

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020223\
 Data File : VN076516.D
 Acq On : 02 Feb 2023 17:39
 Operator : JC\MD
 Sample : PB150614ZHE#2
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB150614ZHE#2

Quant Time: Feb 03 01:03:39 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)

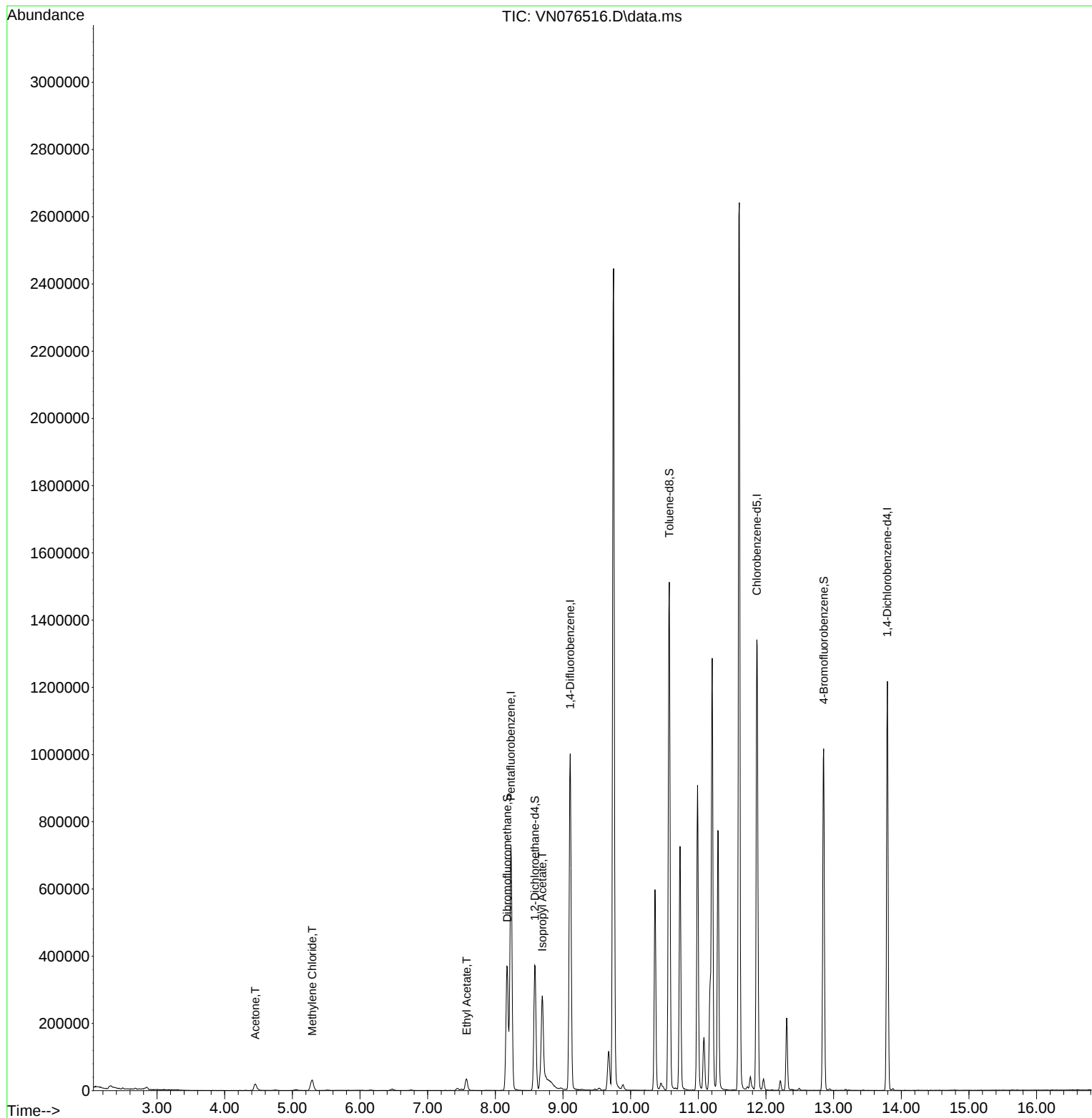
Internal Standards						
1) Pentafluorobenzene	8.230	168	539194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	906829	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	835367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	330998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	322816	53.471	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.940%		
35) Dibromofluoromethane	8.177	113	271090	47.789	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 95.580%		
50) Toluene-d8	10.571	98	1079323	51.520	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 103.040%		
62) 4-Bromofluorobenzene	12.853	95	367040	53.668	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 107.340%		
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	39206	20.190	ug/l	99
20) Methylene Chloride	5.295	84	26398	4.056	ug/l	93
37) Ethyl Acetate	7.577	43	52114	8.091	ug/l	97
43) Isopropyl Acetate	8.694	43	417546	39.699	ug/l #	76

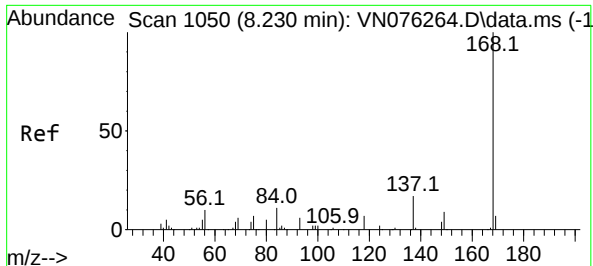
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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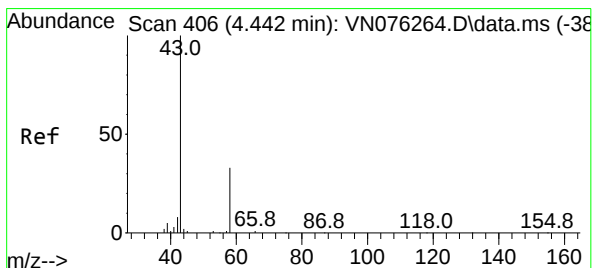
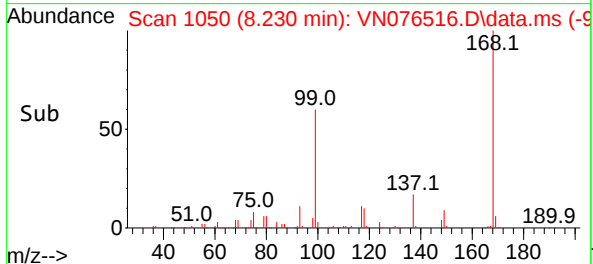
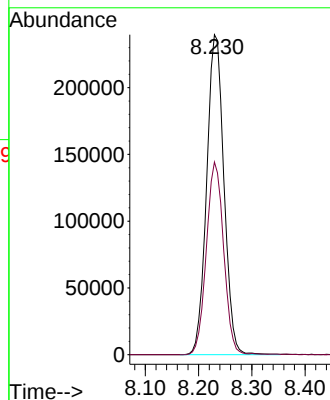
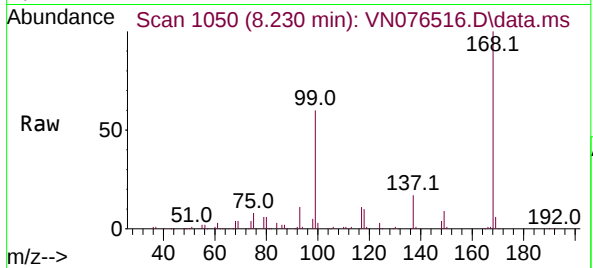




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076516.D
Acq: 02 Feb 2023 17:39

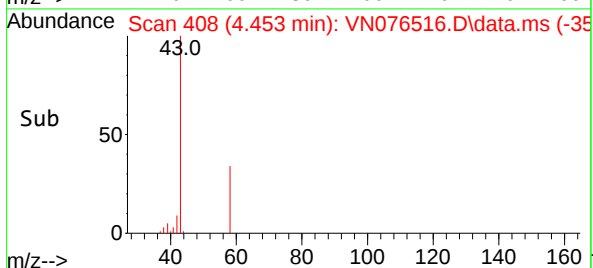
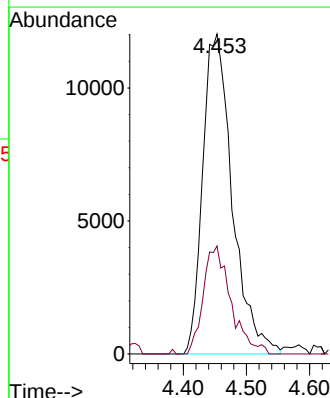
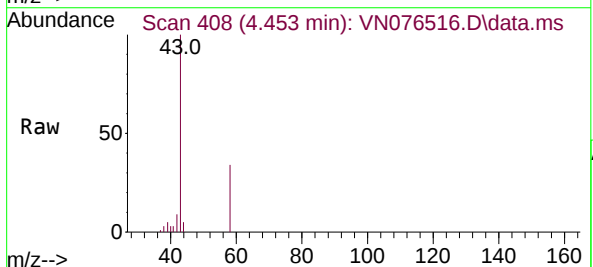
Instrument :
MSVOA_N
ClientSampleId :
PB150614ZHE#2

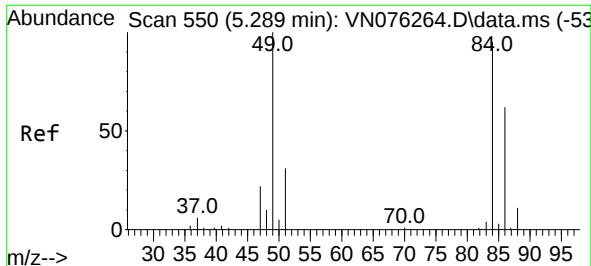
Tgt Ion:168 Resp: 539194
Ion Ratio Lower Upper
168 100
99 60.2 41.6 62.4



#16
Acetone
Concen: 20.190 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.011 min
Lab File: VN076516.D
Acq: 02 Feb 2023 17:39

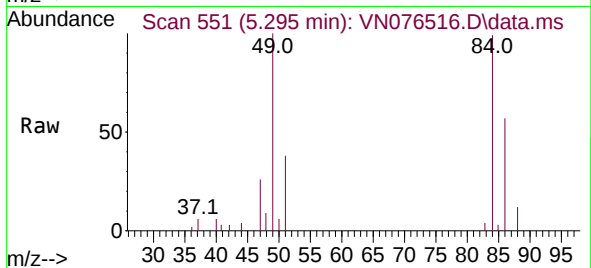
Tgt Ion: 43 Resp: 39206
Ion Ratio Lower Upper
43 100
58 33.7 26.7 40.1



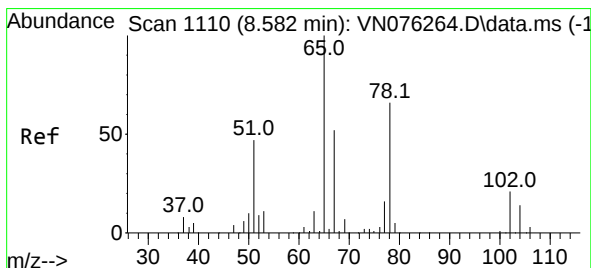
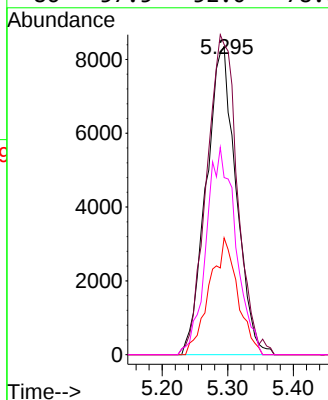
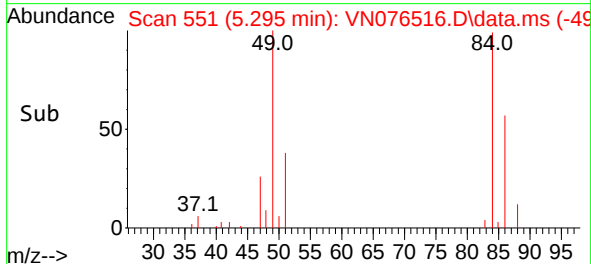


#20
Methylene Chloride
Concen: 4.056 ug/l
RT: 5.295 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN076516.D
Acq: 02 Feb 2023 17:39

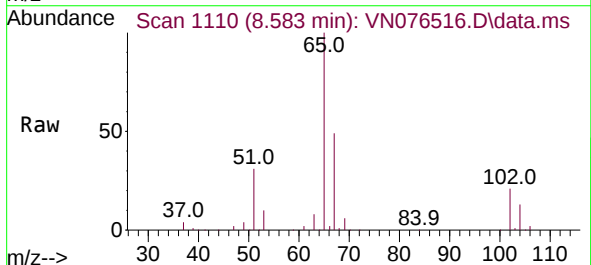
Instrument :
MSVOA_N
ClientSampleId :
PB150614ZHE#2



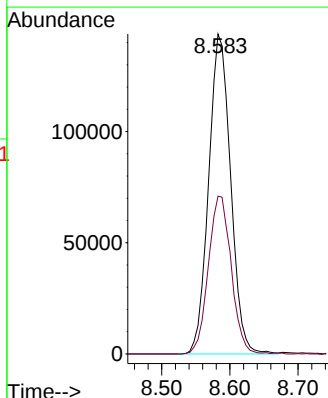
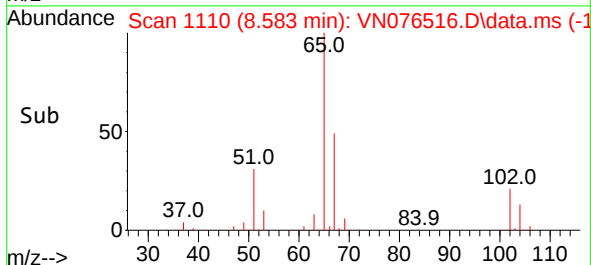
Tgt Ion: 84	Resp: 26398
Ion Ratio	Lower Upper
84 100	
49 100.7	84.5 126.7
51 37.9	26.0 39.0
86 57.5	52.0 78.0

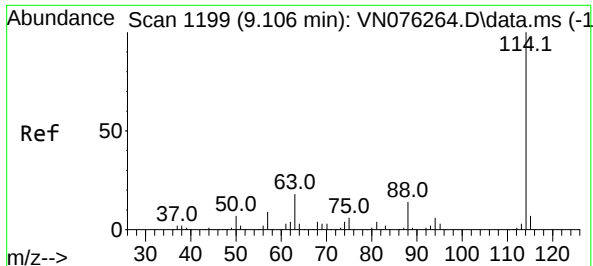


#33
1,2-Dichloroethane-d4
Concen: 53.471 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.001 min
Lab File: VN076516.D
Acq: 02 Feb 2023 17:39



Tgt Ion: 65	Resp: 322816
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: VN076516.D

Acq: 02 Feb 2023 17:39

Instrument :

MSVOA_N

ClientSampleId :

PB150614ZHE#2

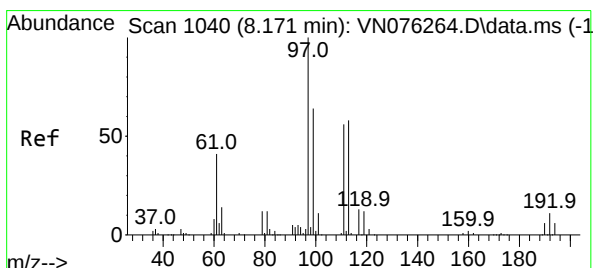
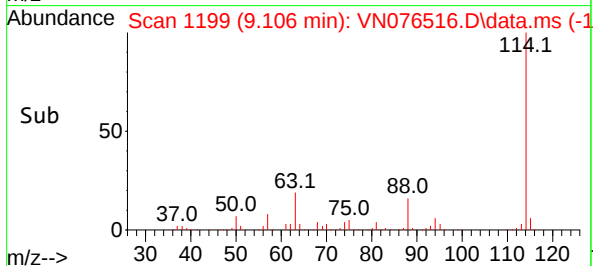
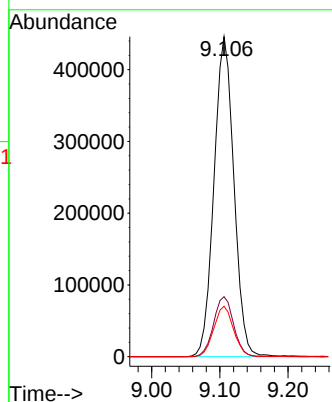
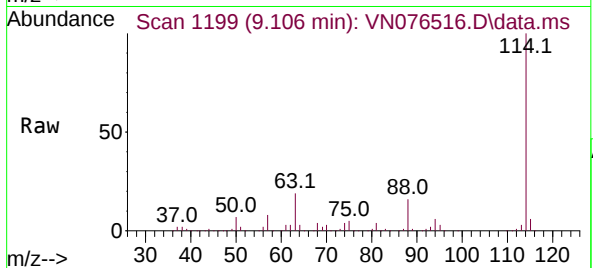
Tgt Ion:114 Resp: 906829

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.8

88 15.8 0.0 28.0



#35

Dibromofluoromethane

Concen: 47.789 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076516.D

Acq: 02 Feb 2023 17:39

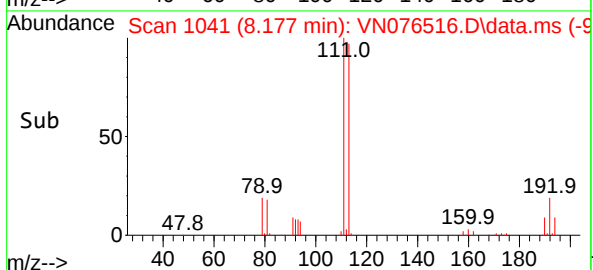
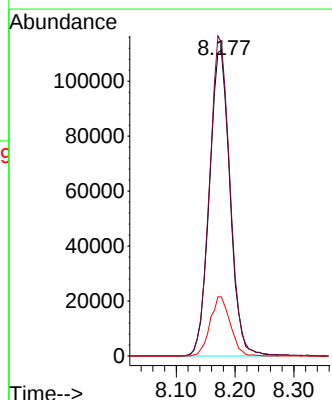
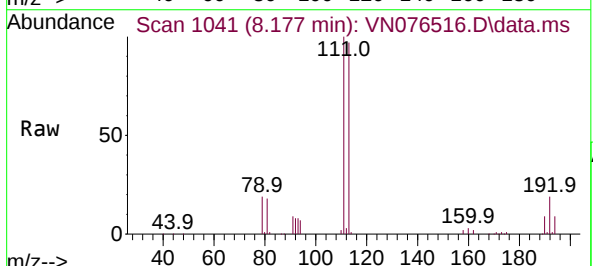
Tgt Ion:113 Resp: 271090

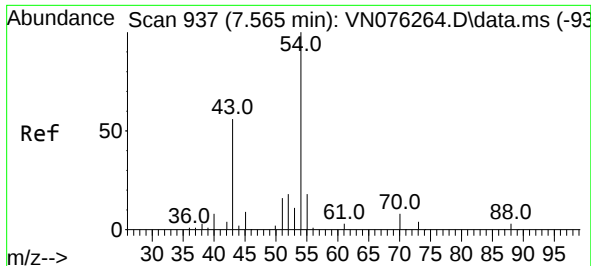
Ion Ratio Lower Upper

113 100

111 103.5 82.7 124.1

192 18.9 15.6 23.4

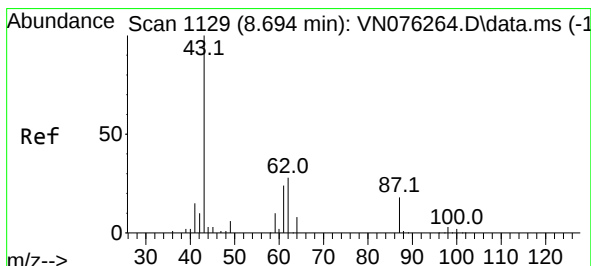
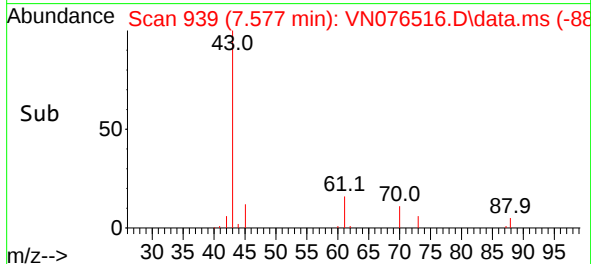
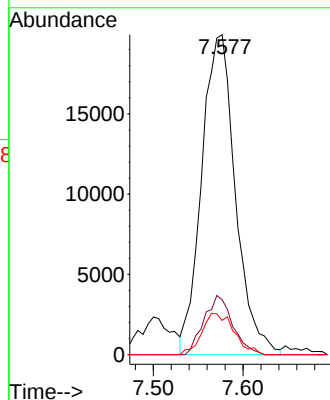
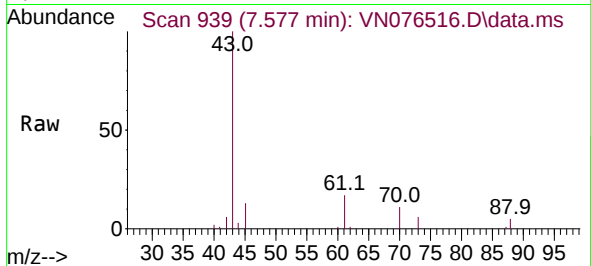




#37
Ethyl Acetate
Concen: 8.091 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN076516.D
Acq: 02 Feb 2023 17:39

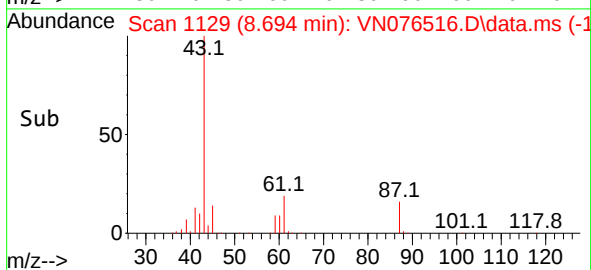
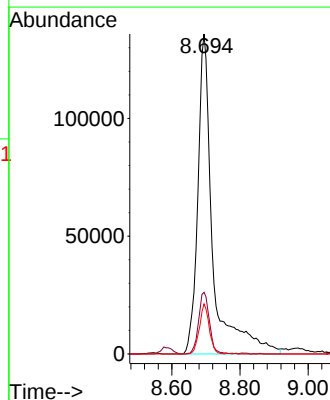
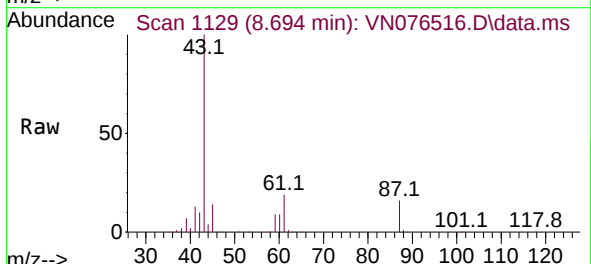
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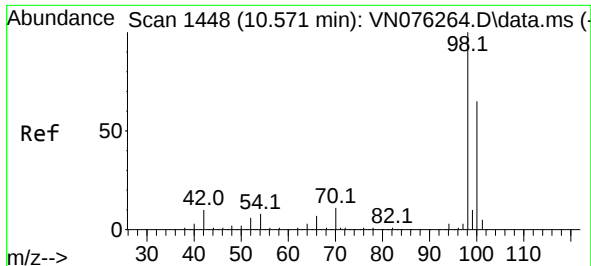
Tgt Ion:	43	Resp:	52114
Ion	Ratio	Lower	Upper
43	100		
61	15.7	11.1	16.7
70	12.3	10.0	15.0



#43
Isopropyl Acetate
Concen: 39.699 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076516.D
Acq: 02 Feb 2023 17:39

Tgt Ion:	43	Resp:	417546
Ion	Ratio	Lower	Upper
43	100		
61	13.8	23.5	35.3#
87	10.1	13.8	20.6#

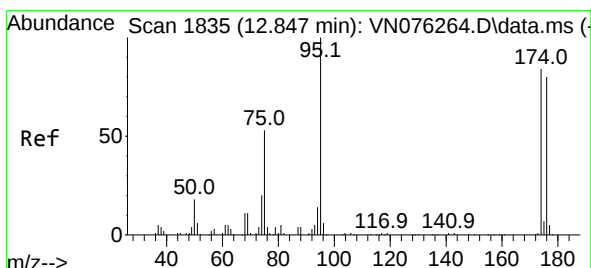
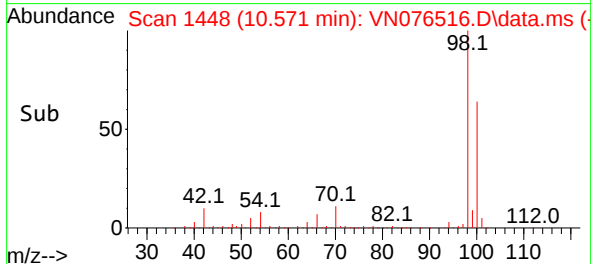
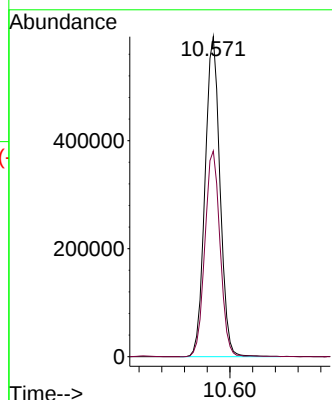
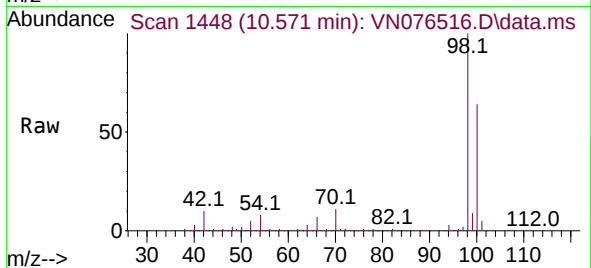




#50
Toluene-d8
Concen: 51.520 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076516.D
Acq: 02 Feb 2023 17:39

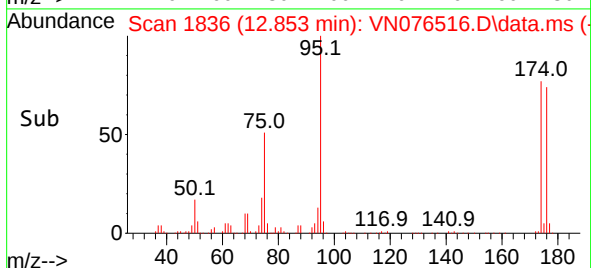
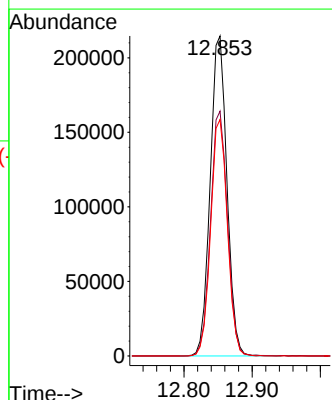
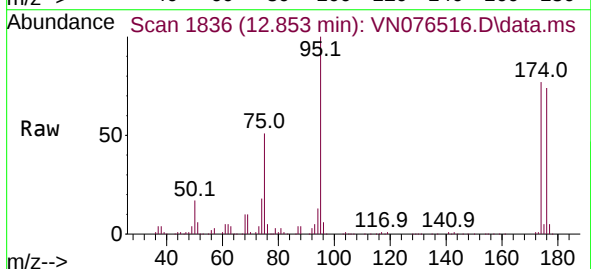
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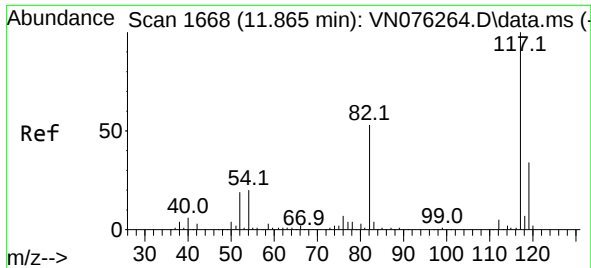
Tgt Ion: 98 Resp: 1079323
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 53.668 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076516.D
Acq: 02 Feb 2023 17:39

Tgt Ion: 95 Resp: 367040
Ion Ratio Lower Upper
95 100
174 77.4 0.0 174.6
176 73.6 0.0 167.8

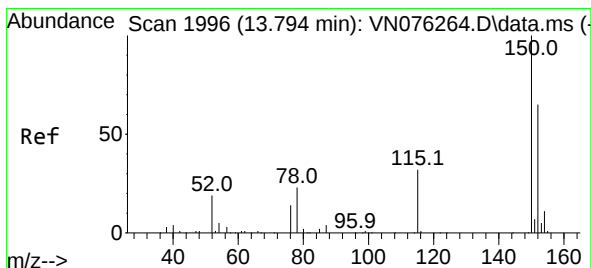
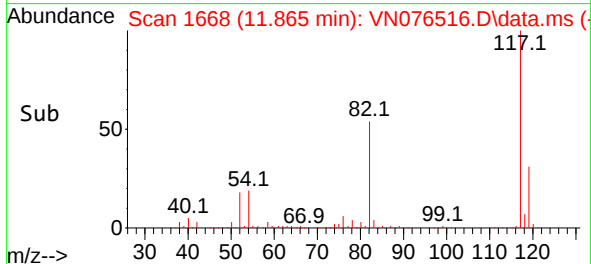
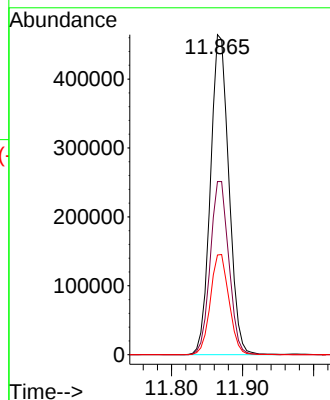
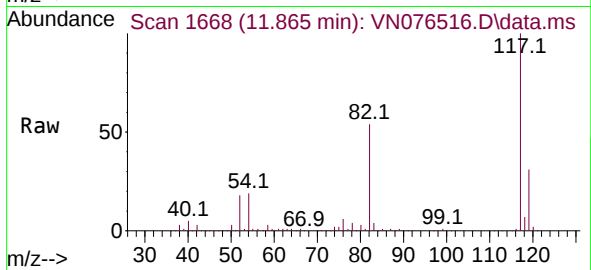




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076516.D
Acq: 02 Feb 2023 17:39

Instrument :
MSVOA_N
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PB150614ZHE#2

Tgt Ion:117 Resp: 835367
Ion Ratio Lower Upper
117 100
82 54.1 42.2 63.2
119 31.1 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: VN076516.D
Acq: 02 Feb 2023 17:39

Tgt Ion:152 Resp: 330998
Ion Ratio Lower Upper
152 100
115 61.4 29.6 88.9
150 158.8 0.0 351.4

