

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020223\
 Data File : VN076518.D
 Acq On : 02 Feb 2023 18:28
 Operator : JC\MD
 Sample : PB150614ZHE#4
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB150614ZHE#4

Quant Time: Feb 03 01:04:30 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)

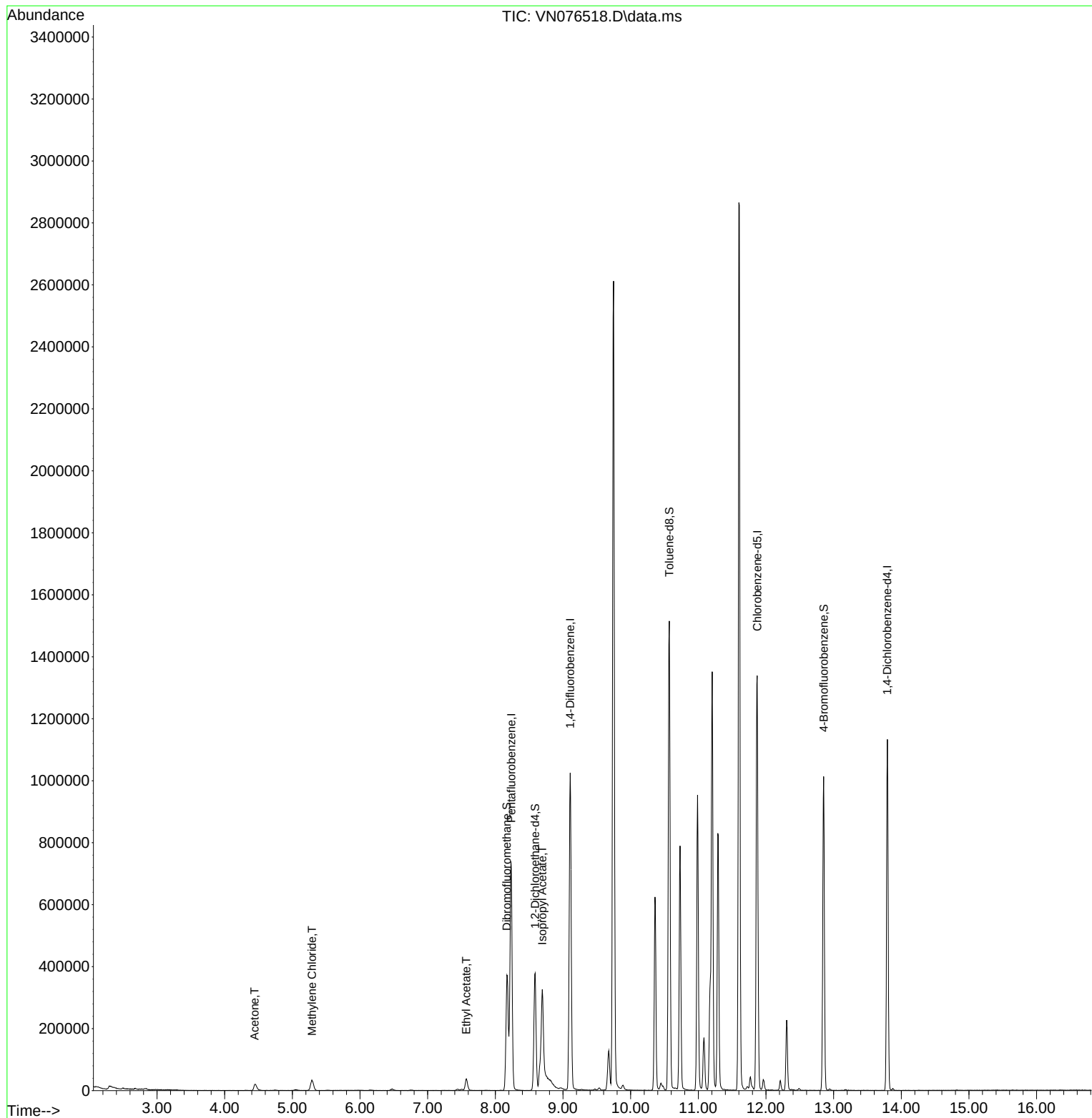
Internal Standards						
1) Pentafluorobenzene	8.235	168	546029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	934898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	829872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	313883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	324228	53.032	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.060%	
35) Dibromofluoromethane	8.171	113	275201	47.058	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.120%	
50) Toluene-d8	10.571	98	1093210	50.616	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.240%	
62) 4-Bromofluorobenzene	12.853	95	356680	50.588	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.180%	
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	41771	21.246	ug/l	89
20) Methylene Chloride	5.289	84	27262	4.148	ug/l	94
37) Ethyl Acetate	7.571	43	54562	8.216	ug/l #	96
43) Isopropyl Acetate	8.694	43	507241	46.779	ug/l #	73

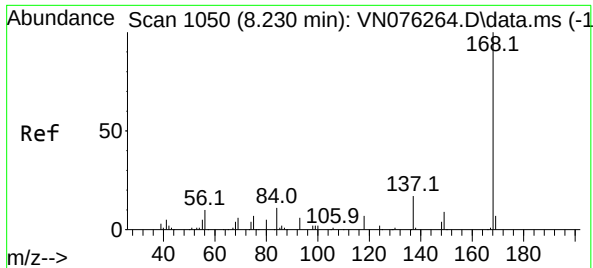
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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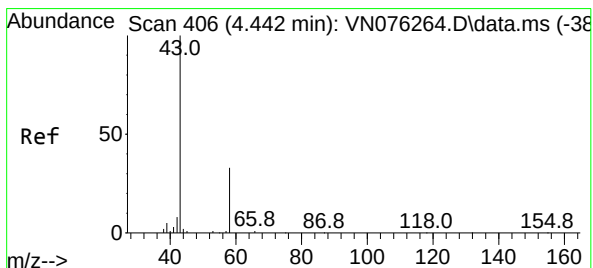
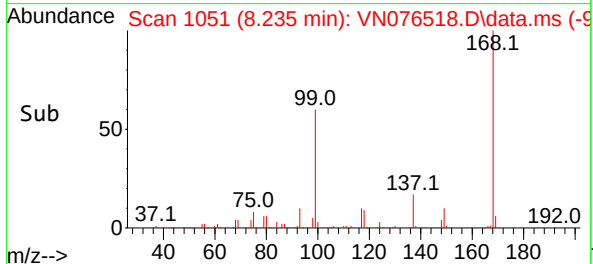
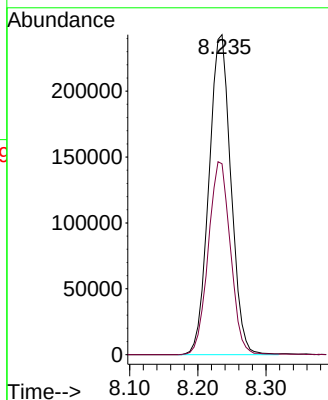
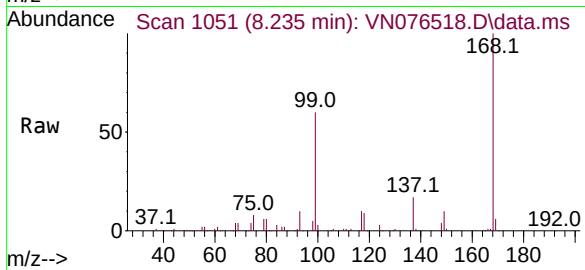




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN076518.D
Acq: 02 Feb 2023 18:28

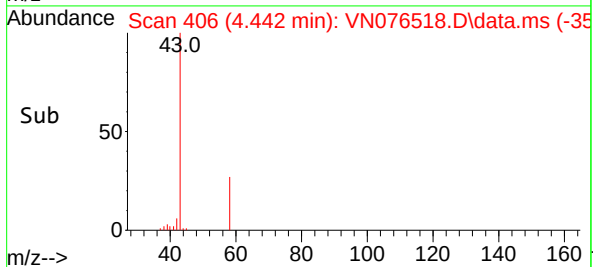
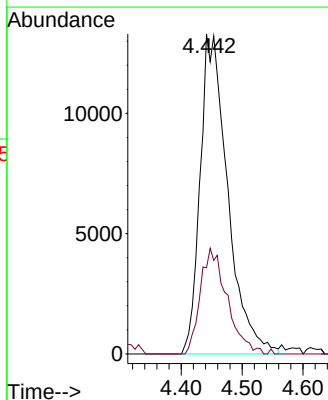
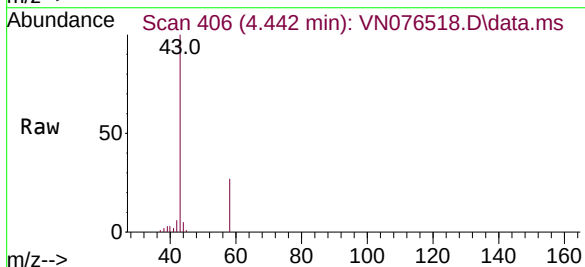
Instrument :
MSVOA_N
ClientSampleId :
PB150614ZHE#4

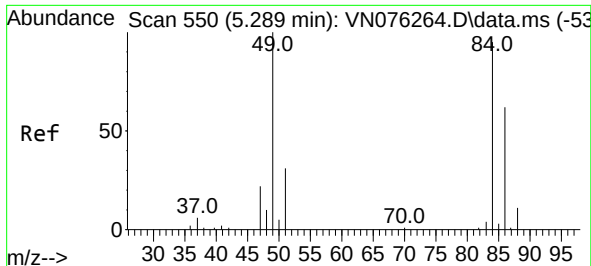
Tgt Ion:168 Resp: 546029
Ion Ratio Lower Upper
168 100
99 59.7 41.6 62.4



#16
Acetone
Concen: 21.246 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076518.D
Acq: 02 Feb 2023 18:28

Tgt Ion: 43 Resp: 41771
Ion Ratio Lower Upper
43 100
58 27.0 26.7 40.1

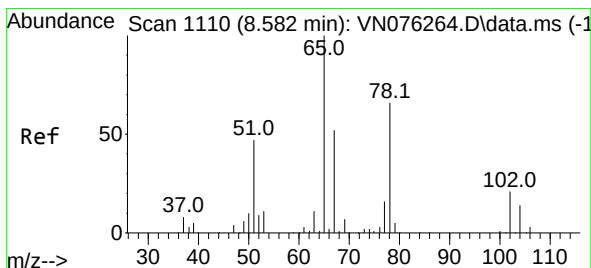
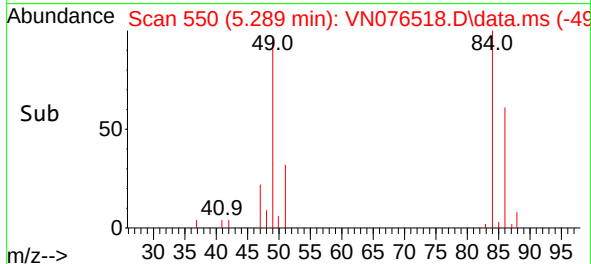
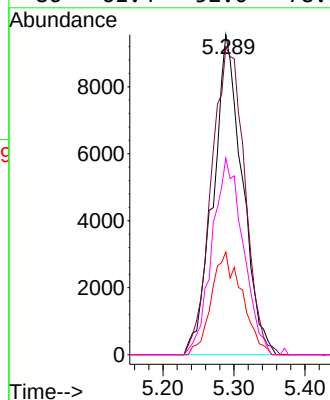
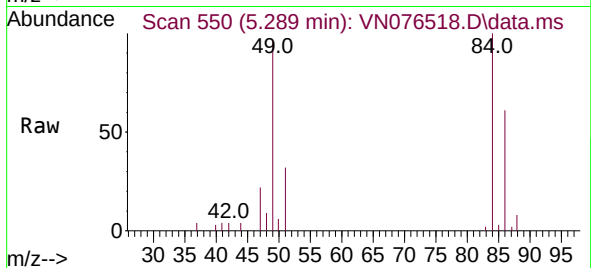




#20
Methylene Chloride
Concen: 4.148 ug/l
RT: 5.289 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN076518.D
Acq: 02 Feb 2023 18:28

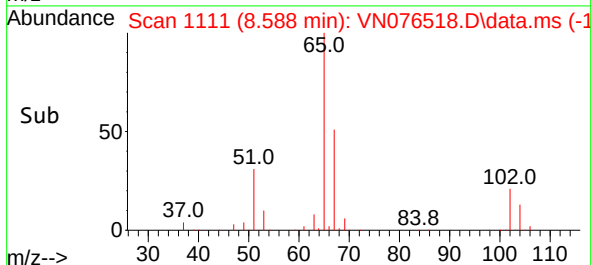
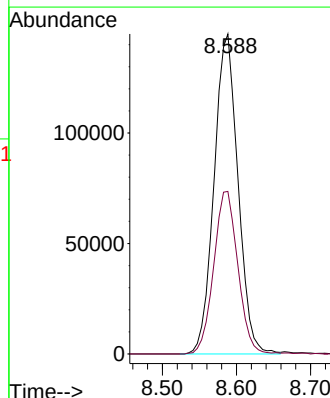
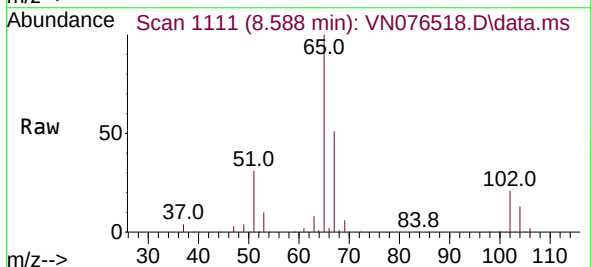
Instrument :
MSVOA_N
ClientSampleId :
PB150614ZHE#4

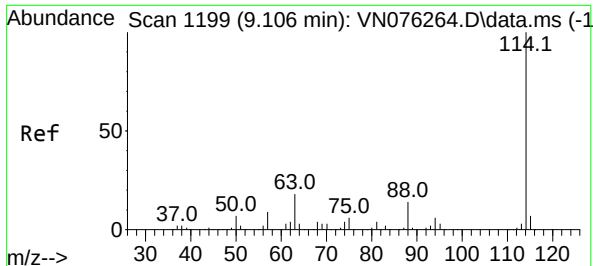
Tgt Ion: 84	Resp: 27262
Ion Ratio	Lower Upper
84 100	
49 96.2	84.5 126.7
51 32.1	26.0 39.0
86 61.4	52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 53.032 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076518.D
Acq: 02 Feb 2023 18:28

Tgt Ion: 65	Resp: 324228
Ion Ratio	Lower Upper
65 100	
67 51.5	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: VN076518.D

Acq: 02 Feb 2023 18:28

Instrument :

MSVOA_N

ClientSampleId :

PB150614ZHE#4

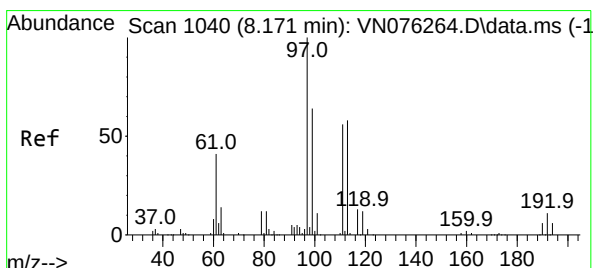
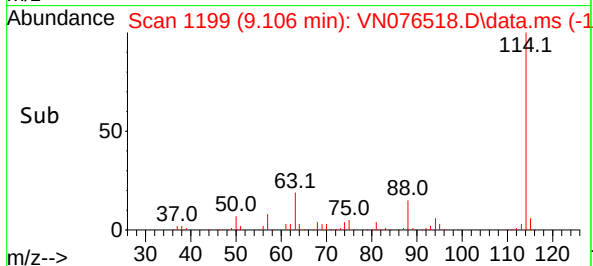
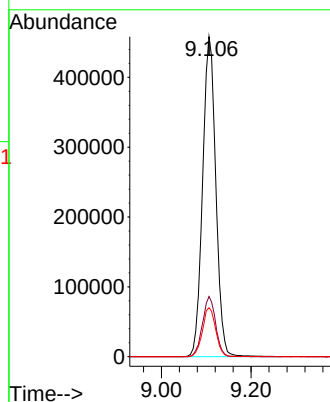
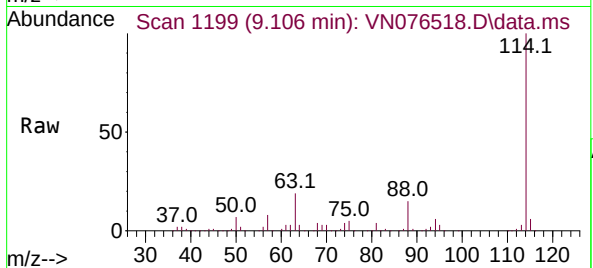
Tgt Ion:114 Resp: 934898

Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.8

88 15.3 0.0 28.0



#35

Dibromofluoromethane

Concen: 47.058 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076518.D

Acq: 02 Feb 2023 18:28

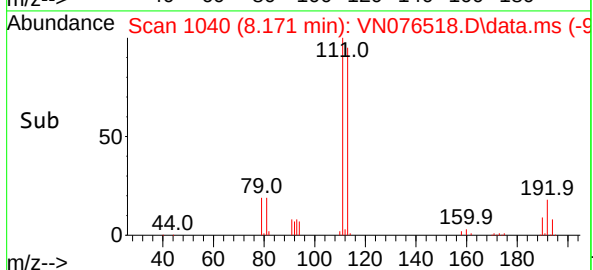
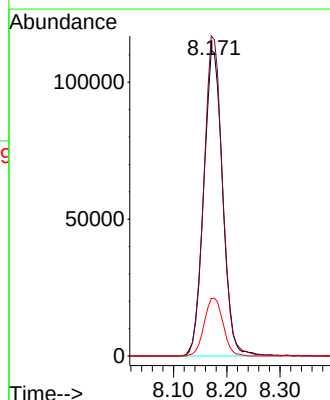
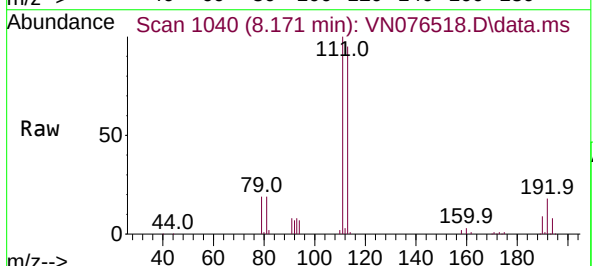
Tgt Ion:113 Resp: 275201

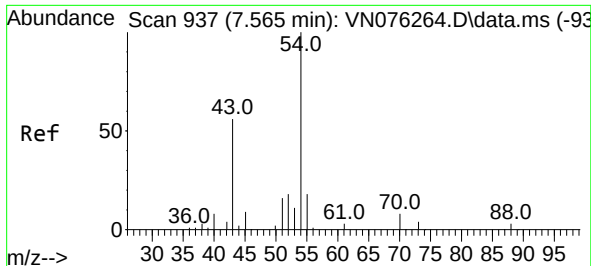
Ion Ratio Lower Upper

113 100

111 103.2 82.7 124.1

192 18.9 15.6 23.4

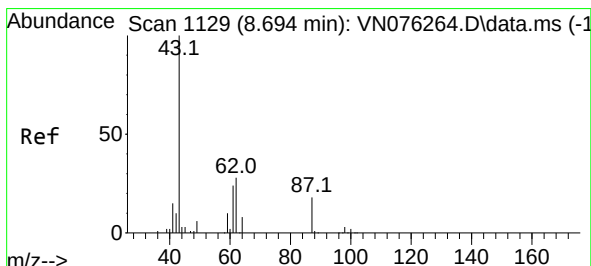
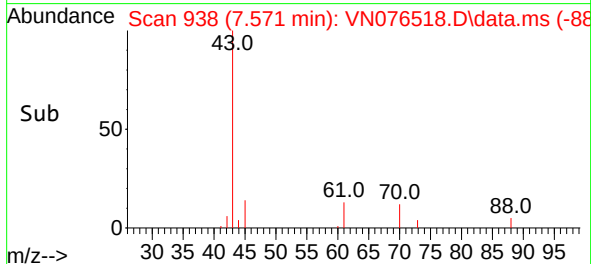
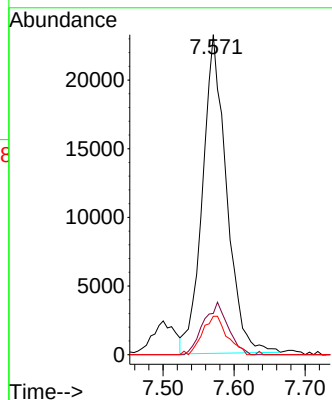
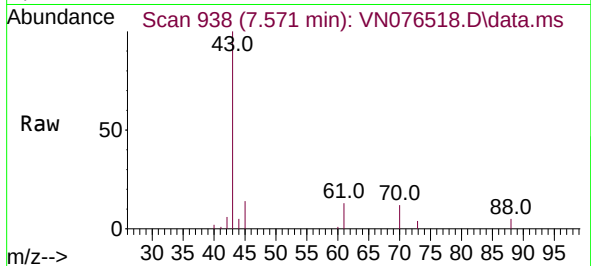




#37
Ethyl Acetate
Concen: 8.216 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076518.D
Acq: 02 Feb 2023 18:28

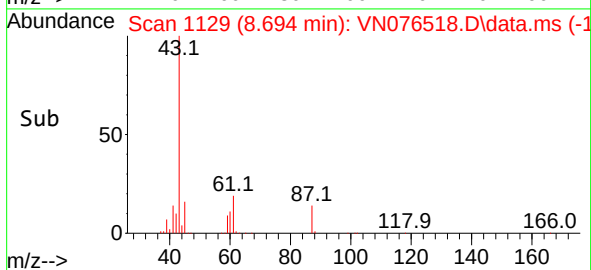
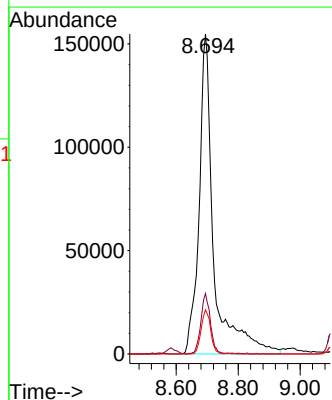
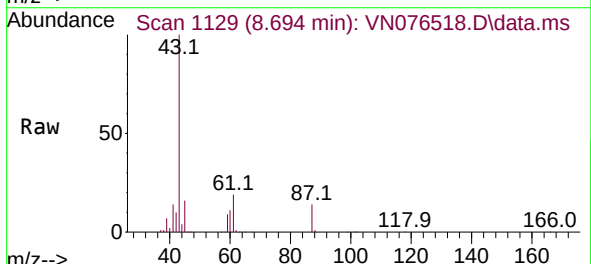
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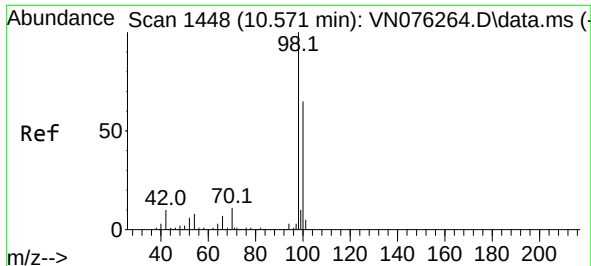
Tgt Ion: 43 Resp: 54562
Ion Ratio Lower Upper
43 100
61 16.8 11.1 16.7#
70 12.5 10.0 15.0



#43
Isopropyl Acetate
Concen: 46.779 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076518.D
Acq: 02 Feb 2023 18:28

Tgt Ion: 43 Resp: 507241
Ion Ratio Lower Upper
43 100
61 12.3 23.5 35.3#
87 8.9 13.8 20.6#

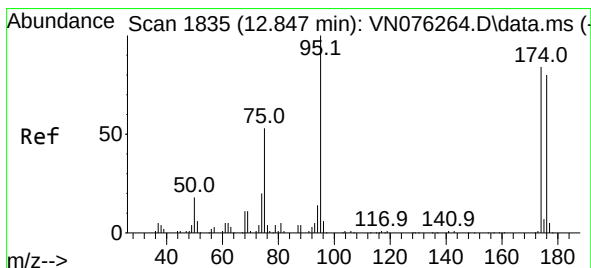
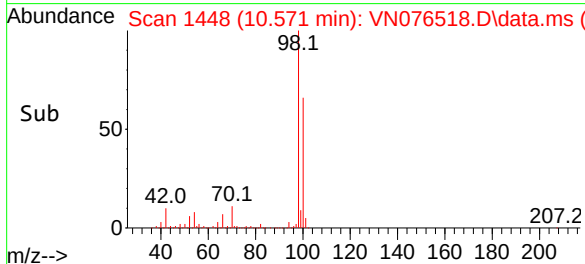
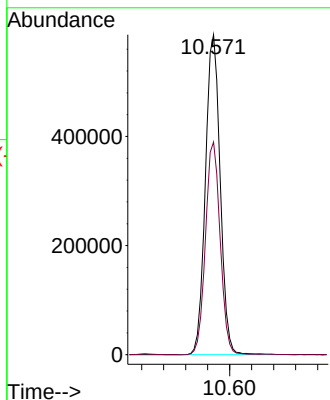
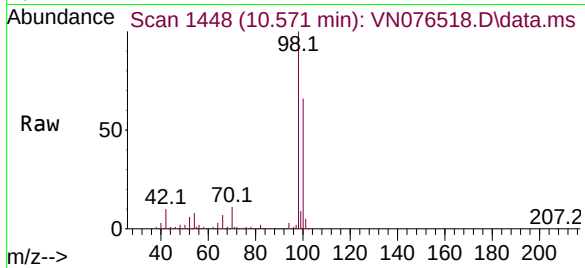




#50
Toluene-d8
Concen: 50.616 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076518.D
Acq: 02 Feb 2023 18:28

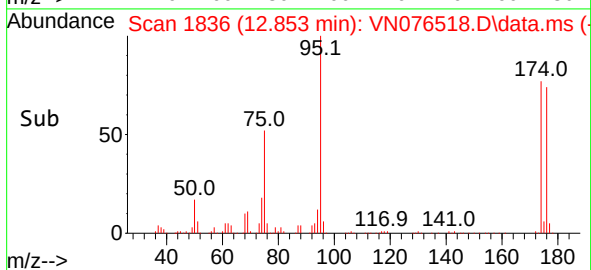
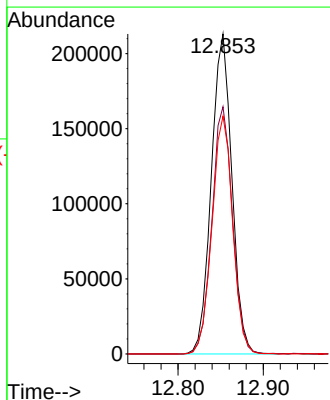
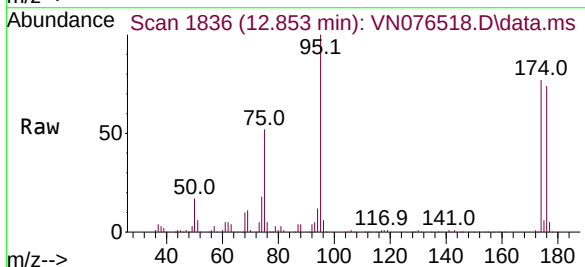
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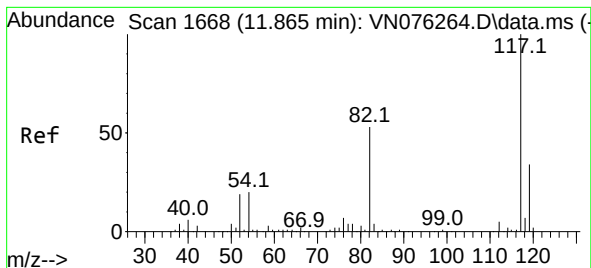
Tgt Ion: 98 Resp: 1093210
Ion Ratio Lower Upper
98 100
100 66.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 50.588 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076518.D
Acq: 02 Feb 2023 18:28

Tgt Ion: 95 Resp: 356680
Ion Ratio Lower Upper
95 100
174 77.7 0.0 174.6
176 74.7 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN076518.D

Acq: 02 Feb 2023 18:28

Instrument :

MSVOA_N

ClientSampleId :

PB150614ZHE#4

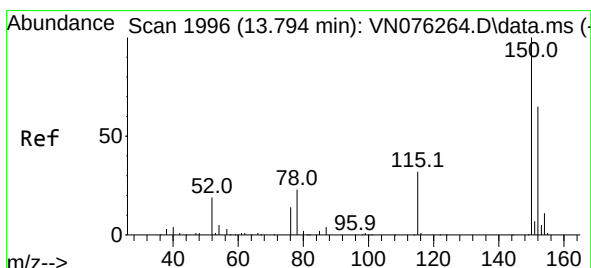
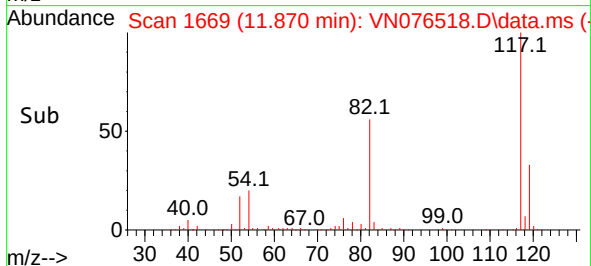
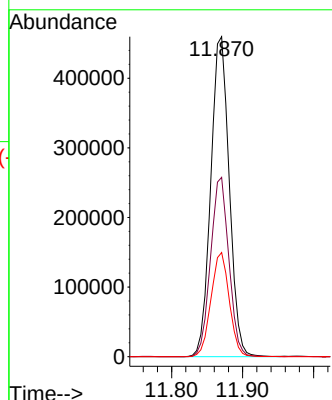
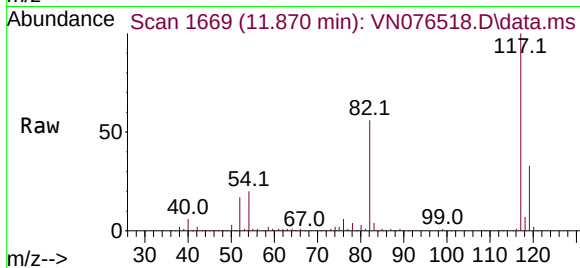
Tgt Ion:117 Resp: 829872

Ion Ratio Lower Upper

117 100

82 56.0 42.2 63.2

119 32.5 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: VN076518.D

Acq: 02 Feb 2023 18:28

Tgt Ion:152 Resp: 313883

Ion Ratio Lower Upper

152 100

115 61.7 29.6 88.9

150 157.4 0.0 351.4

