

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020223\
 Data File : VN076519.D
 Acq On : 02 Feb 2023 18:52
 Operator : JC\MD
 Sample : PB150614ZHE#5
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB150614ZHE#5

Quant Time: Feb 03 01:04:58 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)

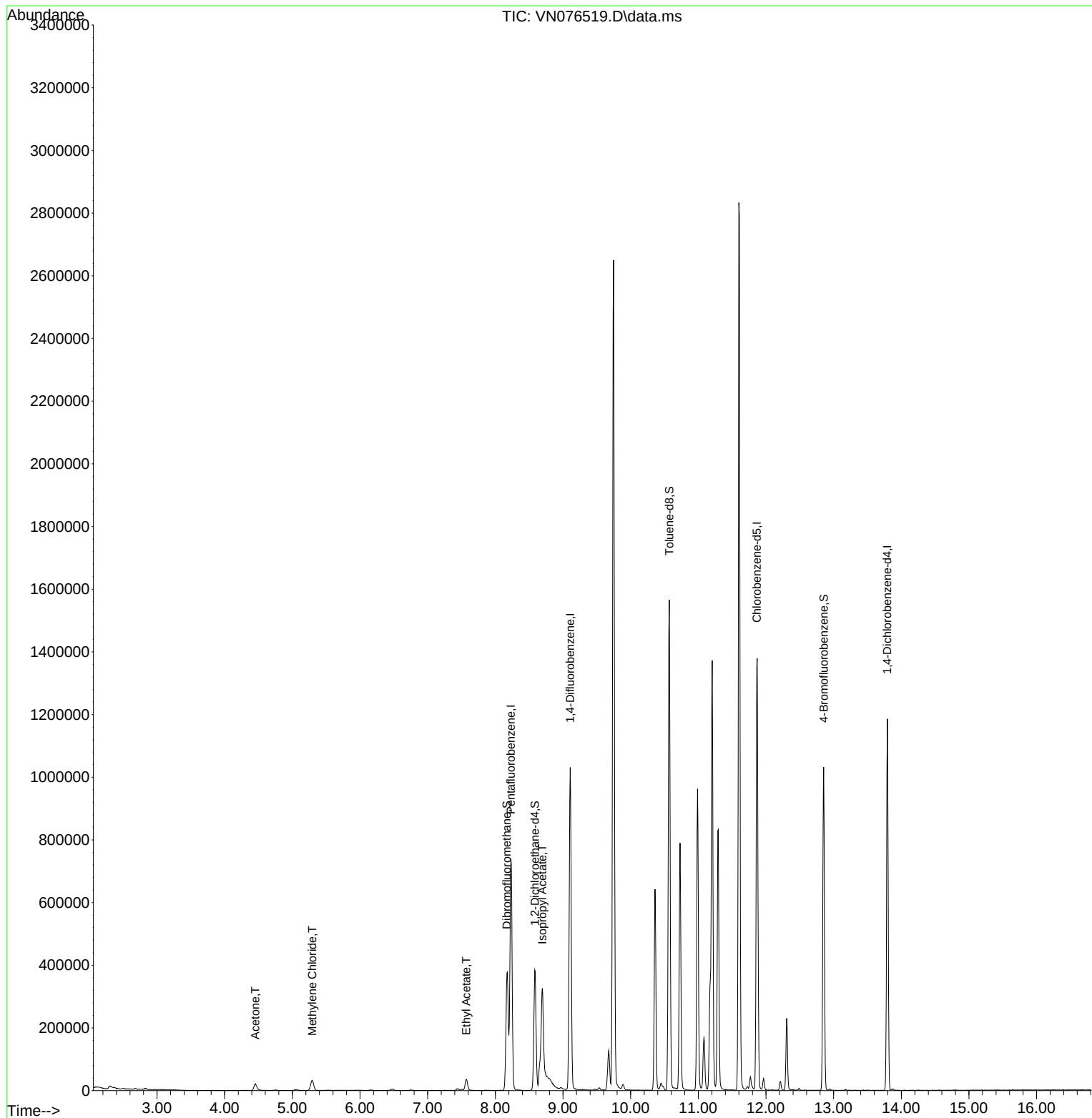
Internal Standards						
1) Pentafluorobenzene	8.230	168	553744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	940702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	843675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	323369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	327101	52.757	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.520%
35) Dibromofluoromethane	8.171	113	278751	47.371	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.740%
50) Toluene-d8	10.571	98	1106758	50.927	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.860%
62) 4-Bromofluorobenzene	12.853	95	361890	51.010	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.020%
Target Compounds						
						Qvalue
16) Acetone	4.453	43	42550	21.341	ug/l	94
20) Methylene Chloride	5.295	84	28506	4.296	ug/l	91
37) Ethyl Acetate	7.571	43	57524	8.607	ug/l	97
43) Isopropyl Acetate	8.694	43	438947	40.231	ug/l #	77

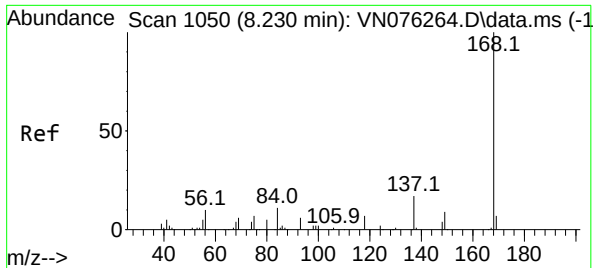
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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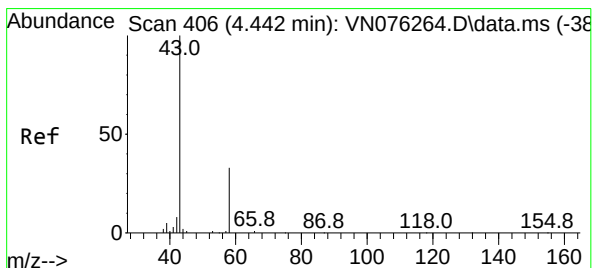
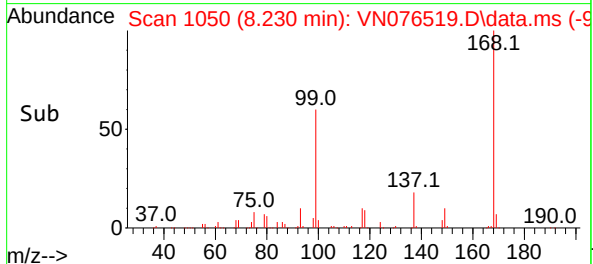
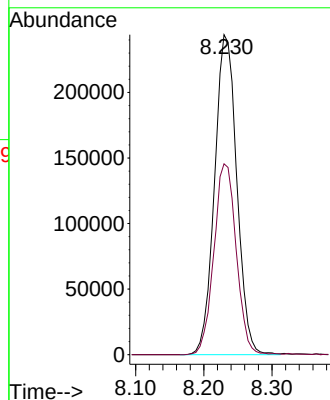
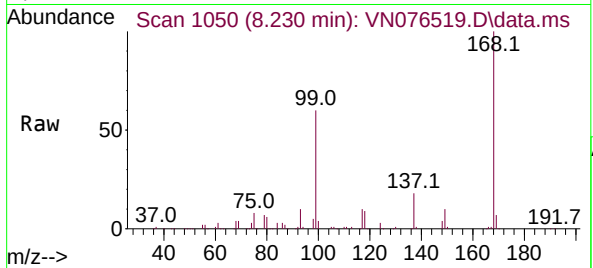




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076519.D
Acq: 02 Feb 2023 18:52

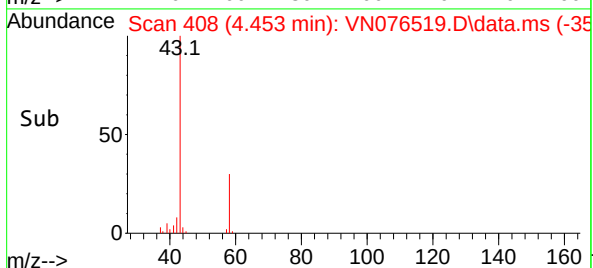
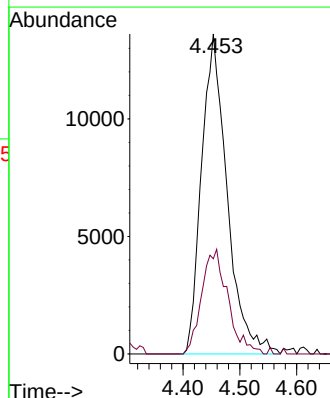
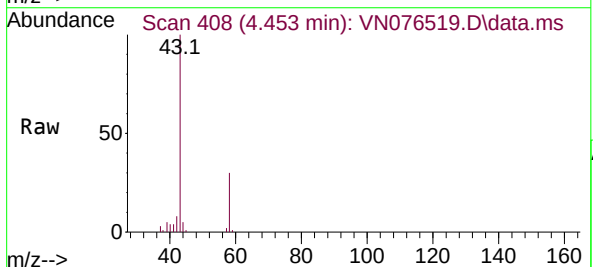
Instrument :
MSVOA_N
ClientSampleId :
PB150614ZHE#5

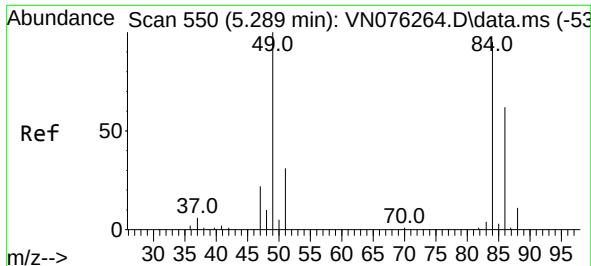
Tgt Ion:168 Resp: 553744
Ion Ratio Lower Upper
168 100
99 59.6 41.6 62.4



#16
Acetone
Concen: 21.341 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.011 min
Lab File: VN076519.D
Acq: 02 Feb 2023 18:52

Tgt Ion: 43 Resp: 42550
Ion Ratio Lower Upper
43 100
58 29.8 26.7 40.1

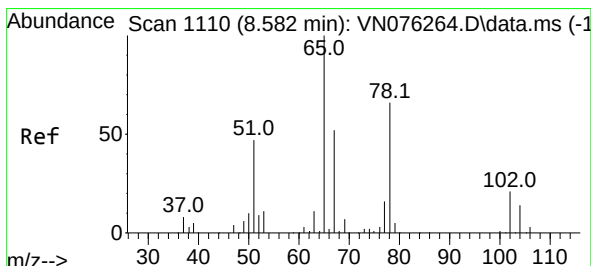
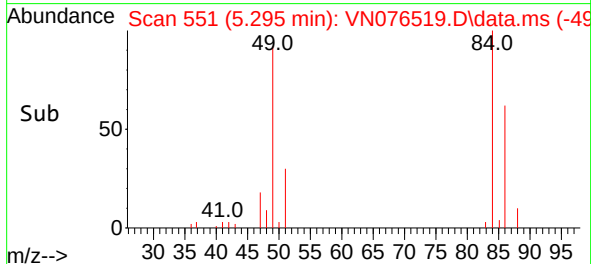
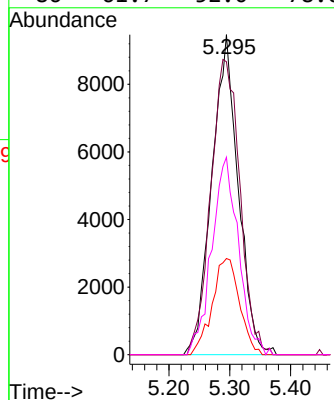
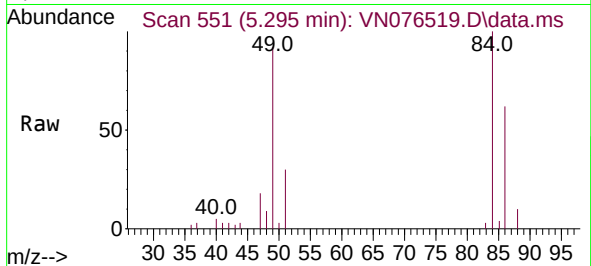




#20
Methylene Chloride
Concen: 4.296 ug/l
RT: 5.295 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN076519.D
Acq: 02 Feb 2023 18:52

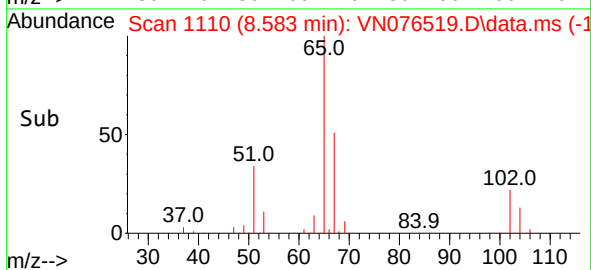
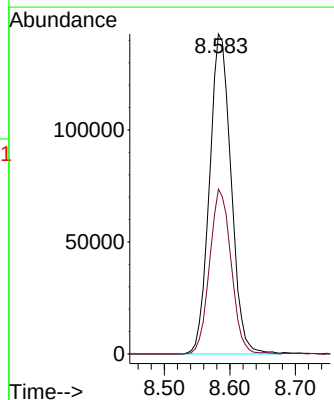
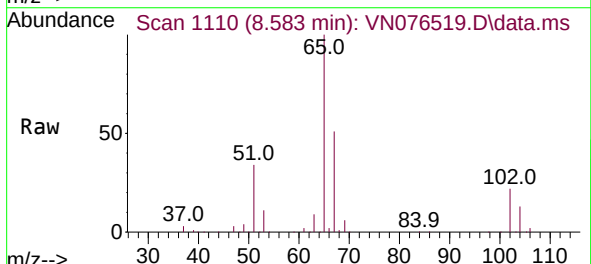
Instrument :
MSVOA_N
ClientSampleId :
PB150614ZHE#5

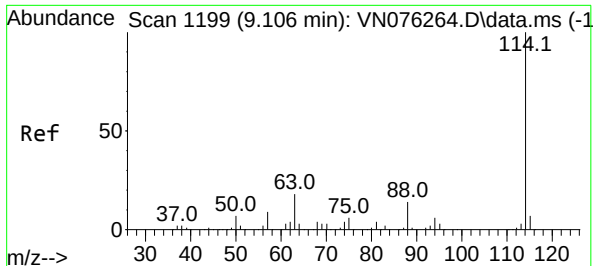
Tgt Ion: 84	Resp: 28506
Ion Ratio	Lower Upper
84 100	
49 91.6	84.5 126.7
51 30.1	26.0 39.0
86 61.7	52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 52.757 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.001 min
Lab File: VN076519.D
Acq: 02 Feb 2023 18:52

Tgt Ion: 65	Resp: 327101
Ion Ratio	Lower Upper
65 100	
67 51.2	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: VN076519.D

Acq: 02 Feb 2023 18:52

Instrument :

MSVOA_N

ClientSampleId :

PB150614ZHE#5

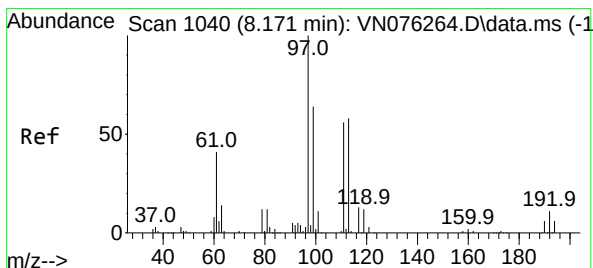
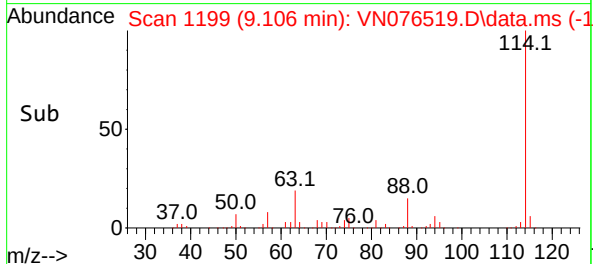
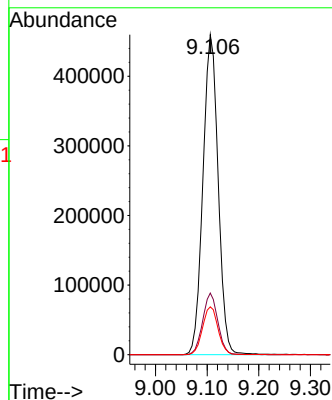
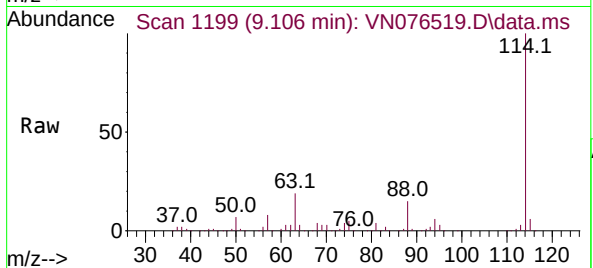
Tgt Ion:114 Resp: 940702

Ion Ratio Lower Upper

114 100

63 19.2 0.0 35.8

88 14.9 0.0 28.0



#35

Dibromofluoromethane

Concen: 47.371 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076519.D

Acq: 02 Feb 2023 18:52

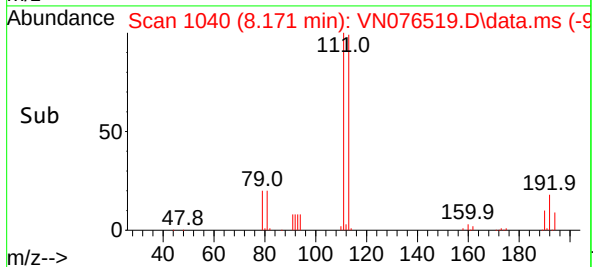
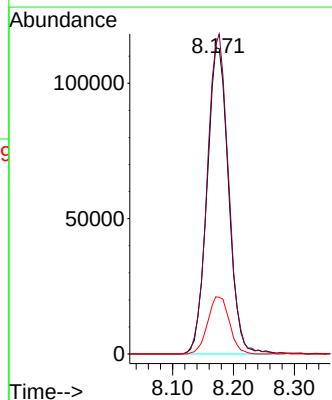
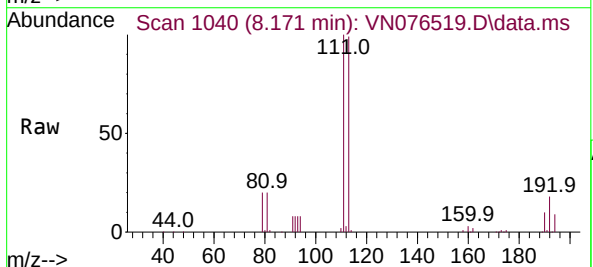
Tgt Ion:113 Resp: 278751

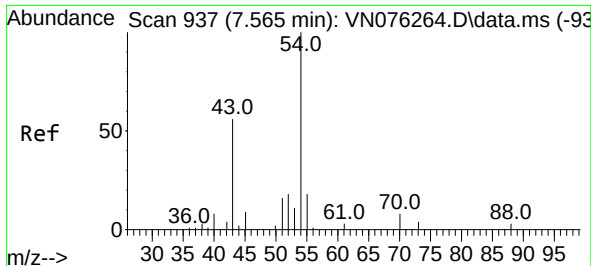
Ion Ratio Lower Upper

113 100

111 103.1 82.7 124.1

192 18.7 15.6 23.4

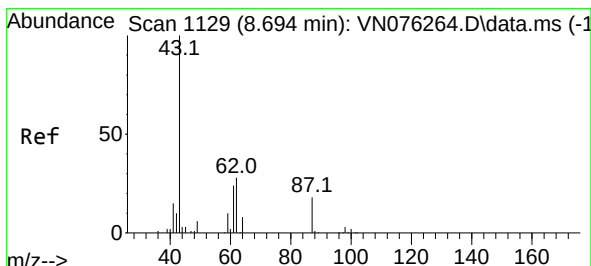
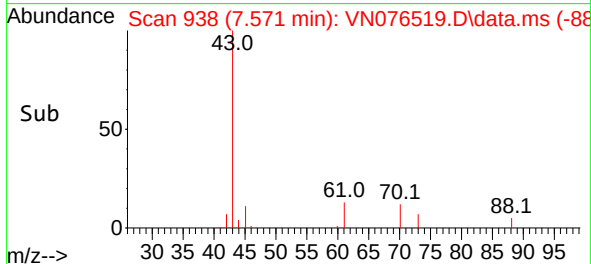
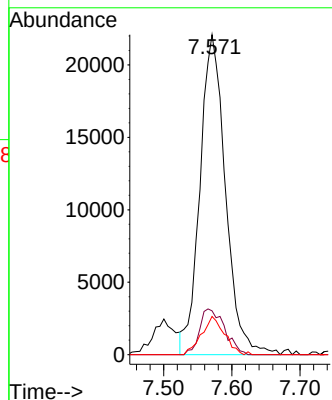
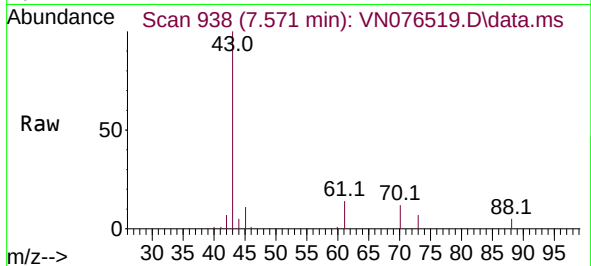




#37
Ethyl Acetate
Concen: 8.607 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076519.D
Acq: 02 Feb 2023 18:52

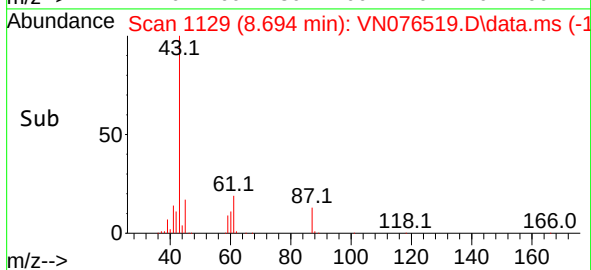
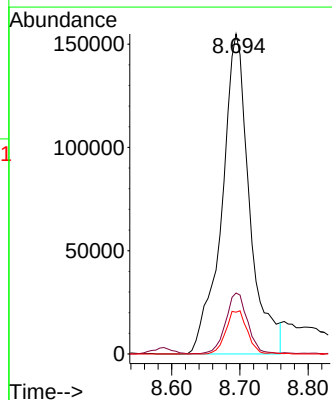
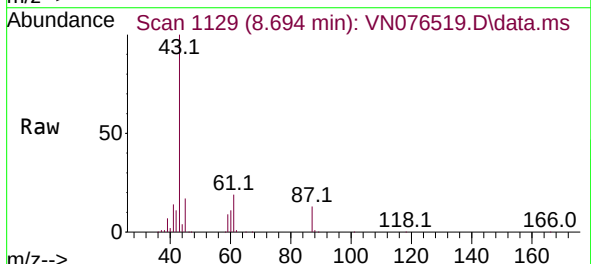
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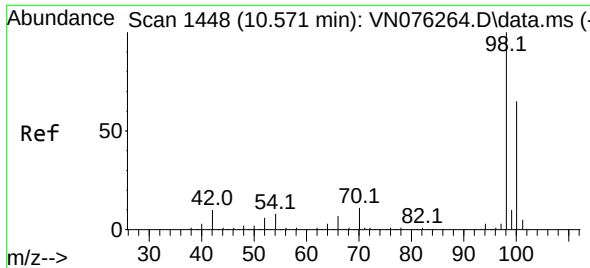
Tgt Ion: 43 Resp: 57524
Ion Ratio Lower Upper
43 100
61 14.1 11.1 16.7
70 10.6 10.0 15.0



#43
Isopropyl Acetate
Concen: 40.231 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076519.D
Acq: 02 Feb 2023 18:52

Tgt Ion: 43 Resp: 438947
Ion Ratio Lower Upper
43 100
61 15.1 23.5 35.3#
87 10.3 13.8 20.6#

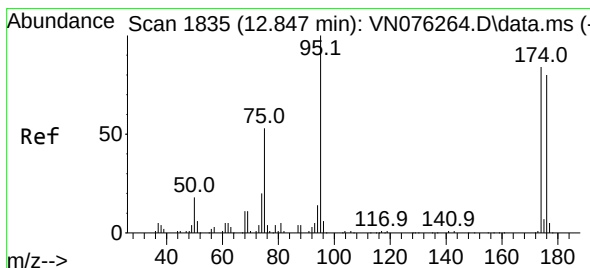
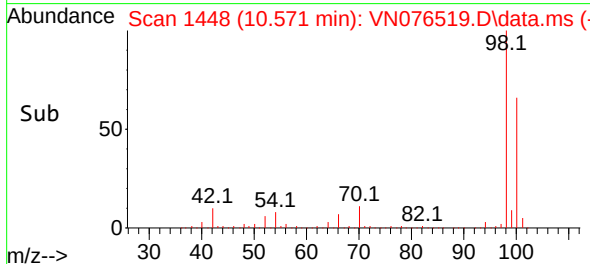
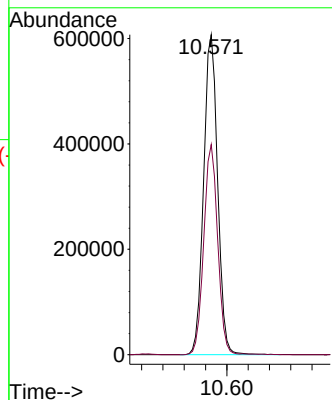
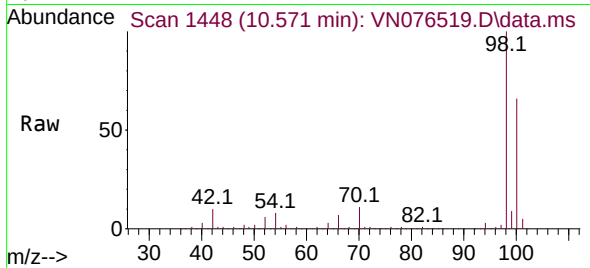




#50
Toluene-d8
Concen: 50.927 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076519.D
Acq: 02 Feb 2023 18:52

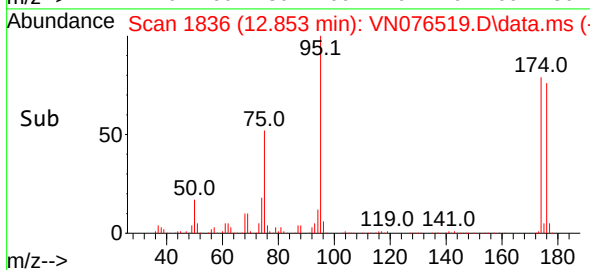
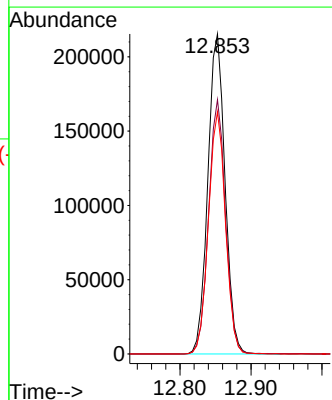
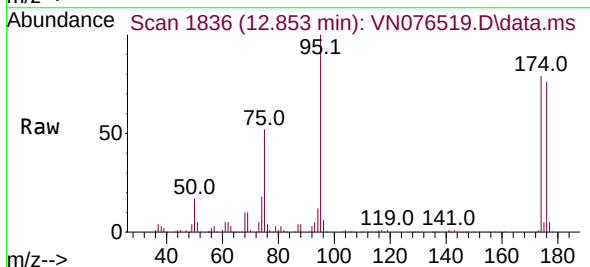
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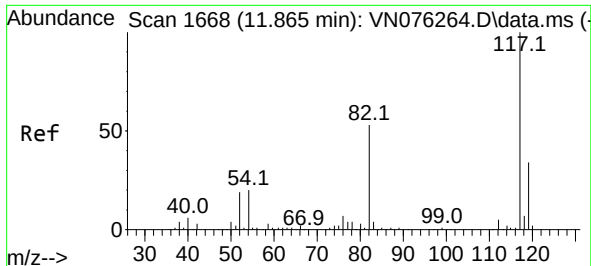
Tgt Ion: 98 Resp: 1106758
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 51.010 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076519.D
Acq: 02 Feb 2023 18:52

Tgt Ion: 95 Resp: 361890
Ion Ratio Lower Upper
95 100
174 78.4 0.0 174.6
176 75.0 0.0 167.8

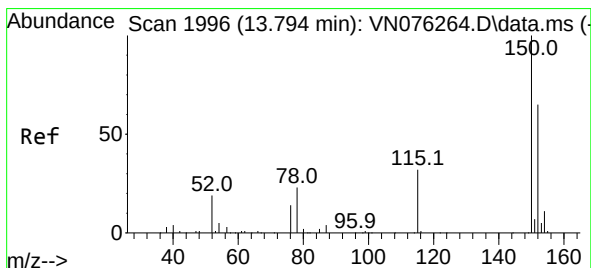
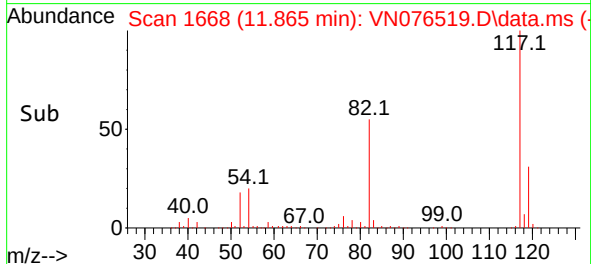
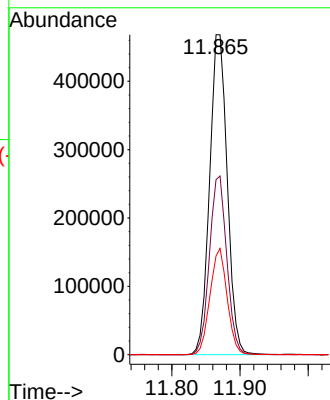
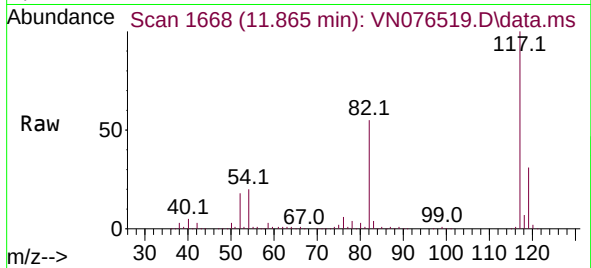




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076519.D
Acq: 02 Feb 2023 18:52

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Tgt Ion:117 Resp: 843675
Ion Ratio Lower Upper
117 100
82 54.7 42.2 63.2
119 30.9 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: VN076519.D
Acq: 02 Feb 2023 18:52

Tgt Ion:152 Resp: 323369
Ion Ratio Lower Upper
152 100
115 60.7 29.6 88.9
150 157.0 0.0 351.4

