

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
 Data File : VN076022.D
 Acq On : 29 Dec 2022 00:55
 Operator : JC\MD
 Sample : PB149923ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149923ZHE#03

Quant Time: Dec 29 07:49:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

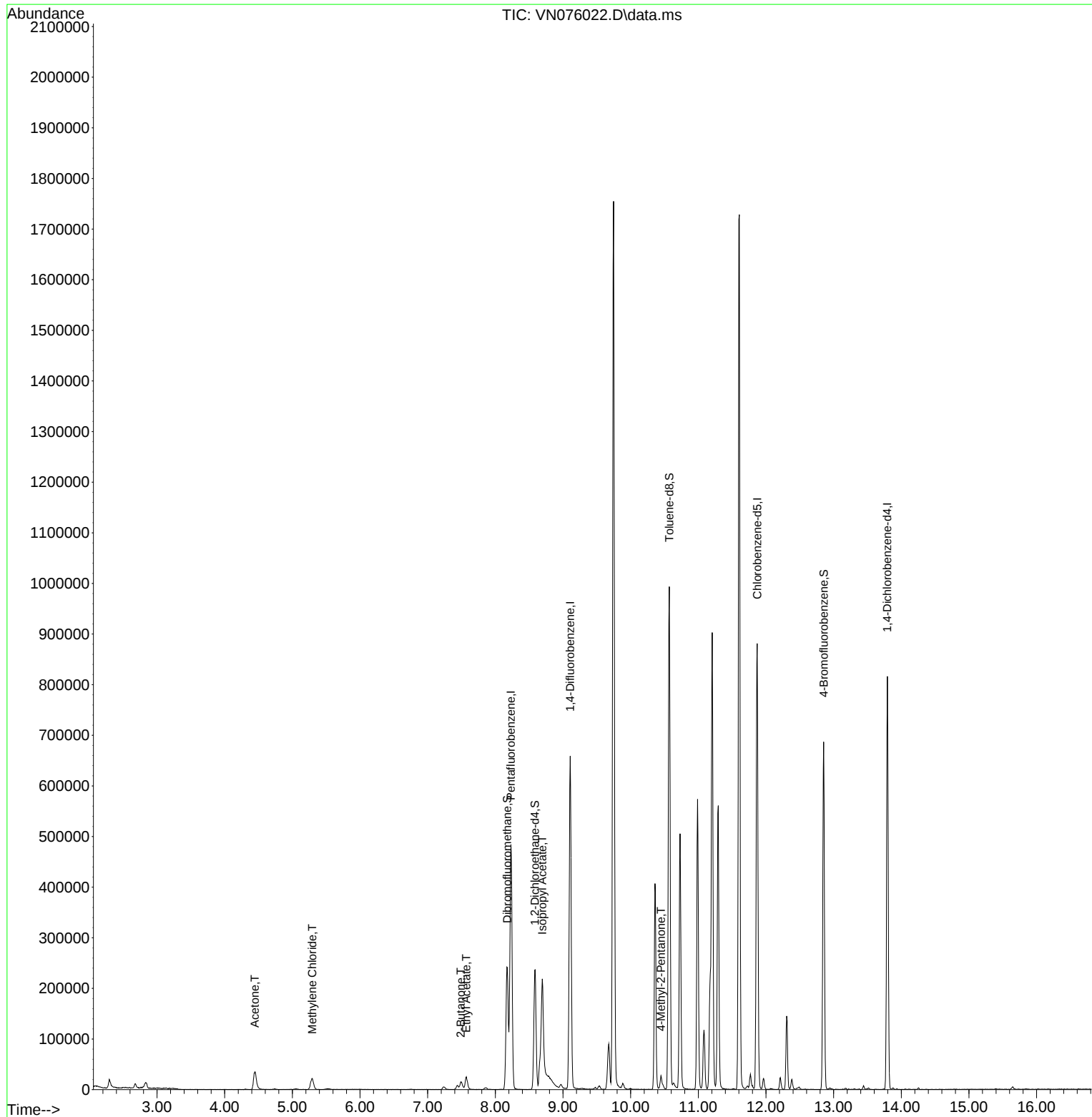
Internal Standards						
1) Pentafluorobenzene	8.230	168	387000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	608242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	549743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	232835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	195886	46.527	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	93.060%	
35) Dibromofluoromethane	8.177	113	177540	47.133	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	94.260%	
50) Toluene-d8	10.571	98	719485	51.087	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	102.180%	
62) 4-Bromofluorobenzene	12.853	95	231444	49.617	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	99.240%	
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	68693	47.331	ug/l	98
20) Methylene Chloride	5.295	84	18965	4.299	ug/l #	86
25) 2-Butanone	7.489	43	25120	12.361	ug/l	91
37) Ethyl Acetate	7.571	43	35663	8.873	ug/l	98
43) Isopropyl Acetate	8.694	43	335349	50.580	ug/l #	73
51) 4-Methyl-2-Pentanone	10.447	43	22149	5.524	ug/l #	81

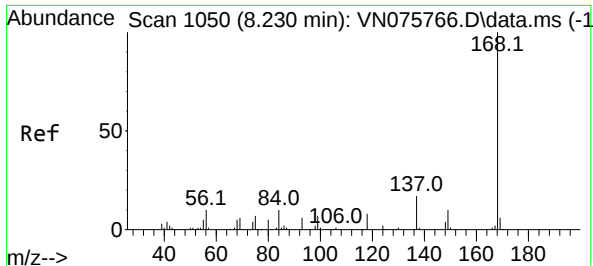
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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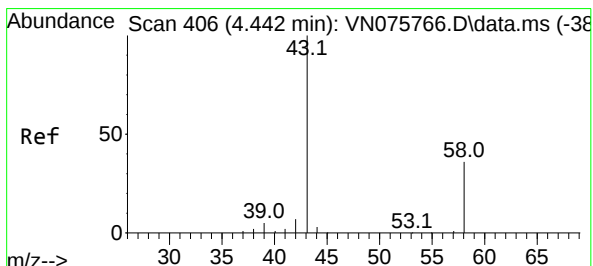
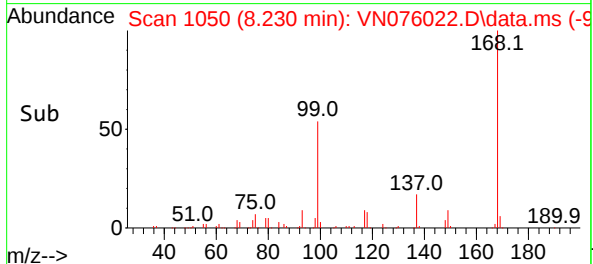
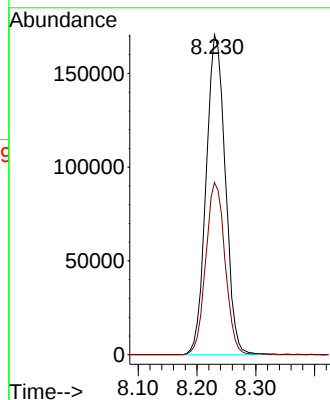
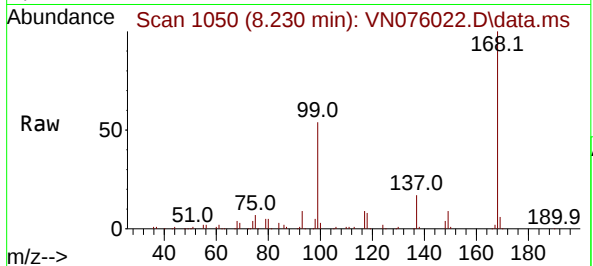




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076022.D
Acq: 29 Dec 2022 00:55

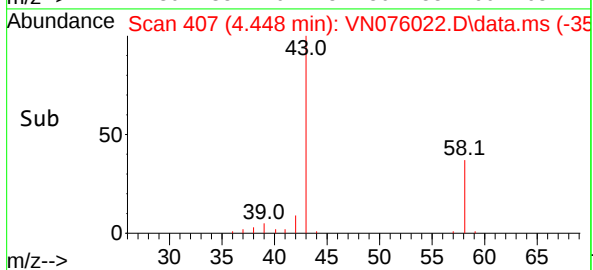
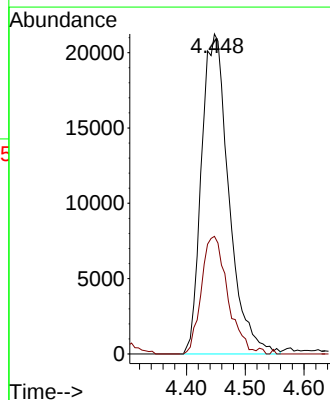
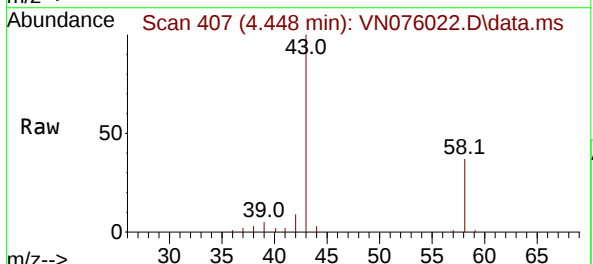
Instrument :
MSVOA_N
ClientSampleId :
PB149923ZHE#03

Tgt Ion:168 Resp: 387000
Ion Ratio Lower Upper
168 100
99 53.8 44.2 66.4



#16
Acetone
Concen: 47.331 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076022.D
Acq: 29 Dec 2022 00:55

Tgt Ion: 43 Resp: 68693
Ion Ratio Lower Upper
43 100
58 36.8 28.6 43.0

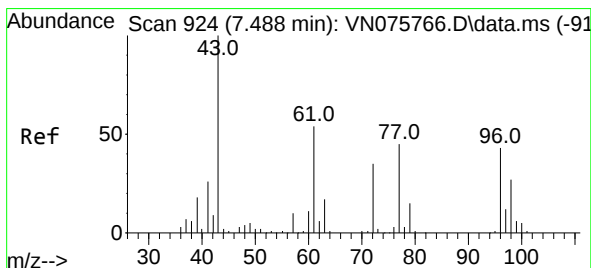
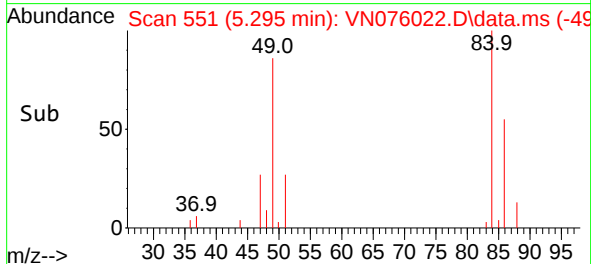
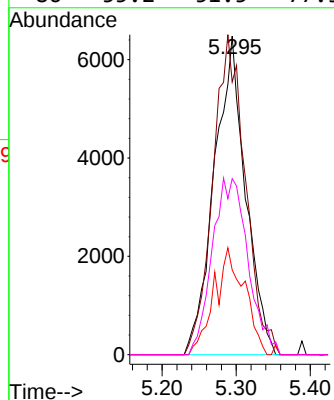
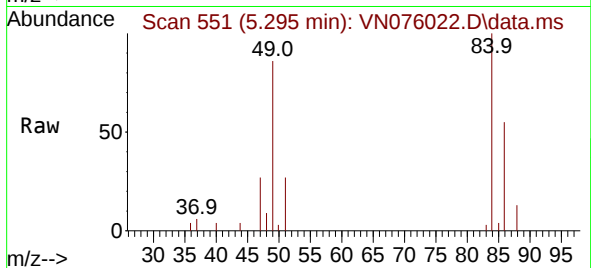




#20
Methylene Chloride
Concen: 4.299 ug/l
RT: 5.295 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN076022.D
Acq: 29 Dec 2022 00:55

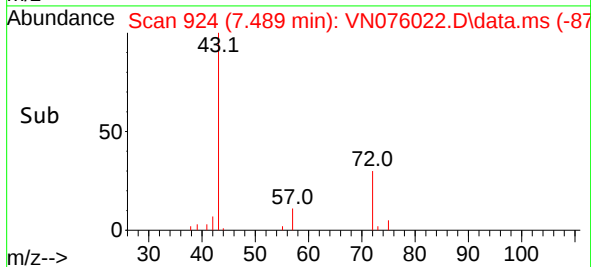
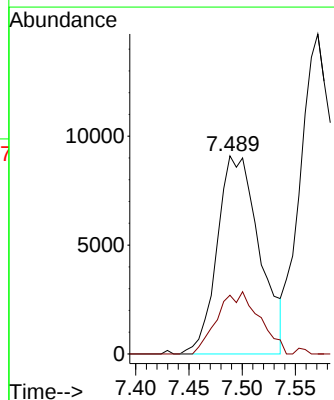
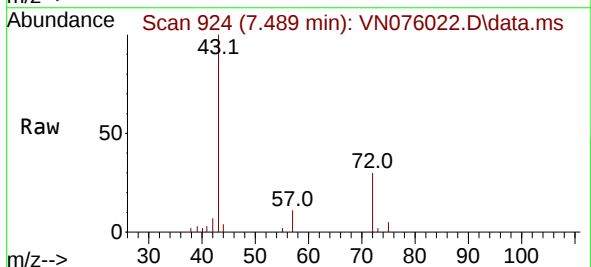
Instrument :
MSVOA_N
ClientSampleId :
PB149923ZHE#03

Tgt Ion:	84	Resp:	18965
Ion	Ratio	Lower	Upper
84	100		
49	85.6	81.8	122.6
51	26.6	26.7	40.1#
86	55.2	51.5	77.3



#25
2-Butanone
Concen: 12.361 ug/l
RT: 7.489 min Scan# 924
Delta R.T. 0.000 min
Lab File: VN076022.D
Acq: 29 Dec 2022 00:55

Tgt Ion:	43	Resp:	25120
Ion	Ratio	Lower	Upper
43	100		
72	29.7	28.0	42.0





#33

1,2-Dichloroethane-d4

Concen: 46.527 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076022.D

Acq: 29 Dec 2022 00:55

Instrument :

MSVOA_N

ClientSampleId :

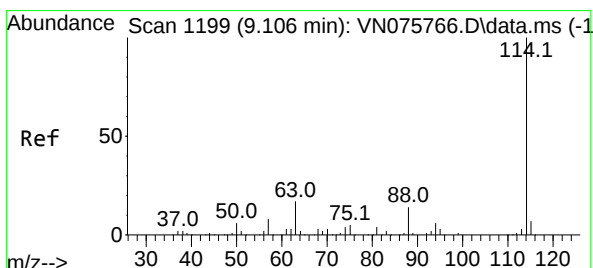
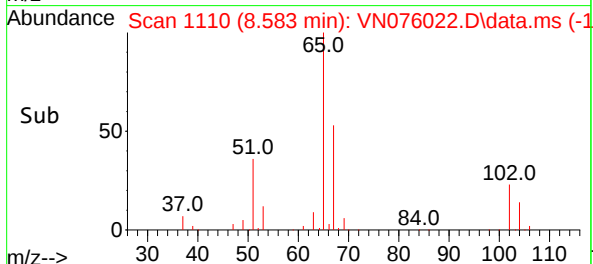
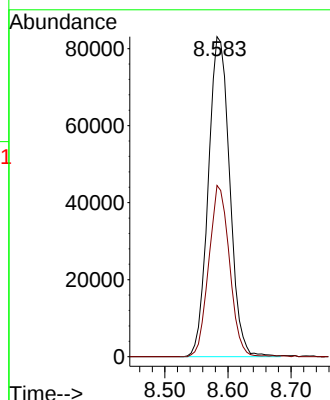
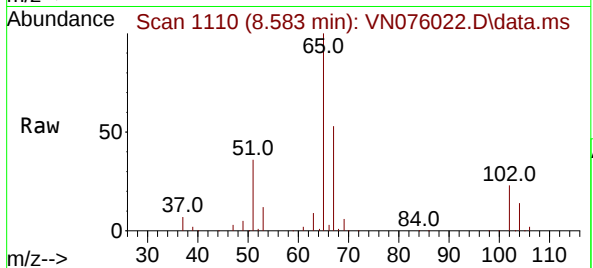
PB149923ZHE#03

Tgt Ion: 65 Resp: 195886

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076022.D

Acq: 29 Dec 2022 00:55

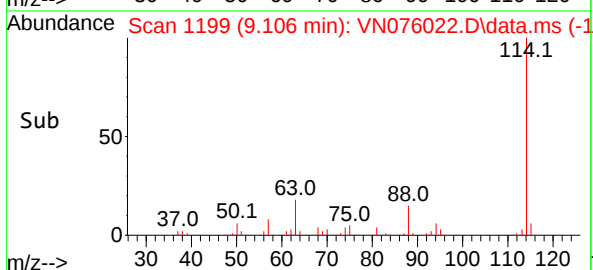
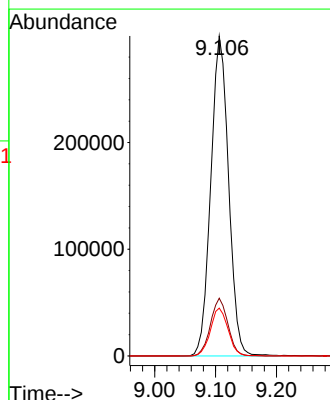
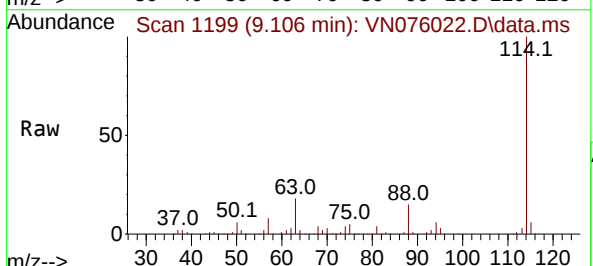
Tgt Ion: 114 Resp: 608242

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.4

88 15.0 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.133 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076022.D

Acq: 29 Dec 2022 00:55

Instrument :

MSVOA_N

ClientSampleId :

PB149923ZHE#03

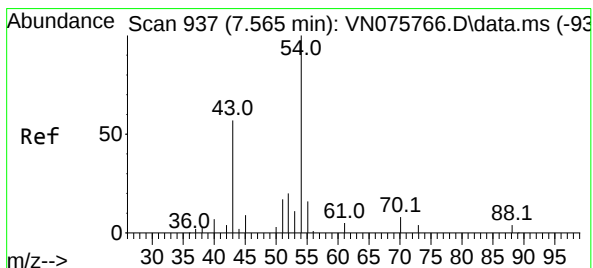
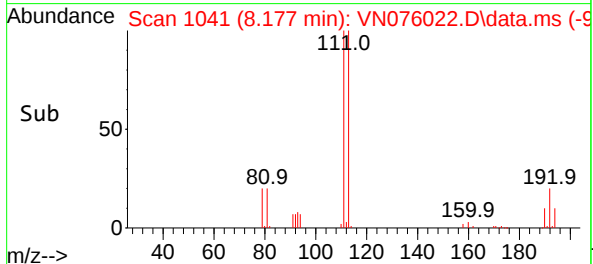
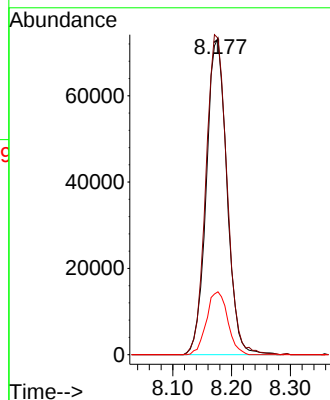
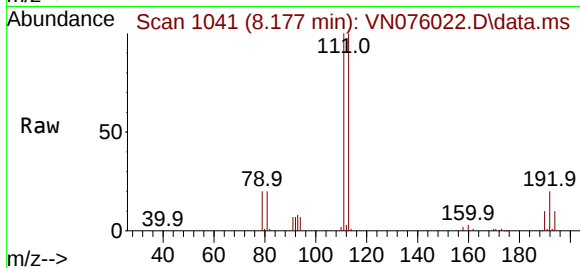
Tgt Ion:113 Resp: 177540

Ion Ratio Lower Upper

113 100

111 103.6 83.4 125.2

192 20.5 16.1 24.1



#37

Ethyl Acetate

Concen: 8.873 ug/l

RT: 7.571 min Scan# 938

Delta R.T. 0.006 min

Lab File: VN076022.D

Acq: 29 Dec 2022 00:55

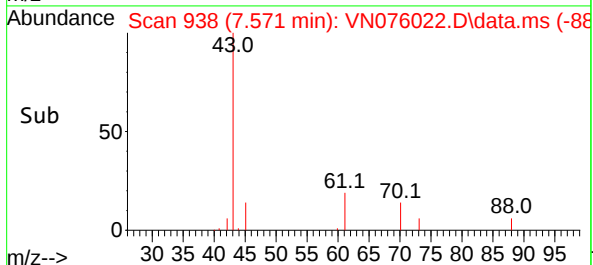
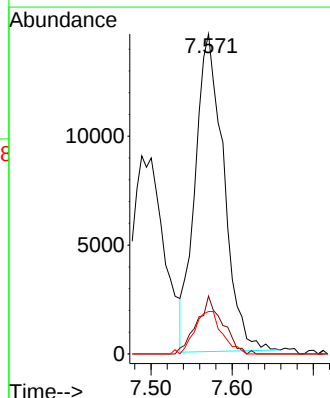
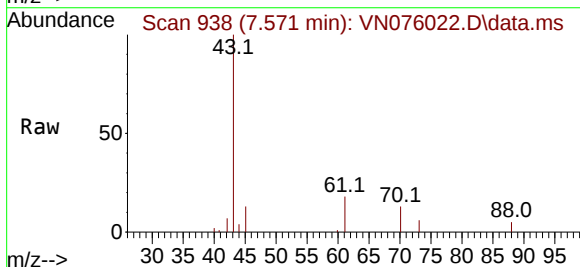
Tgt Ion: 43 Resp: 35663

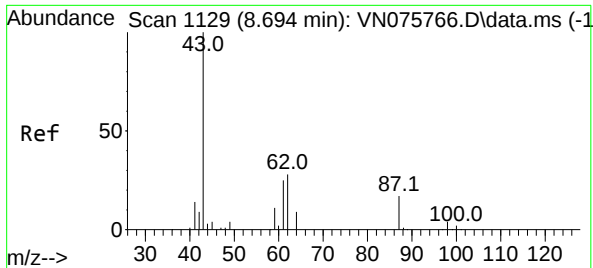
Ion Ratio Lower Upper

43 100

61 16.4 13.0 19.4

70 12.9 9.4 14.0

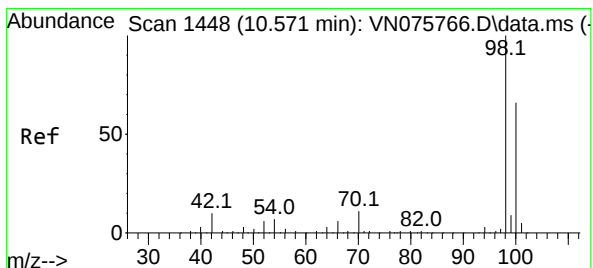
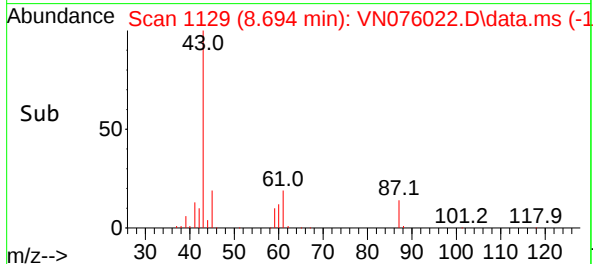
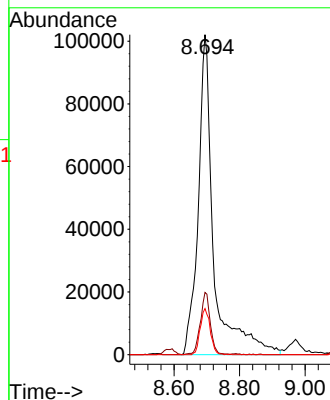
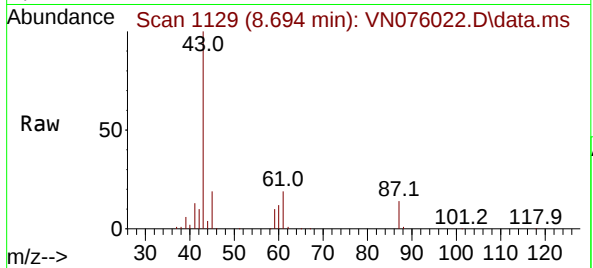




#43
Isopropyl Acetate
Concen: 50.580 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076022.D
Acq: 29 Dec 2022 00:55

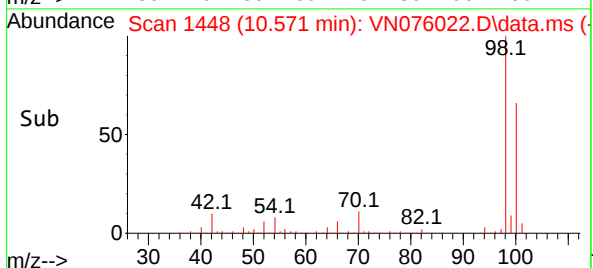
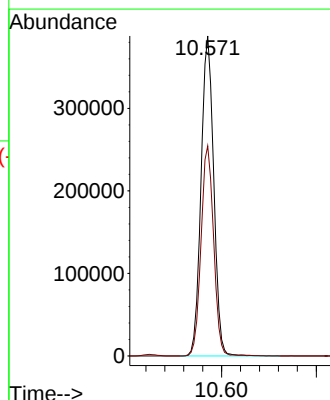
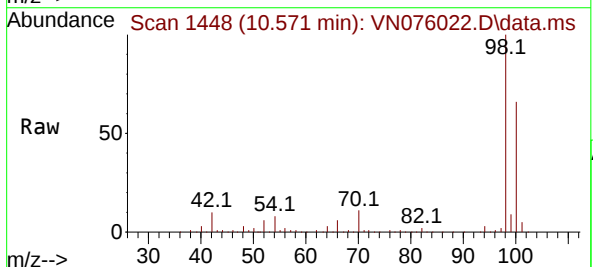
Instrument :
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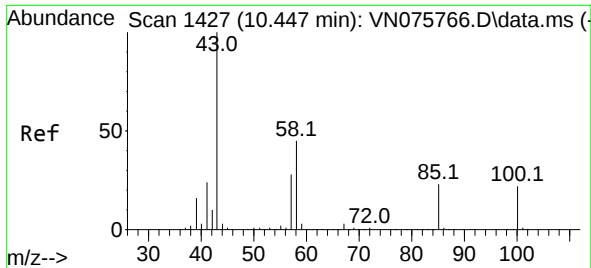
Tgt Ion: 43 Resp: 335349
Ion Ratio Lower Upper
43 100
61 12.5 24.2 36.4#
87 9.3 13.3 19.9#



#50
Toluene-d8
Concen: 51.087 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076022.D
Acq: 29 Dec 2022 00:55

Tgt Ion: 98 Resp: 719485
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1

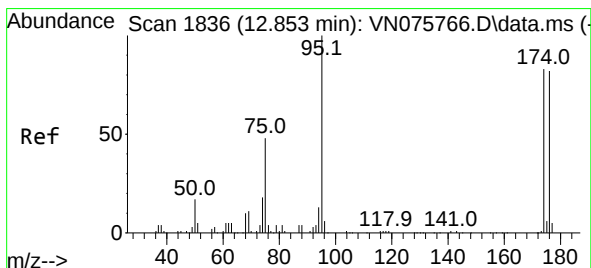
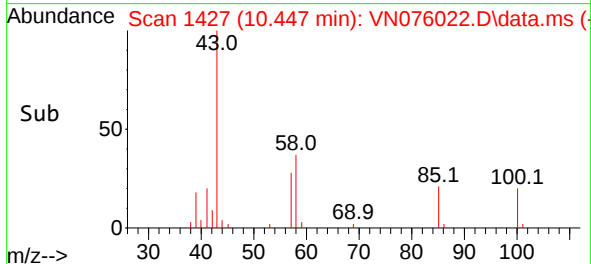
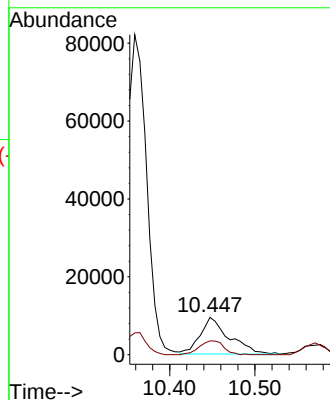
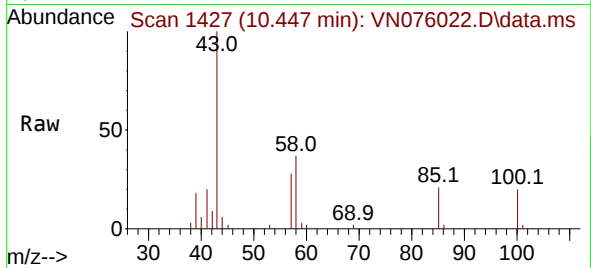




#51
4-Methyl-2-Pentanone
Concen: 5.524 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076022.D
Acq: 29 Dec 2022 00:55

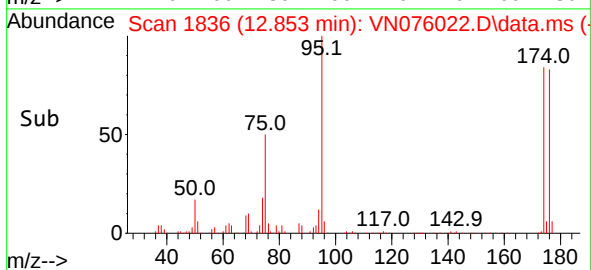
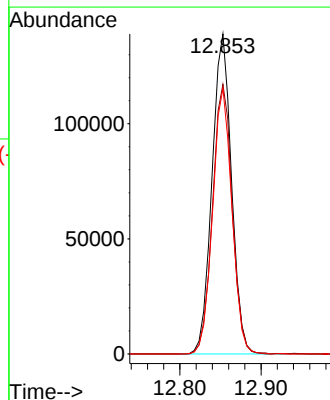
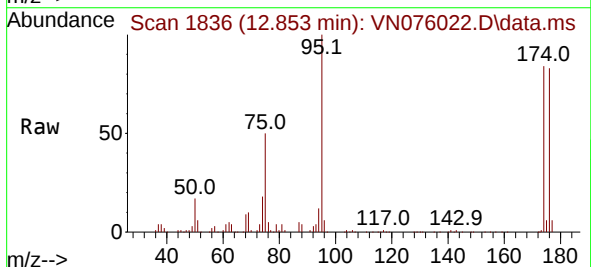
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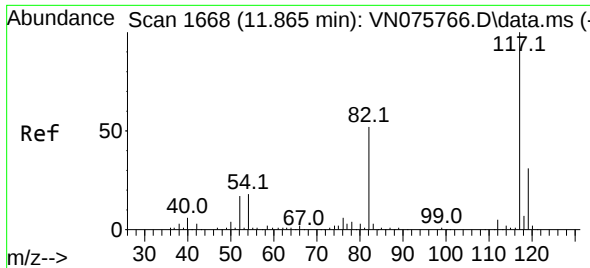
Tgt Ion: 43 Resp: 22149
Ion Ratio Lower Upper
43 100
58 31.8 35.5 53.3#



#62
4-Bromofluorobenzene
Concen: 49.617 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076022.D
Acq: 29 Dec 2022 00:55

Tgt Ion: 95 Resp: 231444
Ion Ratio Lower Upper
95 100
174 85.2 0.0 171.6
176 82.2 0.0 169.2

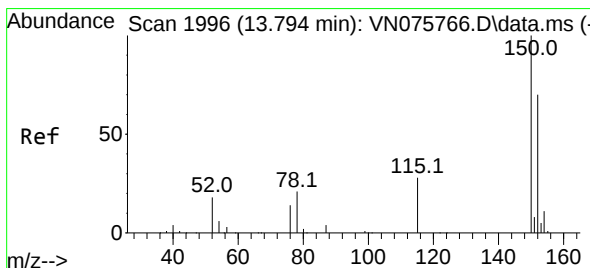
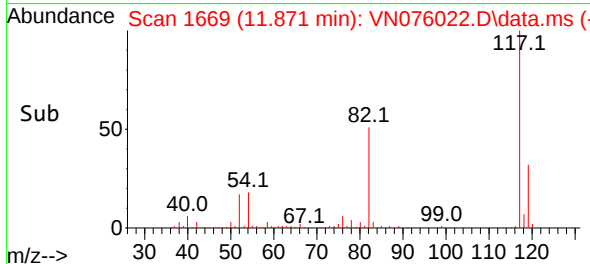
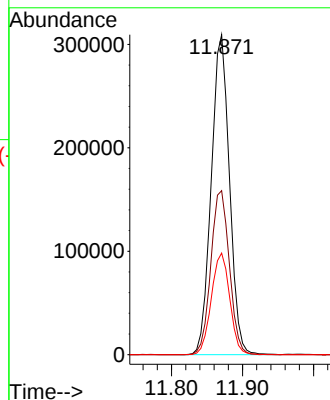
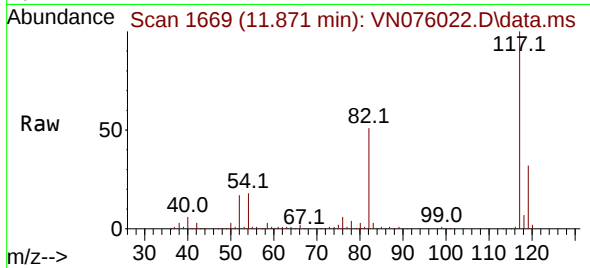




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076022.D
Acq: 29 Dec 2022 00:55

Instrument :
MSVOA_N
ClientSampleId :
PB149923ZHE#03

Tgt Ion:117 Resp: 549743
Ion Ratio Lower Upper
117 100
82 51.2 41.3 61.9
119 31.7 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076022.D
Acq: 29 Dec 2022 00:55

Tgt Ion:152 Resp: 232835
Ion Ratio Lower Upper
152 100
115 58.0 29.1 87.4
150 154.7 0.0 347.0

