

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013023\
 Data File : VN076466.D
 Acq On : 30 Jan 2023 18:53
 Operator : JC\MD
 Sample : 01329-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-7-BORING-2-14-21

Quant Time: Jan 31 00:44:49 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)

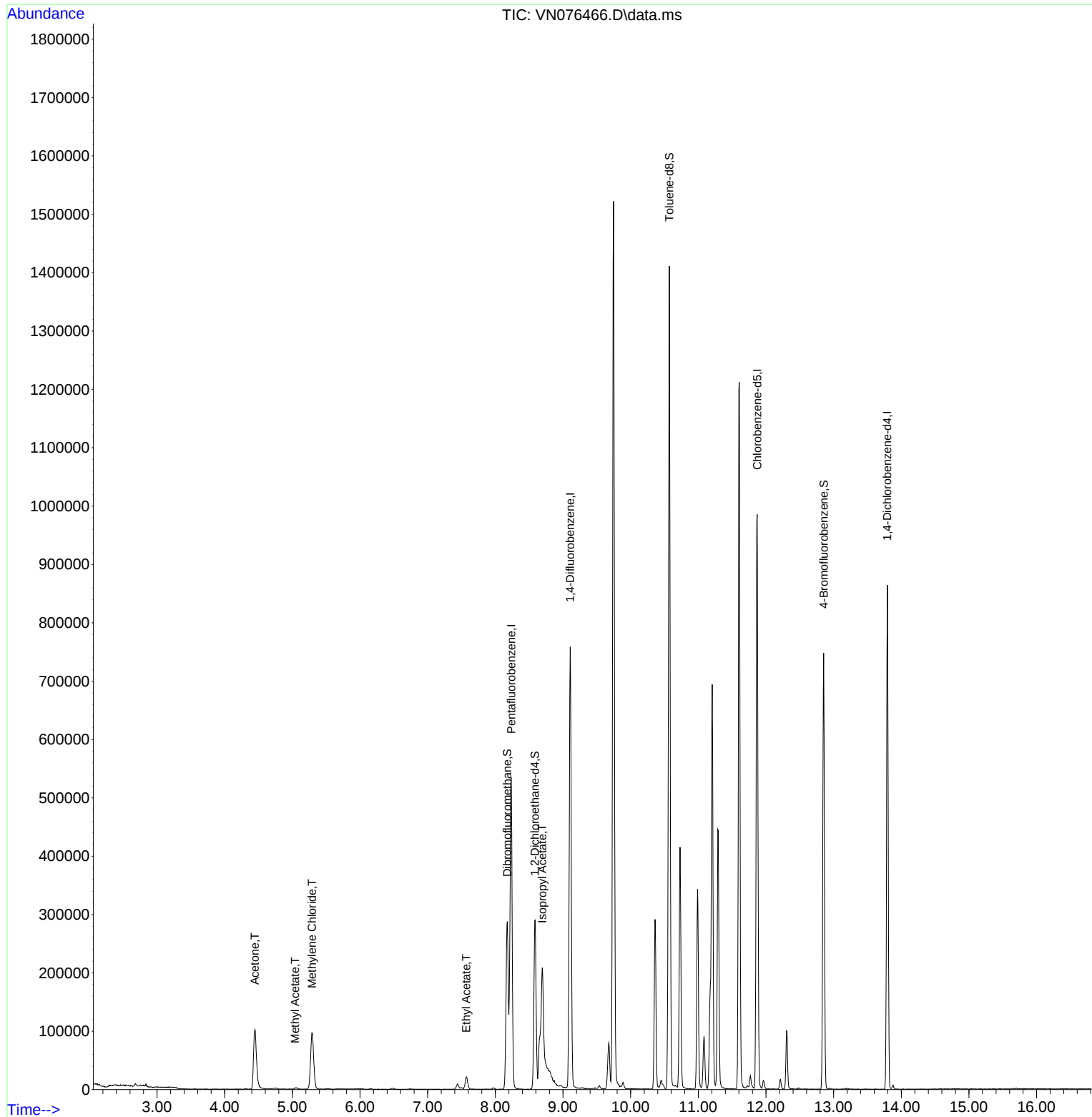
Internal Standards						
1) Pentafluorobenzene	8.235	168	396019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	674153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	599995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	231987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	247928	55.913	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.820%
35) Dibromofluoromethane	8.177	113	205904	48.826	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.660%
50) Toluene-d8	10.571	98	920255	59.088	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	118.180%#
62) 4-Bromofluorobenzene	12.853	95	249655	49.103	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.200%
Target Compounds						
						Qvalue
16) Acetone	4.447	43	201194	141.509	ug/l	99
18) Methyl Acetate	5.042	43	5505	1.143	ug/l #	62
20) Methylene Chloride	5.289	84	84057	19.618	ug/l	94
37) Ethyl Acetate	7.571	43	33715	7.046	ug/l	98
43) Isopropyl Acetate	8.694	43	329053	42.083	ug/l #	70

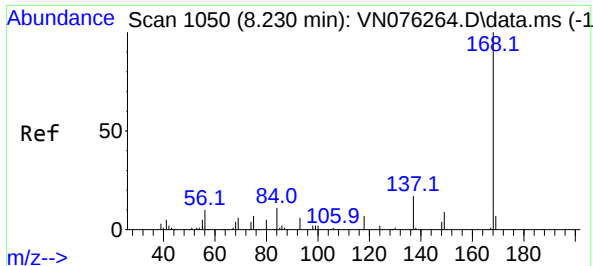
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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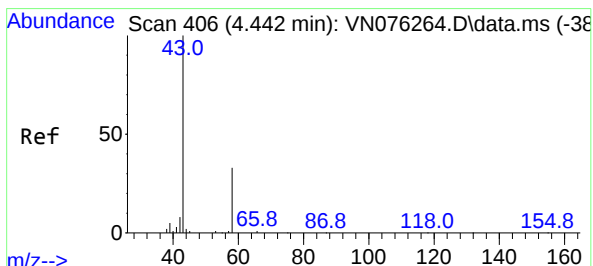
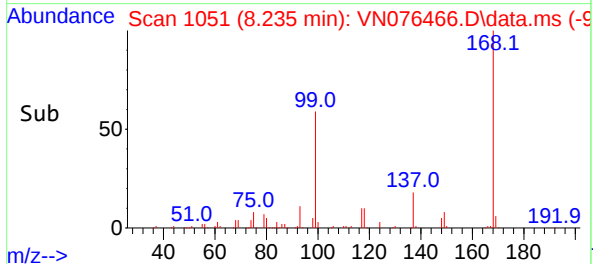
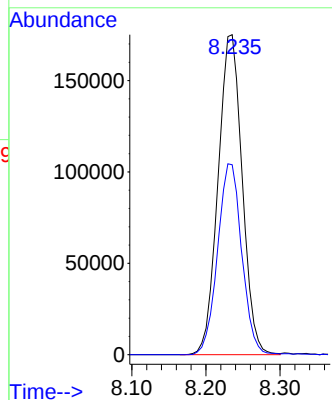
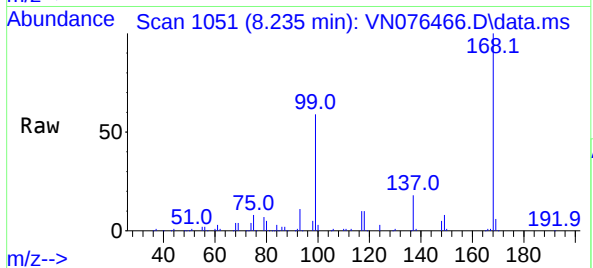




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. 0.005 min
Lab File: VN076466.D
Acq: 30 Jan 2023 18:53

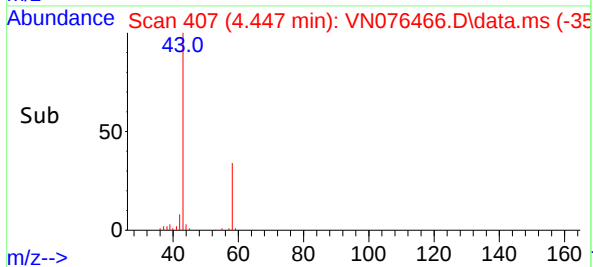
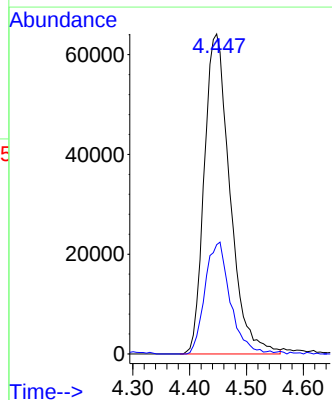
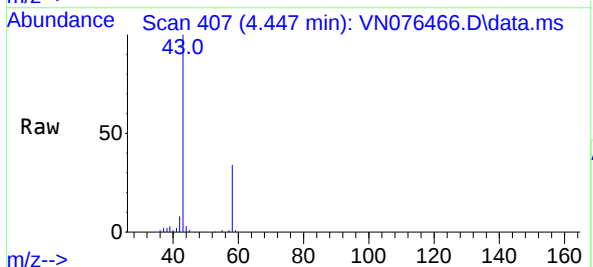
Instrument :
MSVOA_N
ClientSampleId :
COMP-7-BORING-2-14-21

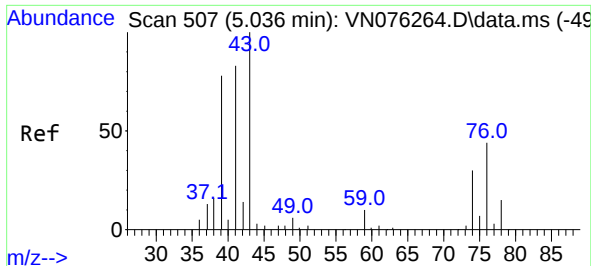
Tgt Ion:168 Resp: 396019
Ion Ratio Lower Upper
168 100
99 59.4 41.6 62.4



#16
Acetone
Concen: 141.509 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN076466.D
Acq: 30 Jan 2023 18:53

Tgt Ion: 43 Resp: 201194
Ion Ratio Lower Upper
43 100
58 34.1 26.7 40.1

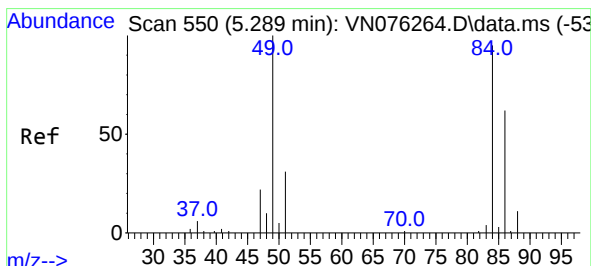
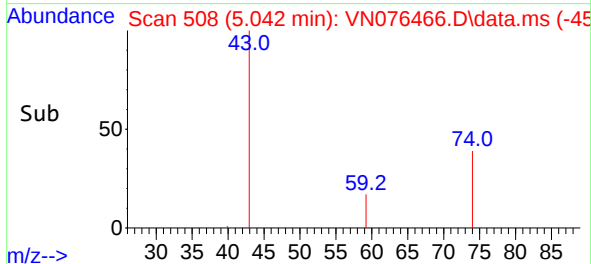
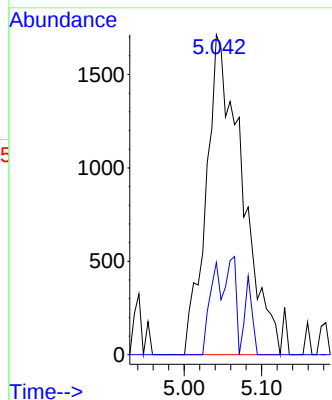
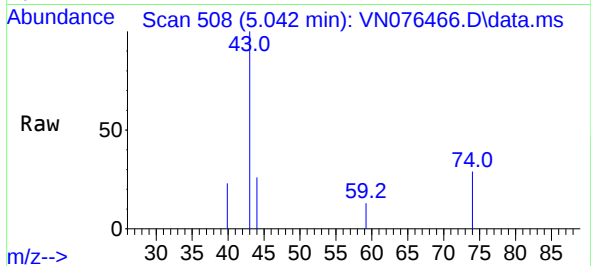




#18
Methyl Acetate
Concen: 1.143 ug/l
RT: 5.042 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN076466.D
Acq: 30 Jan 2023 18:53

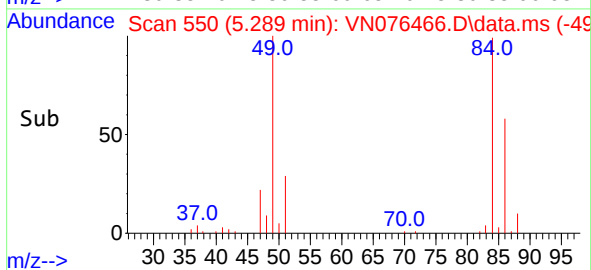
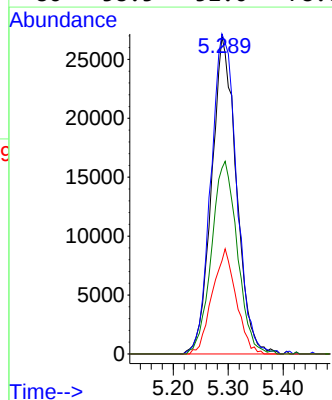
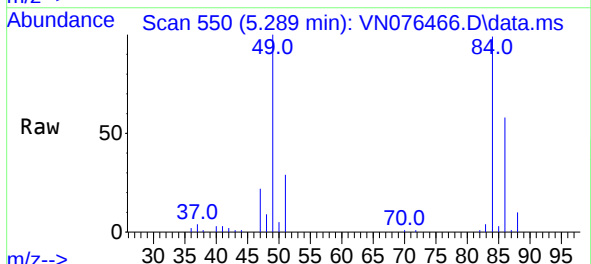
Instrument :
MSVOA_N
ClientSampleId :
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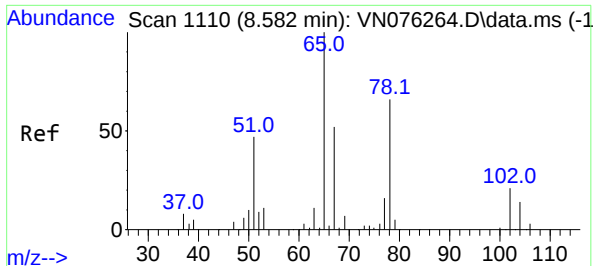
Tgt Ion: 43 Resp: 5505
Ion Ratio Lower Upper
43 100
74 8.9 23.3 34.9#



#20
Methylene Chloride
Concen: 19.618 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076466.D
Acq: 30 Jan 2023 18:53

Tgt Ion: 84 Resp: 84057
Ion Ratio Lower Upper
84 100
49 100.8 84.5 126.7
51 29.3 26.0 39.0
86 58.5 52.0 78.0

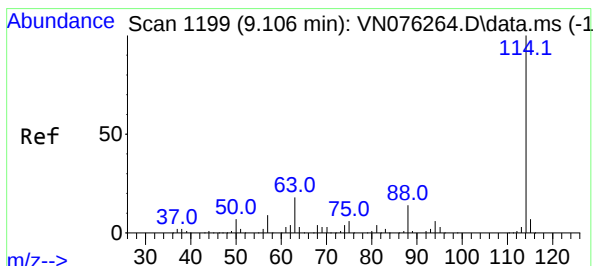
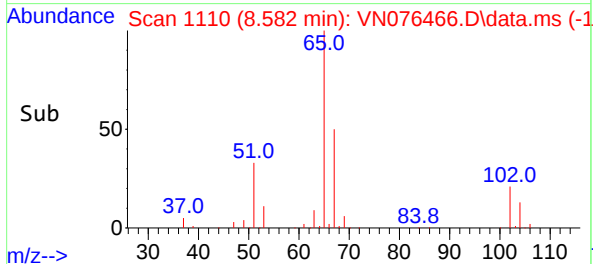
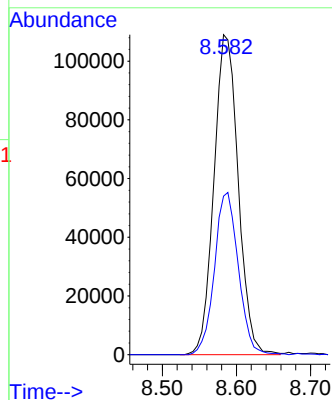
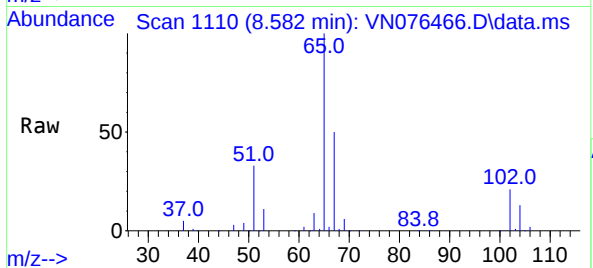




#33
1,2-Dichloroethane-d4
Concen: 55.913 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076466.D
Acq: 30 Jan 2023 18:53

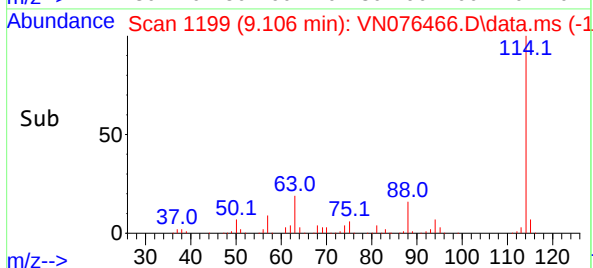
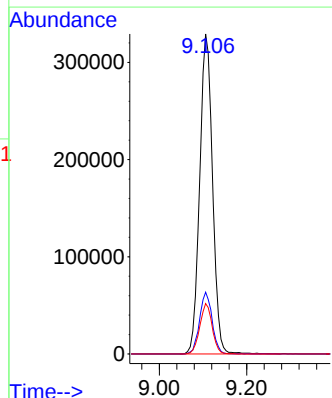
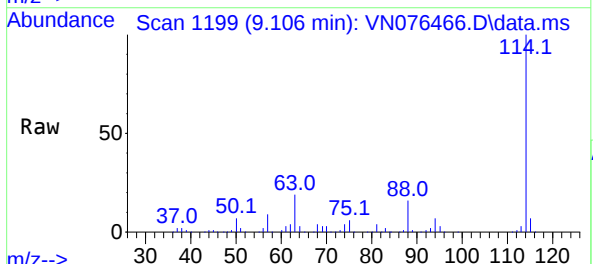
Instrument :
MSVOA_N
ClientSampleId :
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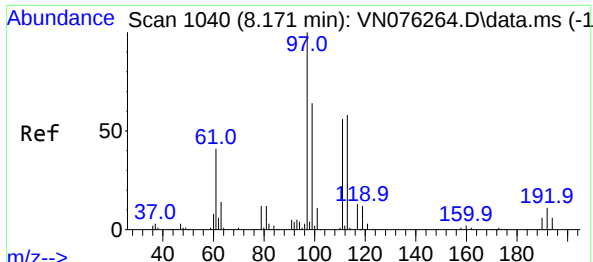
Tgt Ion: 65 Resp: 247928
Ion Ratio Lower Upper
65 100
67 49.9 0.0 104.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN076466.D
Acq: 30 Jan 2023 18:53

Tgt Ion: 114 Resp: 674153
Ion Ratio Lower Upper
114 100
63 19.3 0.0 35.8
88 15.7 0.0 28.0

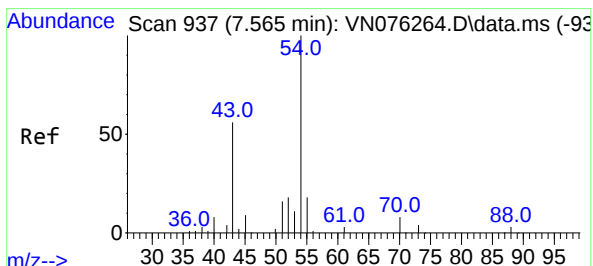
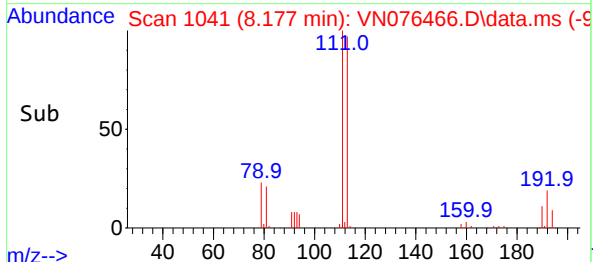
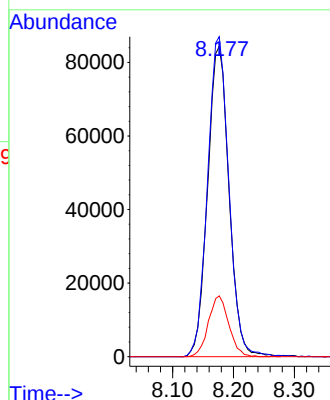
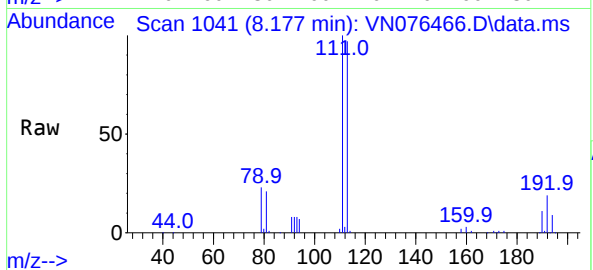




#35
Dibromofluoromethane
Concen: 48.826 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN076466.D
Acq: 30 Jan 2023 18:53

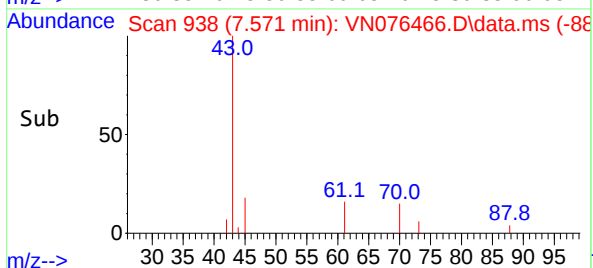
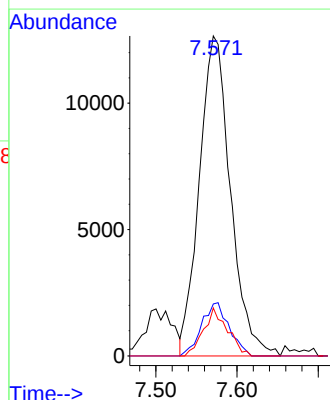
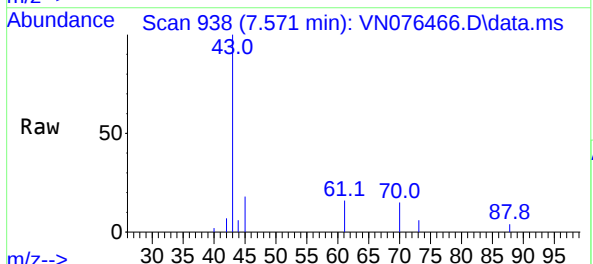
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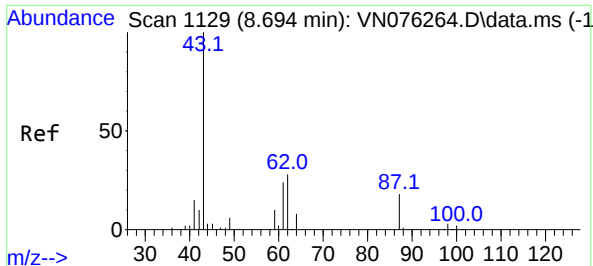
Tgt Ion:113 Resp: 205904
Ion Ratio Lower Upper
113 100
111 102.6 82.7 124.1
192 18.6 15.6 23.4



#37
Ethyl Acetate
Concen: 7.046 ug/l
RT: 7.571 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN076466.D
Acq: 30 Jan 2023 18:53

Tgt Ion: 43 Resp: 33715
Ion Ratio Lower Upper
43 100
61 14.7 11.1 16.7
70 11.5 10.0 15.0

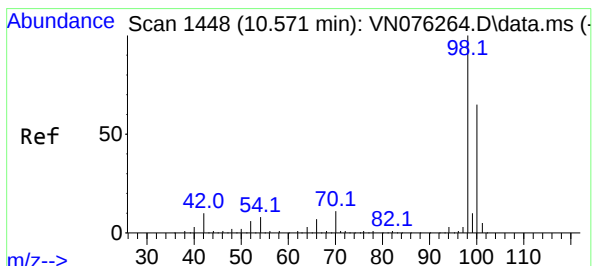
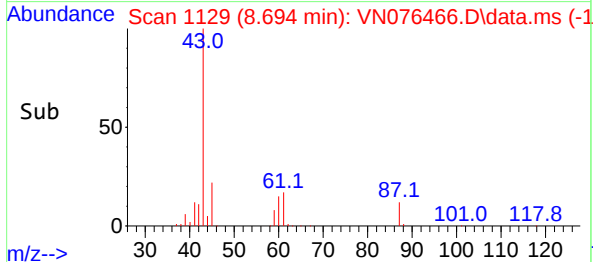
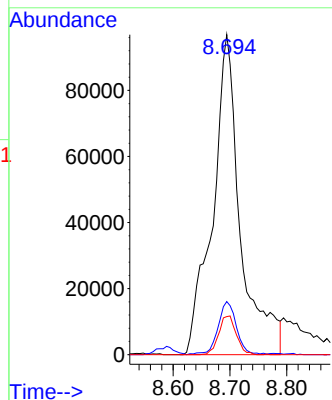
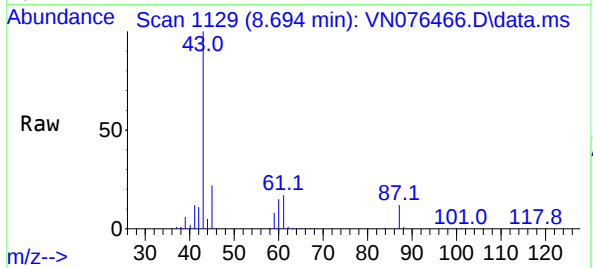




#43
Isopropyl Acetate
Concen: 42.083 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076466.D
Acq: 30 Jan 2023 18:53

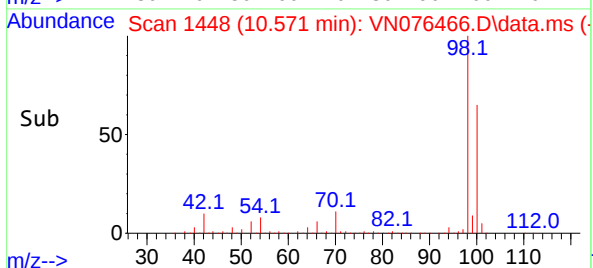
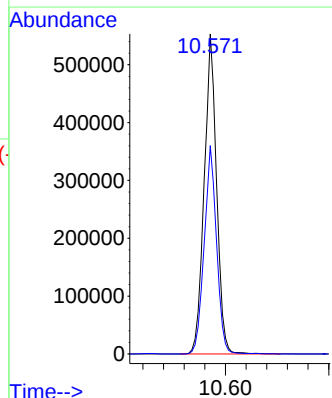
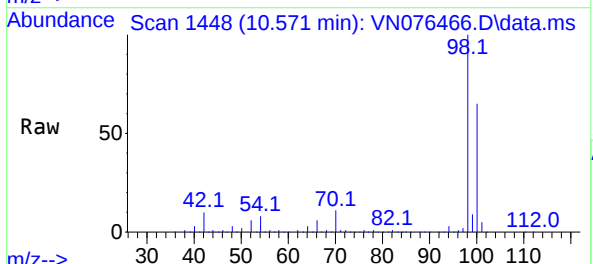
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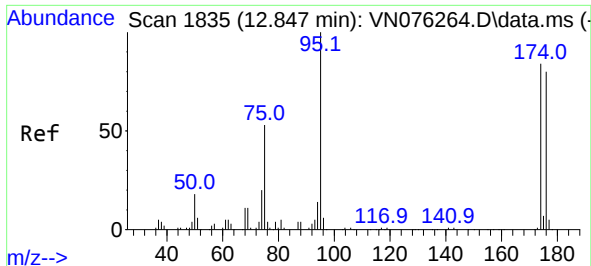
Tgt Ion: 43 Resp: 329053
Ion Ratio Lower Upper
43 100
61 11.1 23.5 35.3#
87 7.6 13.8 20.6#



#50
Toluene-d8
Concen: 59.088 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076466.D
Acq: 30 Jan 2023 18:53

Tgt Ion: 98 Resp: 920255
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4

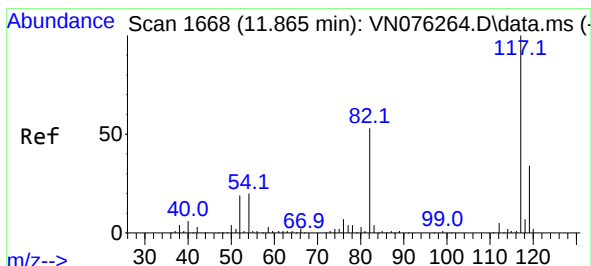
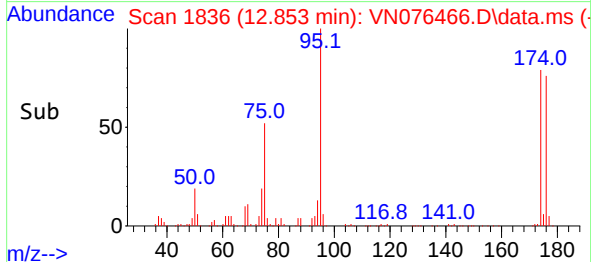
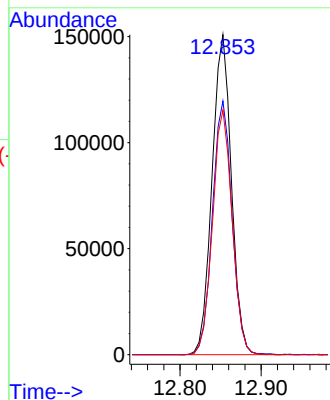
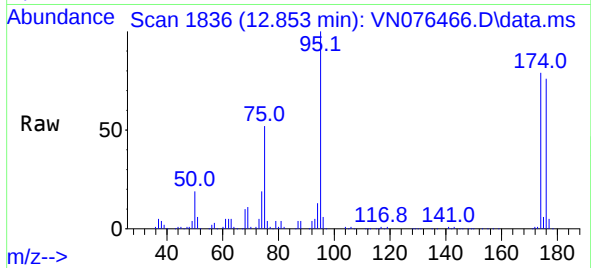




#62
4-Bromofluorobenzene
Concen: 49.103 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076466.D
Acq: 30 Jan 2023 18:53

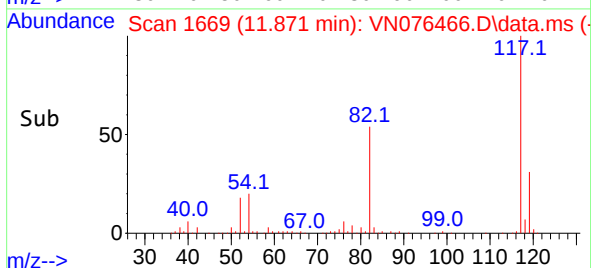
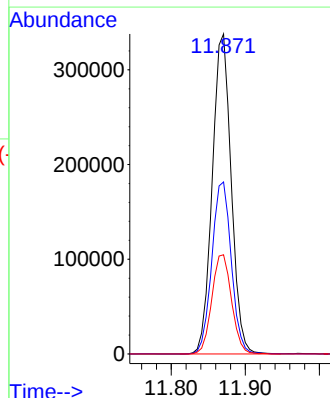
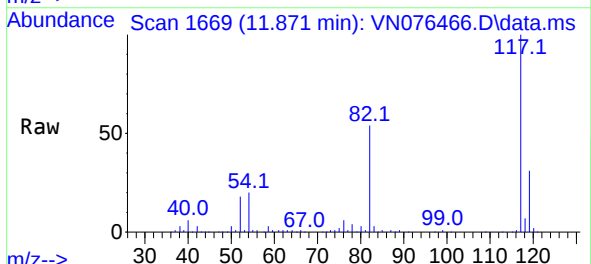
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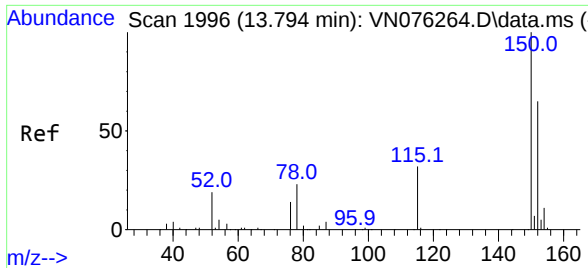
Tgt Ion: 95 Resp: 249655
Ion Ratio Lower Upper
95 100
174 80.4 0.0 174.6
176 77.4 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN076466.D
Acq: 30 Jan 2023 18:53

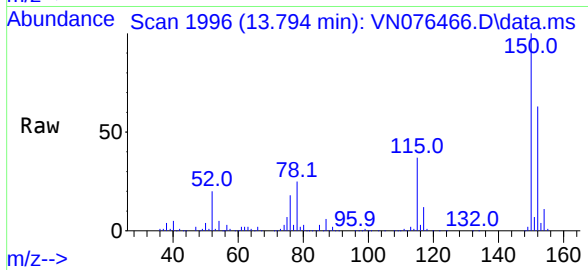
Tgt Ion: 117 Resp: 599995
Ion Ratio Lower Upper
117 100
82 53.8 42.2 63.2
119 31.0 26.9 40.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN076466.D
 Acq: 30 Jan 2023 18:53

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:152 Resp: 231987
 Ion Ratio Lower Upper
 152 100
 115 60.2 29.6 88.9
 150 157.5 0.0 351.4

