

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031423\
 Data File : VN076985.D
 Acq On : 14 Mar 2023 16:21
 Operator : JC\MD
 Sample : PB151382ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB151382ZHE#04

Quant Time: Mar 15 04:25:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

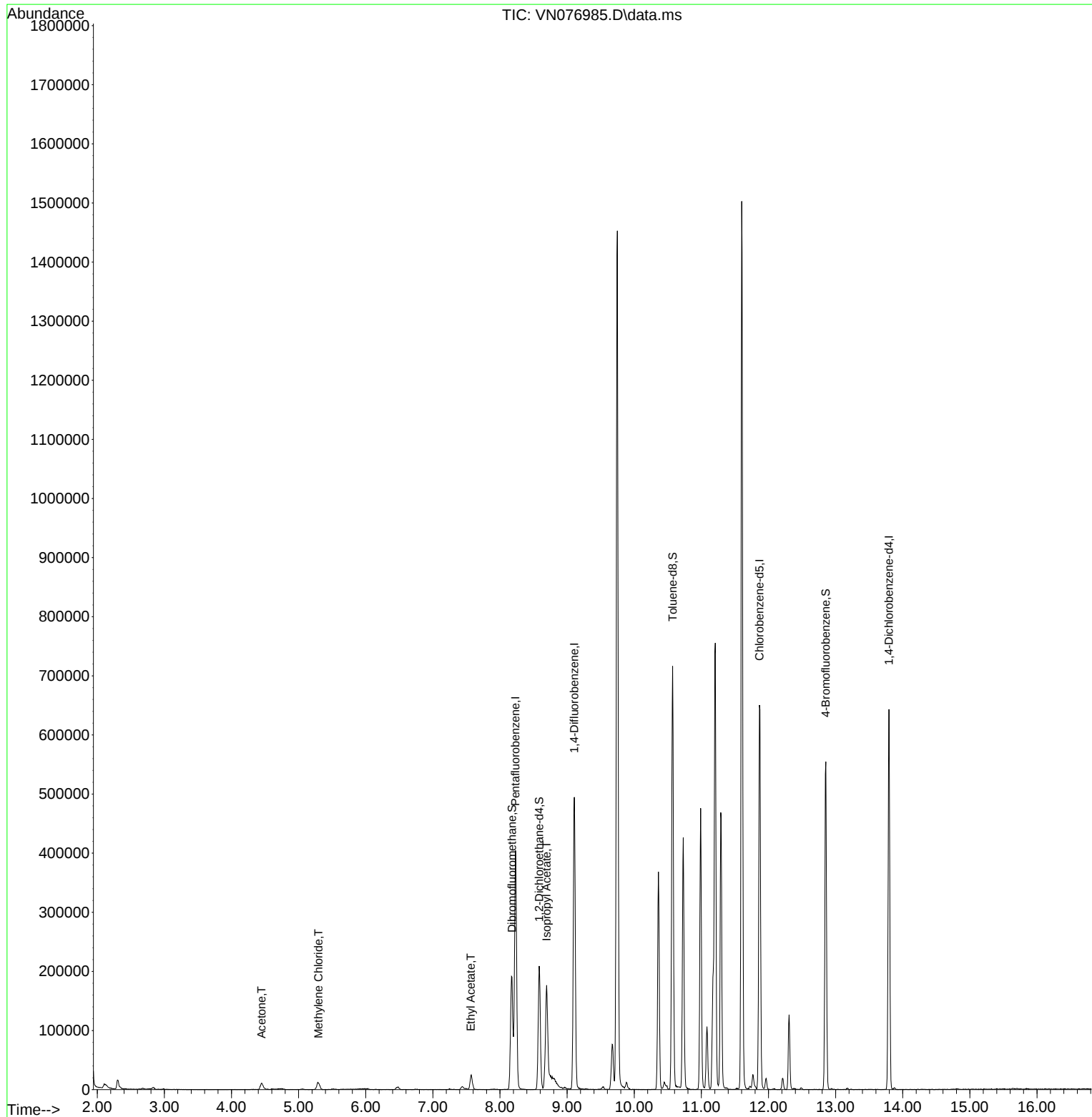
Internal Standards						
1) Pentafluorobenzene	8.230	168	268258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	407487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	374132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	163517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	201154	50.249	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	100.500%	
35) Dibromofluoromethane	8.178	113	131950	48.587	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	97.180%	
50) Toluene-d8	10.571	98	482846	48.242	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	96.480%	
62) 4-Bromofluorobenzene	12.854	95	186496	50.942	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	101.880%	
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	21163	15.256	ug/l #	86
20) Methylene Chloride	5.295	84	10272	2.880	ug/l	91
37) Ethyl Acetate	7.566	43	35843	10.671	ug/l	95
43) Isopropyl Acetate	8.695	43	223677	37.723	ug/l #	75

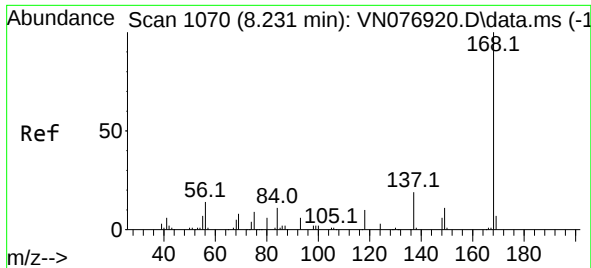
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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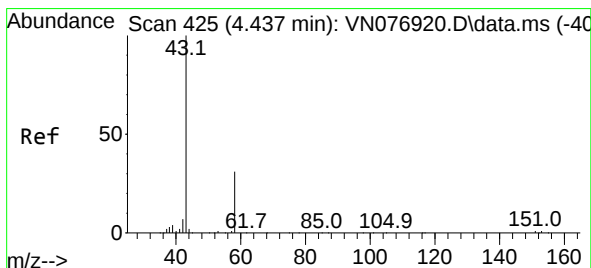
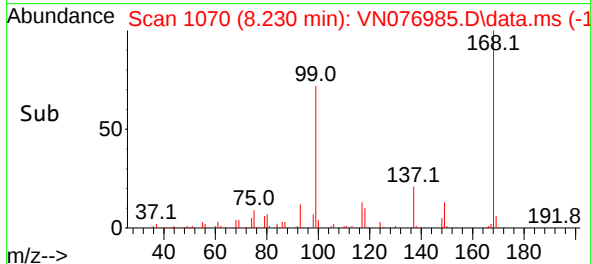
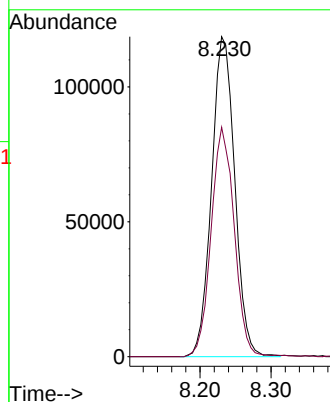
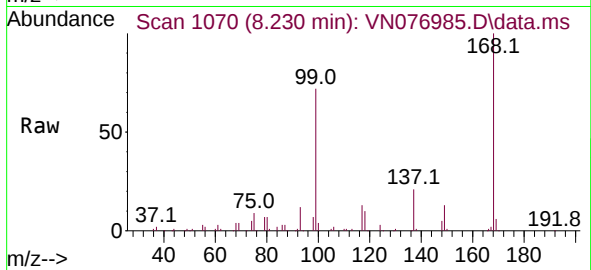




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN076985.D
Acq: 14 Mar 2023 16:21

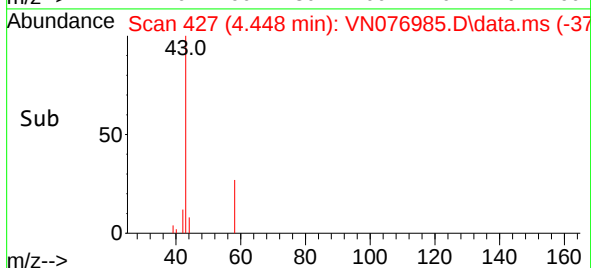
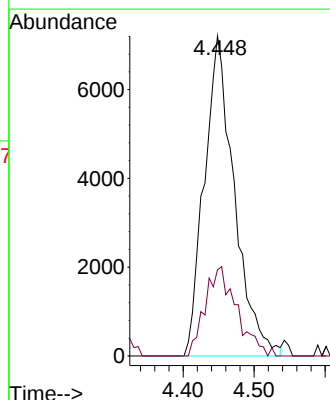
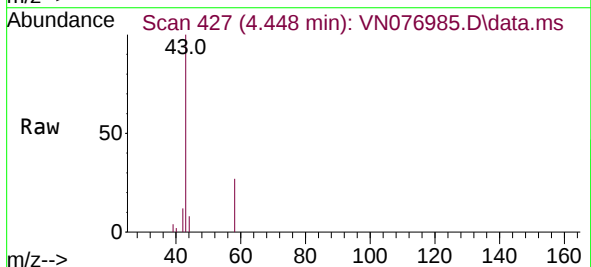
Instrument :
MSVOA_N
ClientSampleId :
PB151382ZHE#04

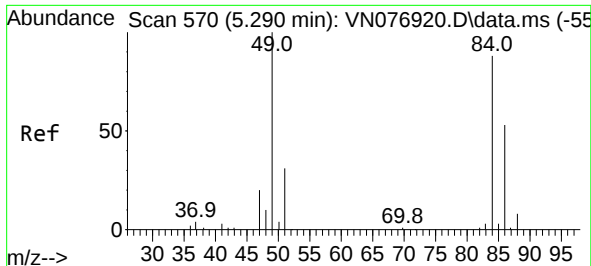
Tgt Ion:168 Resp: 268258
Ion Ratio Lower Upper
168 100
99 71.7 48.6 73.0



#16
Acetone
Concen: 15.256 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.011 min
Lab File: VN076985.D
Acq: 14 Mar 2023 16:21

Tgt Ion: 43 Resp: 21163
Ion Ratio Lower Upper
43 100
58 26.9 28.2 42.2#

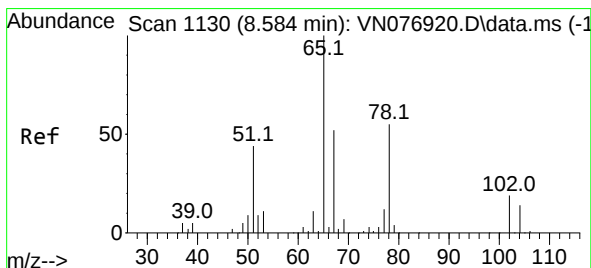
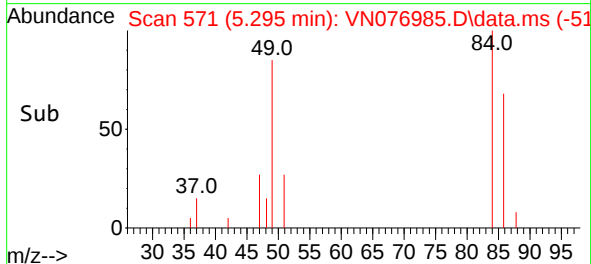
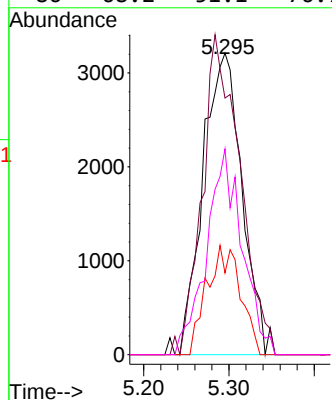
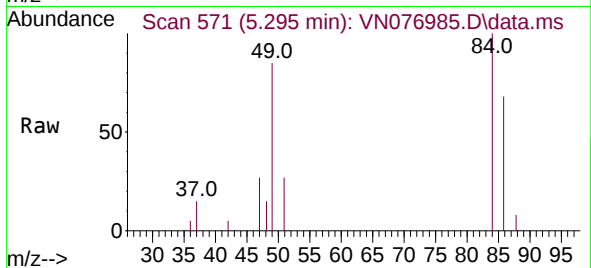




#20
Methylene Chloride
Concen: 2.880 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN076985.D
Acq: 14 Mar 2023 16:21

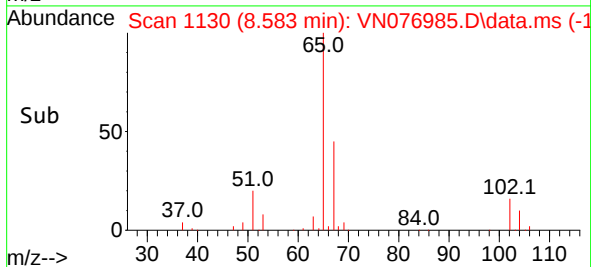
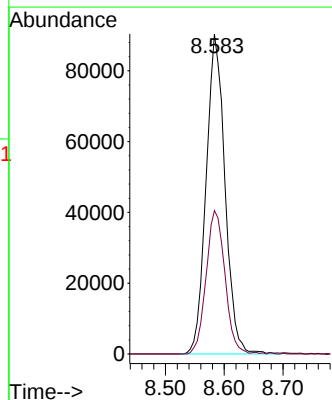
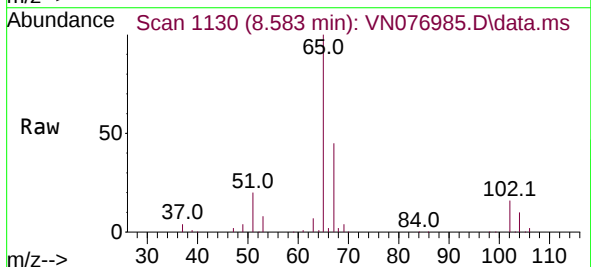
Instrument :
MSVOA_N
ClientSampleId :
PB151382ZHE#04

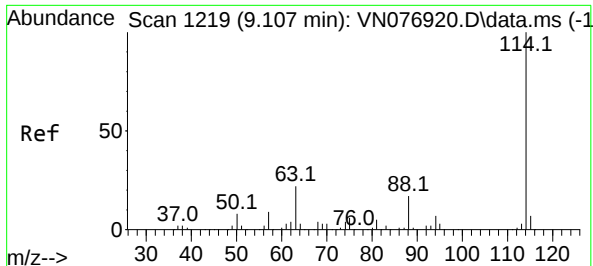
Tgt Ion: 84	Resp: 10272
Ion Ratio	Lower Upper
84 100	
49 85.1	76.6 114.8
51 27.1	25.4 38.2
86 68.2	51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 50.249 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076985.D
Acq: 14 Mar 2023 16:21

Tgt Ion: 65	Resp: 201154
Ion Ratio	Lower Upper
65 100	
67 45.0	0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076985.D

Acq: 14 Mar 2023 16:21

Instrument :

MSVOA_N

ClientSampleId :

PB151382ZHE#04

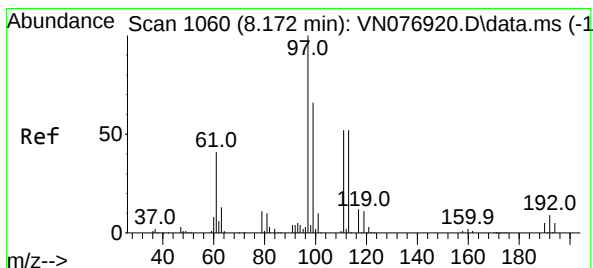
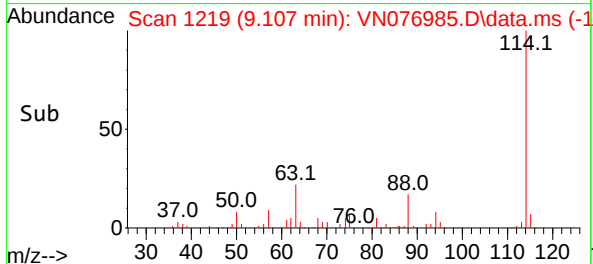
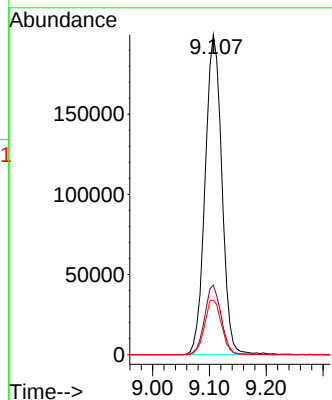
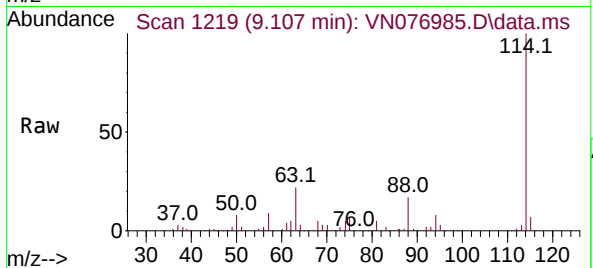
Tgt Ion:114 Resp: 407487

Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.6

88 17.1 0.0 28.6



#35

Dibromofluoromethane

Concen: 48.587 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VN076985.D

Acq: 14 Mar 2023 16:21

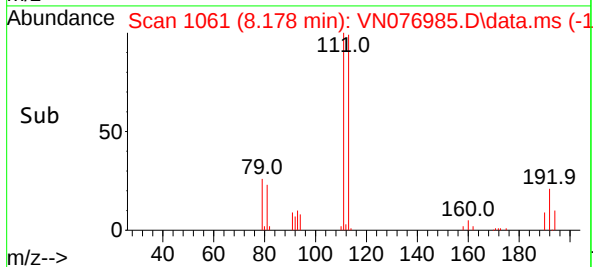
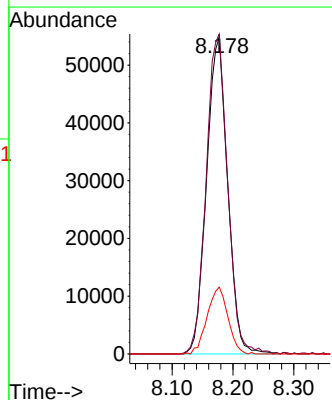
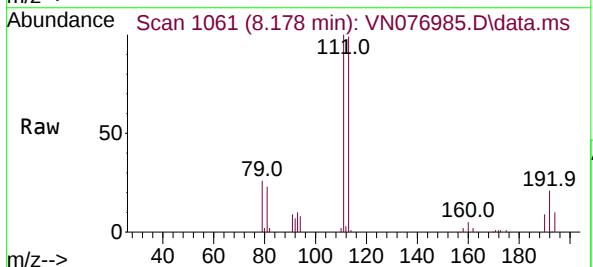
Tgt Ion:113 Resp: 131950

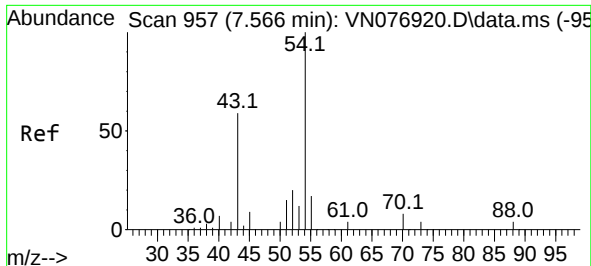
Ion Ratio Lower Upper

113 100

111 103.2 81.8 122.8

192 20.8 13.9 20.9

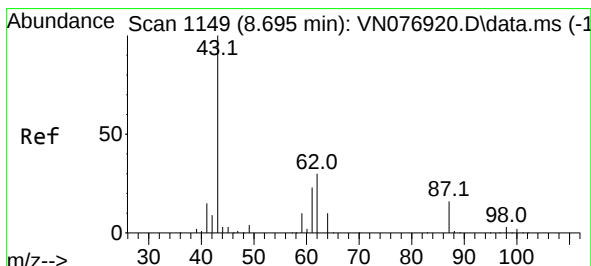
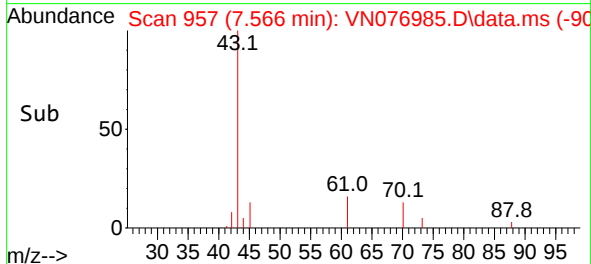
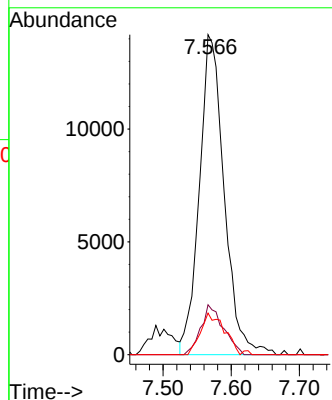
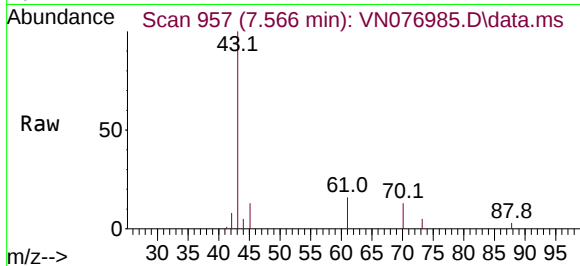




#37
Ethyl Acetate
Concen: 10.671 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076985.D
Acq: 14 Mar 2023 16:21

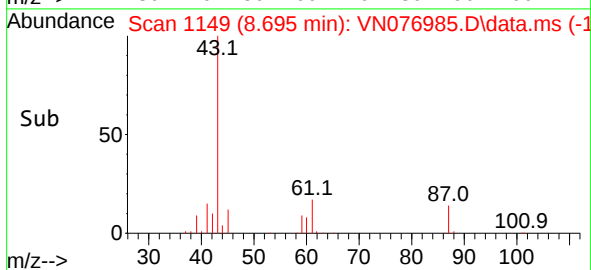
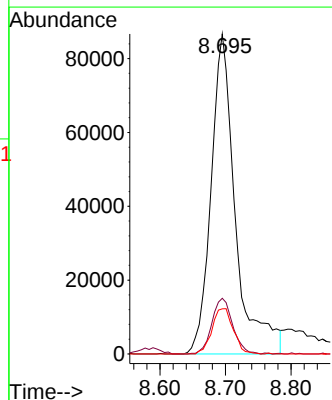
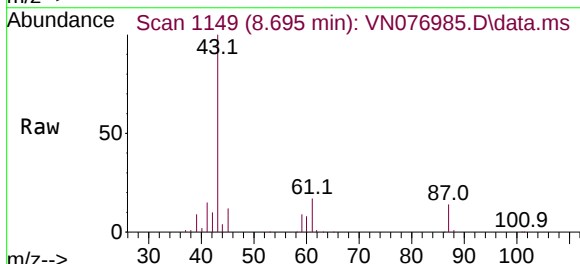
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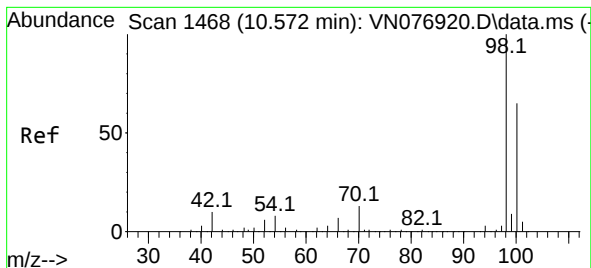
Tgt Ion:	43	Resp:	35843
Ion	Ratio	Lower	Upper
43	100		
61	14.2	13.5	20.3
70	12.4	11.0	16.6



#43
Isopropyl Acetate
Concen: 37.723 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076985.D
Acq: 14 Mar 2023 16:21

Tgt Ion:	43	Resp:	223677
Ion	Ratio	Lower	Upper
43	100		
61	14.8	26.2	39.2#
87	12.4	14.8	22.2#

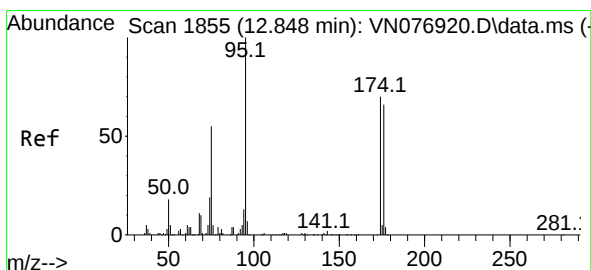
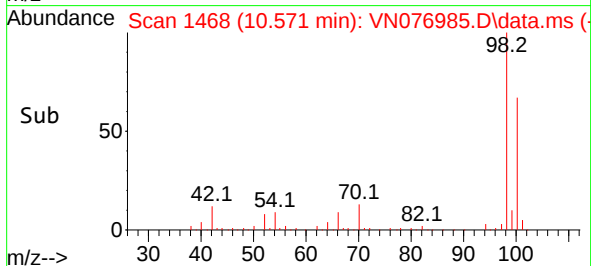
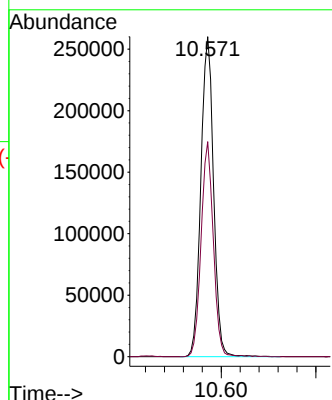
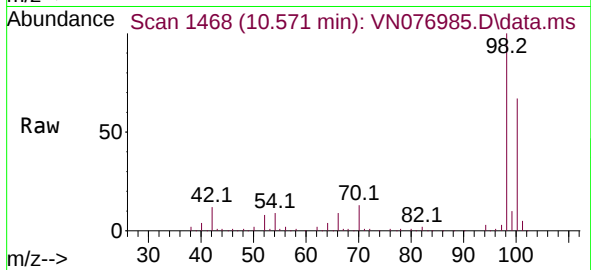




#50
Toluene-d8
Concen: 48.242 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VN076985.D
Acq: 14 Mar 2023 16:21

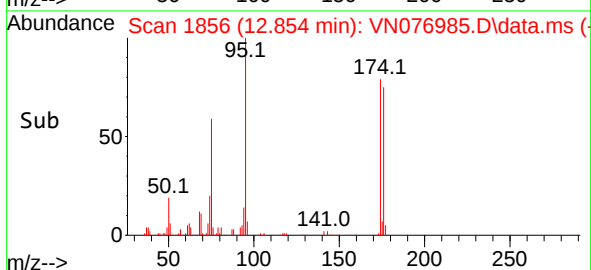
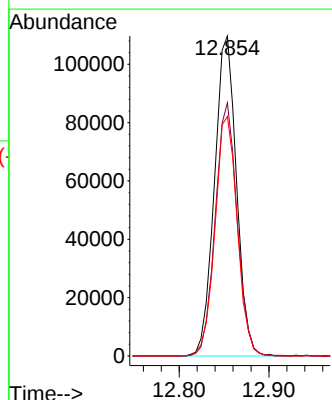
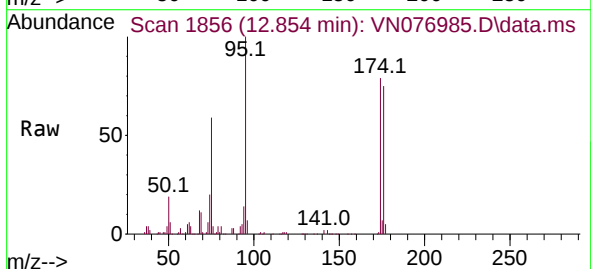
Instrument :
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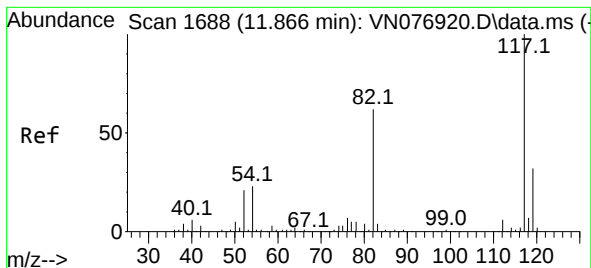
Tgt Ion: 98 Resp: 482846
Ion Ratio Lower Upper
98 100
100 64.8 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 50.942 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076985.D
Acq: 14 Mar 2023 16:21

Tgt Ion: 95 Resp: 186496
Ion Ratio Lower Upper
95 100
174 78.8 0.0 162.4
176 75.7 0.0 157.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.866 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076985.D

Acq: 14 Mar 2023 16:21

Instrument :

MSVOA_N

ClientSampleId :

PB151382ZHE#04

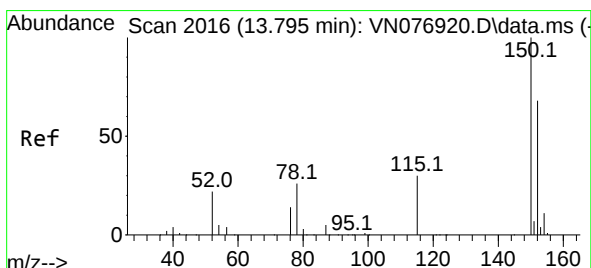
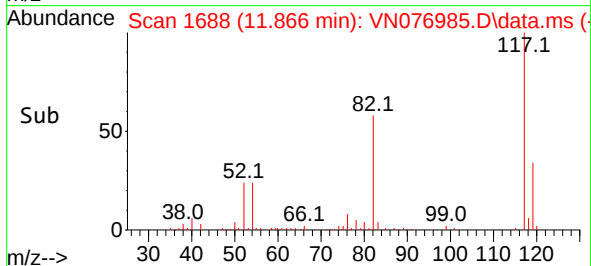
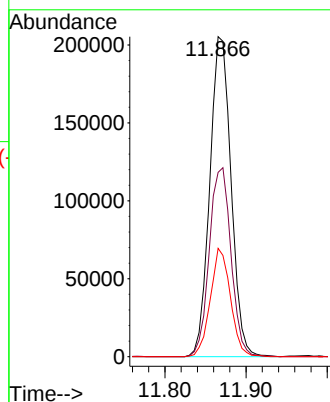
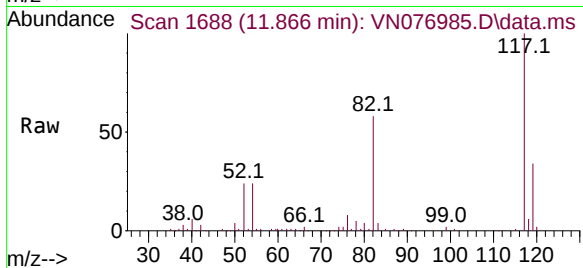
Tgt Ion:117 Resp: 374132

Ion Ratio Lower Upper

117 100

82 57.6 43.5 65.3

119 33.9 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN076985.D

Acq: 14 Mar 2023 16:21

Tgt Ion:152 Resp: 163517

Ion Ratio Lower Upper

152 100

115 67.1 30.3 90.9

150 158.6 0.0 353.6

