

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
 Data File : VN076021.D
 Acq On : 29 Dec 2022 00:31
 Operator : JC\MD
 Sample : PB149923ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149923ZHE#02

Quant Time: Dec 29 07:48:47 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)

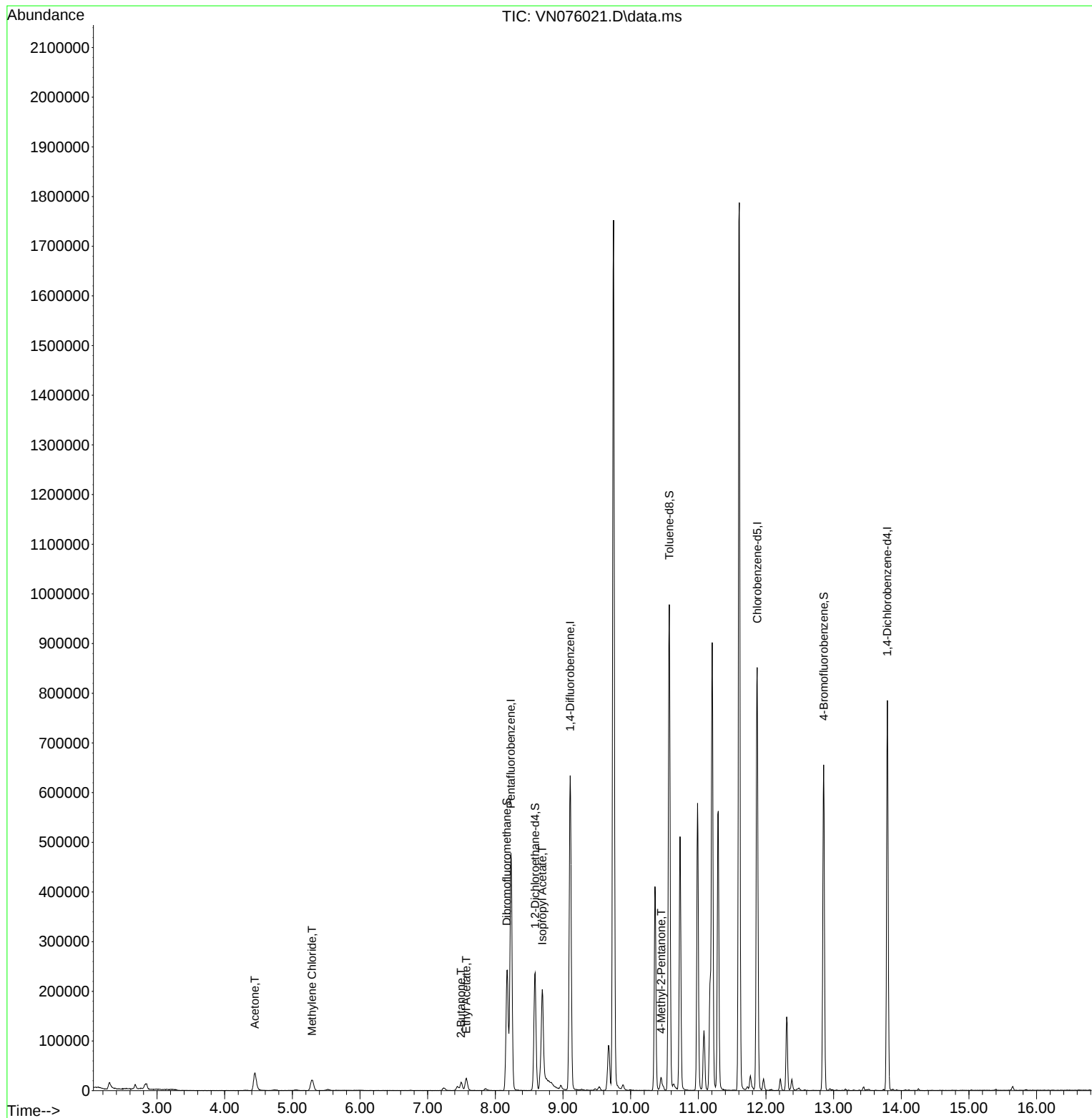
Internal Standards						
1) Pentafluorobenzene	8.230	168	378574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	597810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	527459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	220684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	190058	46.147	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	92.300%	
35) Dibromofluoromethane	8.171	113	174028	47.007	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	94.020%	
50) Toluene-d8	10.571	98	696421	50.312	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	100.620%	
62) 4-Bromofluorobenzene	12.853	95	218727	47.709	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	95.420%	
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	67492	47.538	ug/l	97
20) Methylene Chloride	5.289	84	19179	4.467	ug/l	97
25) 2-Butanone	7.494	43	24405	12.277	ug/l	92
37) Ethyl Acetate	7.571	43	36621	9.270	ug/l	98
43) Isopropyl Acetate	8.694	43	286953	44.036	ug/l #	77
51) 4-Methyl-2-Pentanone	10.453	43	22773	5.779	ug/l #	75

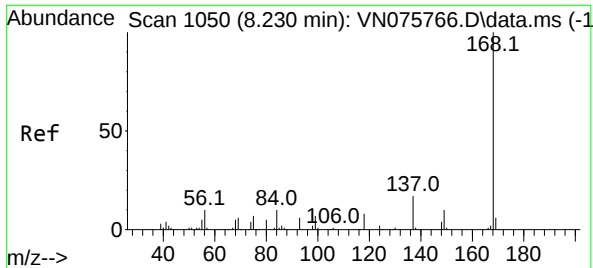
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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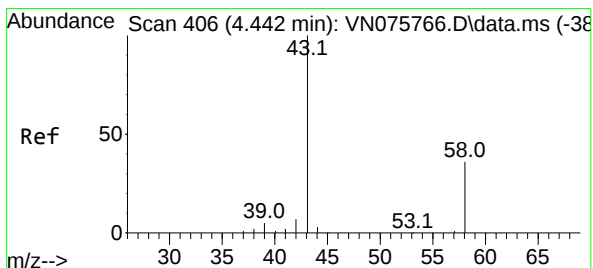
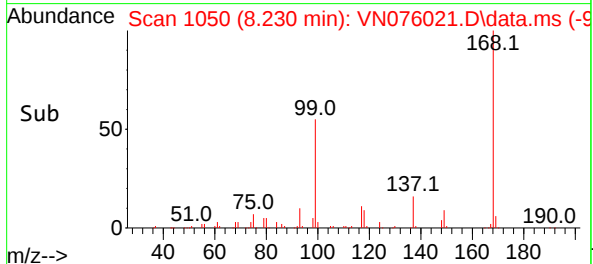
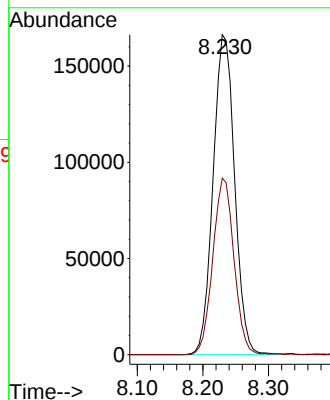
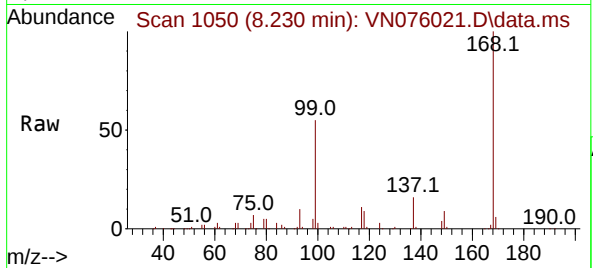




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076021.D
Acq: 29 Dec 2022 00:31

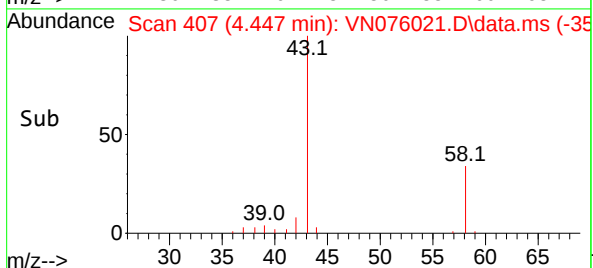
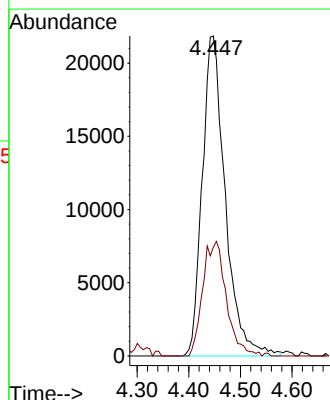
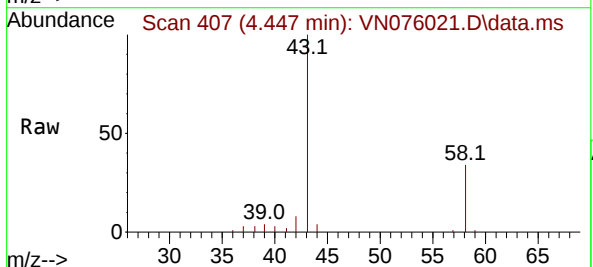
Instrument :
MSVOA_N
ClientSampleId :
PB149923ZHE#02

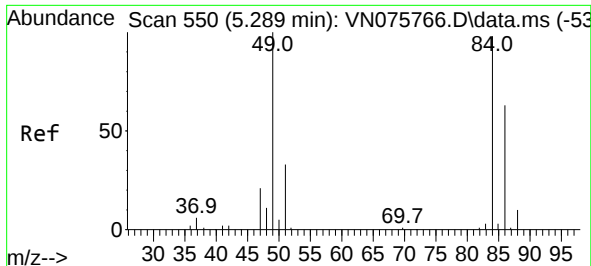
Tgt Ion:168 Resp: 378574
Ion Ratio Lower Upper
168 100
99 55.1 44.2 66.4



#16
Acetone
Concen: 47.538 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076021.D
Acq: 29 Dec 2022 00:31

Tgt Ion: 43 Resp: 67492
Ion Ratio Lower Upper
43 100
58 34.0 28.6 43.0

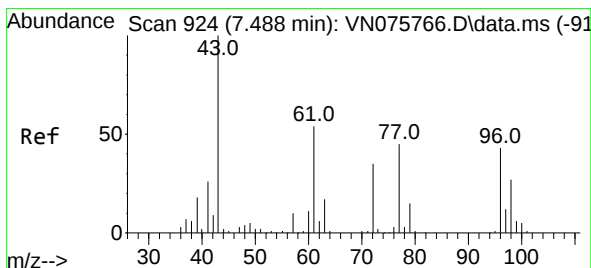
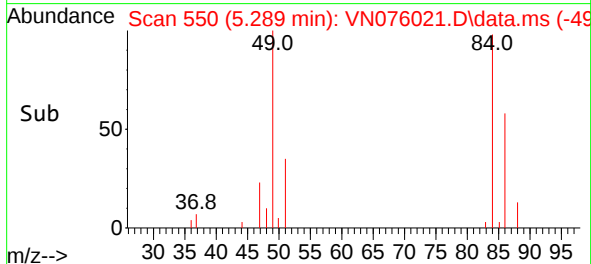
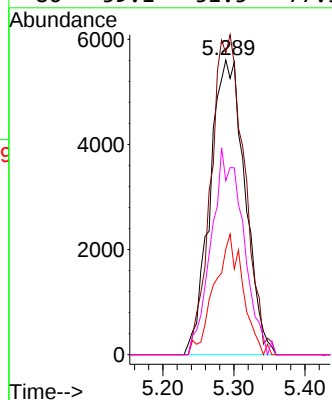
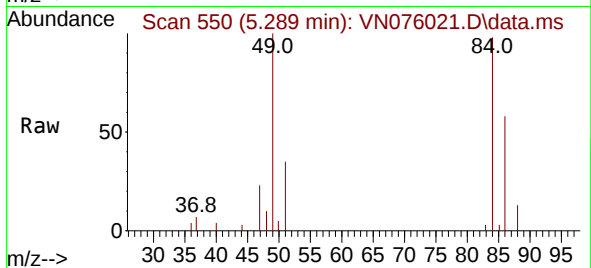




#20
Methylene Chloride
Concen: 4.467 ug/l
RT: 5.289 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN076021.D
Acq: 29 Dec 2022 00:31

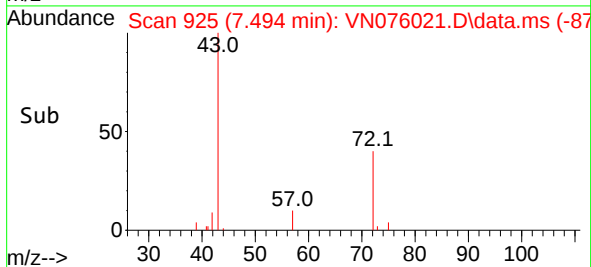
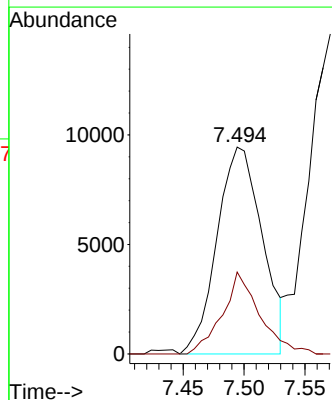
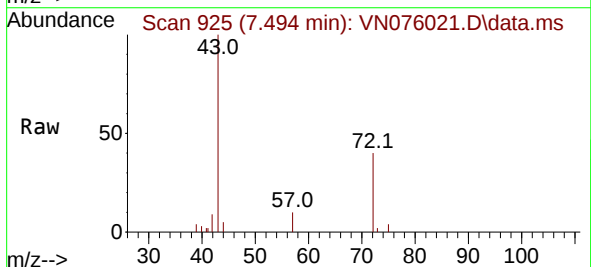
Instrument :
MSVOA_N
ClientSampleId :
PB149923ZHE#02

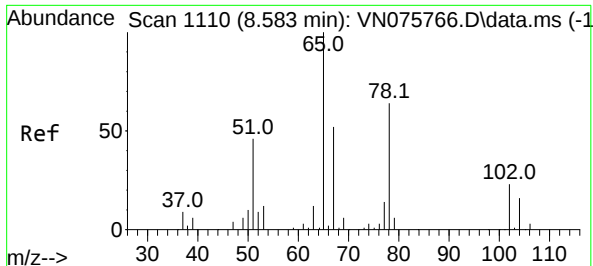
Tgt Ion: 84	Resp:	19179	
Ion	Ratio	Lower	Upper
84	100		
49	102.4	81.8	122.6
51	35.8	26.7	40.1
86	59.1	51.5	77.3



#25
2-Butanone
Concen: 12.277 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.006 min
Lab File: VN076021.D
Acq: 29 Dec 2022 00:31

Tgt Ion: 43	Resp: 24405
Ion Ratio	Lower Upper
43 100	
72 39.6	28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 46.147 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076021.D

Acq: 29 Dec 2022 00:31

Instrument :

MSVOA_N

ClientSampleId :

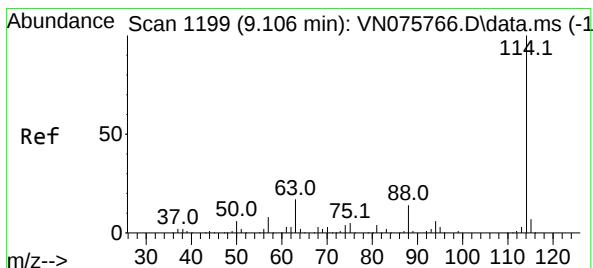
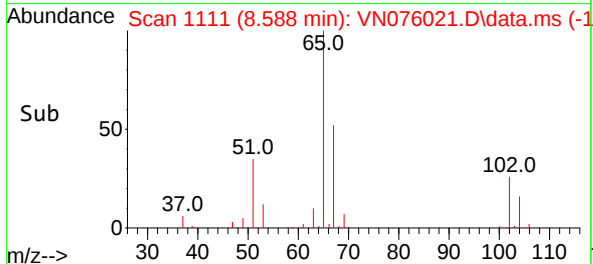
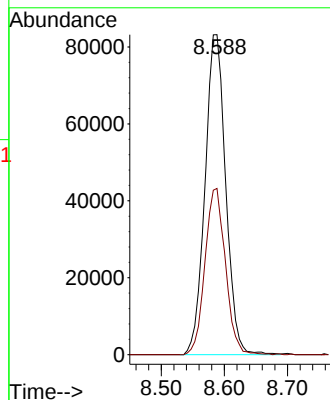
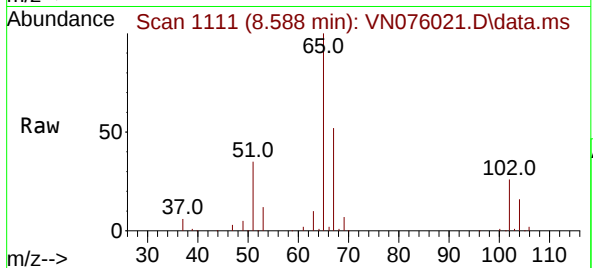
PB149923ZHE#02

Tgt Ion: 65 Resp: 190058

Ion Ratio Lower Upper

65 100

67 51.2 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: VN076021.D

Acq: 29 Dec 2022 00:31

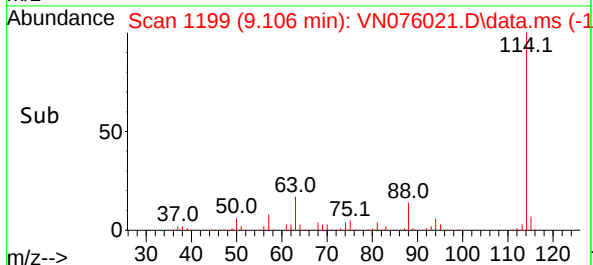
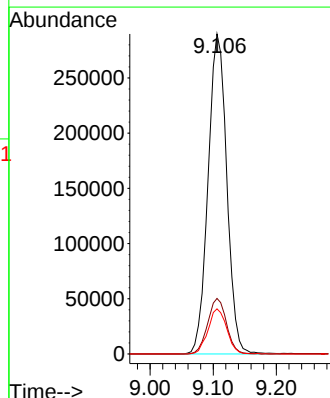
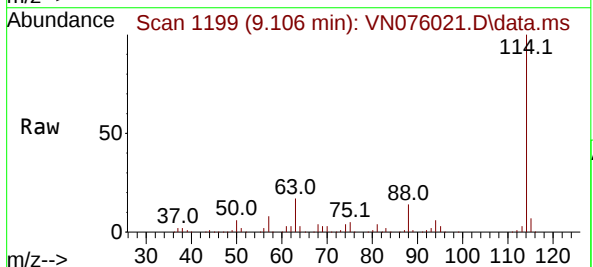
Tgt Ion: 114 Resp: 597810

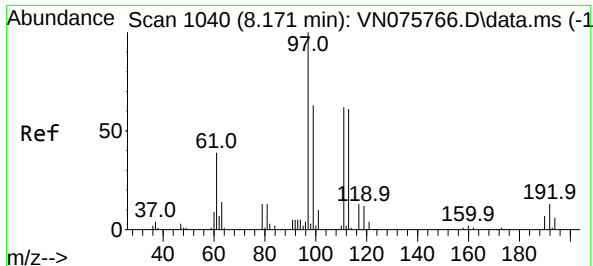
Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.4

88 14.1 0.0 28.8

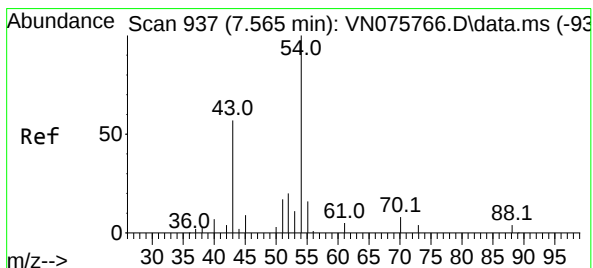
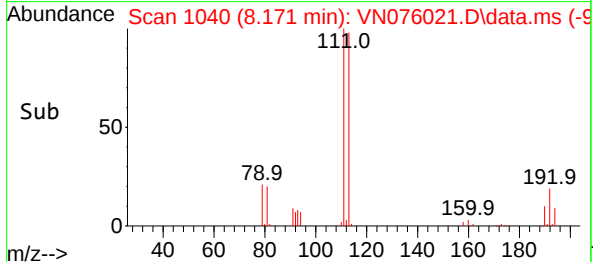
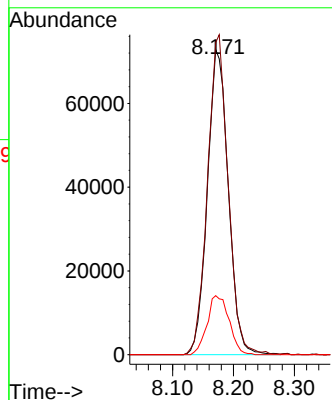
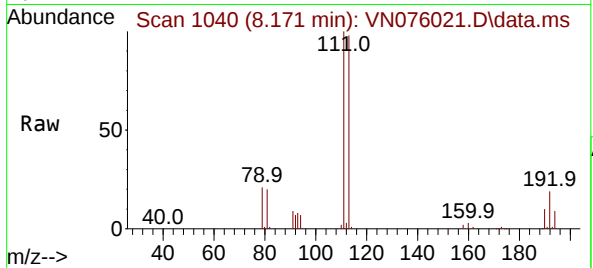




#35
Dibromofluoromethane
Concen: 47.007 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076021.D
Acq: 29 Dec 2022 00:31

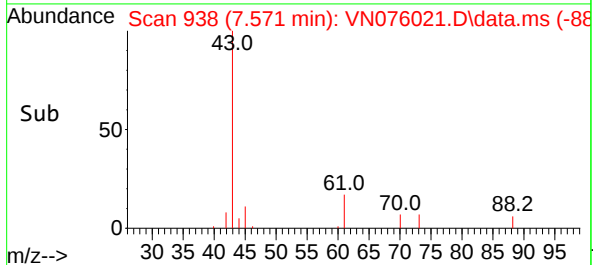
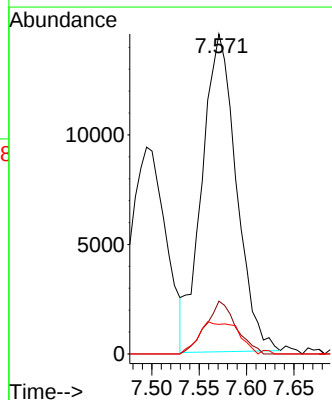
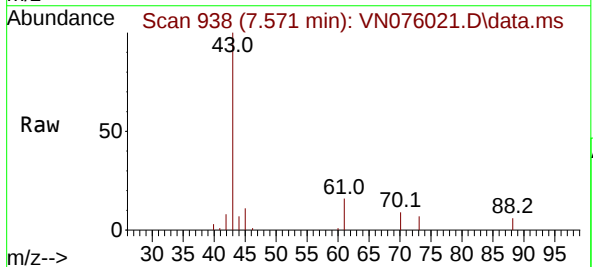
Instrument :
MSVOA_N
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PB149923ZHE#02

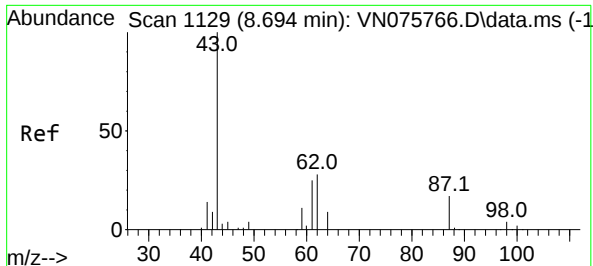
Tgt Ion:113 Resp: 174028
Ion Ratio Lower Upper
113 100
111 103.0 83.4 125.2
192 20.2 16.1 24.1



#37
Ethyl Acetate
Concen: 9.270 ug/l
RT: 7.571 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN076021.D
Acq: 29 Dec 2022 00:31

Tgt Ion: 43 Resp: 36621
Ion Ratio Lower Upper
43 100
61 14.8 13.0 19.4
70 11.7 9.4 14.0

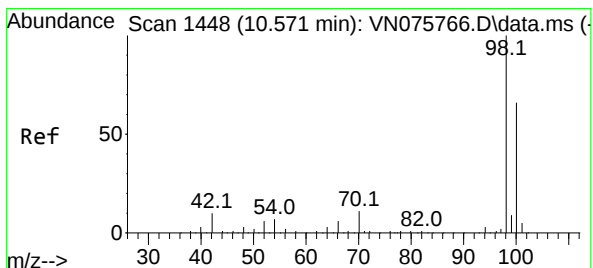
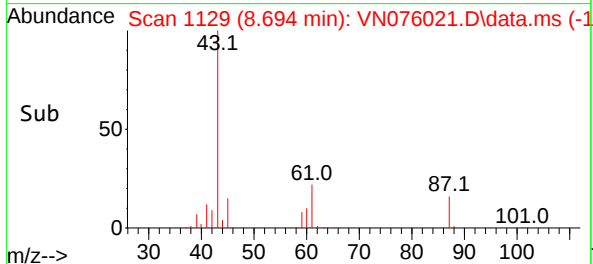
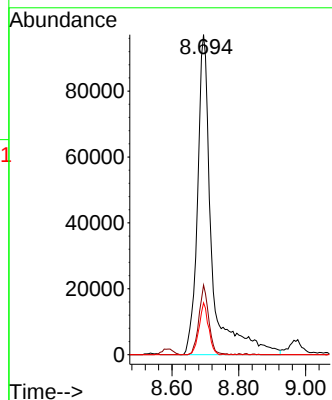
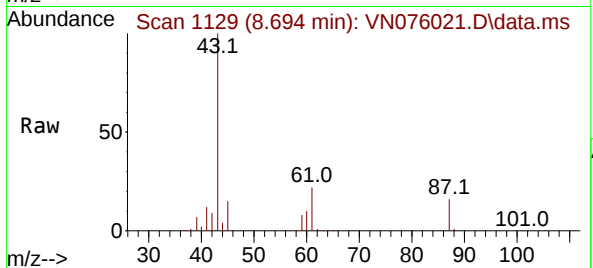




#43
Isopropyl Acetate
Concen: 44.036 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN076021.D
Acq: 29 Dec 2022 00:31

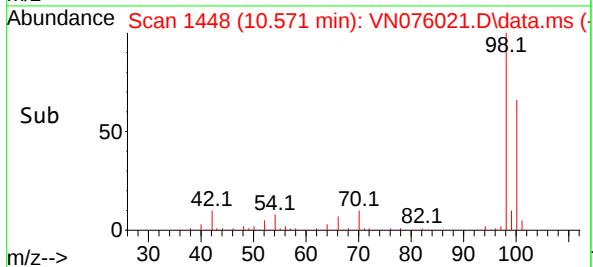
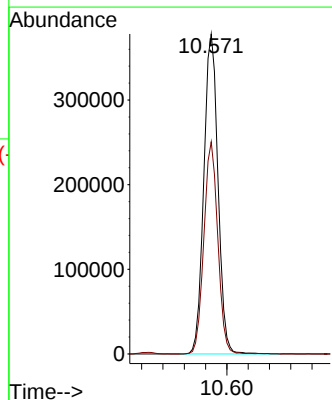
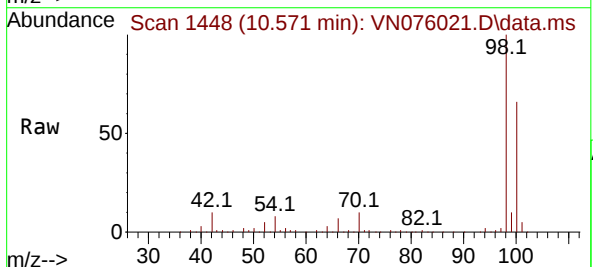
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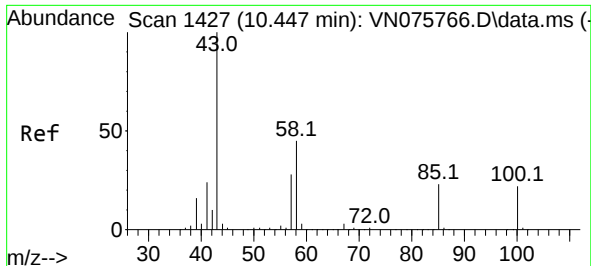
Tgt Ion: 43 Resp: 286953
Ion Ratio Lower Upper
43 100
61 14.9 24.2 36.4#
87 10.8 13.3 19.9#



#50
Toluene-d8
Concen: 50.312 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076021.D
Acq: 29 Dec 2022 00:31

Tgt Ion: 98 Resp: 696421
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1

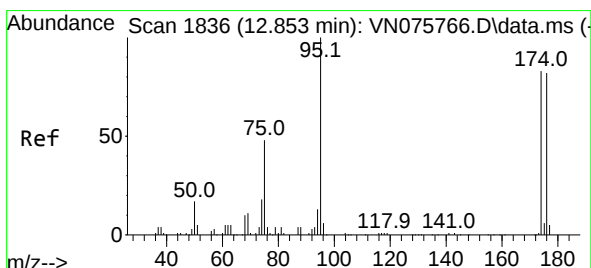
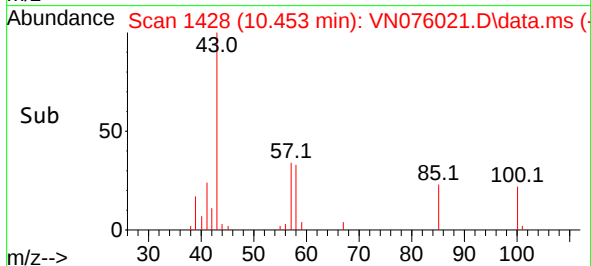
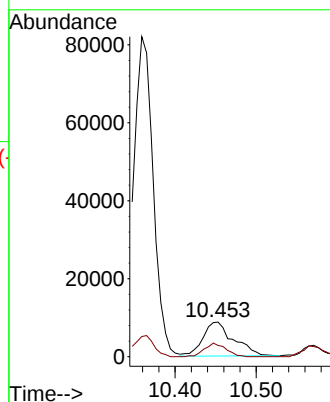
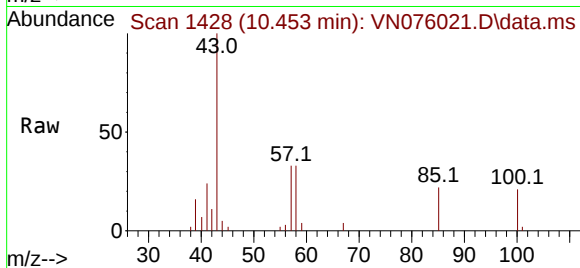




#51
4-Methyl-2-Pentanone
Concen: 5.779 ug/l
RT: 10.453 min Scan# 1427
Delta R.T. 0.006 min
Lab File: VN076021.D
Acq: 29 Dec 2022 00:31

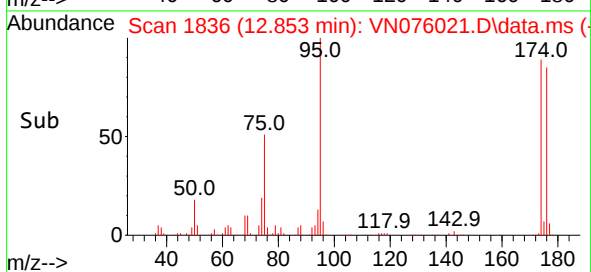
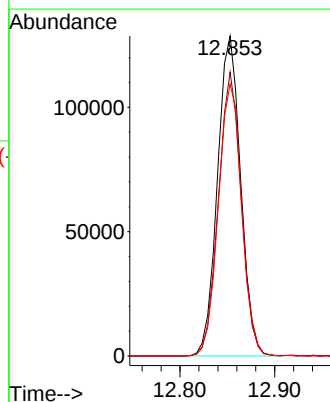
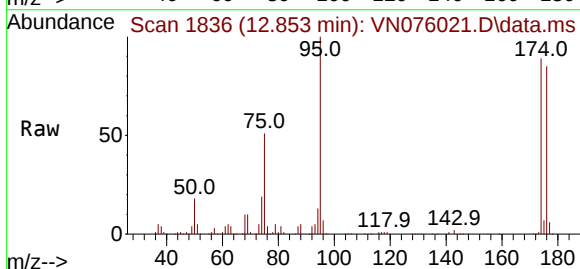
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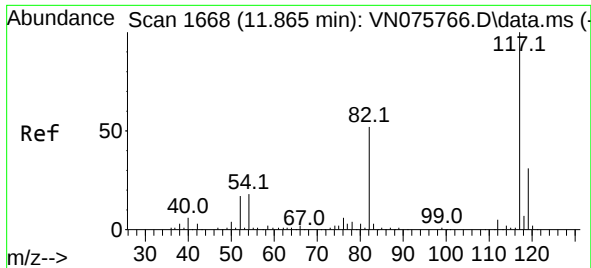
Tgt Ion: 43 Resp: 22773
Ion Ratio Lower Upper
43 100
58 28.1 35.5 53.3#



#62
4-Bromofluorobenzene
Concen: 47.709 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076021.D
Acq: 29 Dec 2022 00:31

Tgt Ion: 95 Resp: 218727
Ion Ratio Lower Upper
95 100
174 87.8 0.0 171.6
176 85.2 0.0 169.2

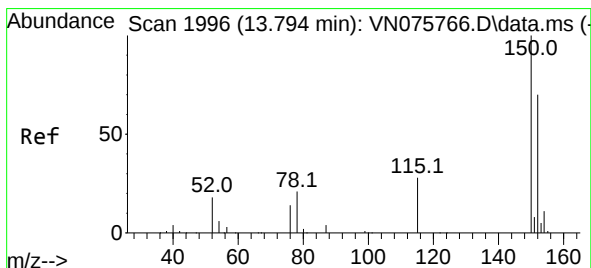
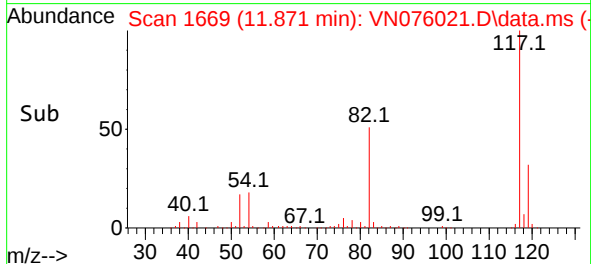
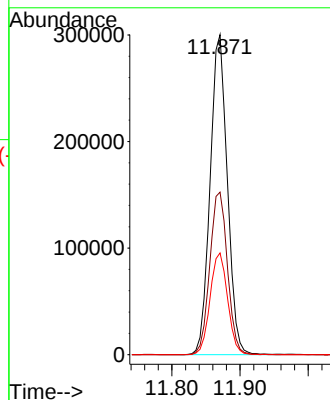
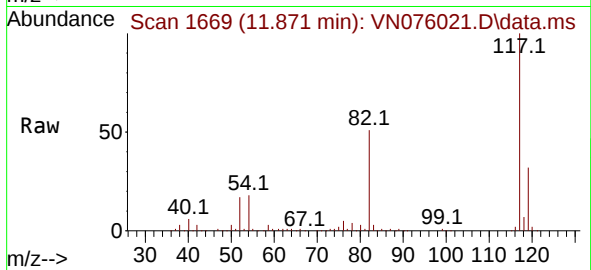




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076021.D
Acq: 29 Dec 2022 00:31

Instrument :
MSVOA_N
ClientSampleId :
PB149923ZHE#02

Tgt Ion:117 Resp: 527459
Ion Ratio Lower Upper
117 100
82 50.8 41.3 61.9
119 31.8 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: VN076021.D
Acq: 29 Dec 2022 00:31

Tgt Ion:152 Resp: 220684
Ion Ratio Lower Upper
152 100
115 57.1 29.1 87.4
150 156.8 0.0 347.0

