

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012623\
 Data File : VN076422.D
 Acq On : 26 Jan 2023 16:01
 Operator : JC\MD
 Sample : 01283-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-H

Quant Time: Jan 27 00:37:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

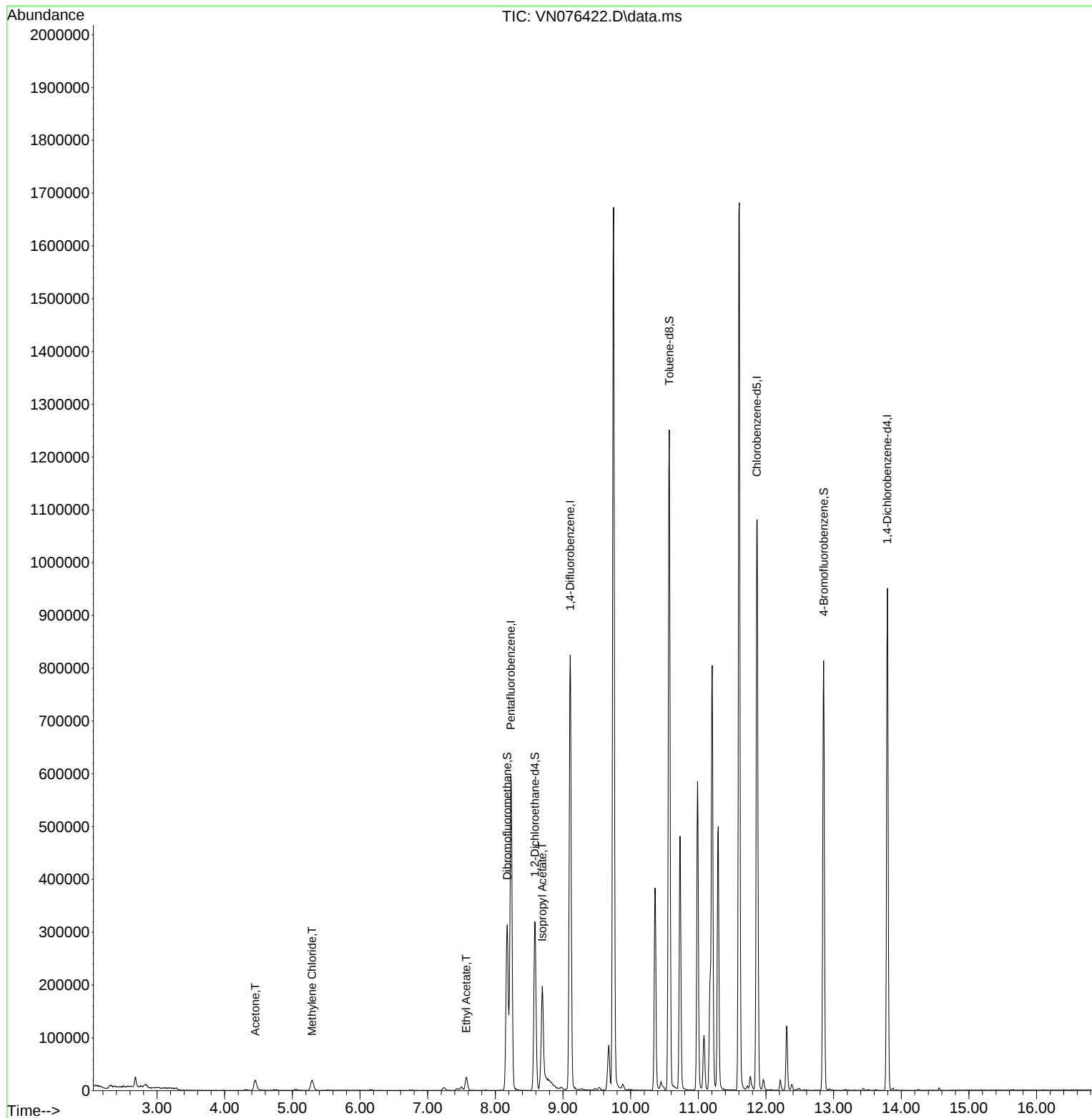
Internal Standards						
1) Pentafluorobenzene	8.230	168	442443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	746370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	653884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	258176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	266597	53.815	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.620%
35) Dibromofluoromethane	8.177	113	224613	48.109	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.220%
50) Toluene-d8	10.571	98	875725	50.788	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.580%
62) 4-Bromofluorobenzene	12.853	95	272020	48.325	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.660%
Target Compounds						
						Qvalue
16) Acetone	4.453	43	39177	24.603	ug/l	98
20) Methylene Chloride	5.289	84	15771	2.787	ug/l	91
37) Ethyl Acetate	7.571	43	36143	6.824	ug/l	98
43) Isopropyl Acetate	8.694	43	270582	31.257	ug/l #	77

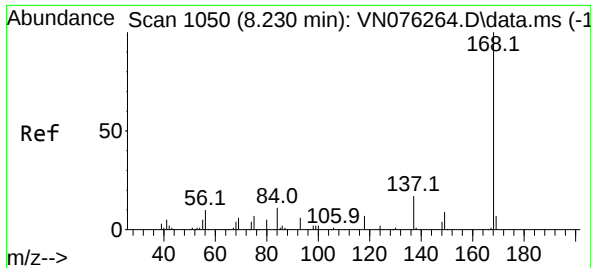
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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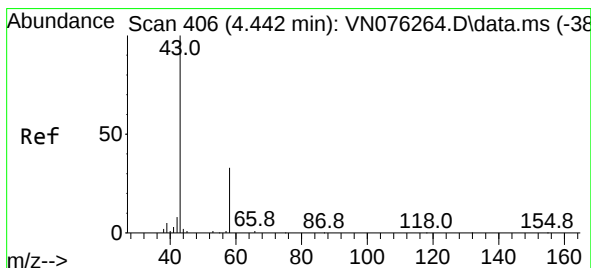
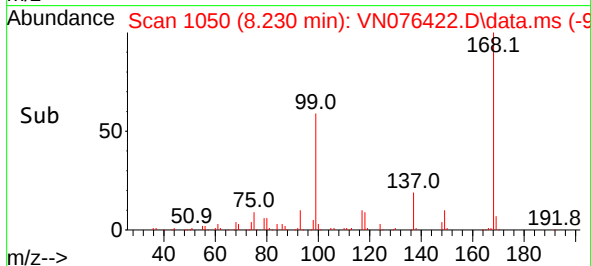
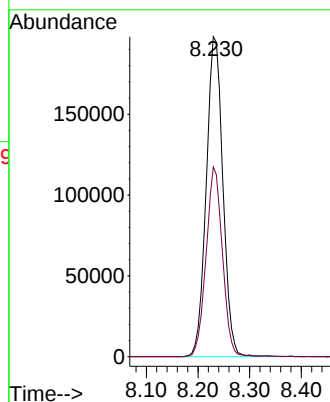
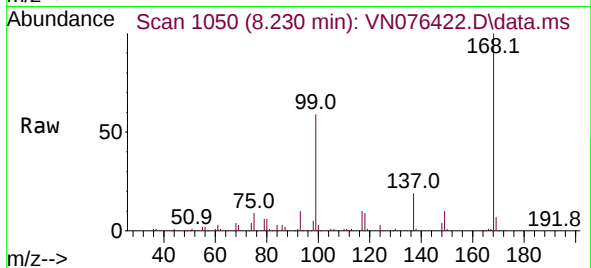




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076422.D
Acq: 26 Jan 2023 16:01

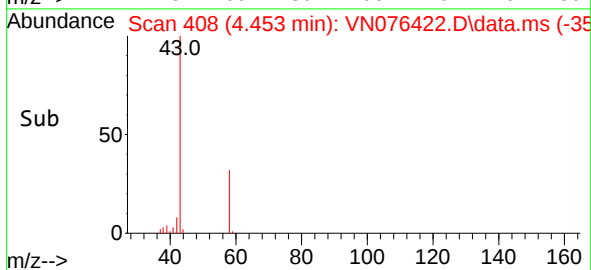
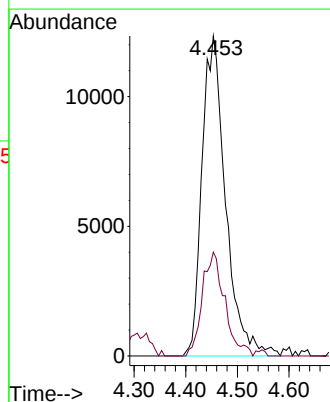
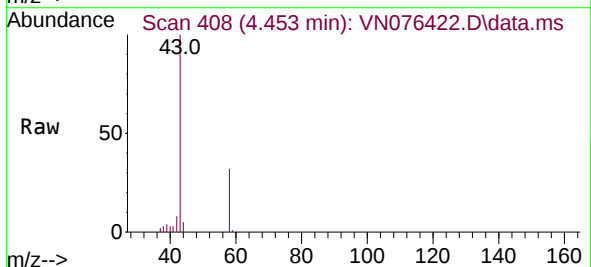
Instrument :
MSVOA_N
ClientSampleId :
TP-H

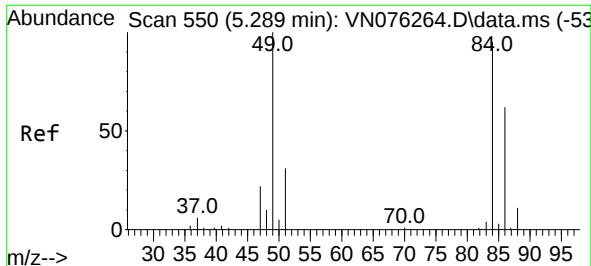
Tgt Ion:168 Resp: 442443
Ion Ratio Lower Upper
168 100
99 59.3 41.6 62.4



#16
Acetone
Concen: 24.603 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.011 min
Lab File: VN076422.D
Acq: 26 Jan 2023 16:01

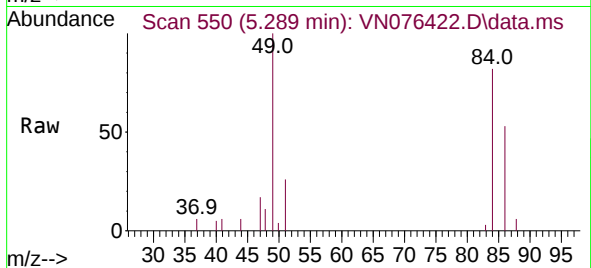
Tgt Ion: 43 Resp: 39177
Ion Ratio Lower Upper
43 100
58 32.4 26.7 40.1



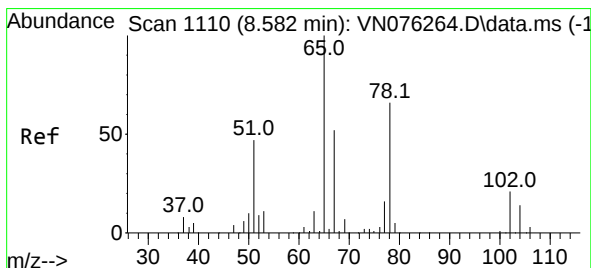
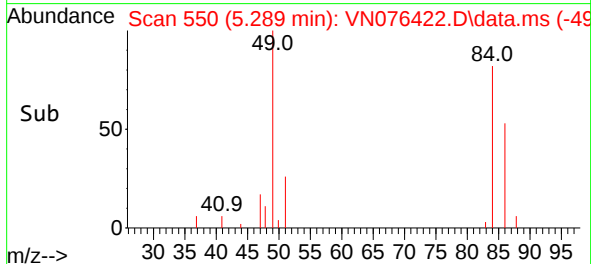
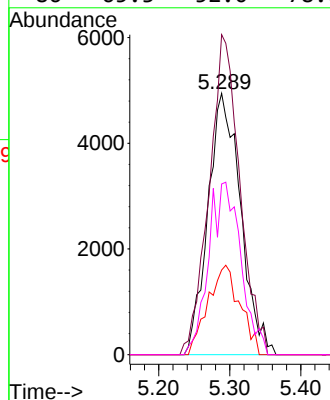


#20
Methylene Chloride
Concen: 2.787 ug/l
RT: 5.289 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN076422.D
Acq: 26 Jan 2023 16:01

Instrument :
MSVOA_N
ClientSampleId :
TP-H

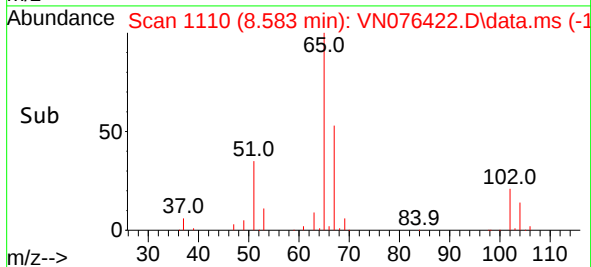
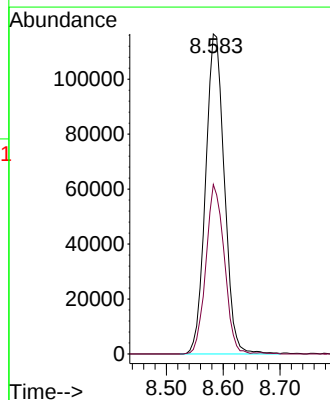
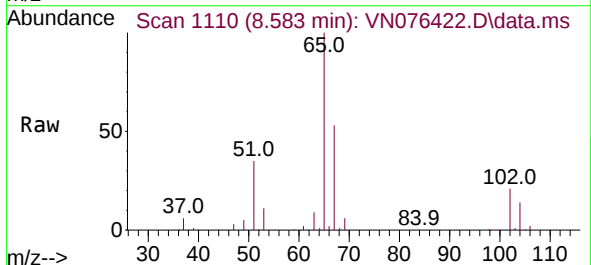


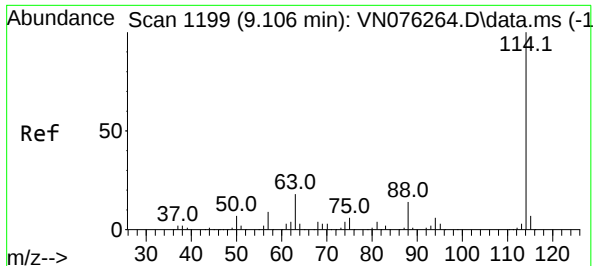
Tgt Ion:	84	Resp:	15771
Ion	Ratio	Lower	Upper
84	100		
49	122.5	84.5	126.7
51	32.4	26.0	39.0
86	65.3	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 53.815 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.001 min
Lab File: VN076422.D
Acq: 26 Jan 2023 16:01

Tgt Ion:	65	Resp:	266597
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076422.D

Acq: 26 Jan 2023 16:01

Instrument :

MSVOA_N

ClientSampleId :

TP-H

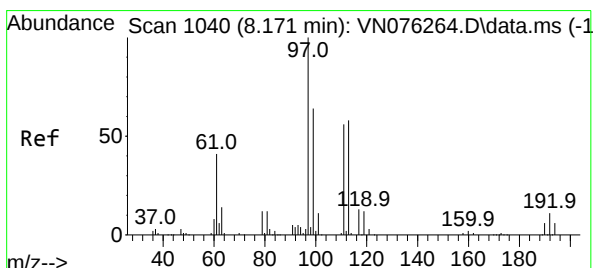
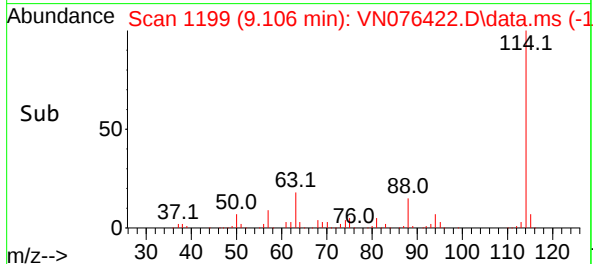
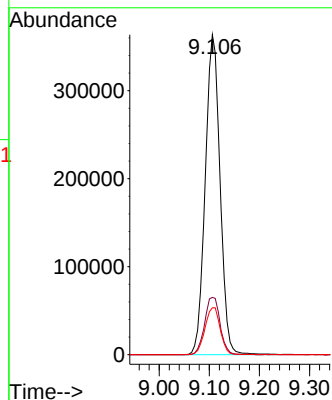
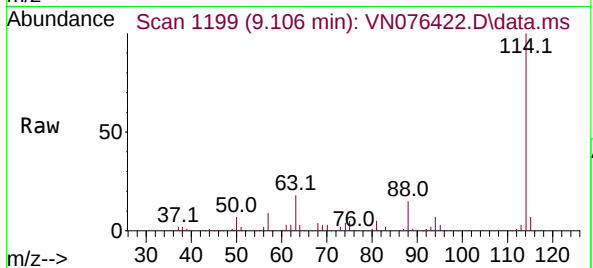
Tgt Ion:114 Resp: 746370

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.8

88 14.6 0.0 28.0



#35

Dibromofluoromethane

Concen: 48.109 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076422.D

Acq: 26 Jan 2023 16:01

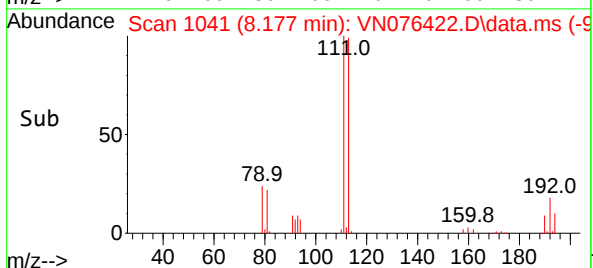
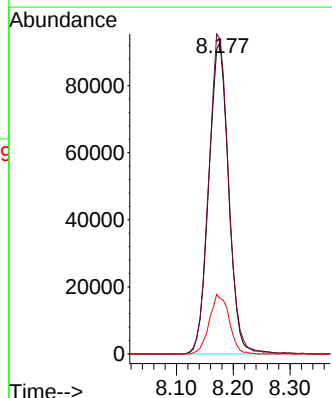
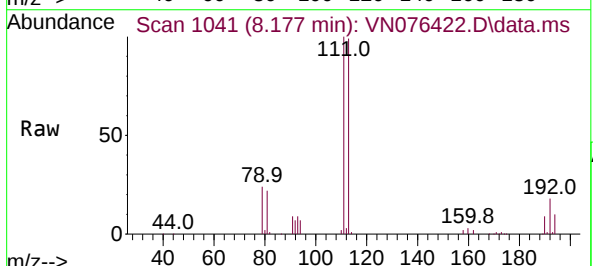
Tgt Ion:113 Resp: 224613

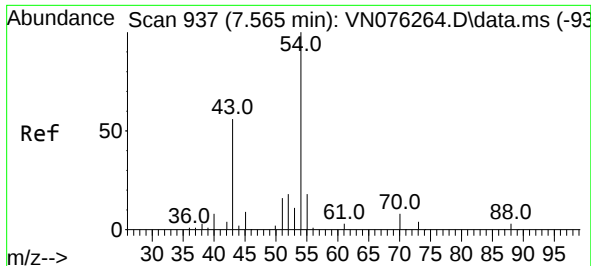
Ion Ratio Lower Upper

113 100

111 103.1 82.7 124.1

192 19.0 15.6 23.4





#37

Ethyl Acetate

Concen: 6.824 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076422.D

Acq: 26 Jan 2023 16:01

Instrument :

MSVOA_N

ClientSampleId :

TP-H

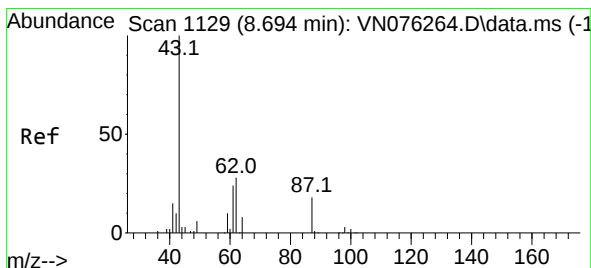
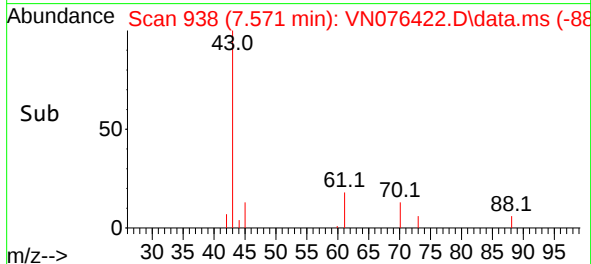
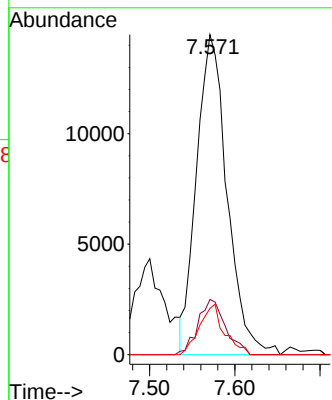
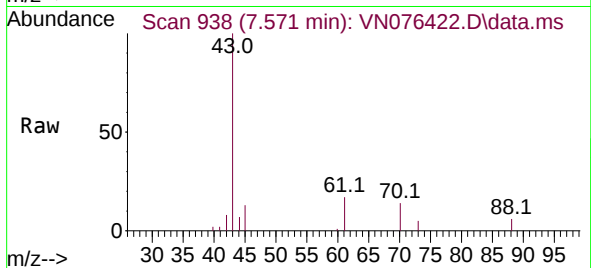
Tgt Ion: 43 Resp: 36143

Ion Ratio Lower Upper

43 100

61 15.6 11.1 16.7

70 12.7 10.0 15.0



#43

Isopropyl Acetate

Concen: 31.257 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN076422.D

Acq: 26 Jan 2023 16:01

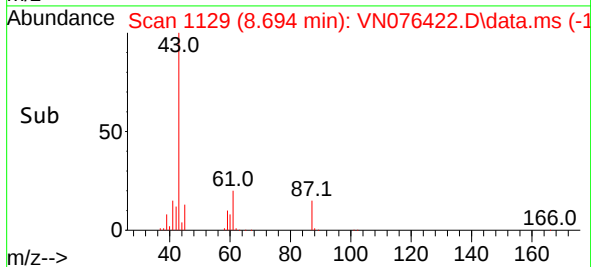
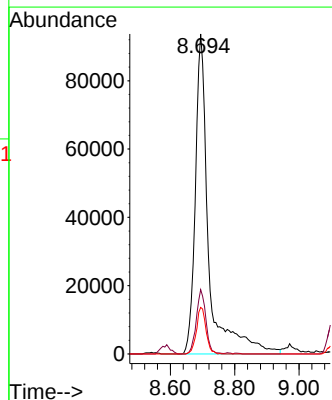
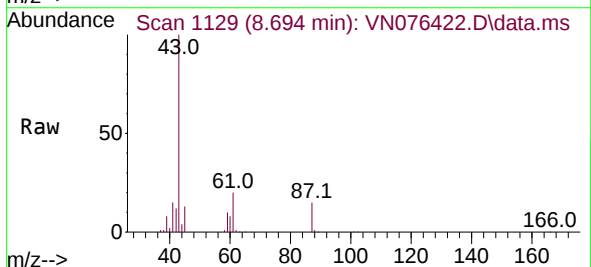
Tgt Ion: 43 Resp: 270582

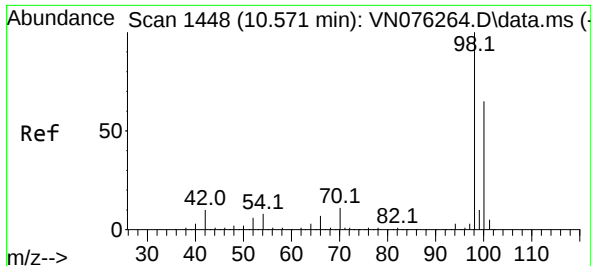
Ion Ratio Lower Upper

43 100

61 14.3 23.5 35.3#

87 10.3 13.8 20.6#

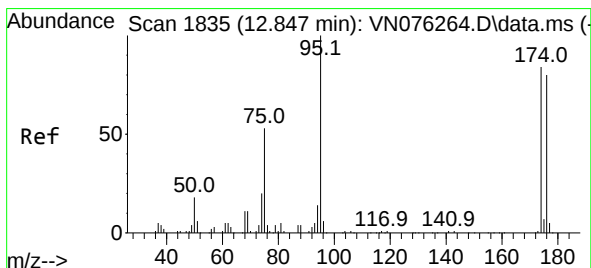
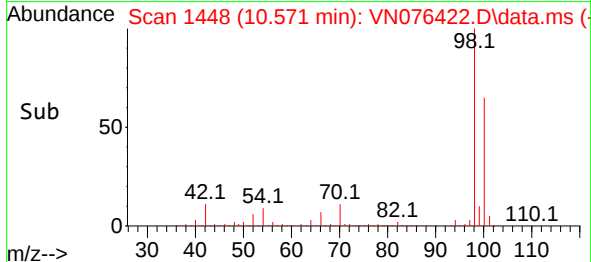
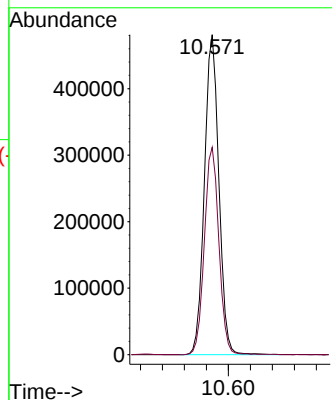
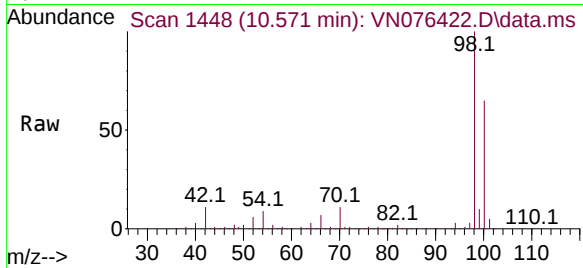




#50
Toluene-d8
Concen: 50.788 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076422.D
Acq: 26 Jan 2023 16:01

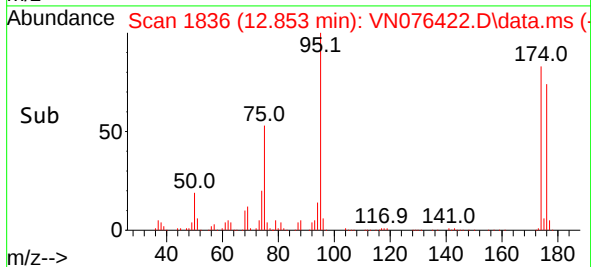
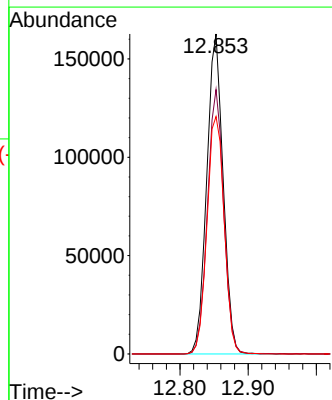
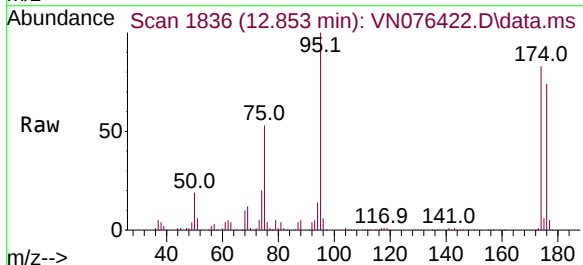
Instrument :
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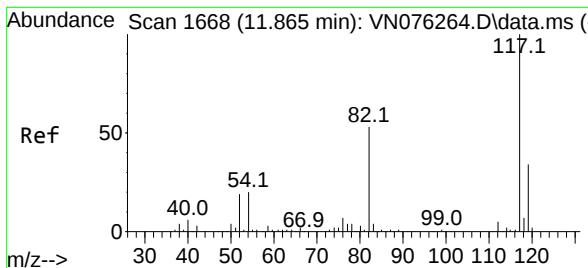
Tgt Ion: 98 Resp: 875725
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 48.325 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076422.D
Acq: 26 Jan 2023 16:01

Tgt Ion: 95 Resp: 272020
Ion Ratio Lower Upper
95 100
174 82.0 0.0 174.6
176 77.9 0.0 167.8

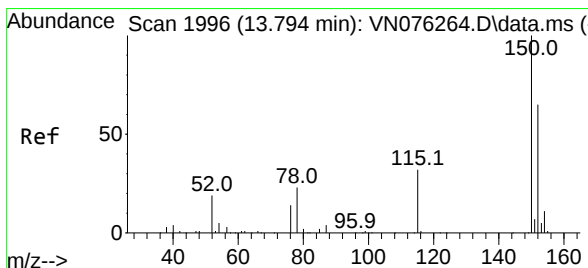
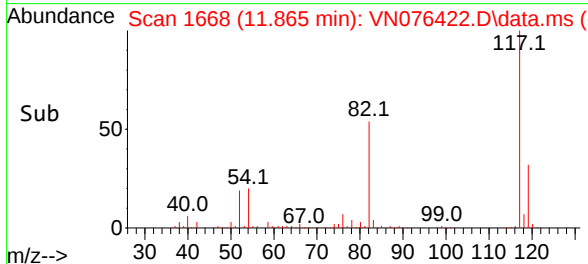
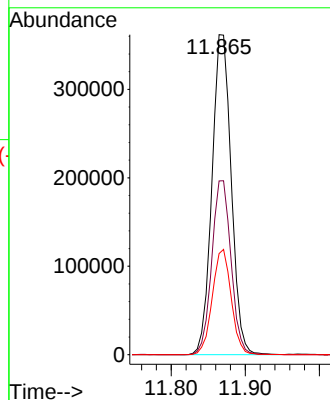
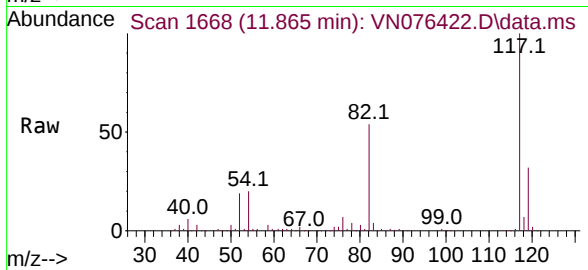




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076422.D
Acq: 26 Jan 2023 16:01

Instrument :
MSVOA_N
ClientSampleId :
TP-H

Tgt Ion:117 Resp: 653884
Ion Ratio Lower Upper
117 100
82 54.3 42.2 63.2
119 31.6 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076422.D
Acq: 26 Jan 2023 16:01

Tgt Ion:152 Resp: 258176
Ion Ratio Lower Upper
152 100
115 59.2 29.6 88.9
150 157.7 0.0 351.4

