

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122322\
 Data File : VN075968.D
 Acq On : 23 Dec 2022 15:58
 Operator : JC\MD
 Sample : PB149839ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149839ZHE#03

Quant Time: Dec 26 04:34:38 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)

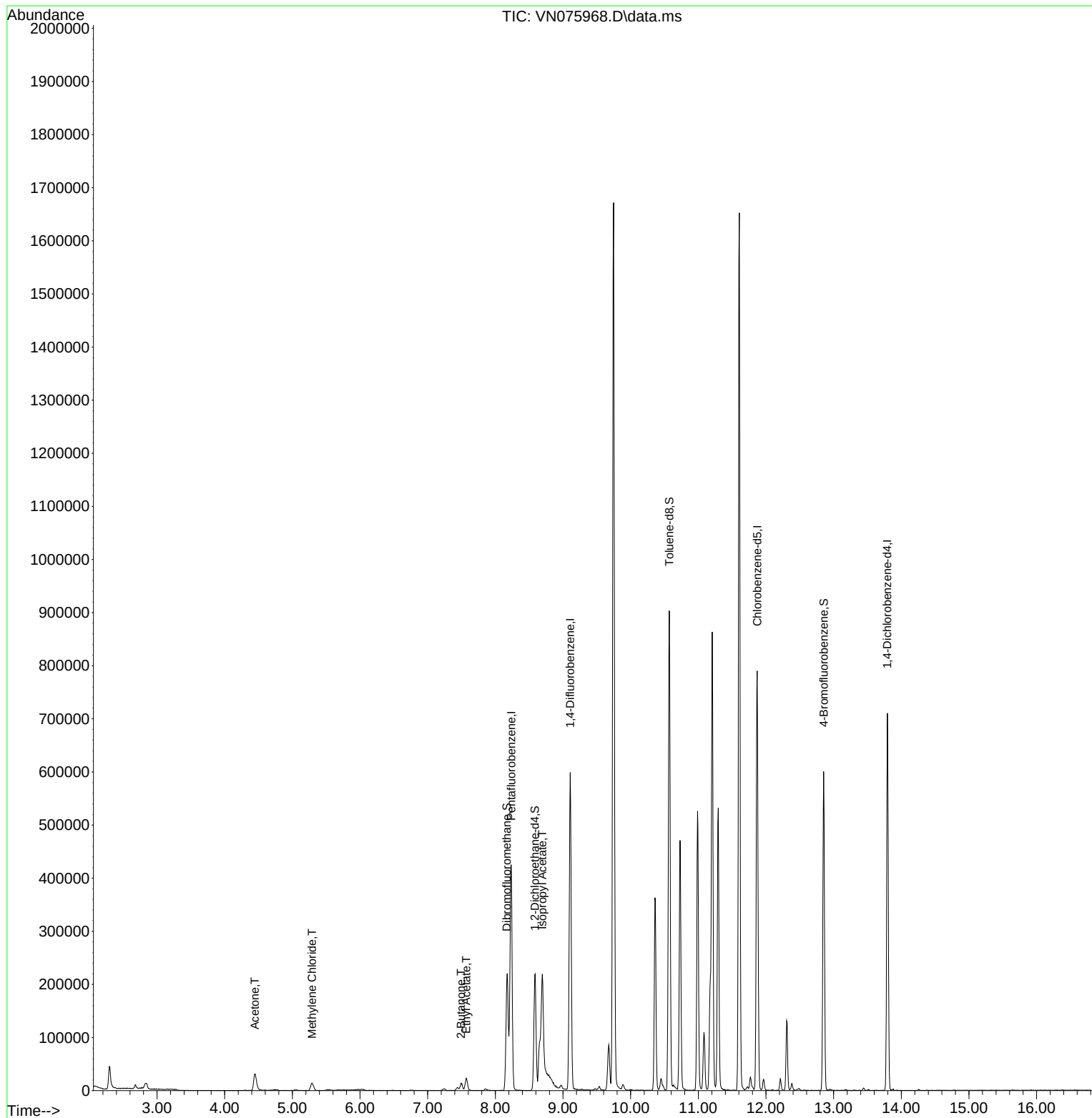
Internal Standards						
1) Pentafluorobenzene	8.236	168	332576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	545945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	486983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	197362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	177000	48.920	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.840%
35) Dibromofluoromethane	8.171	113	158696	46.938	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.880%
50) Toluene-d8	10.571	98	636063	50.317	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.640%
62) 4-Bromofluorobenzene	12.853	95	198918	47.510	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.020%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	61348	49.187	ug/l	97
20) Methylene Chloride	5.289	84	12105	3.026	ug/l	87
25) 2-Butanone	7.494	43	20983	12.015	ug/l	91
37) Ethyl Acetate	7.571	43	33319	9.236	ug/l	97
43) Isopropyl Acetate	8.694	43	330067	55.464	ug/l #	72

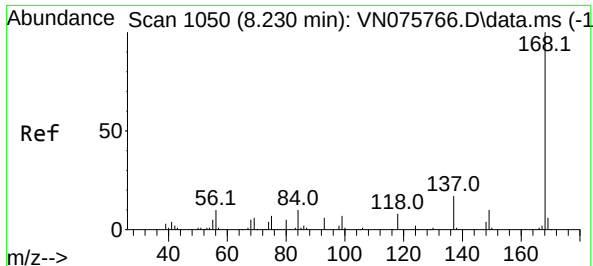
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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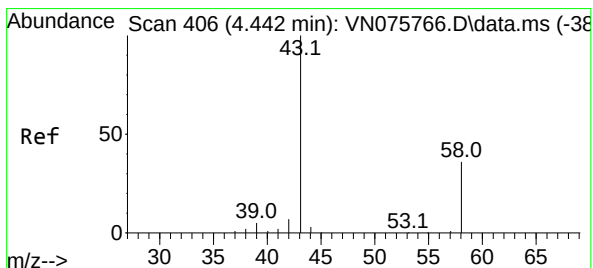
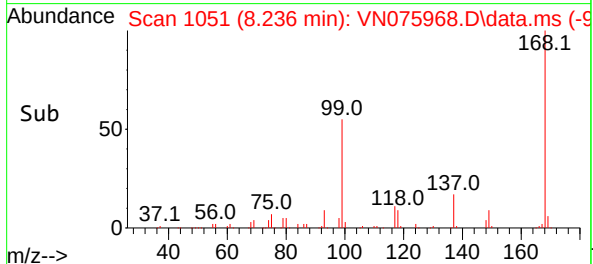
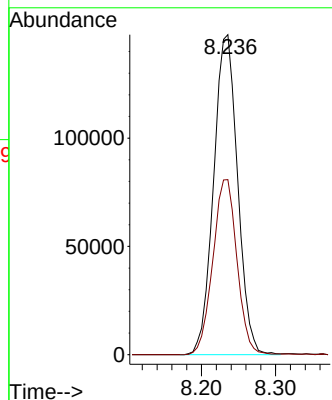
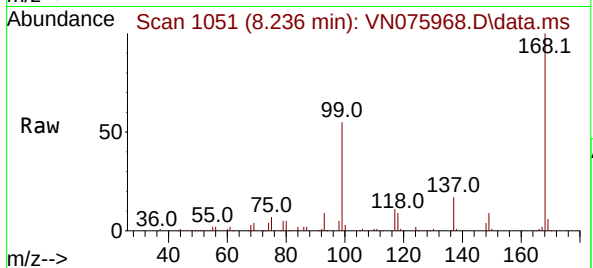




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VN075968.D
Acq: 23 Dec 2022 15:58

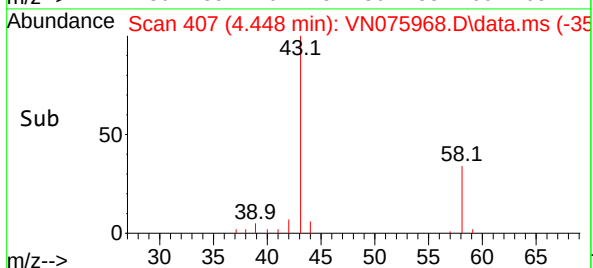
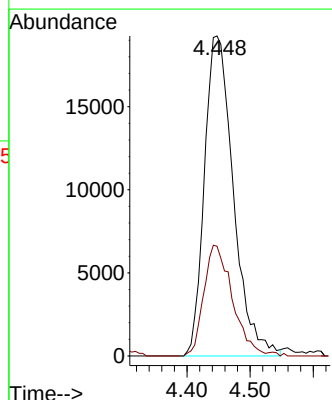
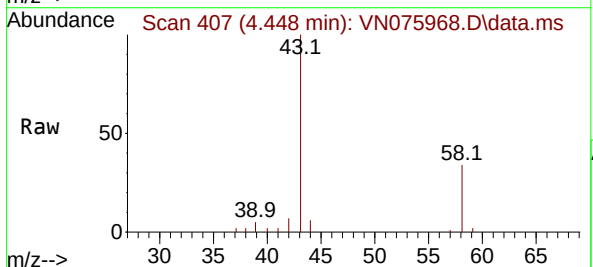
Instrument :
MSVOA_N
ClientSampleId :
PB149839ZHE#03

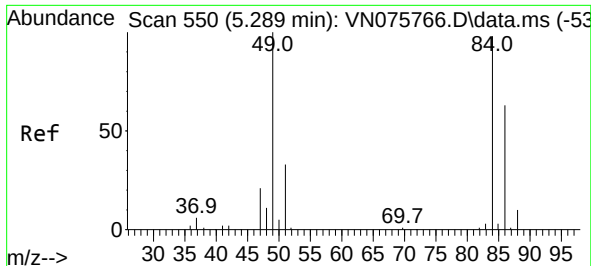
Tgt Ion:168 Resp: 332576
Ion Ratio Lower Upper
168 100
99 54.7 44.2 66.4



#16
Acetone
Concen: 49.187 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN075968.D
Acq: 23 Dec 2022 15:58

Tgt Ion: 43 Resp: 61348
Ion Ratio Lower Upper
43 100
58 34.3 28.6 43.0

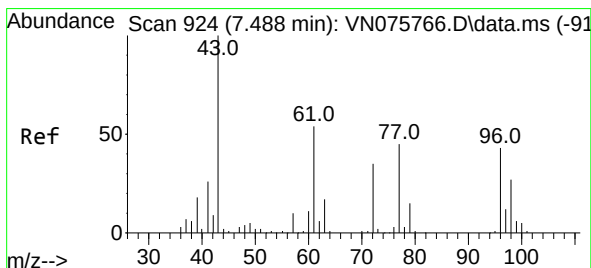
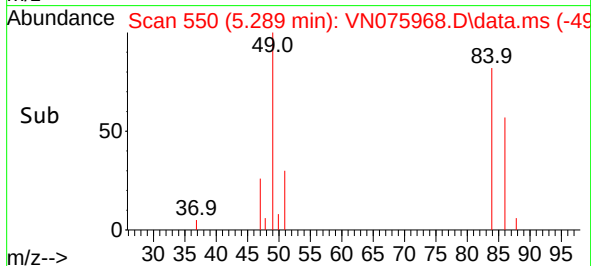
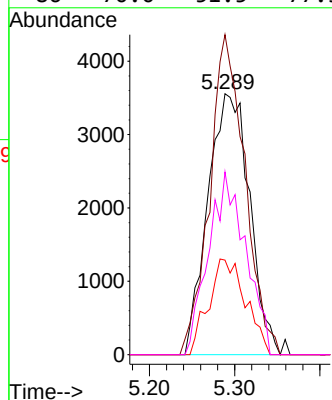
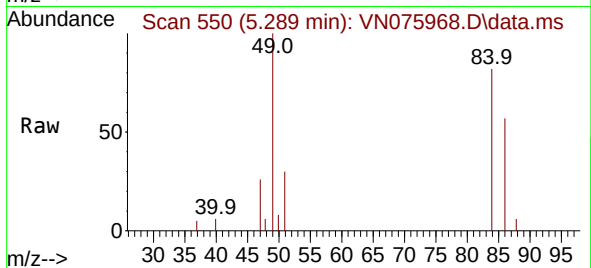




#20
Methylene Chloride
Concen: 3.026 ug/l
RT: 5.289 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN075968.D
Acq: 23 Dec 2022 15:58

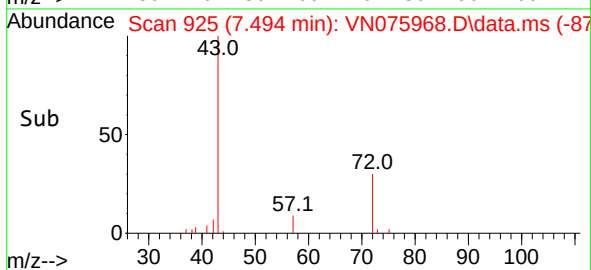
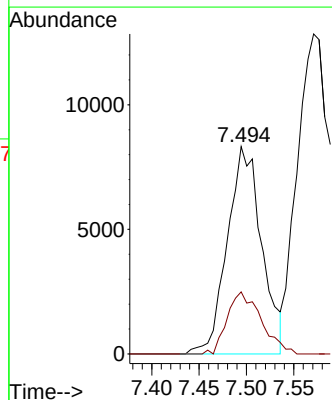
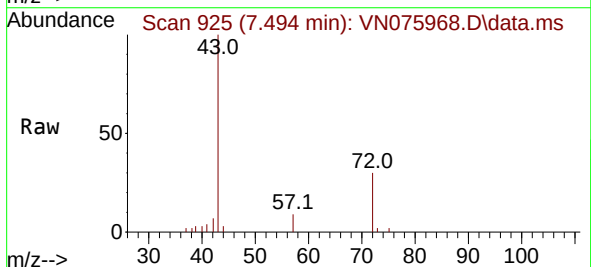
Instrument :
MSVOA_N
ClientSampleId :
PB149839ZHE#03

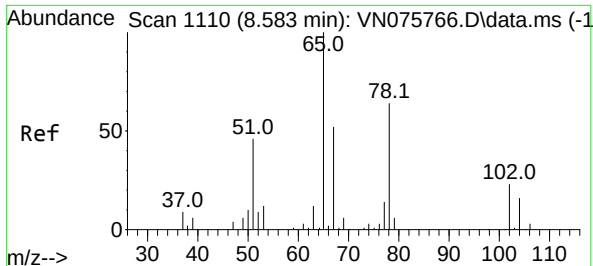
Tgt Ion: 84	Resp: 12105
Ion Ratio	Lower Upper
84 100	
49 122.6	81.8 122.6
51 36.3	26.7 40.1
86 70.0	51.5 77.3



#25
2-Butanone
Concen: 12.015 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.006 min
Lab File: VN075968.D
Acq: 23 Dec 2022 15:58

Tgt Ion: 43	Resp: 20983
Ion Ratio	Lower Upper
43 100	
72 30.0	28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 48.920 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075968.D

Acq: 23 Dec 2022 15:58

Instrument :

MSVOA_N

ClientSampleId :

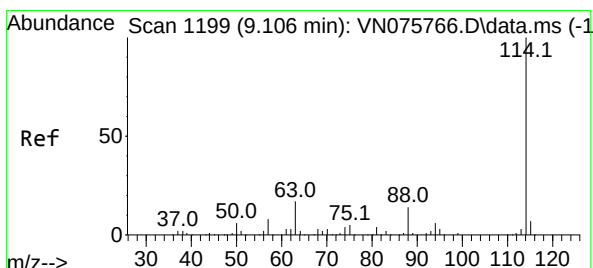
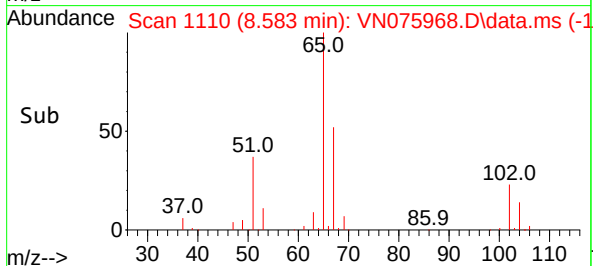
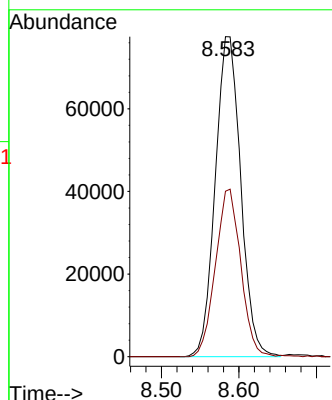
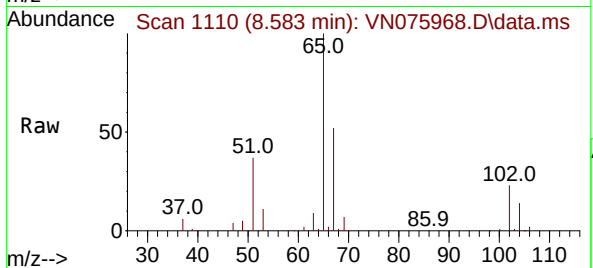
PB149839ZHE#03

Tgt Ion: 65 Resp: 177000

Ion Ratio Lower Upper

65 100

67 52.2 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: VN075968.D

Acq: 23 Dec 2022 15:58

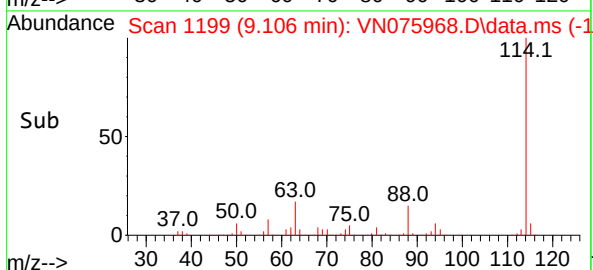
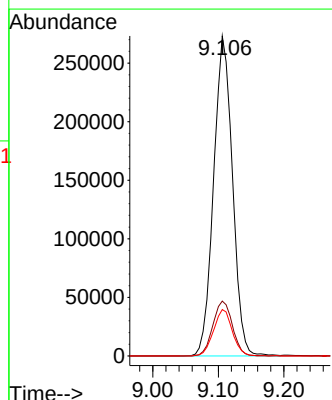
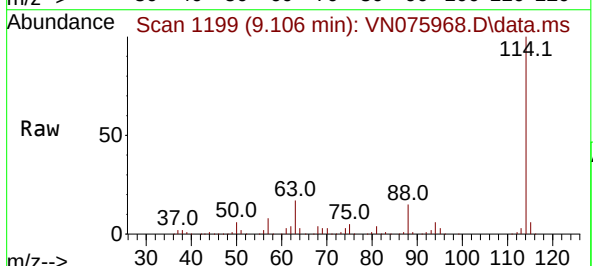
Tgt Ion: 114 Resp: 545945

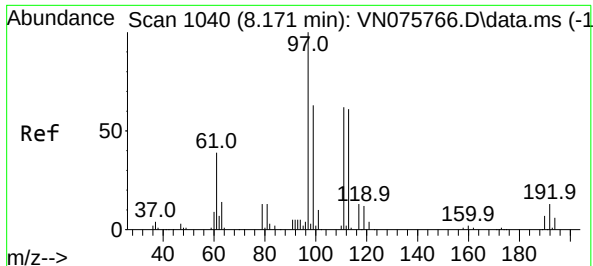
Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.4

88 14.5 0.0 28.8





#35

Dibromofluoromethane

Concen: 46.938 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075968.D

Acq: 23 Dec 2022 15:58

Instrument :

MSVOA_N

ClientSampleId :

PB149839ZHE#03

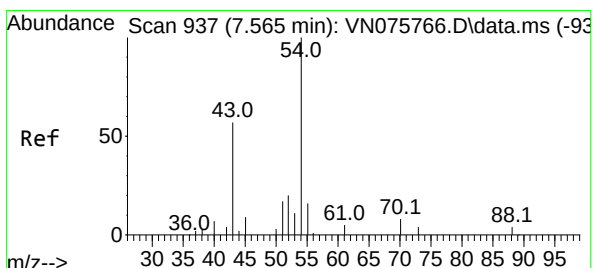
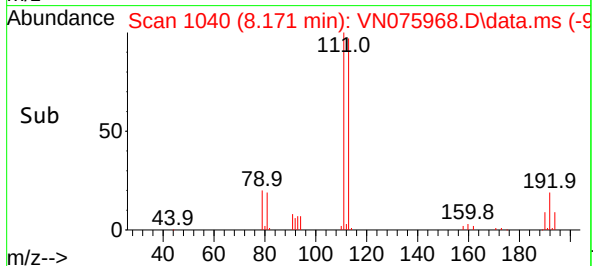
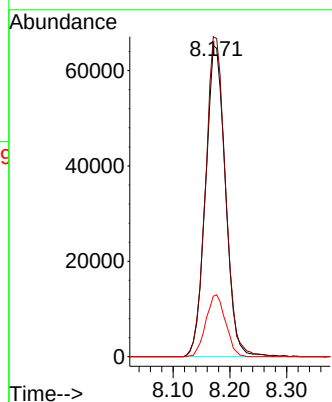
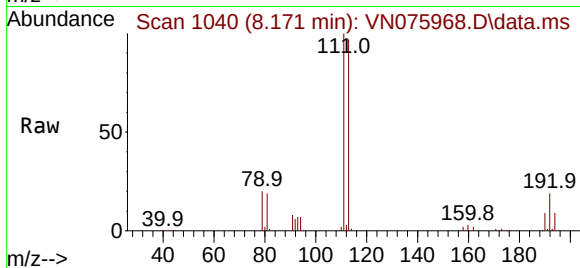
Tgt Ion:113 Resp: 158696

Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.2

192 19.7 16.1 24.1



#37

Ethyl Acetate

Concen: 9.236 ug/l

RT: 7.571 min Scan# 938

Delta R.T. 0.006 min

Lab File: VN075968.D

Acq: 23 Dec 2022 15:58

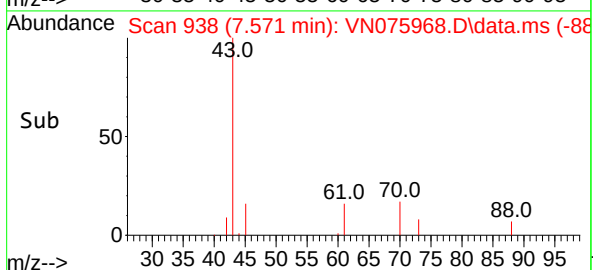
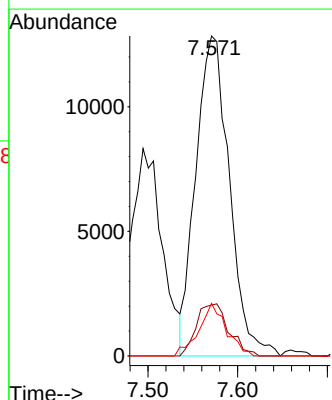
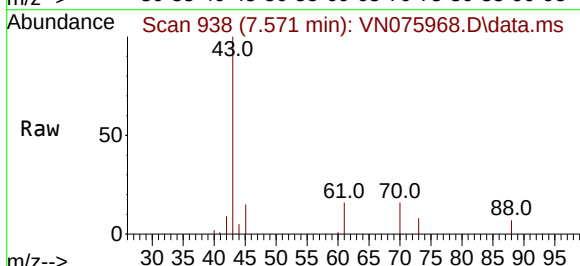
Tgt Ion: 43 Resp: 33319

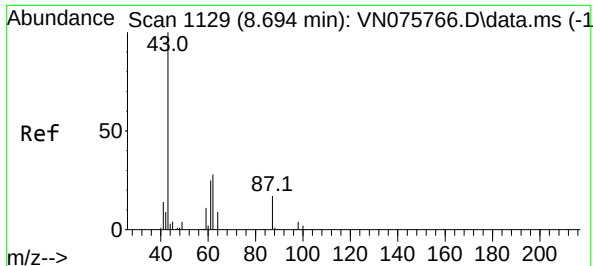
Ion Ratio Lower Upper

43 100

61 15.7 13.0 19.4

70 13.4 9.4 14.0

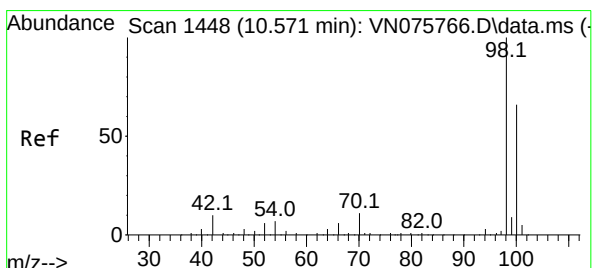
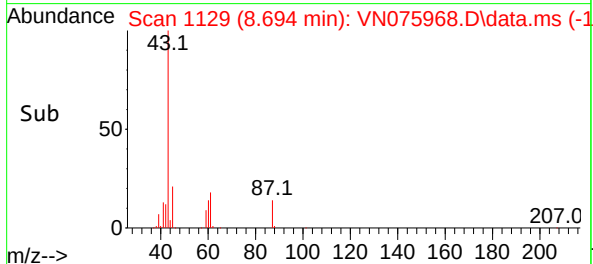
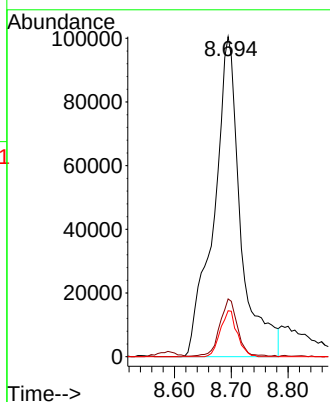
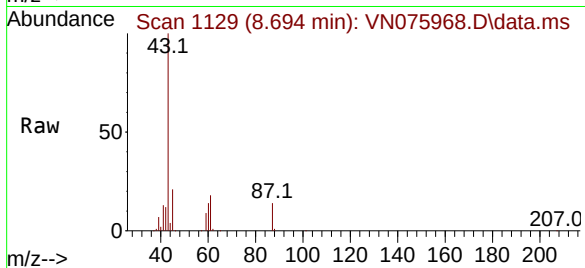




#43
Isopropyl Acetate
Concen: 55.464 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075968.D
Acq: 23 Dec 2022 15:58

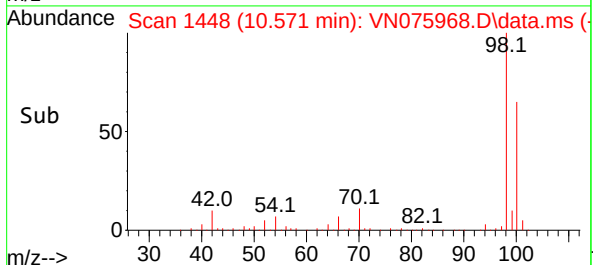
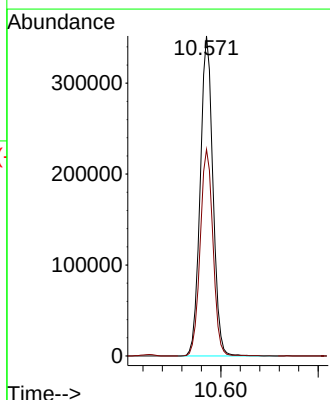
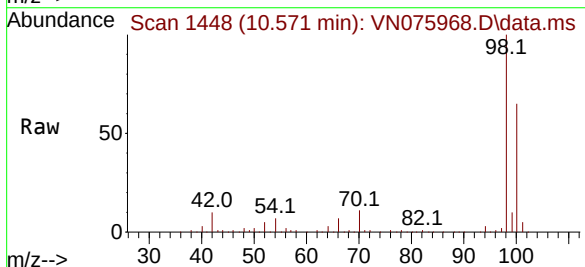
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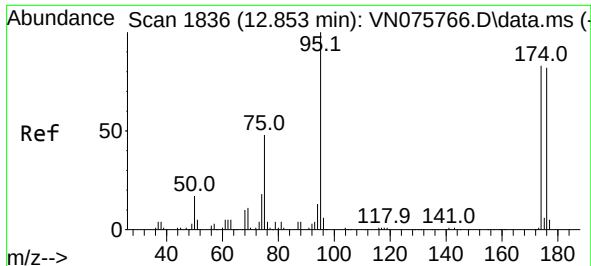
Tgt Ion: 43 Resp: 330067
Ion Ratio Lower Upper
43 100
61 11.7 24.2 36.4#
87 9.0 13.3 19.9#



#50
Toluene-d8
Concen: 50.317 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075968.D
Acq: 23 Dec 2022 15:58

Tgt Ion: 98 Resp: 636063
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1

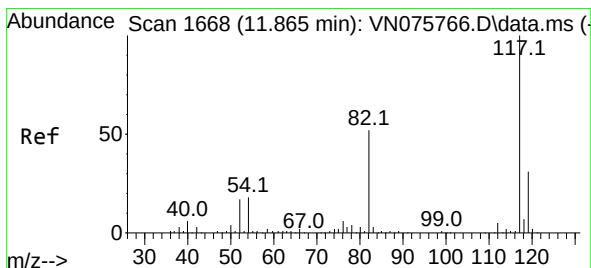
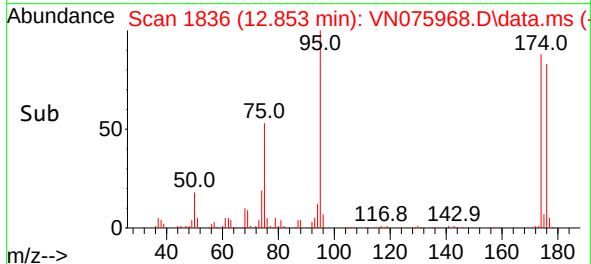
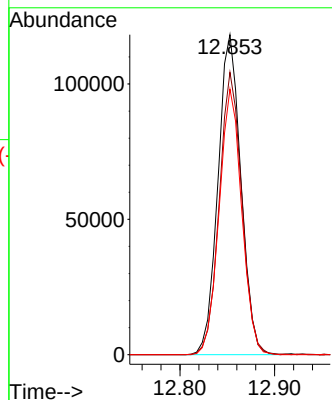
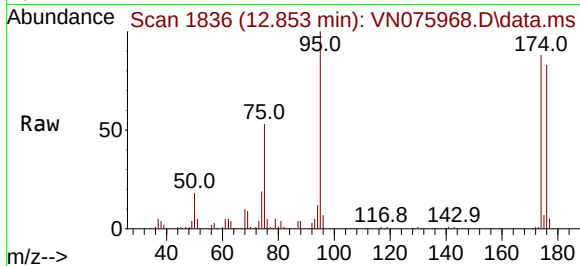




#62
4-Bromofluorobenzene
Concen: 47.510 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075968.D
Acq: 23 Dec 2022 15:58

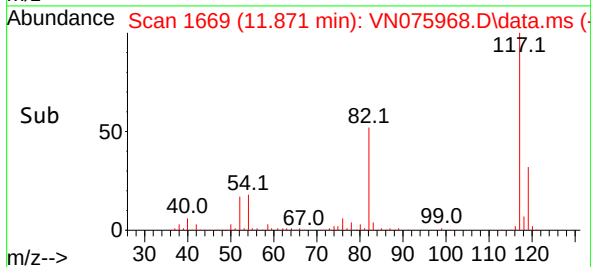
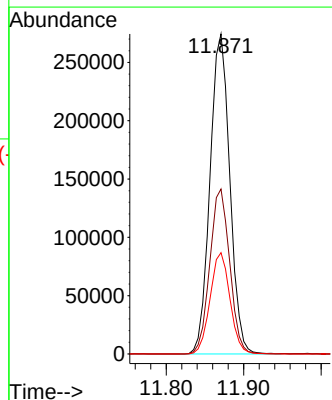
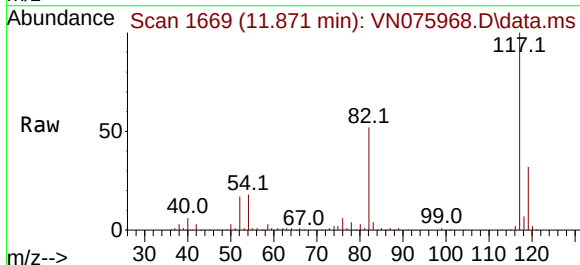
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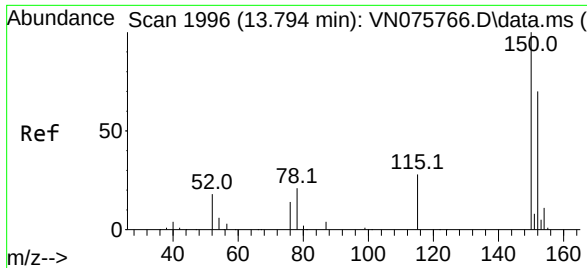
Tgt Ion: 95 Resp: 198918
Ion Ratio Lower Upper
95 100
174 86.8 0.0 171.6
176 81.8 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075968.D
Acq: 23 Dec 2022 15:58

Tgt Ion: 117 Resp: 486983
Ion Ratio Lower Upper
117 100
82 51.5 41.3 61.9
119 31.6 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: VN075968.D

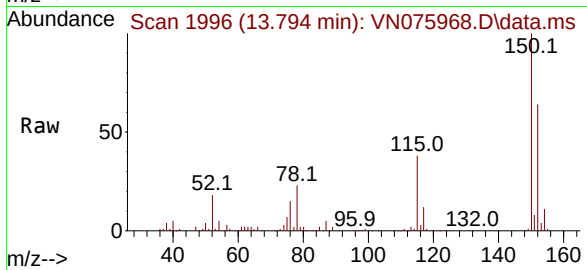
Acq: 23 Dec 2022 15:58

Instrument :

MSVOA_N

ClientSampleId :

PB149839ZHE#03



Tgt Ion:152 Resp: 197362

Ion Ratio Lower Upper

152 100

115 58.3 29.1 87.4

150 156.2 0.0 347.0

