

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
 Data File : VN076023.D
 Acq On : 29 Dec 2022 01:19
 Operator : JC\MD
 Sample : PB149923ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149923ZHE#04

Quant Time: Dec 29 07:49:17 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)

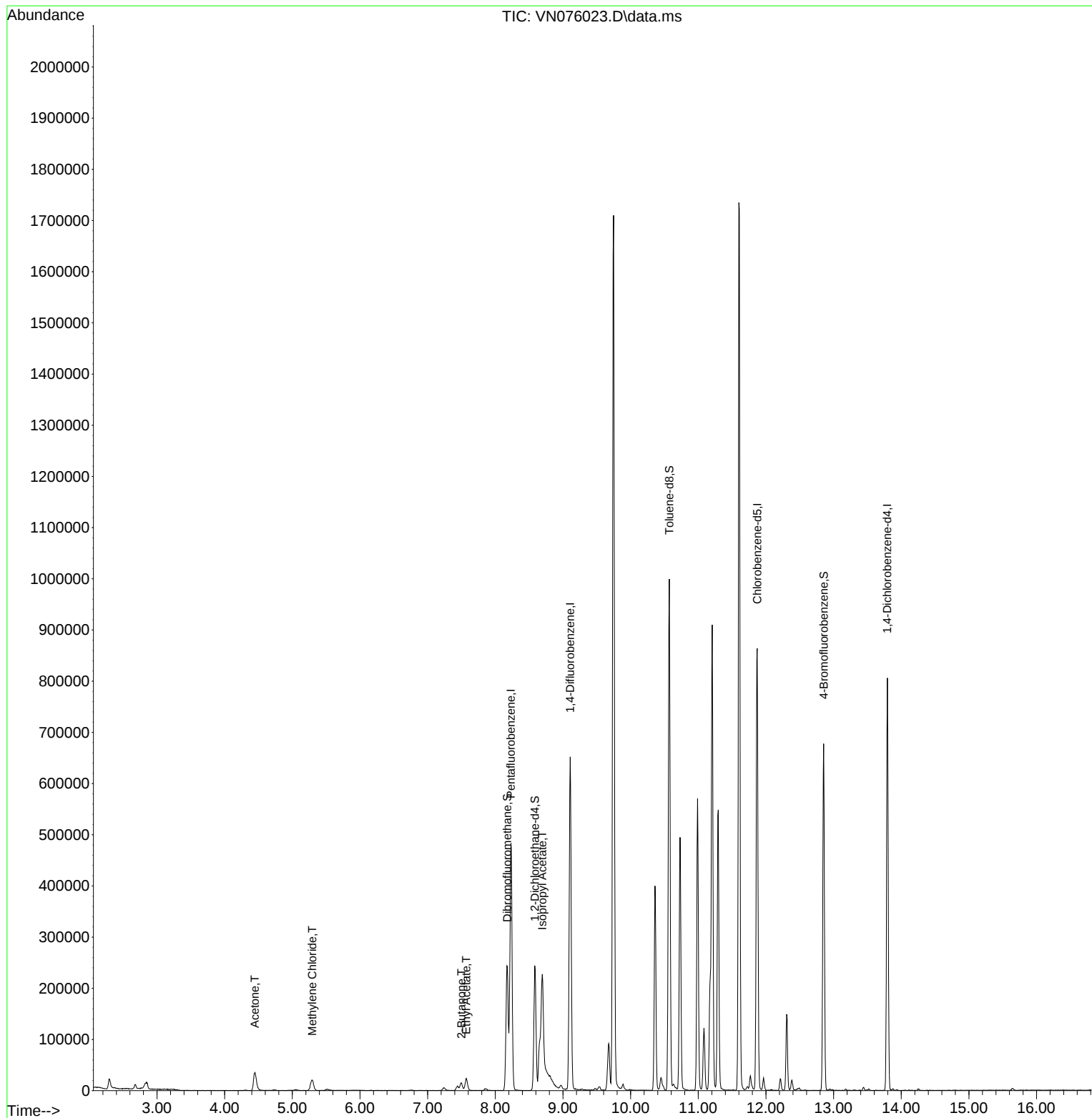
Internal Standards						
1) Pentafluorobenzene	8.230	168	378086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	603617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	533247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	227164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	194780	47.355	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.700%
35) Dibromofluoromethane	8.177	113	175295	46.894	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.780%
50) Toluene-d8	10.571	98	705286	50.463	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.920%
62) 4-Bromofluorobenzene	12.853	95	221559	47.862	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.720%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	69176	48.787	ug/l	93
20) Methylene Chloride	5.295	84	18405	4.267	ug/l	89
25) 2-Butanone	7.501	43	23778	11.977	ug/l	97
37) Ethyl Acetate	7.571	43	34324	8.605	ug/l	98
43) Isopropyl Acetate	8.695	43	361477	54.939	ug/l #	71

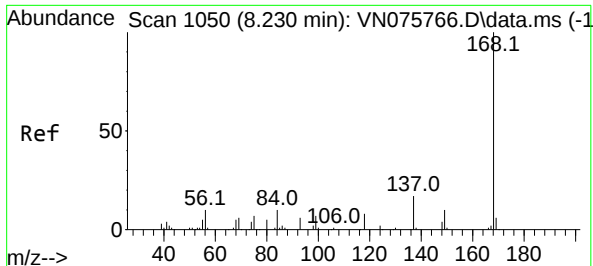
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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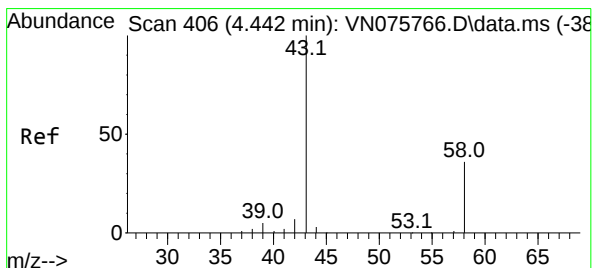
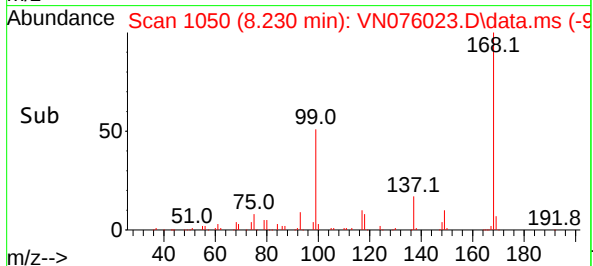
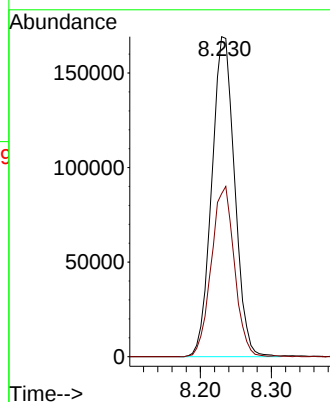
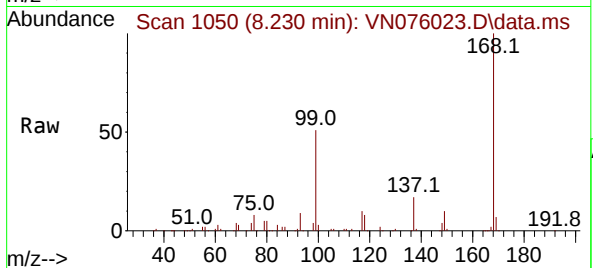




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076023.D
Acq: 29 Dec 2022 01:19

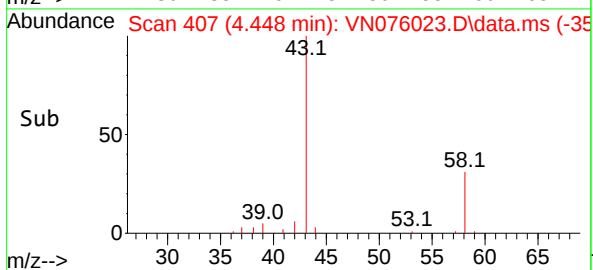
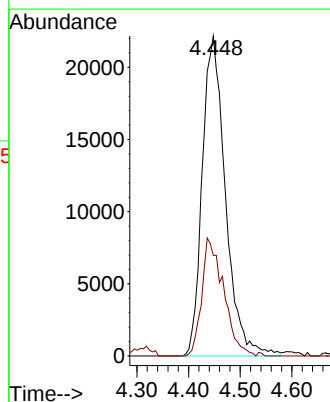
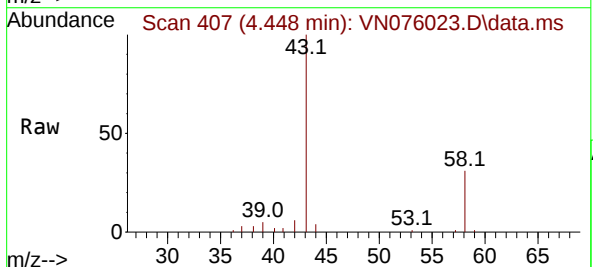
Instrument :
MSVOA_N
ClientSampleId :
PB149923ZHE#04

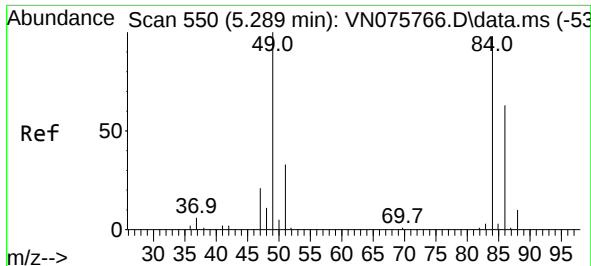
Tgt Ion:168 Resp: 378086
Ion Ratio Lower Upper
168 100
99 51.0 44.2 66.4



#16
Acetone
Concen: 48.787 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076023.D
Acq: 29 Dec 2022 01:19

Tgt Ion: 43 Resp: 69176
Ion Ratio Lower Upper
43 100
58 31.5 28.6 43.0

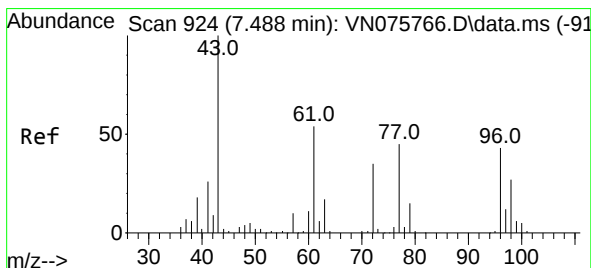
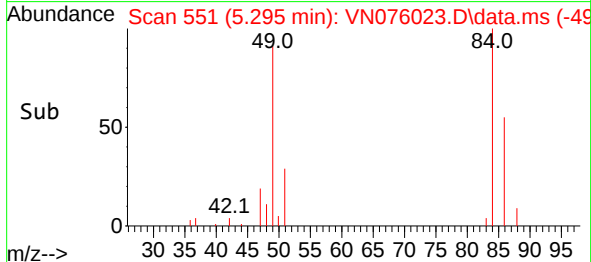
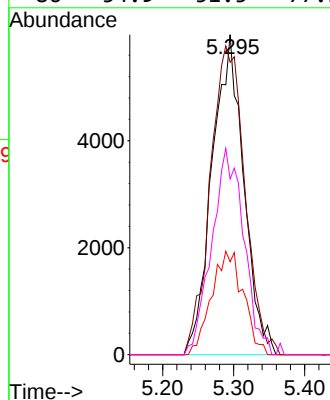
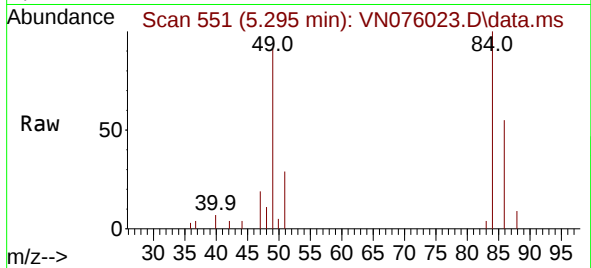




#20
Methylene Chloride
Concen: 4.267 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076023.D
Acq: 29 Dec 2022 01:19

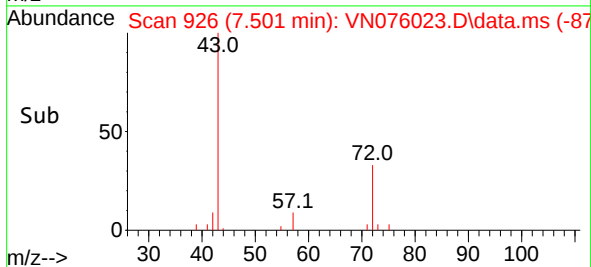
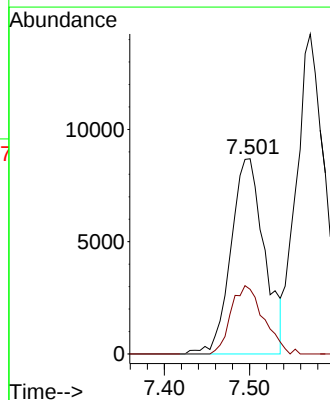
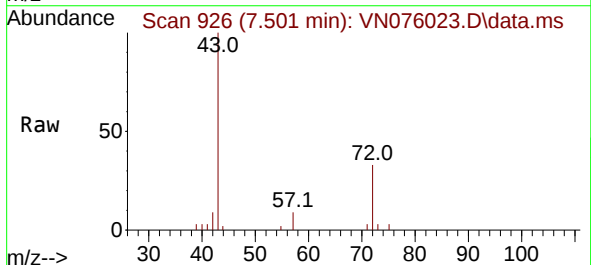
Instrument :
MSVOA_N
ClientSampleId :
PB149923ZHE#04

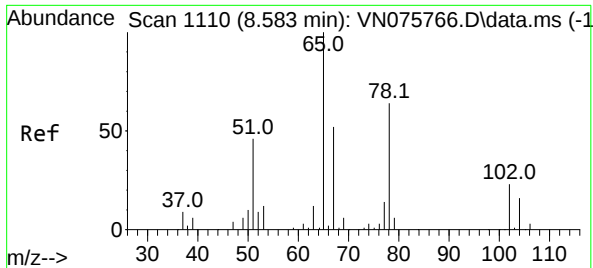
Tgt Ion: 84	Resp: 18405
Ion Ratio	Lower Upper
84 100	
49 91.4	81.8 122.6
51 29.0	26.7 40.1
86 54.9	51.5 77.3



#25
2-Butanone
Concen: 11.977 ug/l
RT: 7.501 min Scan# 926
Delta R.T. 0.012 min
Lab File: VN076023.D
Acq: 29 Dec 2022 01:19

Tgt Ion: 43	Resp: 23778
Ion Ratio	Lower Upper
43 100	
72 33.1	28.0 42.0

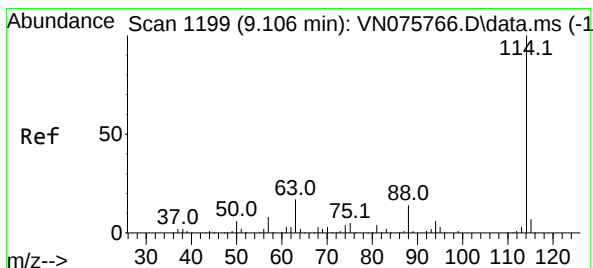
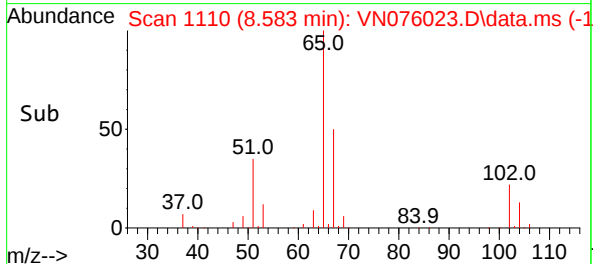
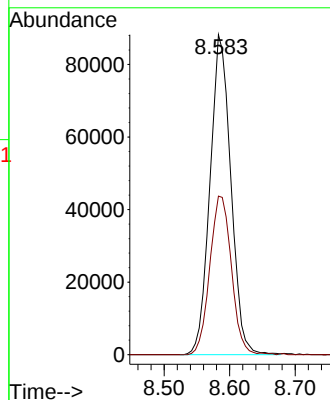
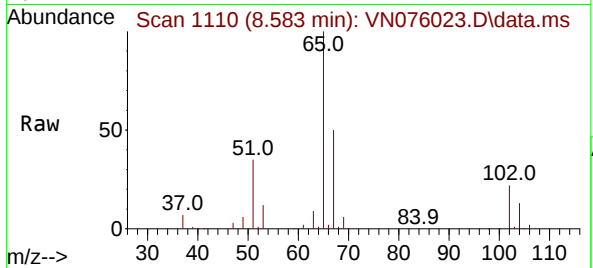




#33
 1,2-Dichloroethane-d4
 Concen: 47.355 ug/l
 RT: 8.583 min Scan# 1110
 Delta R.T. 0.000 min
 Lab File: VN076023.D
 Acq: 29 Dec 2022 01:19

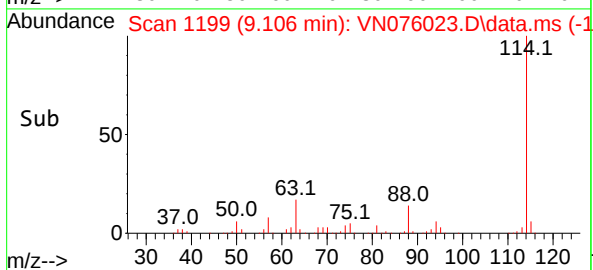
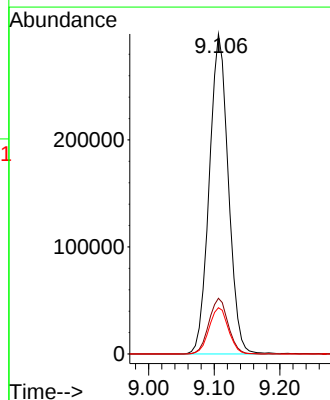
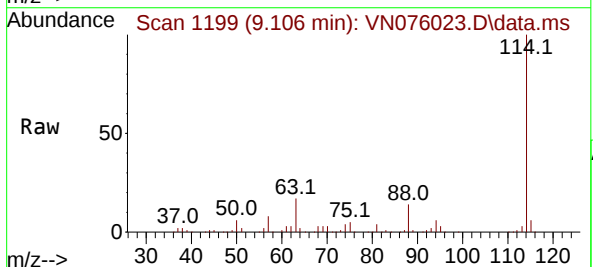
Instrument :
 MSVOA_N
 ClientSampleId :
 PB149923ZHE#04

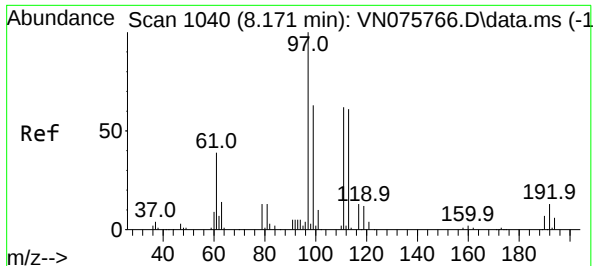
Tgt Ion: 65 Resp: 194780
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. 0.000 min
 Lab File: VN076023.D
 Acq: 29 Dec 2022 01:19

Tgt Ion: 114 Resp: 603617
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 34.4
 88 14.5 0.0 28.8

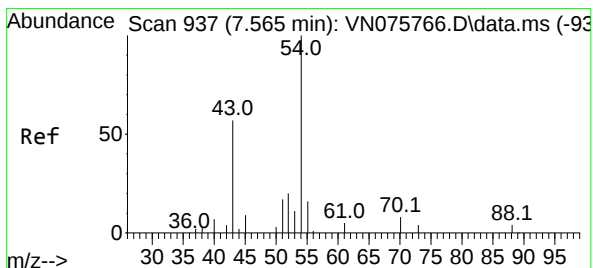
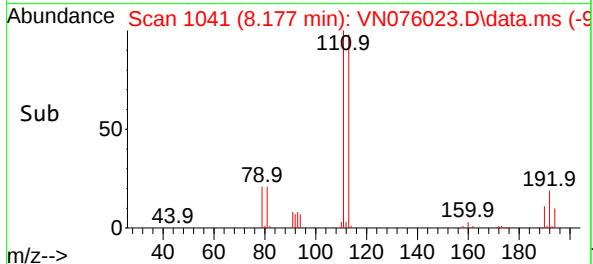
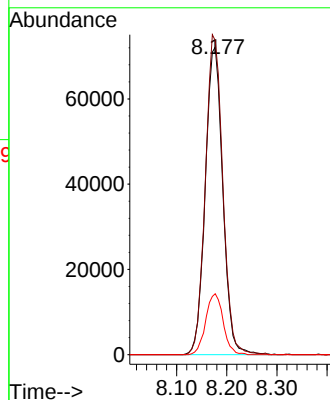
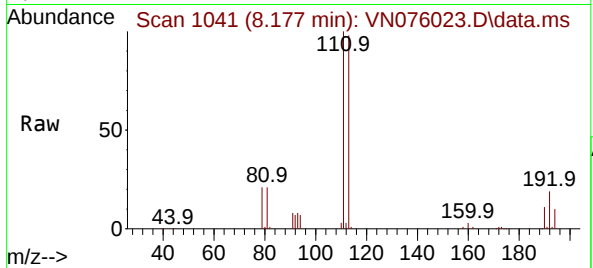




#35
Dibromofluoromethane
Concen: 46.894 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN076023.D
Acq: 29 Dec 2022 01:19

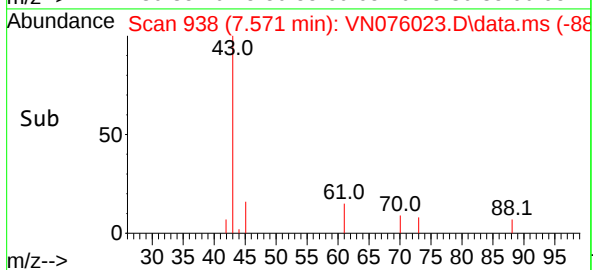
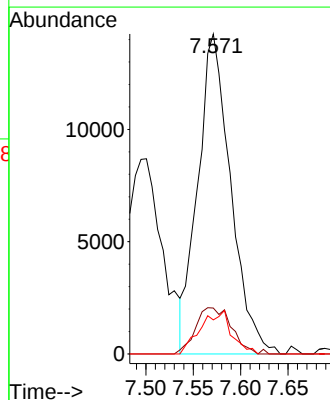
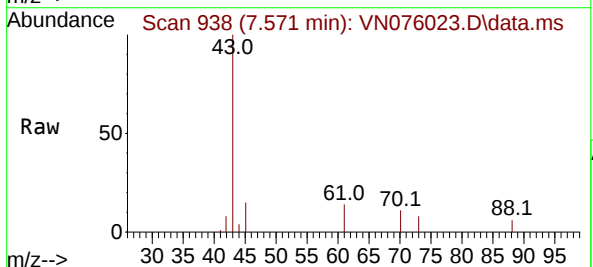
Instrument :
MSVOA_N
ClientSampleId :
PB149923ZHE#04

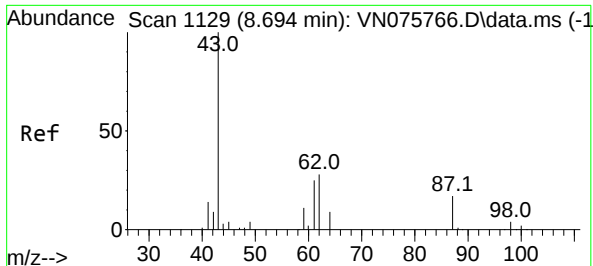
Tgt Ion:113 Resp: 175295
Ion Ratio Lower Upper
113 100
111 103.7 83.4 125.2
192 19.8 16.1 24.1



#37
Ethyl Acetate
Concen: 8.605 ug/l
RT: 7.571 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN076023.D
Acq: 29 Dec 2022 01:19

Tgt Ion: 43 Resp: 34324
Ion Ratio Lower Upper
43 100
61 15.8 13.0 19.4
70 12.7 9.4 14.0





#43

Isopropyl Acetate

Concen: 54.939 ug/l

RT: 8.695 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN076023.D

Acq: 29 Dec 2022 01:19

Instrument :

MSVOA_N

ClientSampleId :

PB149923ZHE#04

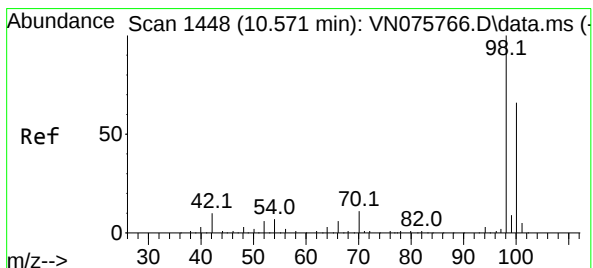
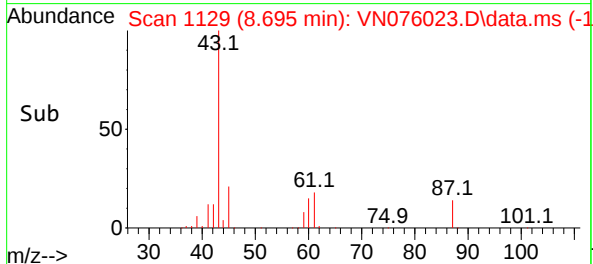
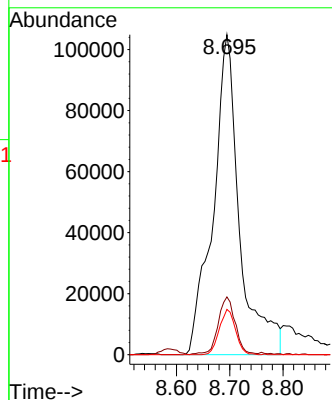
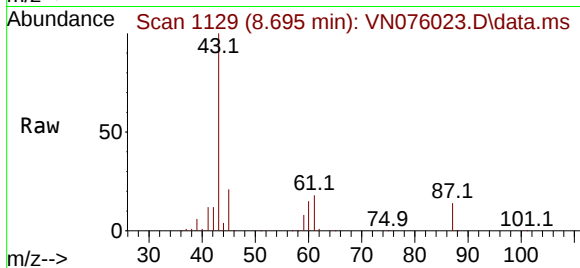
Tgt Ion: 43 Resp: 361477

Ion Ratio Lower Upper

43 100

61 11.8 24.2 36.4#

87 8.6 13.3 19.9#



#50

Toluene-d8

Concen: 50.463 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076023.D

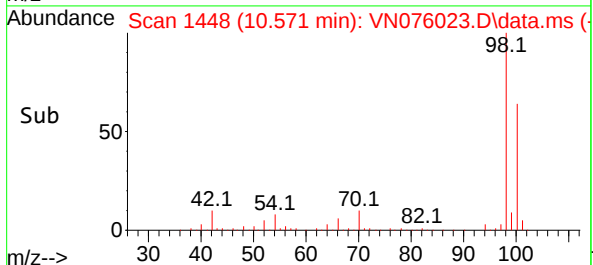
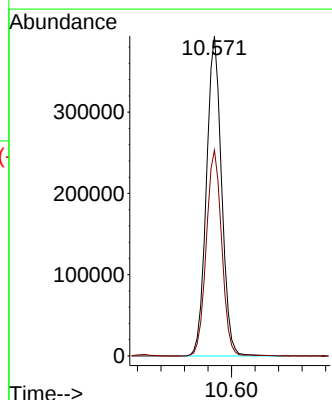
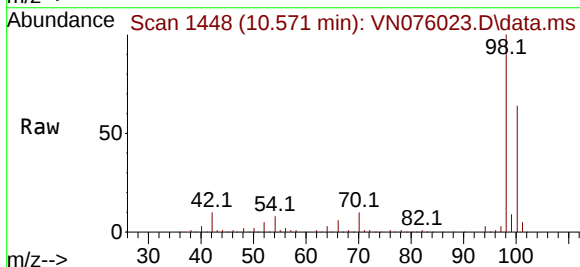
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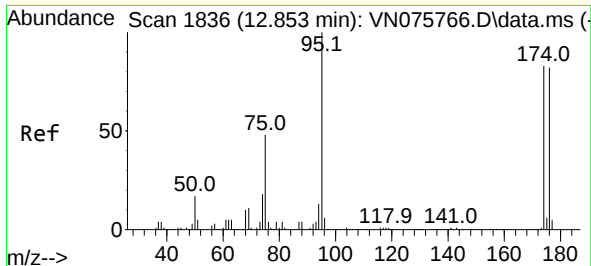
Tgt Ion: 98 Resp: 705286

Ion Ratio Lower Upper

98 100

100 65.5 52.1 78.1

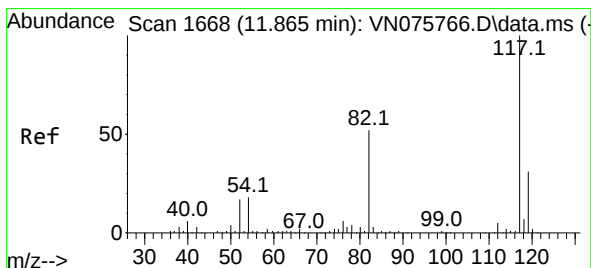
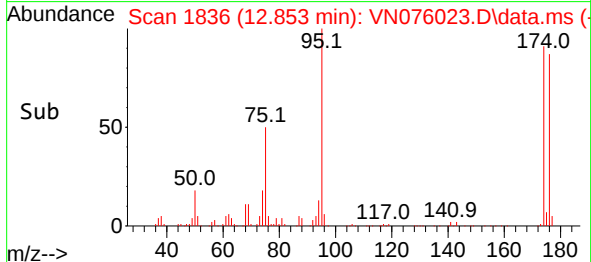
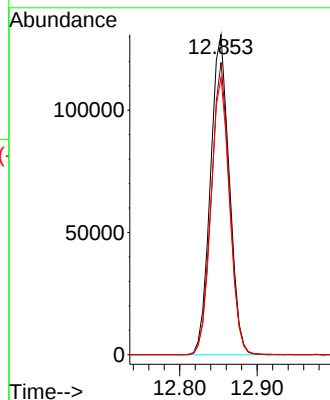
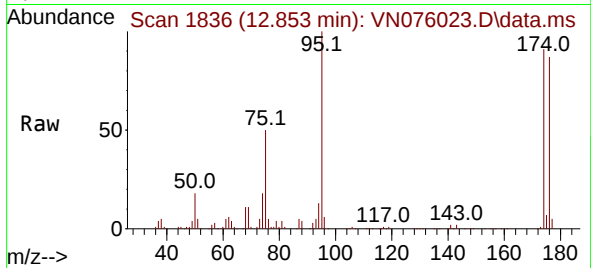




#62
4-Bromofluorobenzene
Concen: 47.862 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076023.D
Acq: 29 Dec 2022 01:19

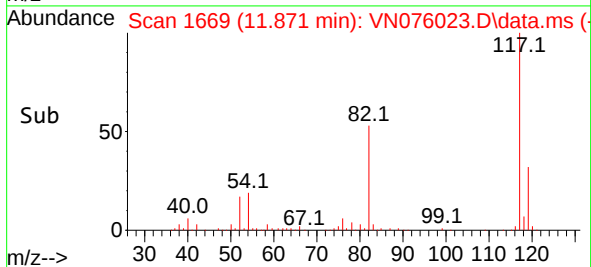
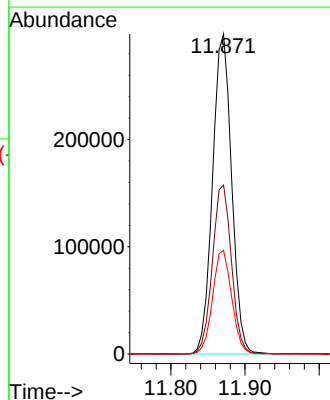
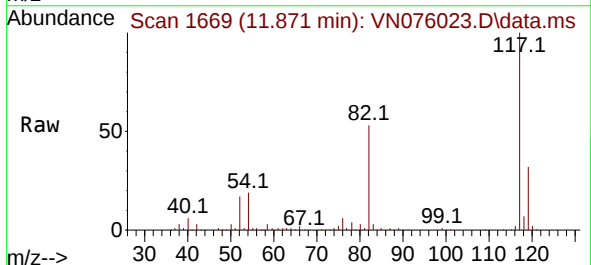
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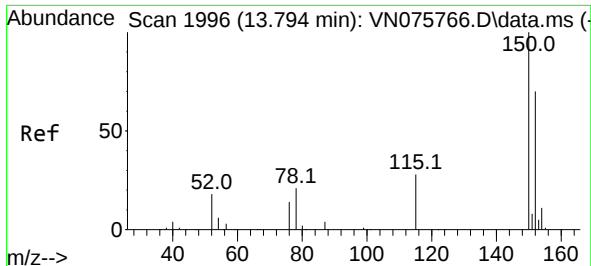
Tgt Ion: 95 Resp: 221559
Ion Ratio Lower Upper
95 100
174 88.3 0.0 171.6
176 85.1 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076023.D
Acq: 29 Dec 2022 01:19

Tgt Ion: 117 Resp: 533247
Ion Ratio Lower Upper
117 100
82 52.8 41.3 61.9
119 32.4 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: VN076023.D

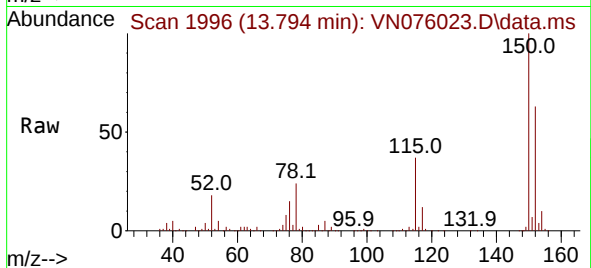
Acq: 29 Dec 2022 01:19

Instrument :

MSVOA_N

ClientSampleId :

PB149923ZHE#04



Tgt Ion:152 Resp: 227164

Ion Ratio Lower Upper

152 100

115 57.7 29.1 87.4

150 157.1 0.0 347.0

