

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010423\
 Data File : VN076080.D
 Acq On : 04 Jan 2023 14:41
 Operator : JC\MD
 Sample : PB150013ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB150013ZHE#01

Quant Time: Jan 05 01:23:38 2023
 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)

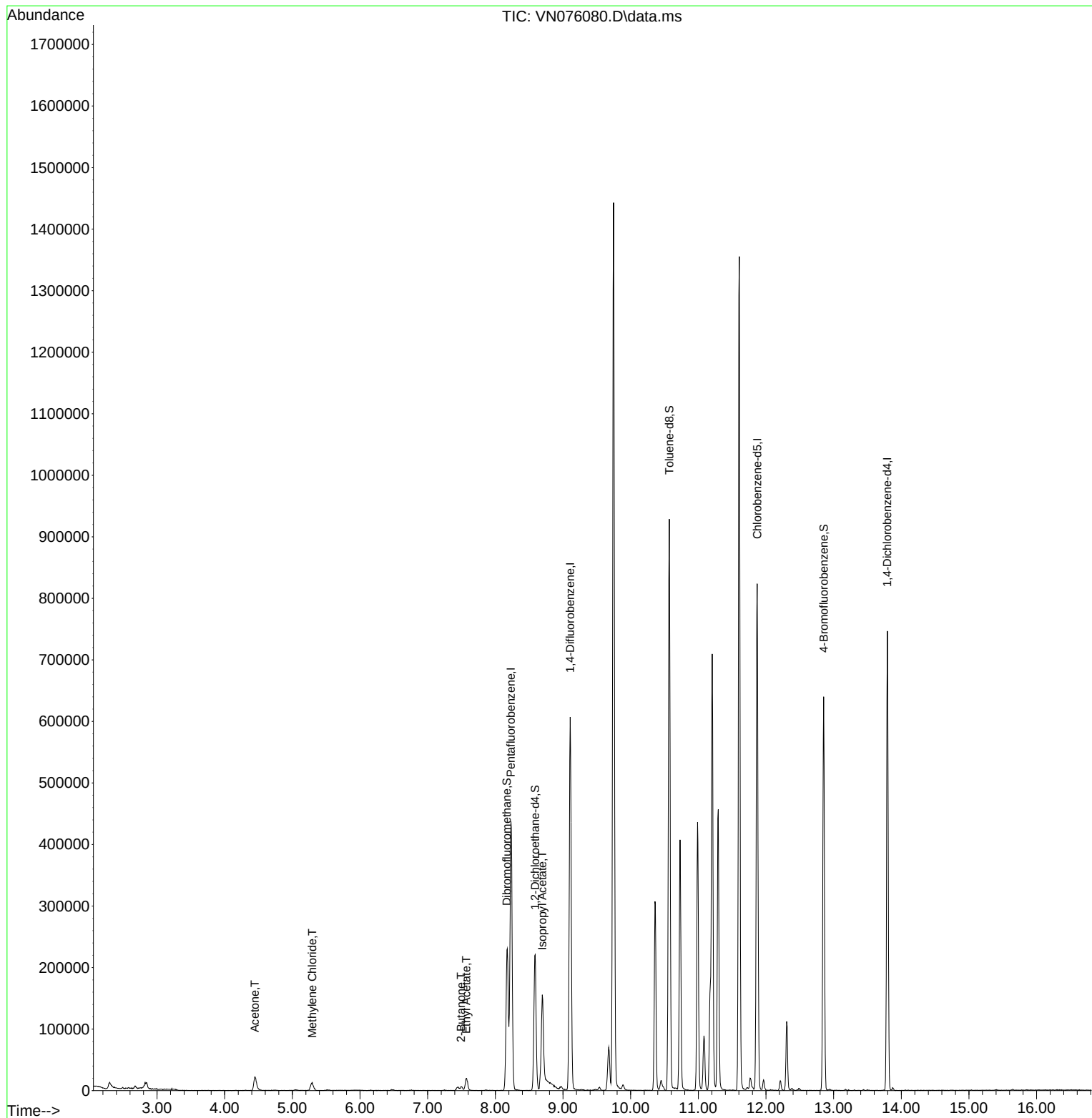
Internal Standards						
1) Pentafluorobenzene	8.230	168	342574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	549882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	498453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	209321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	184006	49.373	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.740%
35) Dibromofluoromethane	8.171	113	164242	48.231	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.460%
50) Toluene-d8	10.571	98	651741	51.188	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.380%
62) 4-Bromofluorobenzene	12.853	95	209273	49.626	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.260%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	41610	32.388	ug/l	99
20) Methylene Chloride	5.294	84	9999	2.298	ug/l	95
25) 2-Butanone	7.494	43	10122	5.627	ug/l	90
37) Ethyl Acetate	7.571	43	30733	8.458	ug/l #	90
43) Isopropyl Acetate	8.694	43	186416	31.101	ug/l #	81

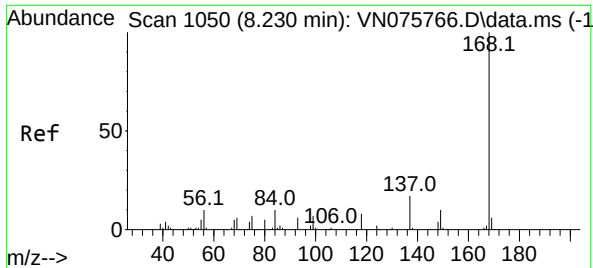
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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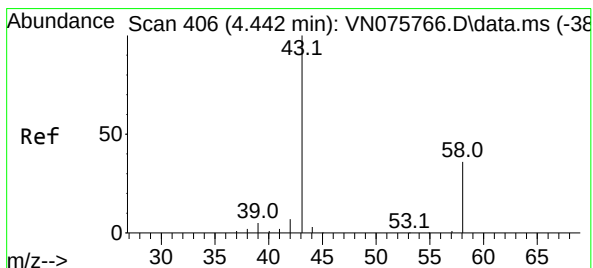
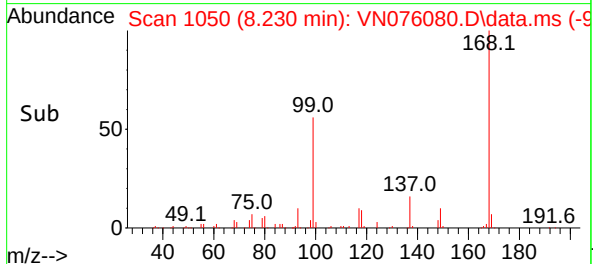
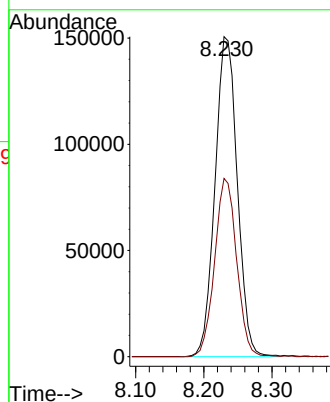
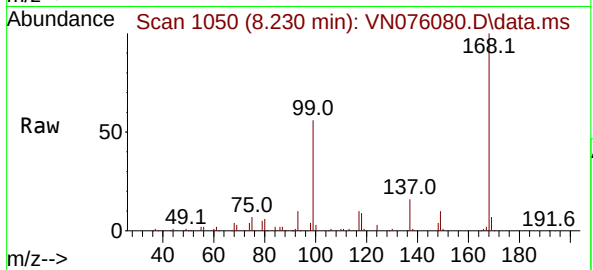




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076080.D
Acq: 04 Jan 2023 14:41

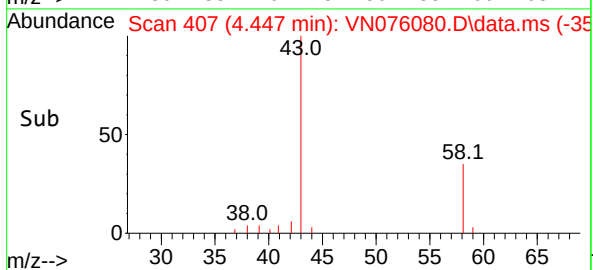
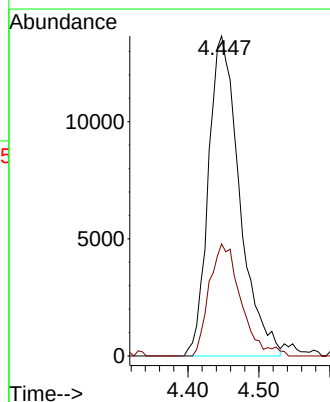
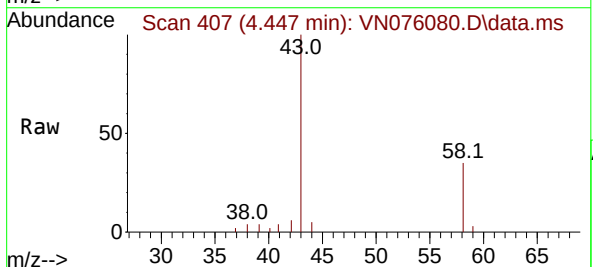
Instrument :
MSVOA_N
ClientSampleId :
PB150013ZHE#01

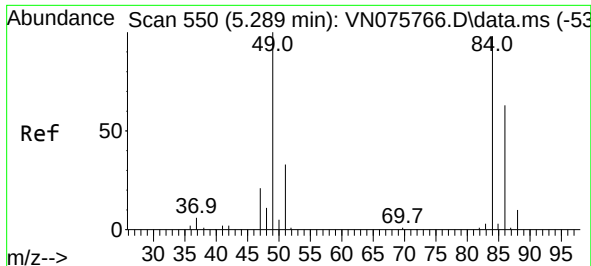
Tgt Ion:168 Resp: 342574
Ion Ratio Lower Upper
168 100
99 55.7 44.2 66.4



#16
Acetone
Concen: 32.388 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076080.D
Acq: 04 Jan 2023 14:41

Tgt Ion: 43 Resp: 41610
Ion Ratio Lower Upper
43 100
58 35.0 28.6 43.0

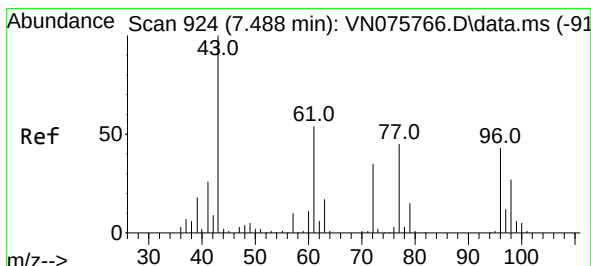
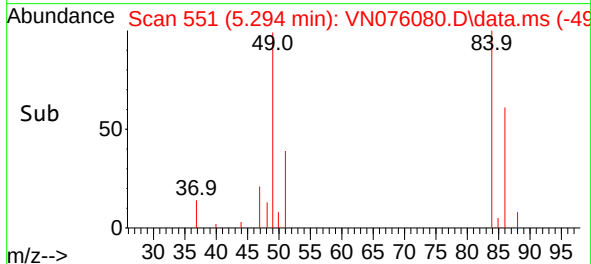
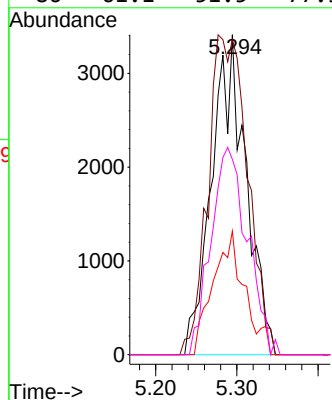
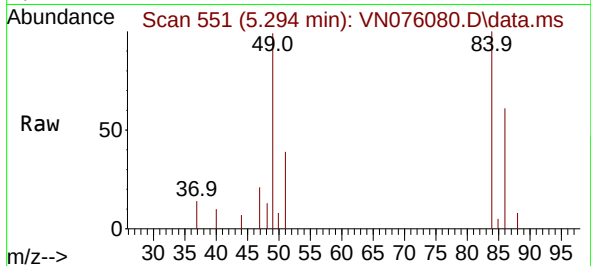




#20
Methylene Chloride
Concen: 2.298 ug/l
RT: 5.294 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN076080.D
Acq: 04 Jan 2023 14:41

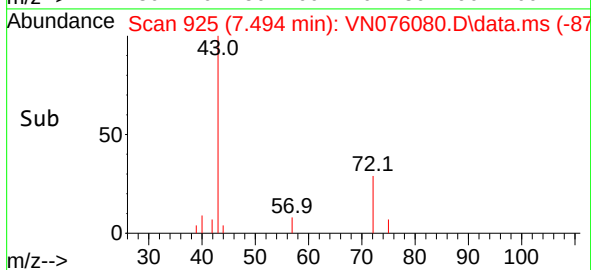
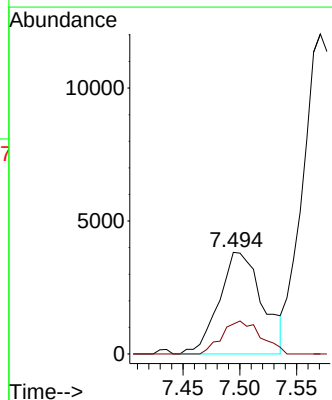
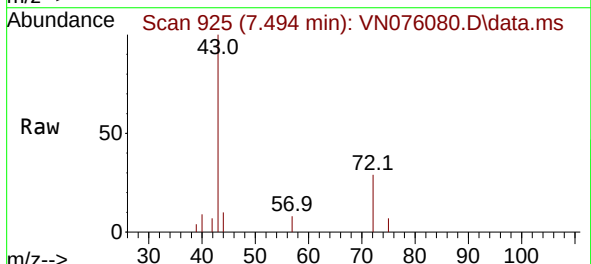
Instrument :
MSVOA_N
ClientSampleId :
PB150013ZHE#01

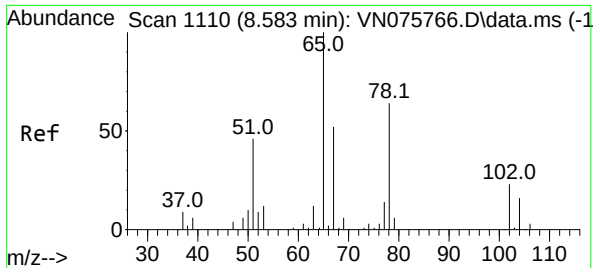
Tgt Ion: 84	Resp:	9999	
Ion	Ratio	Lower	Upper
84	100		
49	98.5	81.8	122.6
51	38.6	26.7	40.1
86	61.1	51.5	77.3



#25
2-Butanone
Concen: 5.627 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.006 min
Lab File: VN076080.D
Acq: 04 Jan 2023 14:41

Tgt Ion: 43	Resp: 10122
Ion Ratio	Lower Upper
43 100	
72 29.4	28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 49.373 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076080.D

Acq: 04 Jan 2023 14:41

Instrument :

MSVOA_N

ClientSampleId :

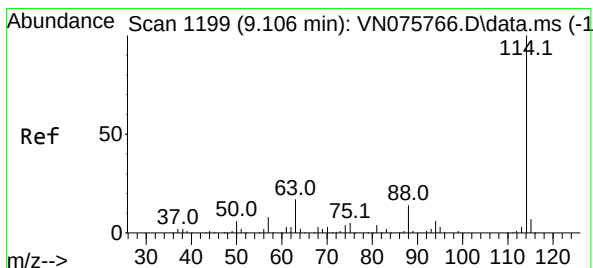
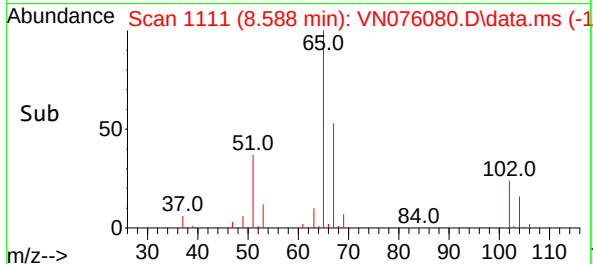
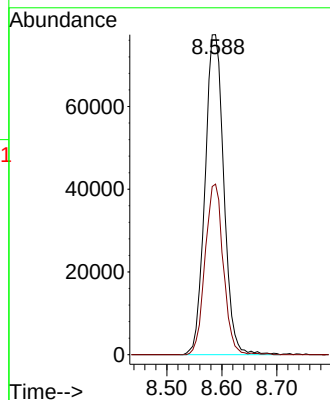
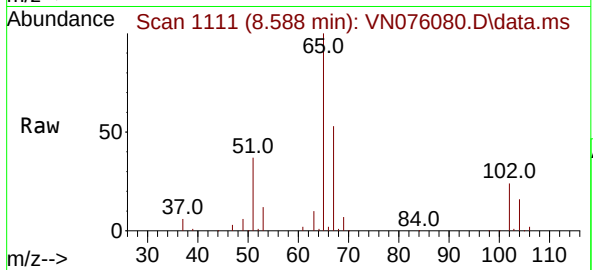
PB150013ZHE#01

Tgt Ion: 65 Resp: 184006

Ion Ratio Lower Upper

65 100

67 51.4 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: VN076080.D

Acq: 04 Jan 2023 14:41

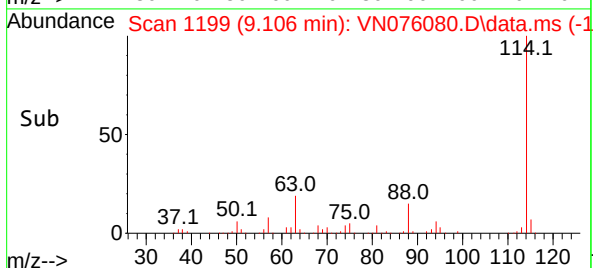
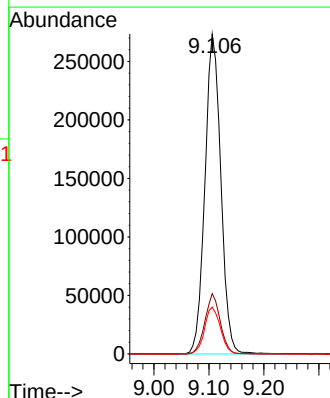
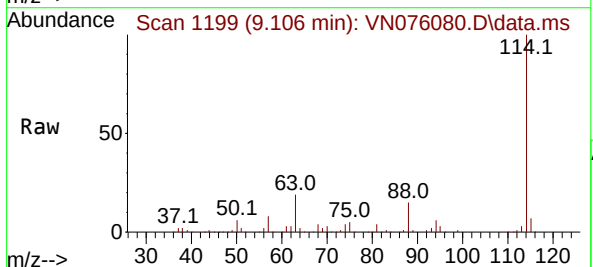
Tgt Ion: 114 Resp: 549882

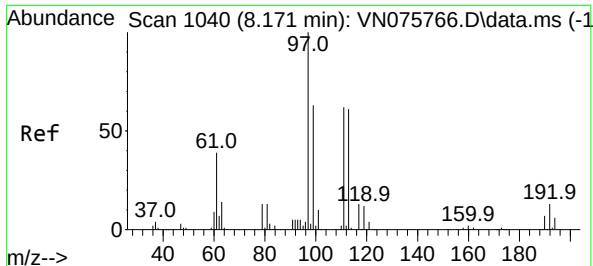
Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.4

88 14.6 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.231 ug/l

RT: 8.171 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076080.D

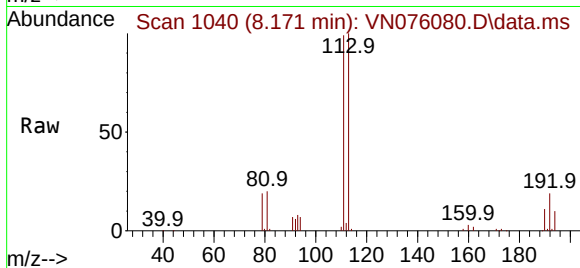
Acq: 04 Jan 2023 14:41

Instrument :

MSVOA_N

ClientSampleId :

PB150013ZHE#01



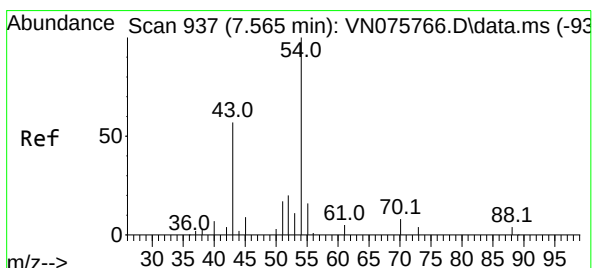
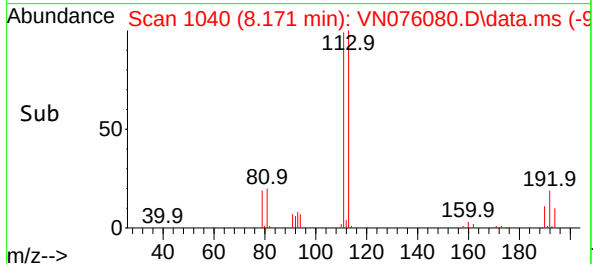
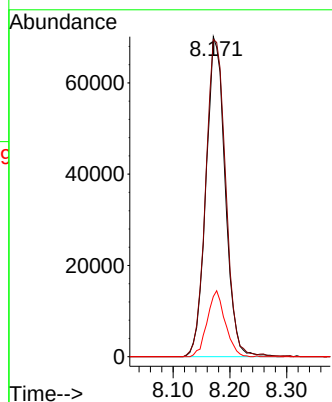
Tgt Ion:113 Resp: 164242

Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.2

192 19.3 16.1 24.1



#37

Ethyl Acetate

Concen: 8.458 ug/l

RT: 7.571 min Scan# 938

Delta R.T. 0.006 min

Lab File: VN076080.D

Acq: 04 Jan 2023 14:41

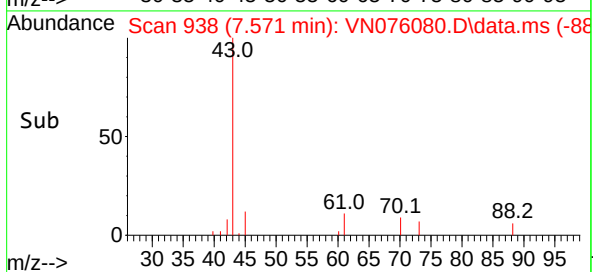
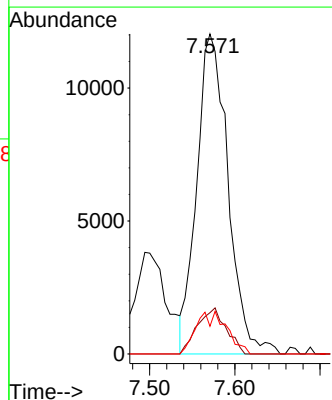
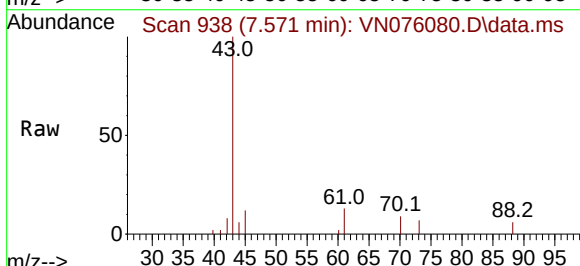
Tgt Ion: 43 Resp: 30733

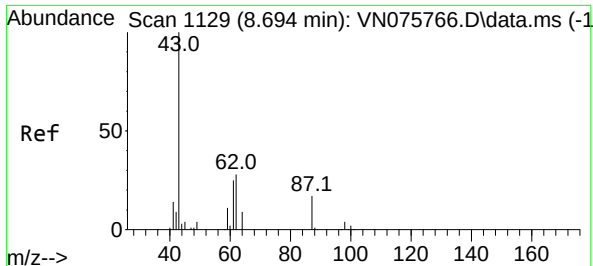
Ion Ratio Lower Upper

43 100

61 13.2 13.0 19.4

70 6.5 9.4 14.0#





#43

Isopropyl Acetate

Concen: 31.101 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN076080.D

Acq: 04 Jan 2023 14:41

Instrument :

MSVOA_N

ClientSampleId :

PB150013ZHE#01

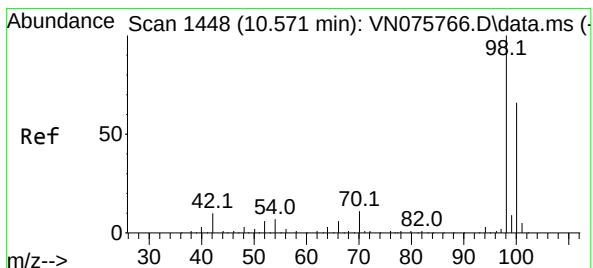
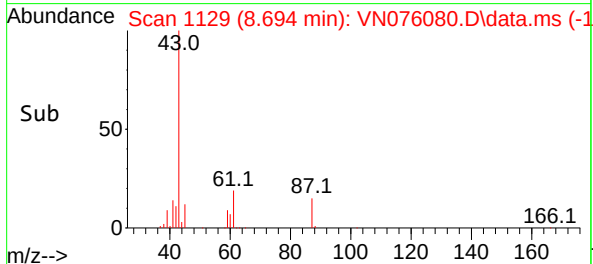
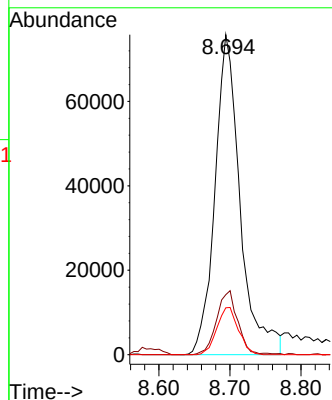
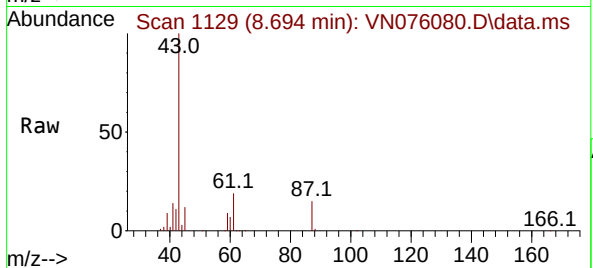
Tgt Ion: 43 Resp: 186416

Ion Ratio Lower Upper

43 100

61 16.8 24.2 36.4#

87 12.6 13.3 19.9#



#50

Toluene-d8

Concen: 51.188 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076080.D

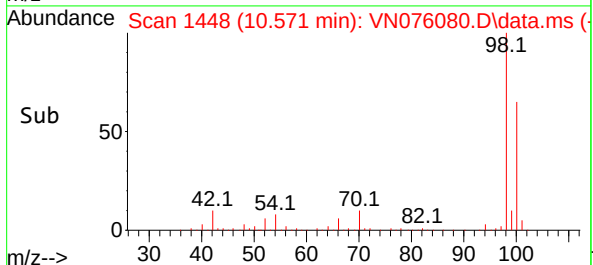
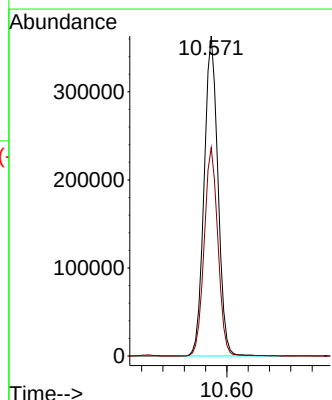
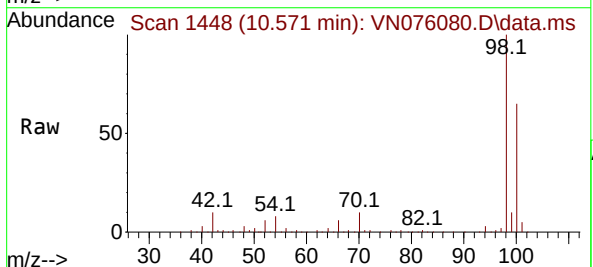
Acq: 04 Jan 2023 14:41

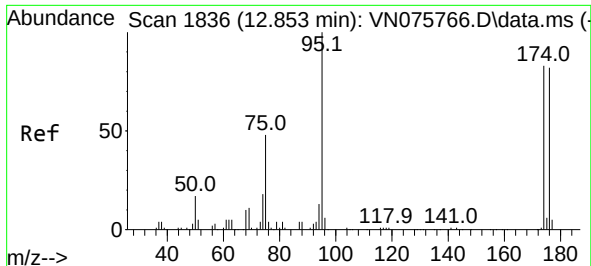
Tgt Ion: 98 Resp: 651741

Ion Ratio Lower Upper

98 100

100 64.8 52.1 78.1

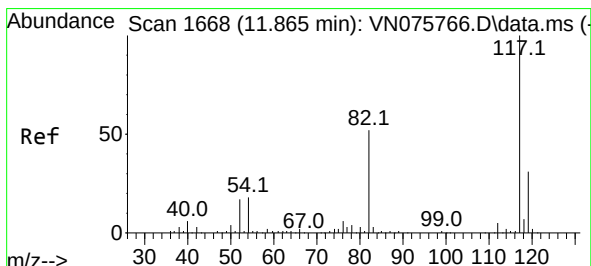
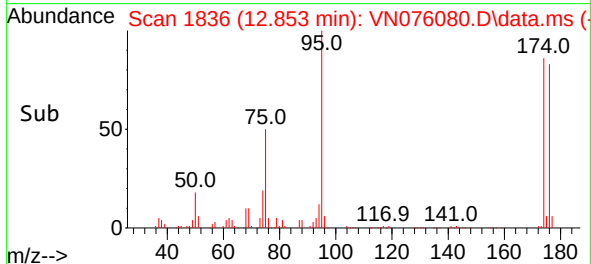
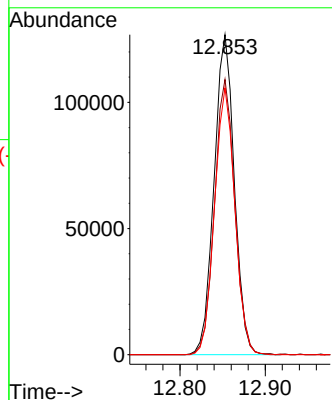
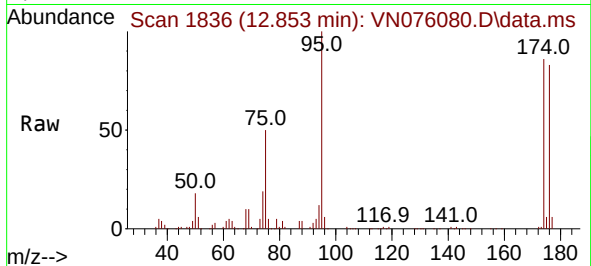




#62
4-Bromofluorobenzene
Concen: 49.626 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076080.D
Acq: 04 Jan 2023 14:41

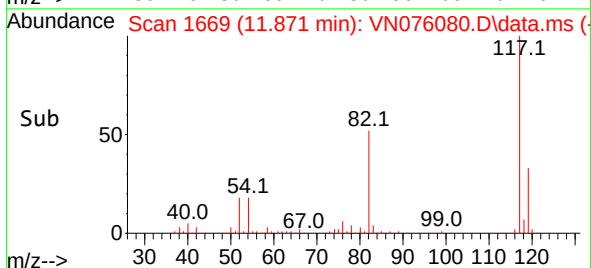
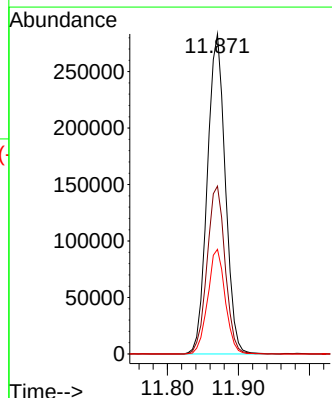
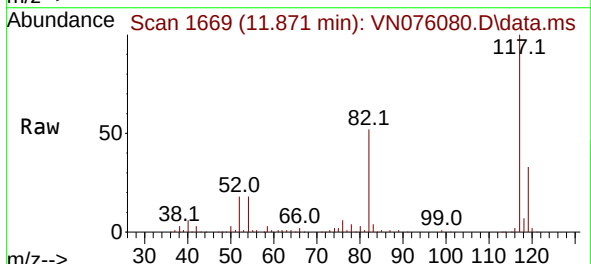
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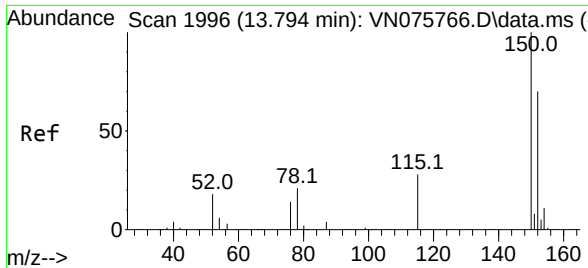
Tgt Ion: 95 Resp: 209273
Ion Ratio Lower Upper
95 100
174 86.1 0.0 171.6
176 83.8 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076080.D
Acq: 04 Jan 2023 14:41

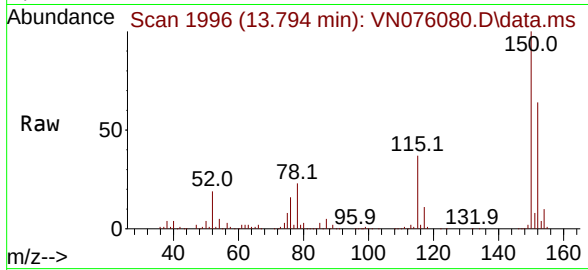
Tgt Ion: 117 Resp: 498453
Ion Ratio Lower Upper
117 100
82 52.5 41.3 61.9
119 32.7 24.6 37.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN076080.D
 Acq: 04 Jan 2023 14:41

Instrument :
 MSVOA_N
 ClientSampleId :
 PB150013ZHE#01



Tgt Ion:152 Resp: 209321

Ion	Ratio	Lower	Upper
152	100		
115	56.8	29.1	87.4
150	156.3	0.0	347.0

