

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110422\
 Data File : VN075170.D
 Acq On : 04 Nov 2022 13:21
 Operator : JC\MD
 Sample : N5418-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-N

Quant Time: Nov 05 06:58:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

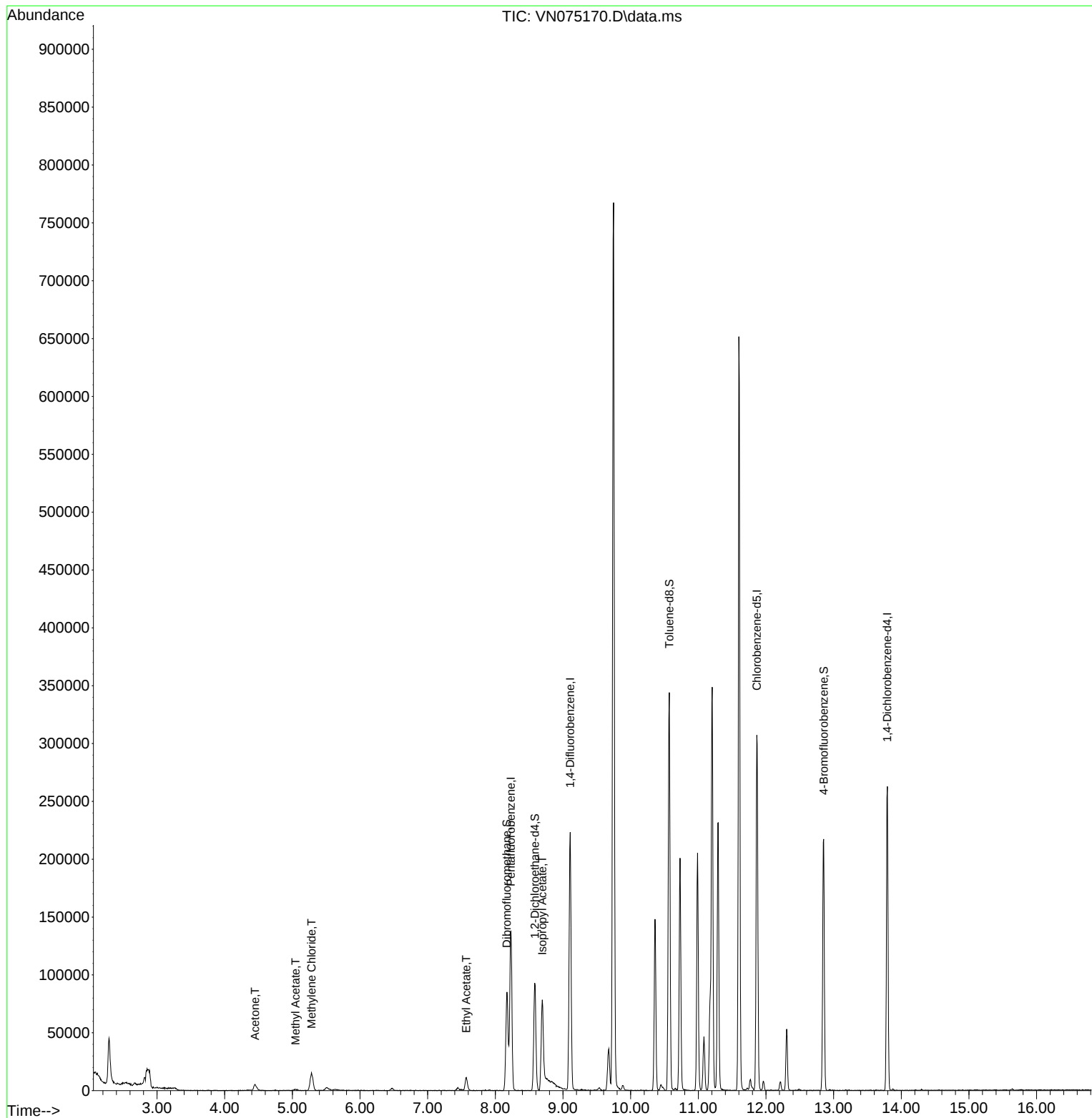
Internal Standards						
1) Pentafluorobenzene	8.230	168	98737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	192416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	181105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	69303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	78275	58.837	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.680%
35) Dibromofluoromethane	8.171	113	60493	53.554	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.100%
50) Toluene-d8	10.571	98	241630	55.136	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.280%
62) 4-Bromofluorobenzene	12.853	95	76593	49.753	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.500%
Target Compounds						
						Qvalue
16) Acetone	4.447	43	10556	18.739	ug/l	94
18) Methyl Acetate	5.047	43	2439	1.326	ug/l #	53
20) Methylene Chloride	5.283	84	11534	9.183	ug/l	94
37) Ethyl Acetate	7.571	43	16769	8.744	ug/l	99
43) Isopropyl Acetate	8.694	43	102512	34.459	ug/l #	80

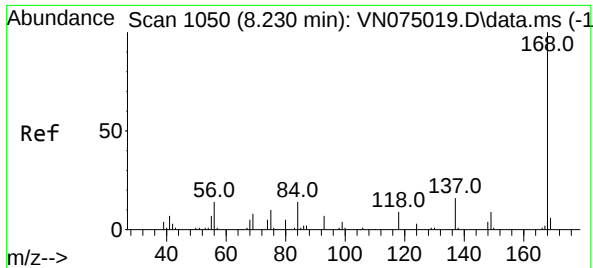
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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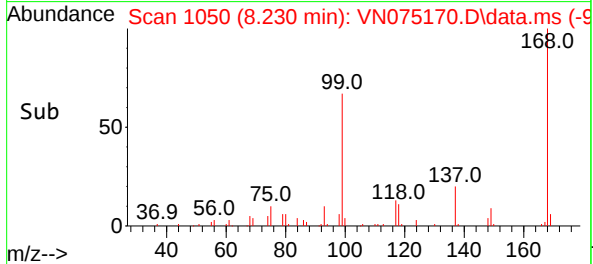
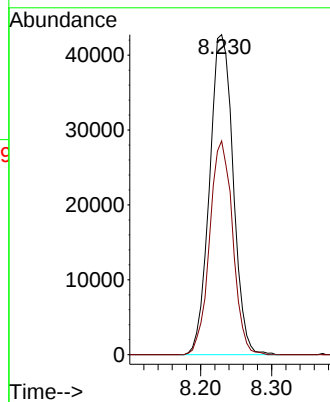
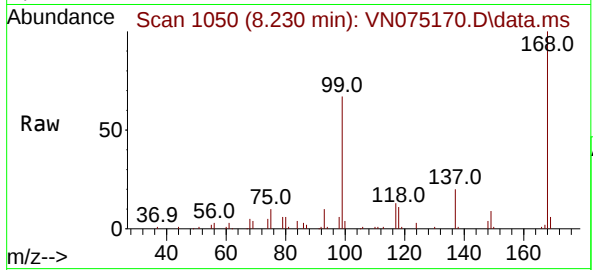




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075170.D
Acq: 04 Nov 2022 13:21

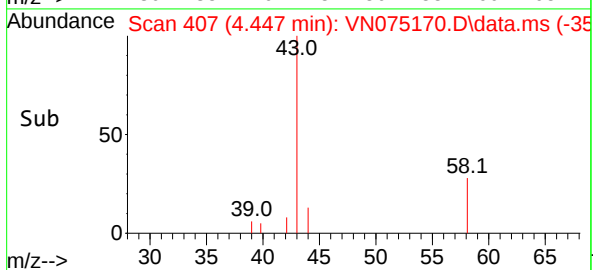
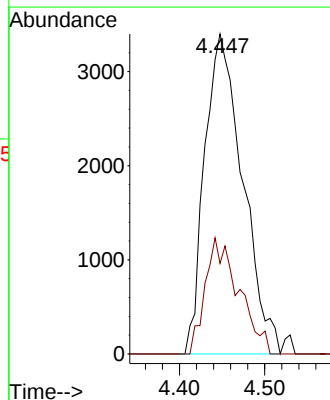
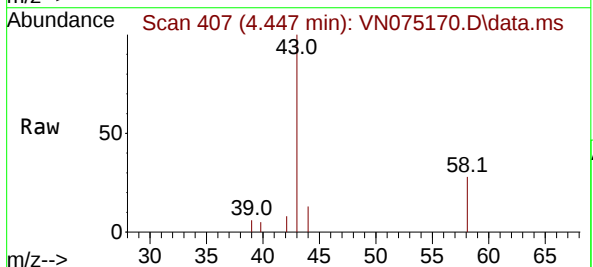
Instrument :
MSVOA_N
ClientSampleId :
TP-N

Tgt Ion:168 Resp: 98737
Ion Ratio Lower Upper
168 100
99 66.8 51.6 77.4



#16
Acetone
Concen: 18.739 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN075170.D
Acq: 04 Nov 2022 13:21

Tgt Ion: 43 Resp: 10556
Ion Ratio Lower Upper
43 100
58 28.3 25.5 38.3

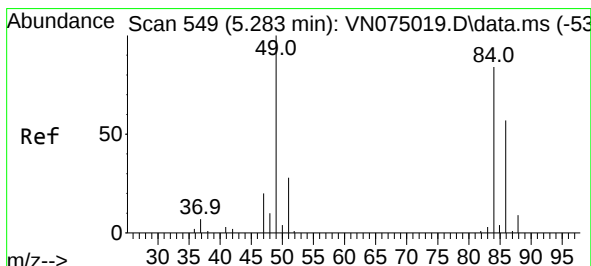
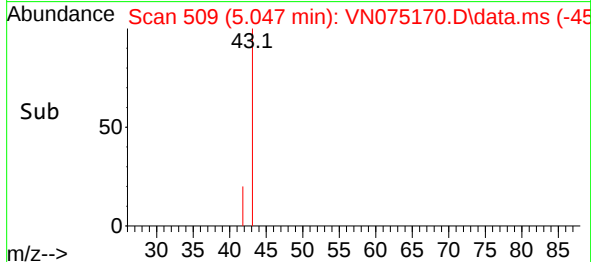
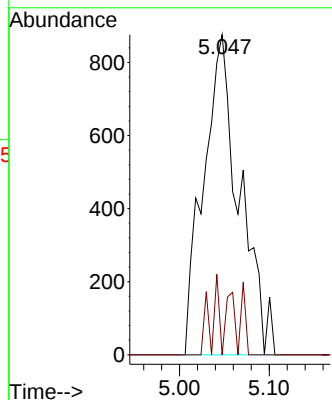
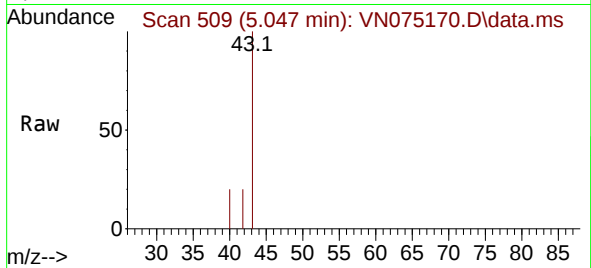




#18
Methyl Acetate
Concen: 1.326 ug/l
RT: 5.047 min Scan# 508
Delta R.T. 0.005 min
Lab File: VN075170.D
Acq: 04 Nov 2022 13:21

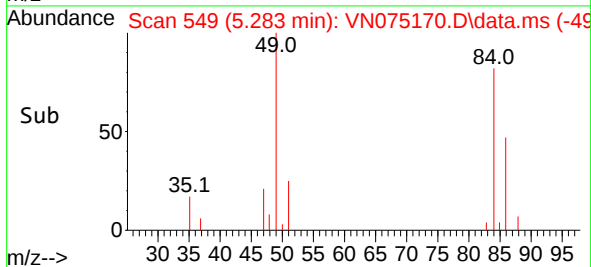
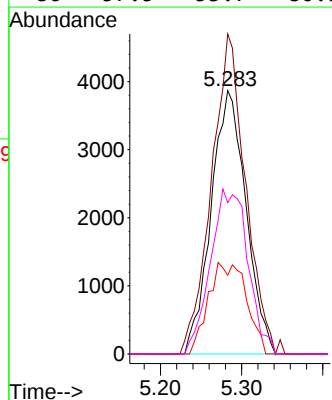
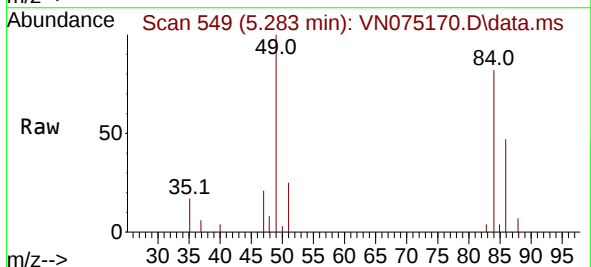
Instrument :
MSVOA_N
ClientSampleId :
TP-N

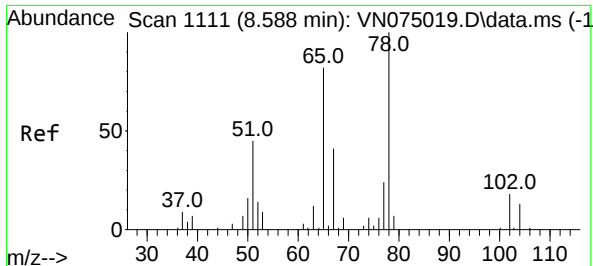
Tgt Ion: 43 Resp: 2439
Ion Ratio Lower Upper
43 100
74 3.2 22.0 33.0#



#20
Methylene Chloride
Concen: 9.183 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075170.D
Acq: 04 Nov 2022 13:21

Tgt Ion: 84 Resp: 11534
Ion Ratio Lower Upper
84 100
49 121.5 94.9 142.3
51 29.9 26.8 40.2
86 57.5 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 58.837 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN075170.D

Acq: 04 Nov 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

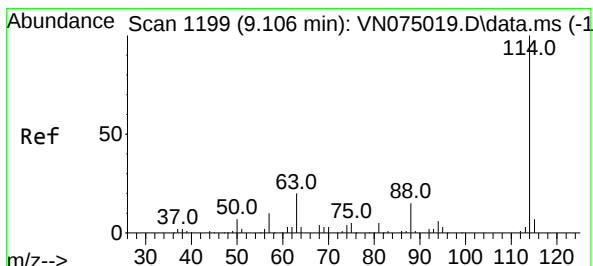
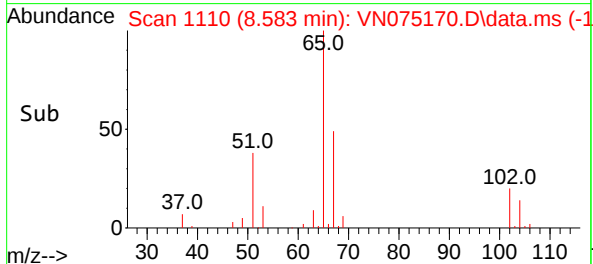
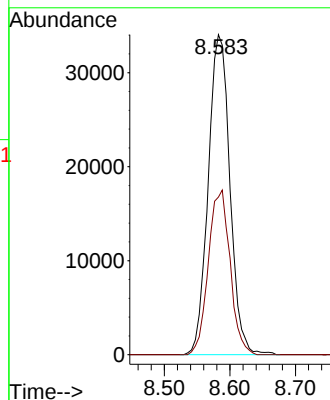
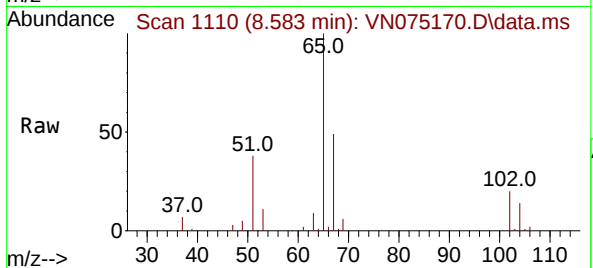
TP-N

Tgt Ion: 65 Resp: 78275

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075170.D

Acq: 04 Nov 2022 13:21

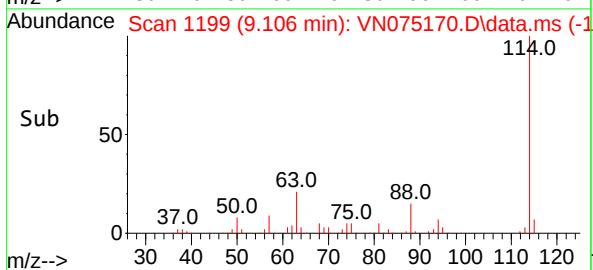
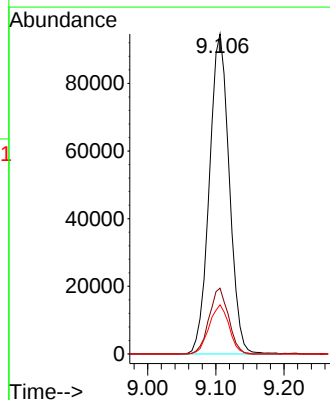
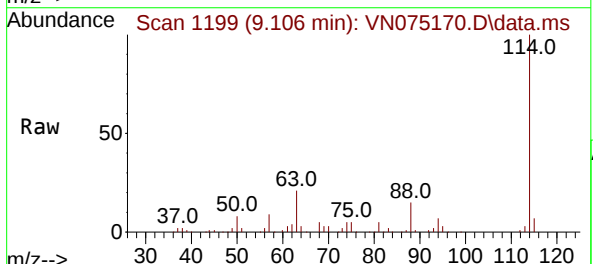
Tgt Ion: 114 Resp: 192416

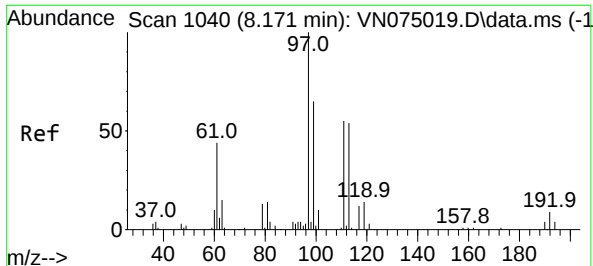
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.6

88 15.3 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.554 ug/l

RT: 8.171 min Scan# 110

Delta R.T. -0.000 min

Lab File: VN075170.D

Acq: 04 Nov 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

TP-N

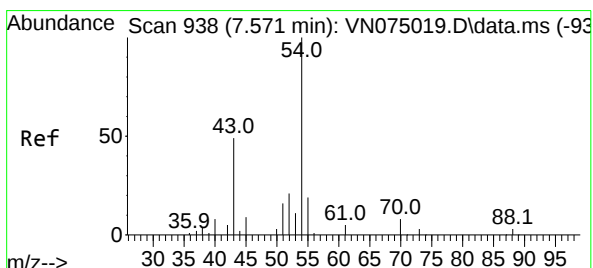
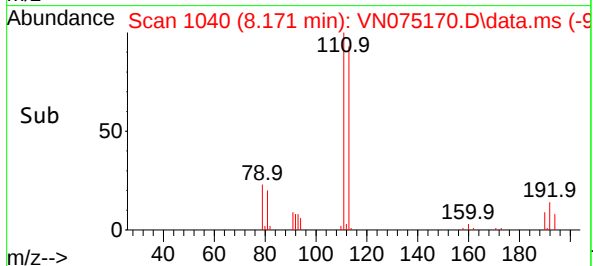
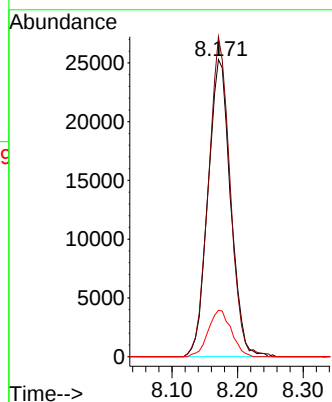
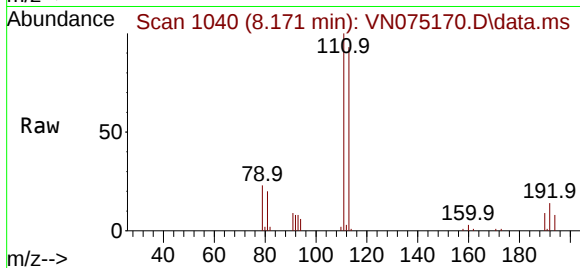
Tgt Ion:113 Resp: 60493

Ion Ratio Lower Upper

113 100

111 103.2 80.5 120.7

192 16.0 13.2 19.8



#37

Ethyl Acetate

Concen: 8.744 ug/l

RT: 7.571 min Scan# 938

Delta R.T. -0.000 min

Lab File: VN075170.D

Acq: 04 Nov 2022 13:21

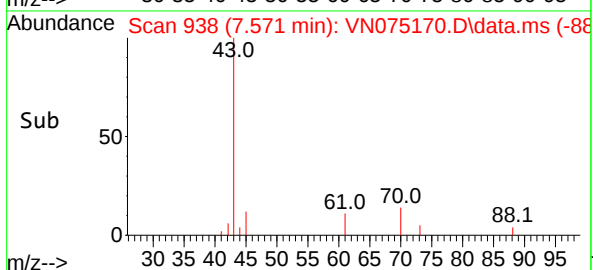
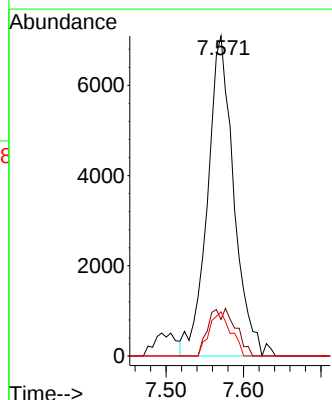
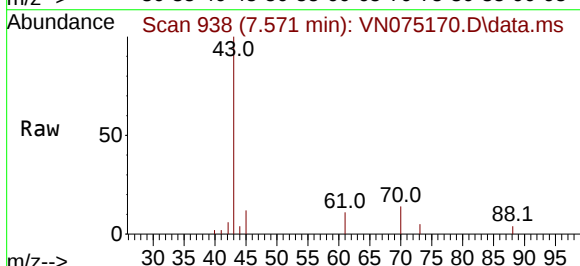
Tgt Ion: 43 Resp: 16769

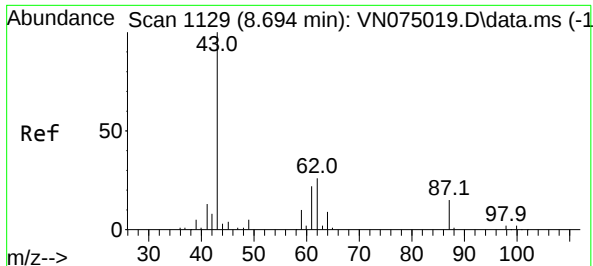
Ion Ratio Lower Upper

43 100

61 15.3 12.2 18.4

70 11.4 9.4 14.2





#43

Isopropyl Acetate

Concen: 34.459 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN075170.D

Acq: 04 Nov 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

TP-N

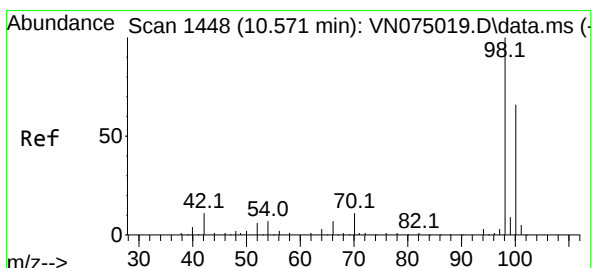
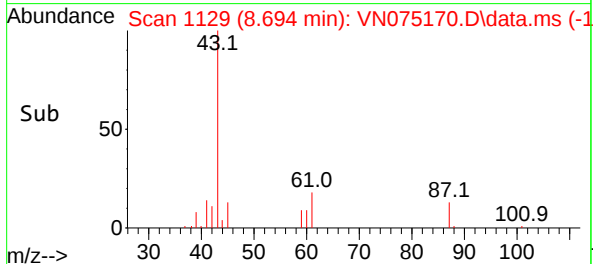
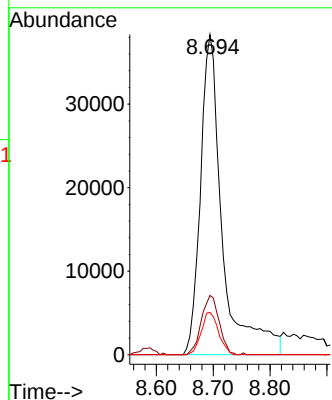
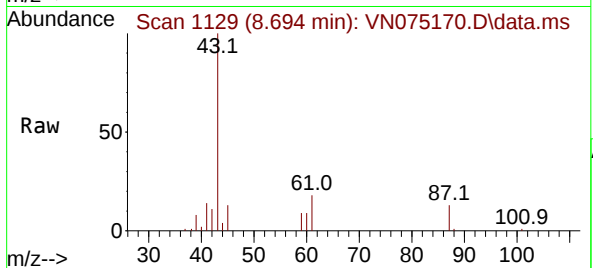
Tgt Ion: 43 Resp: 102512

Ion Ratio Lower Upper

43 100

61 15.0 22.4 33.6#

87 10.4 12.5 18.7#



#50

Toluene-d8

Concen: 55.136 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075170.D

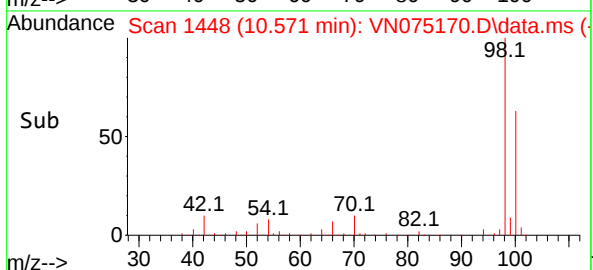
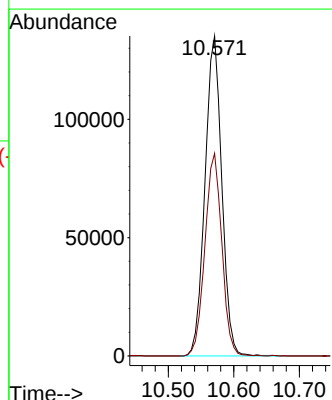
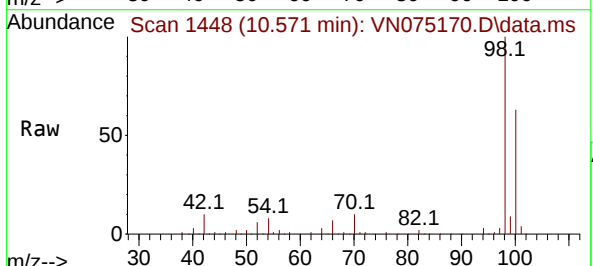
Acq: 04 Nov 2022 13:21

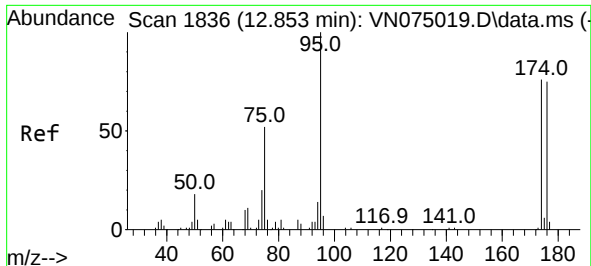
Tgt Ion: 98 Resp: 241630

Ion Ratio Lower Upper

98 100

100 63.7 53.0 79.6

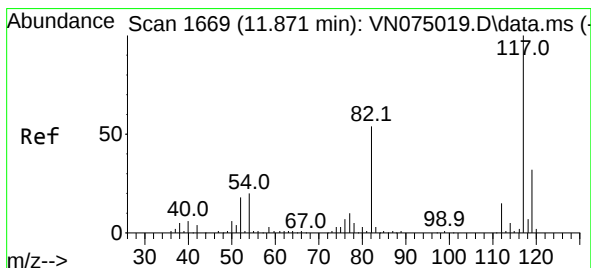
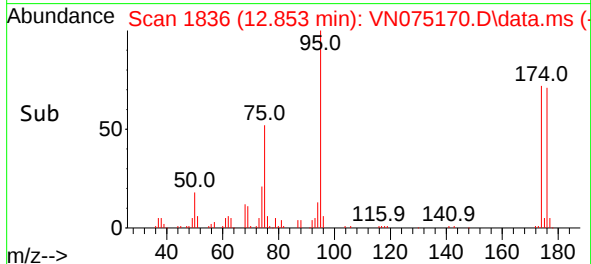
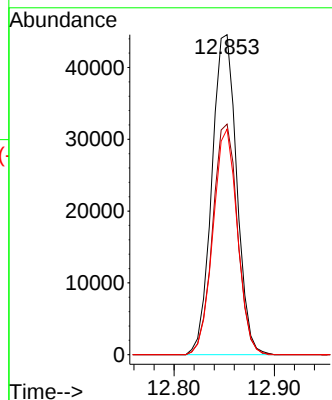
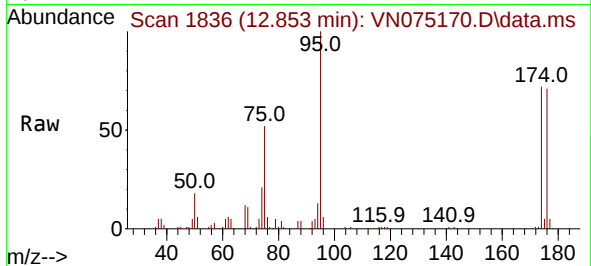




#62
4-Bromofluorobenzene
Concen: 49.753 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075170.D
Acq: 04 Nov 2022 13:21

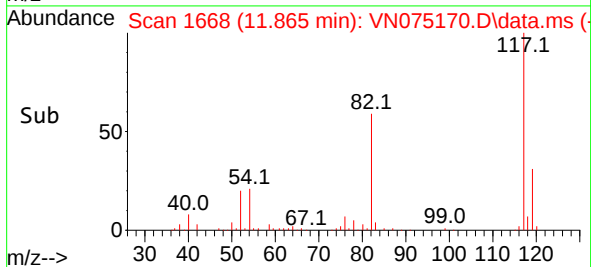
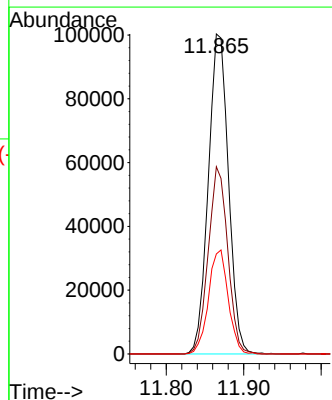
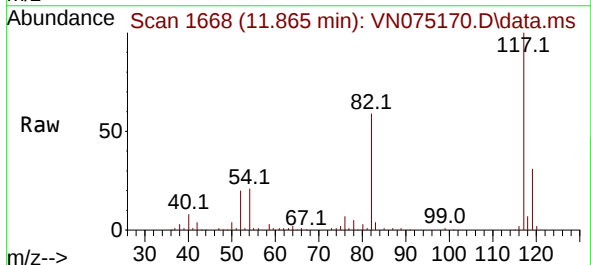
Instrument :
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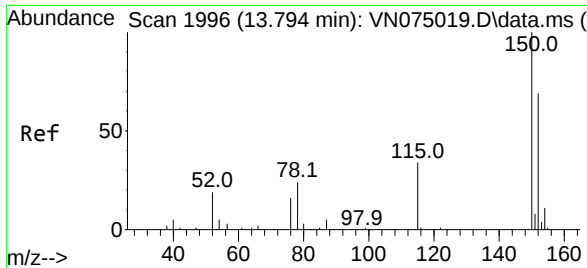
Tgt Ion: 95 Resp: 76593
Ion Ratio Lower Upper
95 100
174 71.9 0.0 147.4
176 69.2 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075170.D
Acq: 04 Nov 2022 13:21

Tgt Ion: 117 Resp: 181105
Ion Ratio Lower Upper
117 100
82 58.5 43.1 64.7
119 31.2 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075170.D
 Acq: 04 Nov 2022 13:21

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-N

Tgt Ion:152 Resp: 69303
 Ion Ratio Lower Upper
 152 100
 115 63.3 30.2 90.6
 150 156.2 0.0 348.4

