

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013023\
 Data File : VN076460.D
 Acq On : 30 Jan 2023 16:29
 Operator : JC\MD
 Sample : PB150523ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB150523ZHE#08

Quant Time: Jan 31 00:41:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

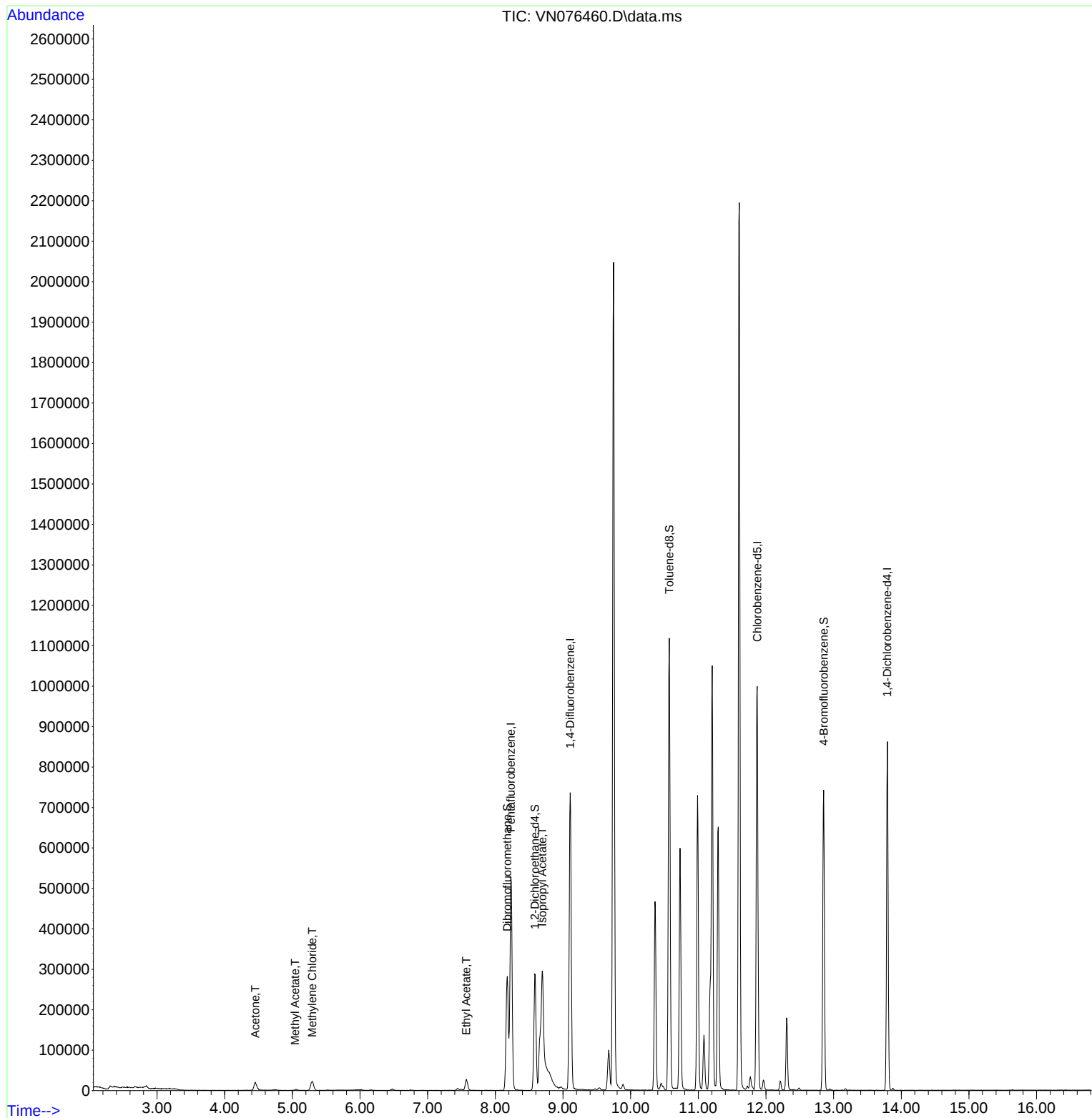
Internal Standards						
1) Pentafluorobenzene	8.230	168	390850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	662857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	596919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	231439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	240173	54.881	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.760%	
35) Dibromofluoromethane	8.177	113	202814	48.913	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.820%	
50) Toluene-d8	10.571	98	782418	51.094	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.180%	
62) 4-Bromofluorobenzene	12.853	95	249260	49.861	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.720%	
Target Compounds						
						Qvalue
16) Acetone	4.453	43	37839	26.906	ug/l	97
18) Methyl Acetate	5.042	43	4871	1.025	ug/l #	62
20) Methylene Chloride	5.295	84	19055	4.036	ug/l	95
37) Ethyl Acetate	7.571	43	41765	8.868	ug/l	99
43) Isopropyl Acetate	8.694	43	530958	69.062	ug/l #	68

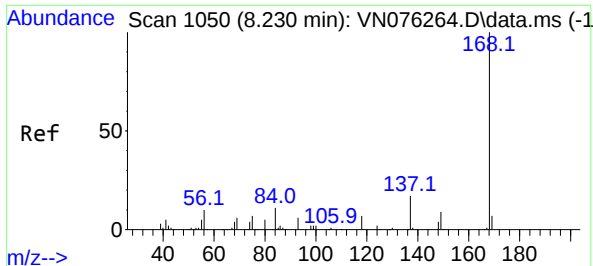
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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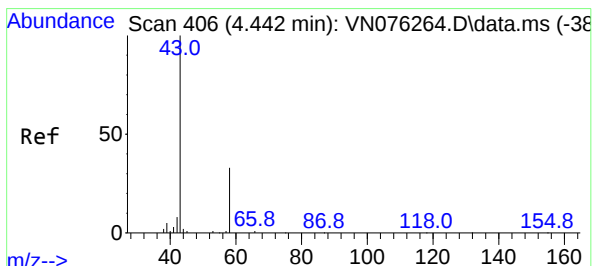
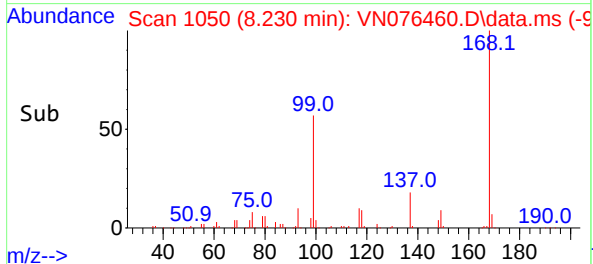
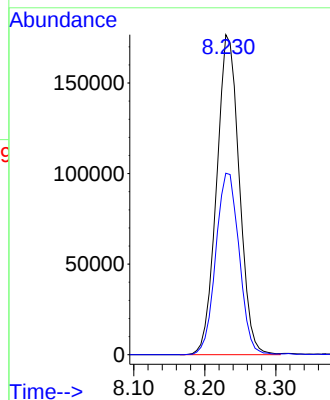
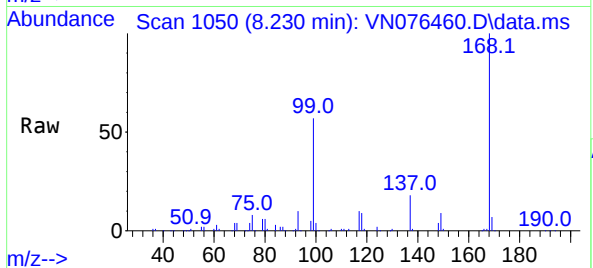




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076460.D
Acq: 30 Jan 2023 16:29

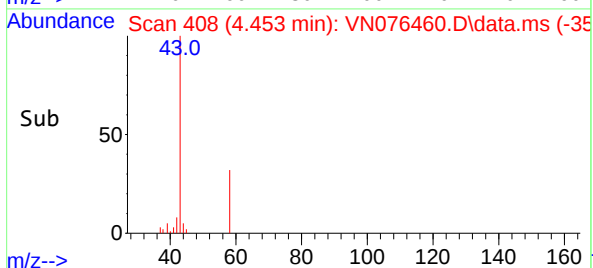
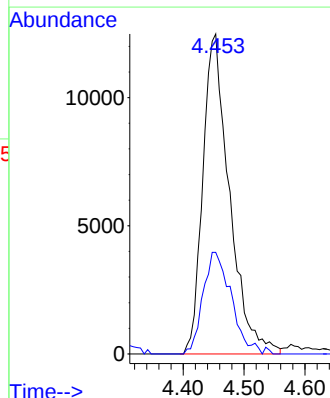
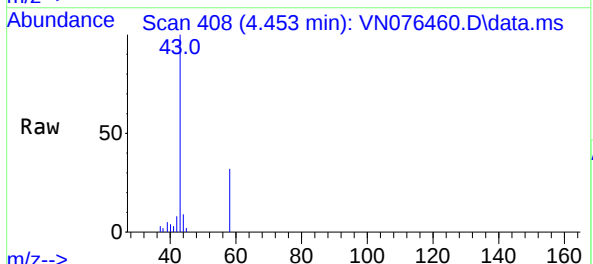
Instrument :
MSVOA_N
ClientSampleId :
PB150523ZHE#08

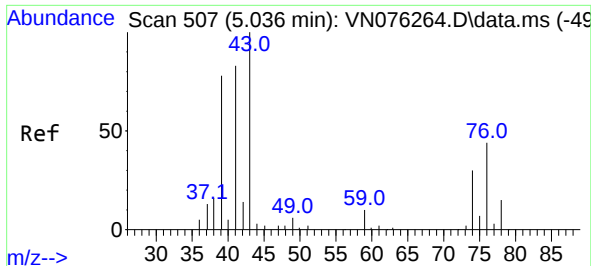
Tgt Ion:168 Resp: 390850
Ion Ratio Lower Upper
168 100
99 56.7 41.6 62.4



#16
Acetone
Concen: 26.906 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.011 min
Lab File: VN076460.D
Acq: 30 Jan 2023 16:29

Tgt Ion: 43 Resp: 37839
Ion Ratio Lower Upper
43 100
58 31.7 26.7 40.1

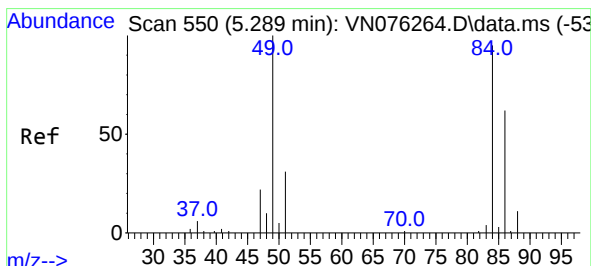
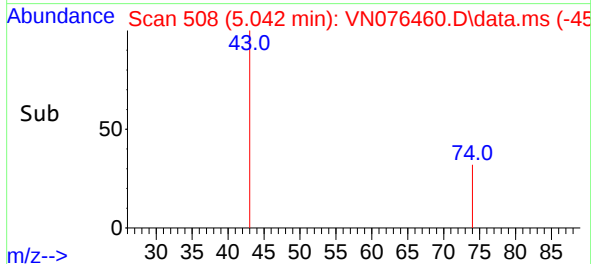
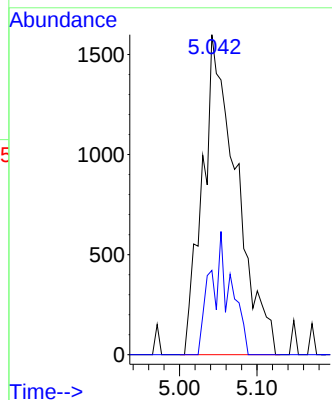
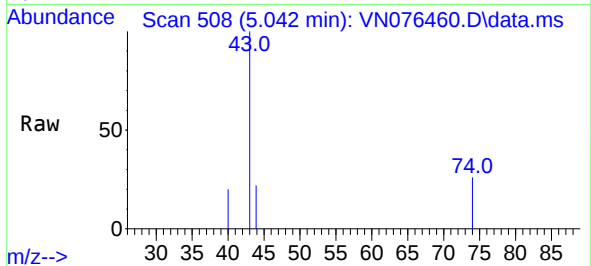




#18
Methyl Acetate
Concen: 1.025 ug/l
RT: 5.042 min Scan# 507
Delta R.T. 0.006 min
Lab File: VN076460.D
Acq: 30 Jan 2023 16:29

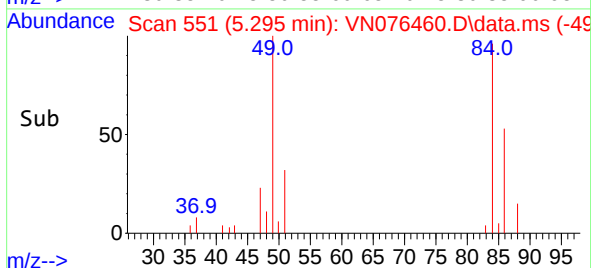
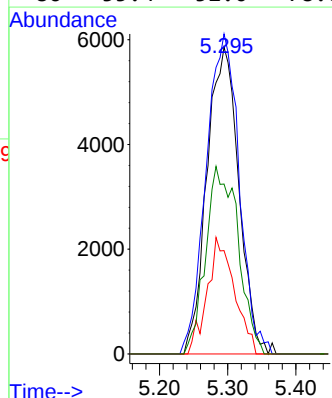
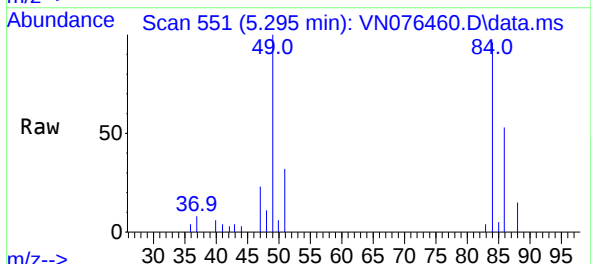
Instrument :
MSVOA_N
ClientSampleId :
PB150523ZHE#08

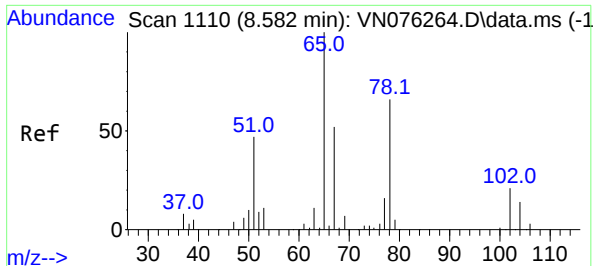
Tgt Ion: 43 Resp: 4871
Ion Ratio Lower Upper
43 100
74 9.0 23.3 34.9#



#20
Methylene Chloride
Concen: 4.036 ug/l
RT: 5.295 min Scan# 551
Delta R.T. 0.006 min
Lab File: VN076460.D
Acq: 30 Jan 2023 16:29

Tgt Ion: 84 Resp: 19055
Ion Ratio Lower Upper
84 100
49 104.3 84.5 126.7
51 33.7 26.0 39.0
86 55.4 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 54.881 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.001 min

Lab File: VN076460.D

Acq: 30 Jan 2023 16:29

Instrument :

MSVOA_N

ClientSampleId :

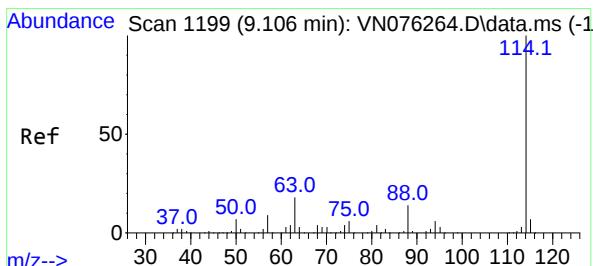
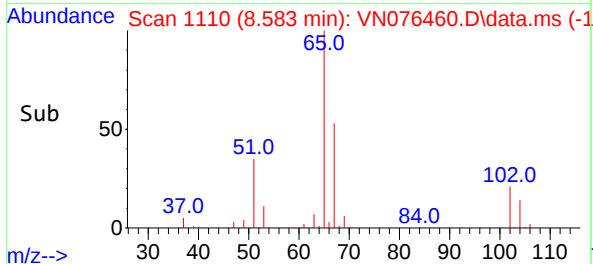
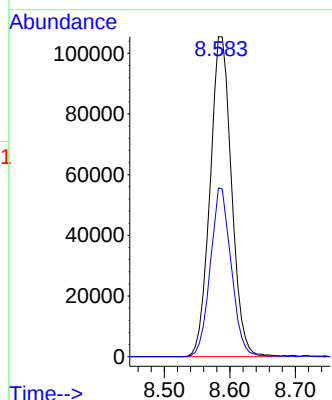
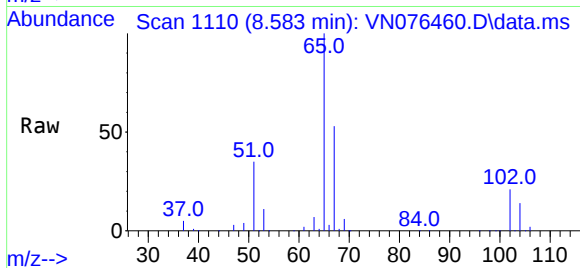
PB150523ZHE#08

Tgt Ion: 65 Resp: 240173

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076460.D

Acq: 30 Jan 2023 16:29

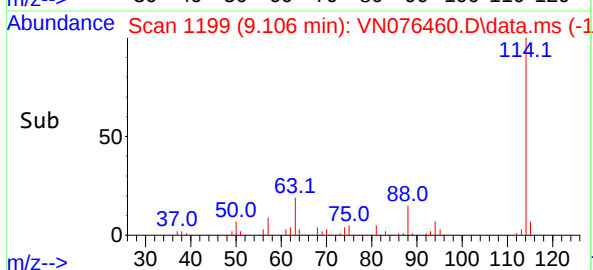
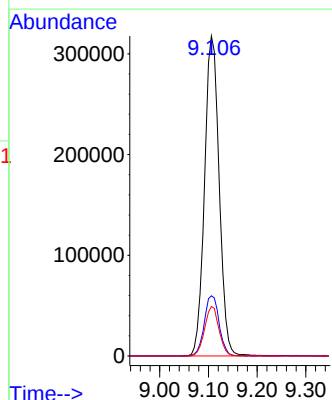
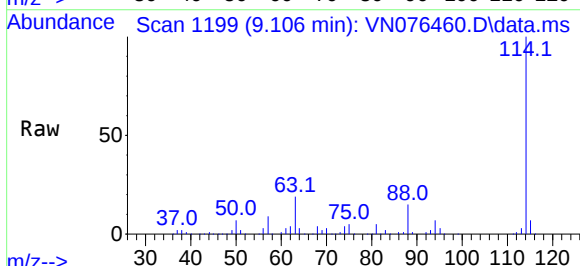
Tgt Ion: 114 Resp: 662857

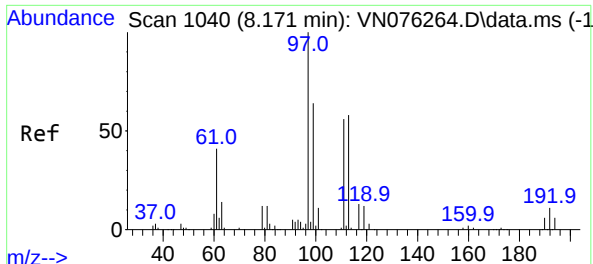
Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.8

88 15.4 0.0 28.0

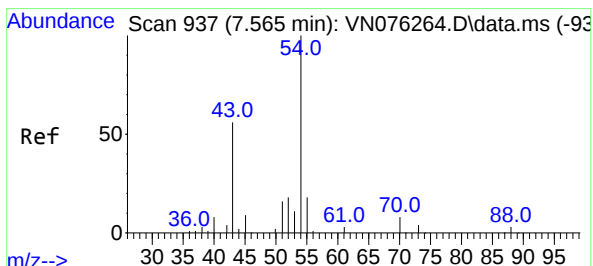
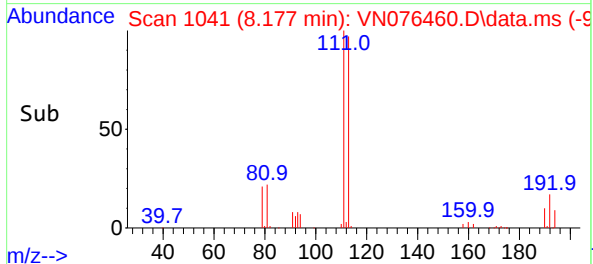
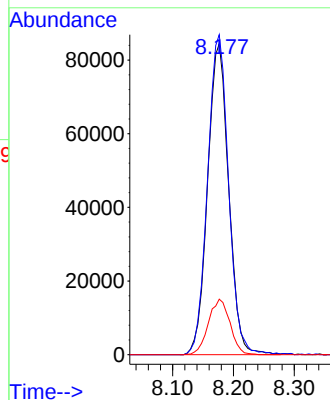
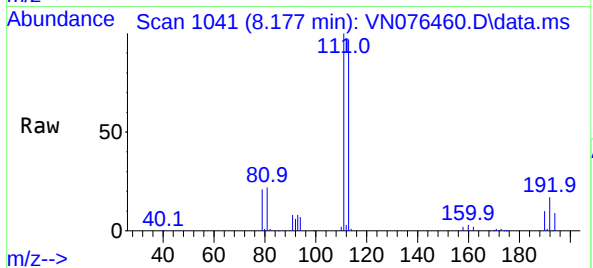




#35
Dibromofluoromethane
Concen: 48.913 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076460.D
Acq: 30 Jan 2023 16:29

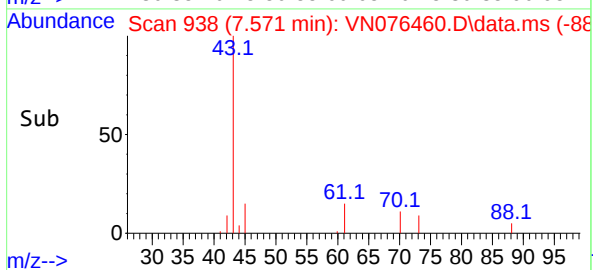
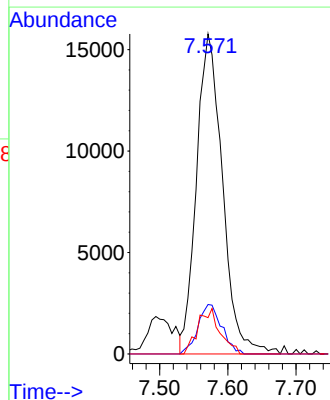
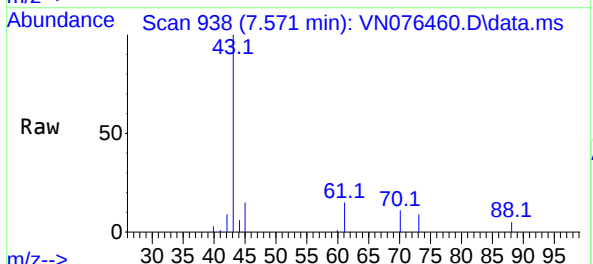
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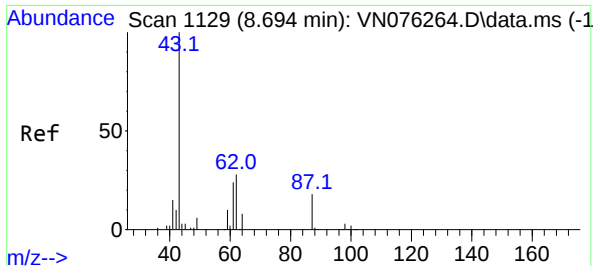
Tgt Ion:113 Resp: 202814
Ion Ratio Lower Upper
113 100
111 102.9 82.7 124.1
192 18.3 15.6 23.4



#37
Ethyl Acetate
Concen: 8.868 ug/l
RT: 7.571 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN076460.D
Acq: 30 Jan 2023 16:29

Tgt Ion: 43 Resp: 41765
Ion Ratio Lower Upper
43 100
61 14.2 11.1 16.7
70 12.1 10.0 15.0

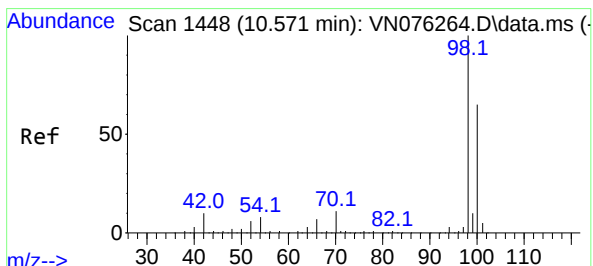
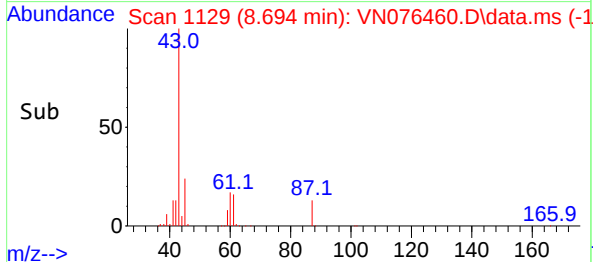
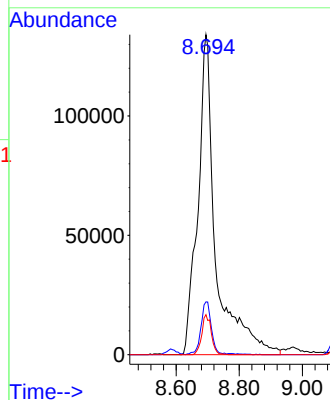
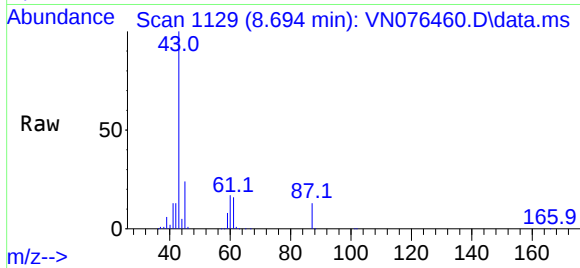




#43
Isopropyl Acetate
Concen: 69.062 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076460.D
Acq: 30 Jan 2023 16:29

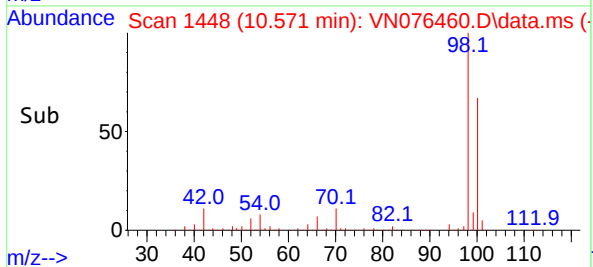
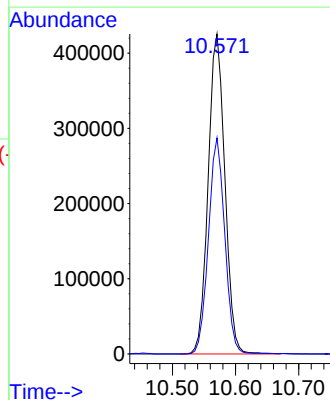
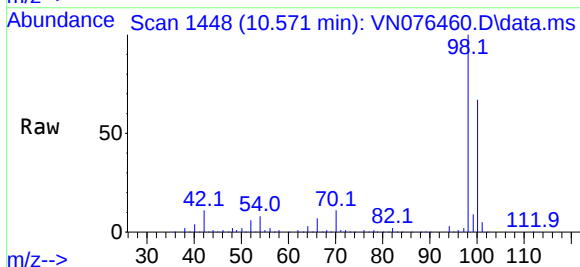
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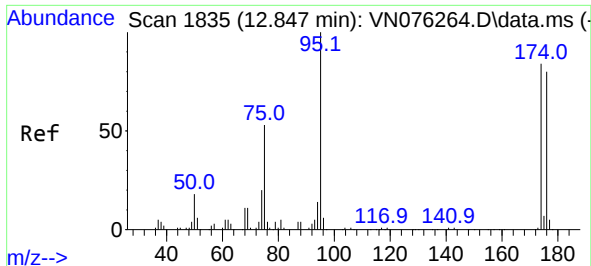
Tgt Ion: 43 Resp: 530958
Ion Ratio Lower Upper
43 100
61 9.5 23.5 35.3#
87 6.6 13.8 20.6#



#50
Toluene-d8
Concen: 51.094 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076460.D
Acq: 30 Jan 2023 16:29

Tgt Ion: 98 Resp: 782418
Ion Ratio Lower Upper
98 100
100 66.2 52.2 78.4

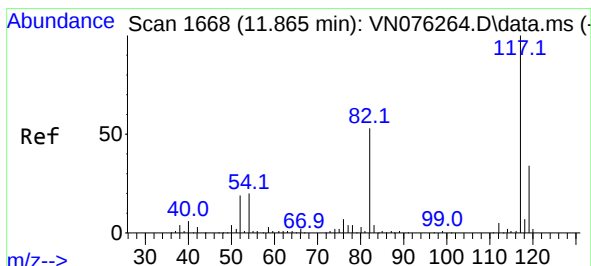
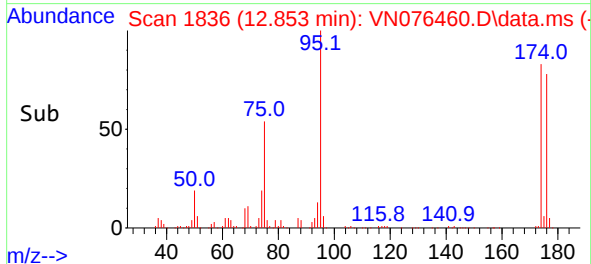
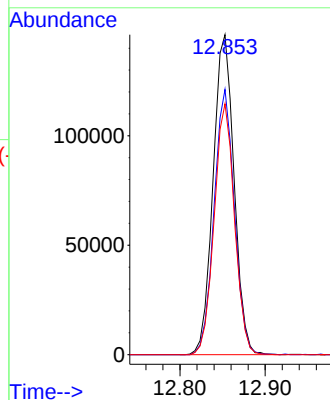
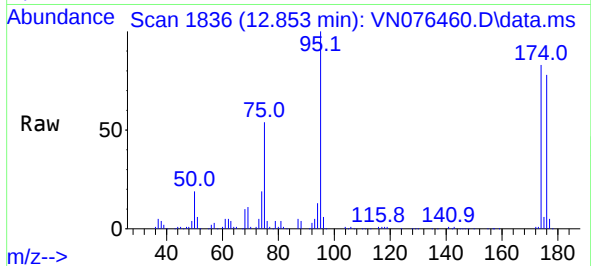




#62
4-Bromofluorobenzene
Concen: 49.861 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076460.D
Acq: 30 Jan 2023 16:29

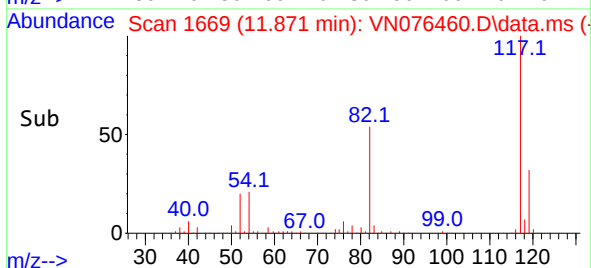
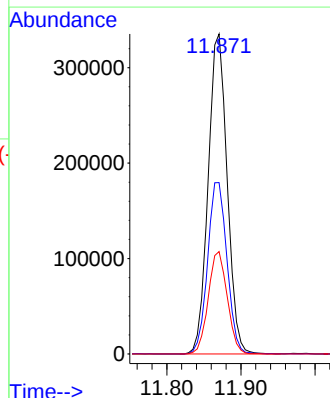
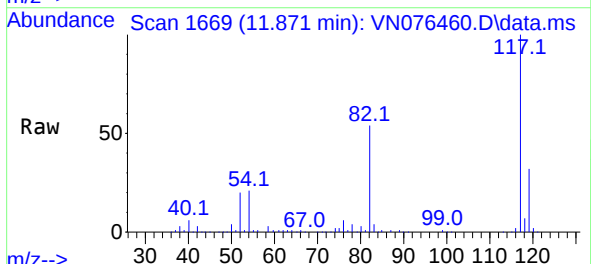
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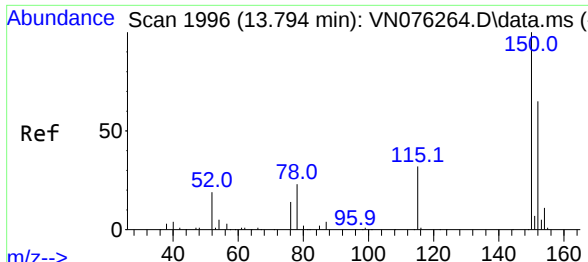
Tgt Ion: 95 Resp: 249260
Ion Ratio Lower Upper
95 100
174 80.6 0.0 174.6
176 76.2 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076460.D
Acq: 30 Jan 2023 16:29

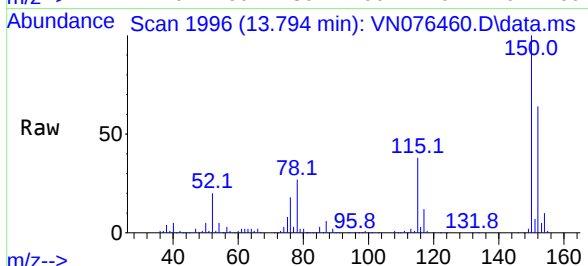
Tgt Ion: 117 Resp: 596919
Ion Ratio Lower Upper
117 100
82 53.5 42.2 63.2
119 32.0 26.9 40.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN076460.D
 Acq: 30 Jan 2023 16:29

Instrument :
 MSVOA_N
 ClientSampleId :
 PB150523ZHE#08



Tgt Ion:152 Resp: 231439

Ion	Ratio	Lower	Upper
152	100		
115	59.3	29.6	88.9
150	156.6	0.0	351.4

