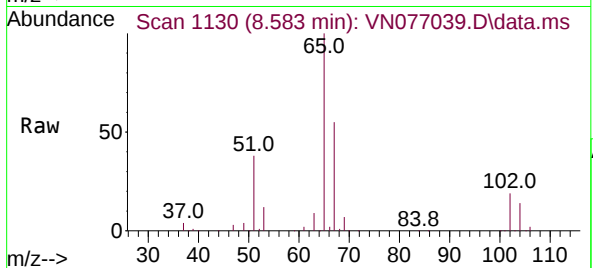
TT180D-20230313

Tgt Ion: 65 Resp: 282359

Ion Ratio Lower Upper

65 100

67 52.6 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: VN077039.D

Acq: 17 Mar 2023 17:45

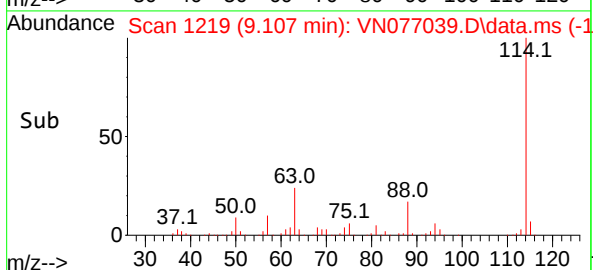
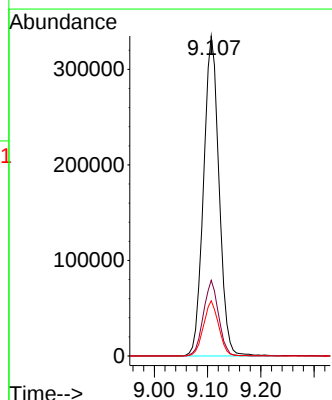
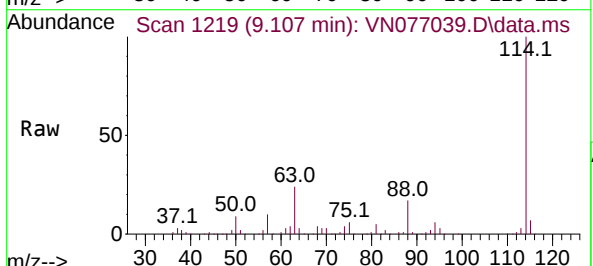
Tgt Ion: 114 Resp: 677454

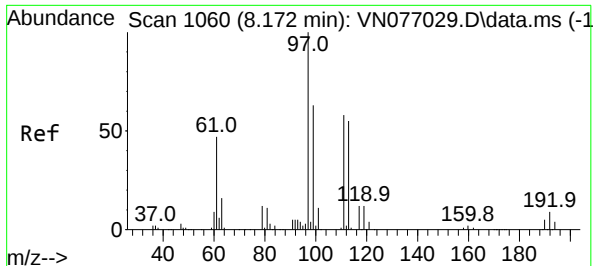
Ion Ratio Lower Upper

114 100

63 23.7 0.0 44.6

88 17.2 0.0 33.8





#35

Dibromofluoromethane

Concen: 45.569 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077039.D

Acq: 17 Mar 2023 17:45

Instrument :

MSVOA_N

ClientSampleId :

TT180D-20230313

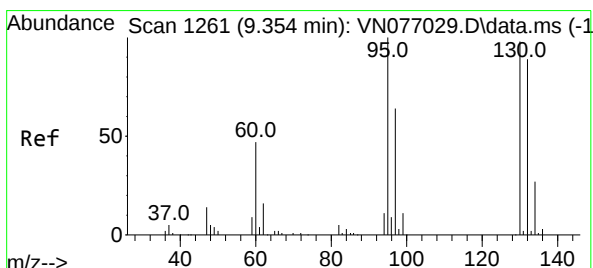
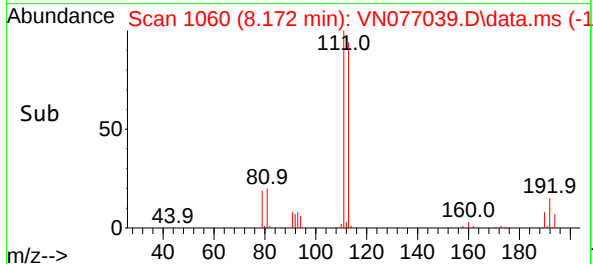
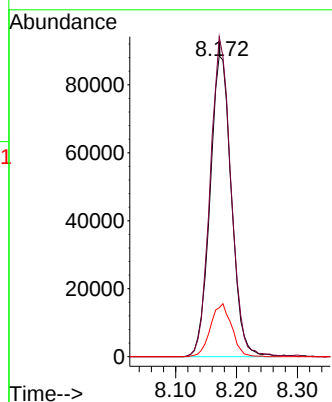
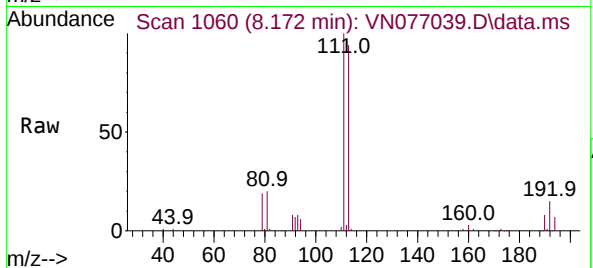
Tgt Ion:113 Resp: 216192

Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.2

192 17.4 13.0 19.6



#44

Trichloroethene

Concen: 1.098 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VN077039.D

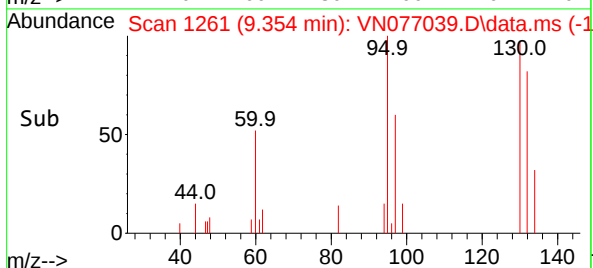
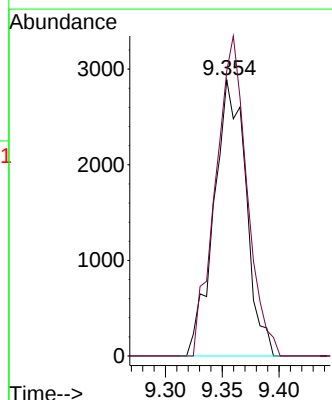
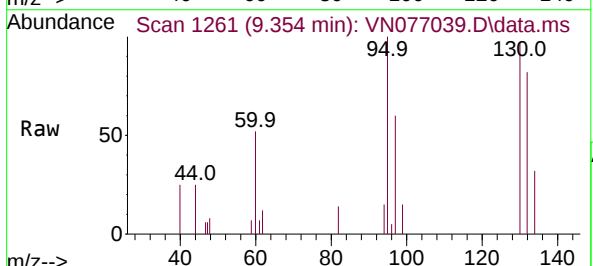
Acq: 17 Mar 2023 17:45

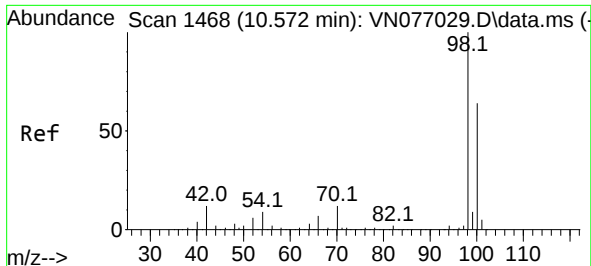
Tgt Ion:130 Resp: 5666

Ion Ratio Lower Upper

130 100

95 103.3 0.0 204.4

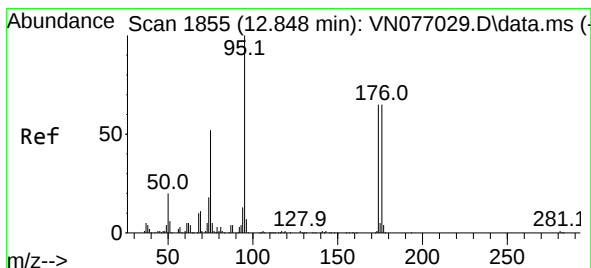
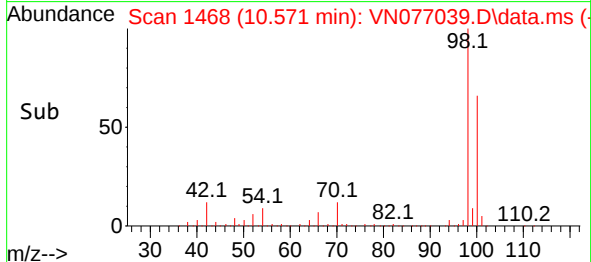
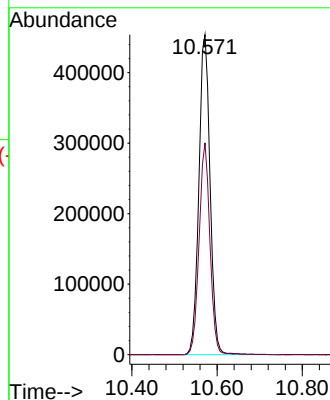
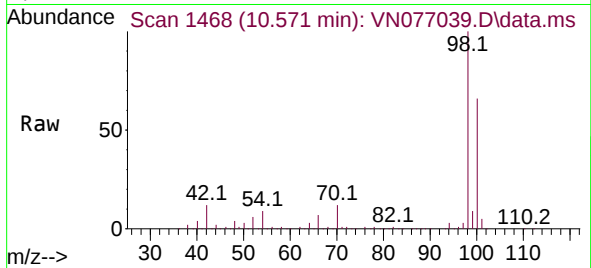




#50
Toluene-d8
Concen: 48.751 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077039.D
Acq: 17 Mar 2023 17:45

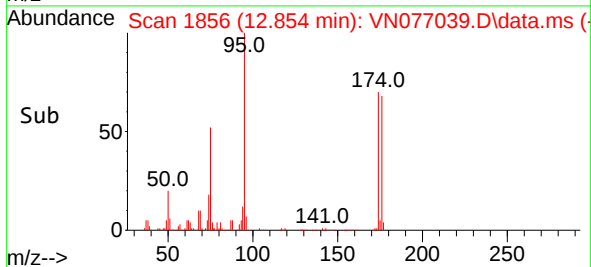
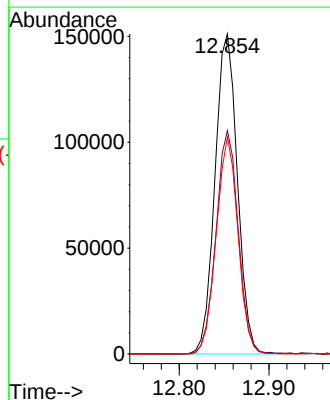
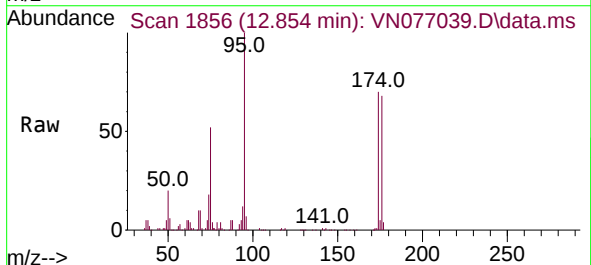
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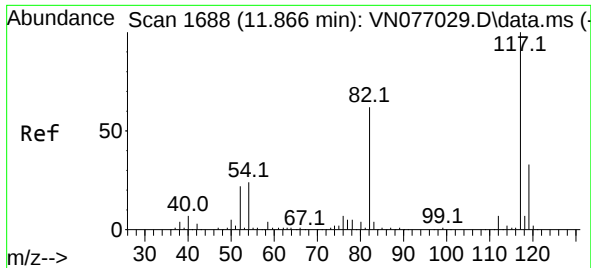
Tgt Ion: 98 Resp: 826200
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 43.811 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077039.D
Acq: 17 Mar 2023 17:45

Tgt Ion: 95 Resp: 262367
Ion Ratio Lower Upper
95 100
174 69.3 0.0 136.6
176 65.8 0.0 130.0

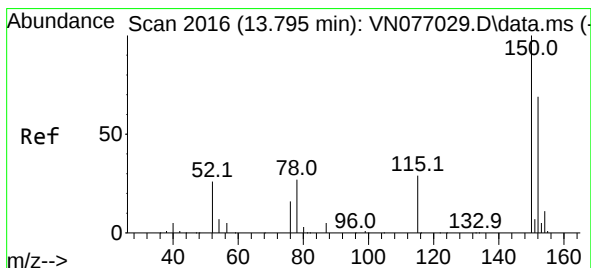
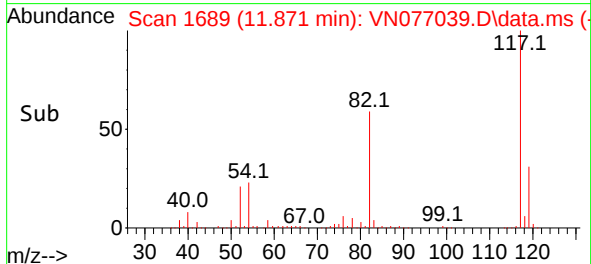
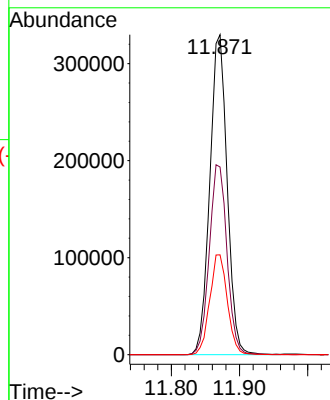
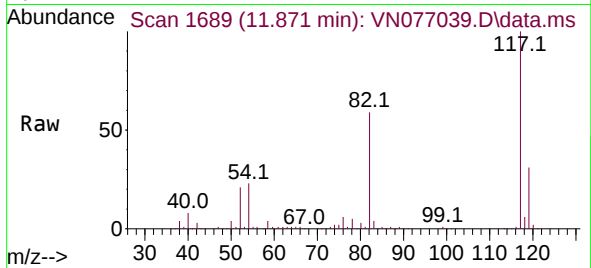




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077039.D
Acq: 17 Mar 2023 17:45

Instrument :
MSVOA_N
ClientSampleId :
TT180D-20230313

Tgt Ion:117 Resp: 584947
Ion Ratio Lower Upper
117 100
82 58.7 49.4 74.0
119 31.2 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: VN077039.D
Acq: 17 Mar 2023 17:45

Tgt Ion:152 Resp: 220507
Ion Ratio Lower Upper
152 100
115 64.1 31.9 95.7
150 156.4 0.0 348.0

