

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011823\
 Data File : VN076296.D
 Acq On : 18 Jan 2023 15:46
 Operator : JC\MD
 Sample : 01155-01
 Misc : 1.15g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 34254

Quant Time: Jan 19 00:50:52 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)

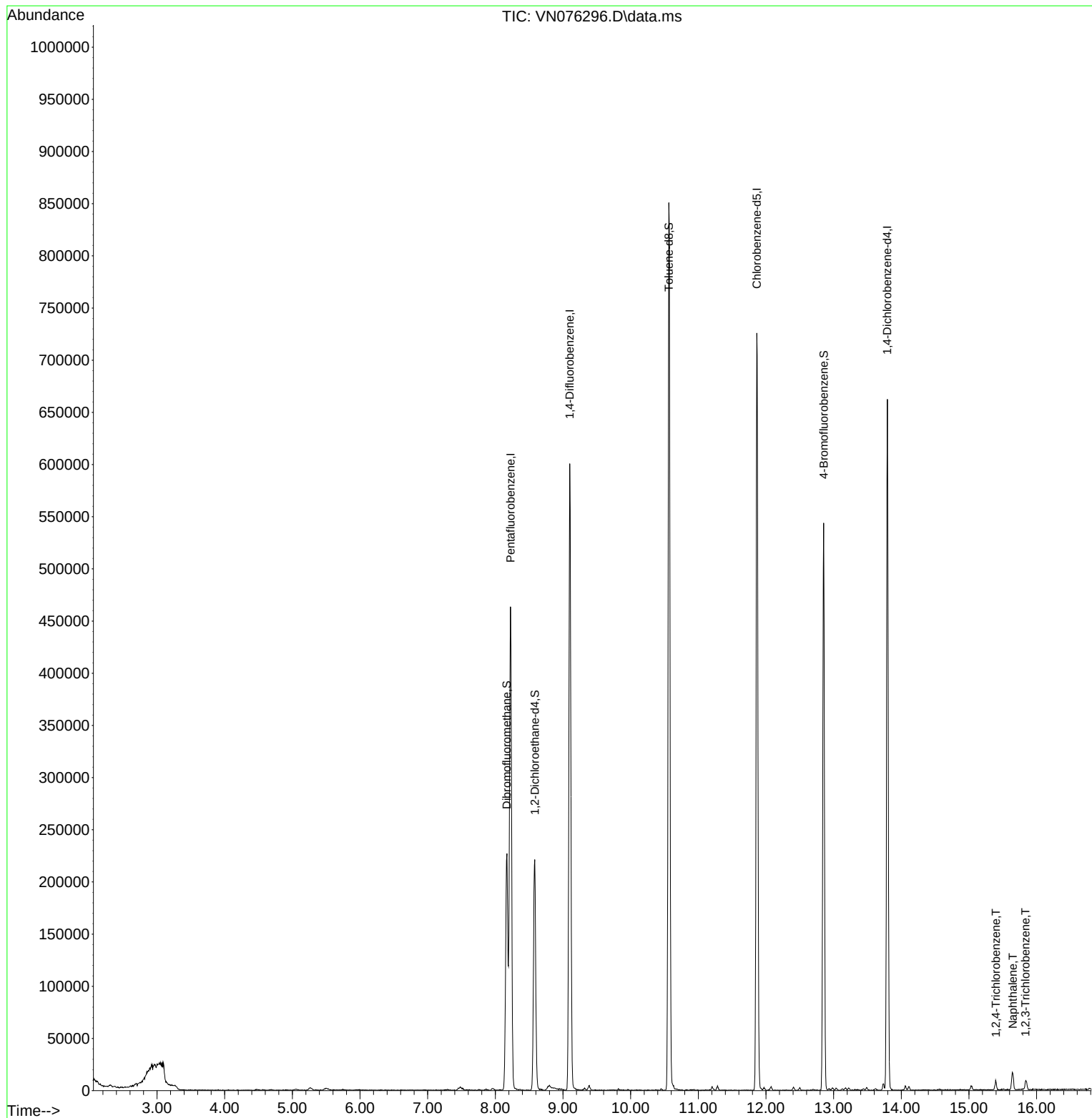
Internal Standards						
1) Pentafluorobenzene	8.224	168	356355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	551811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	449931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	186609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	181096	45.387	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.780%
35) Dibromofluoromethane	8.171	113	159508	46.210	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.420%
50) Toluene-d8	10.565	98	620830	48.700	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.400%
62) 4-Bromofluorobenzene	12.853	95	182823	43.931	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.860%
Target Compounds						
					Qvalue	
93) 1,2,4-Trichlorobenzene	15.400	180	3418	2.322	ug/l	95
95) Naphthalene	15.647	128	17593	3.587	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	3647	2.295	ug/l	94

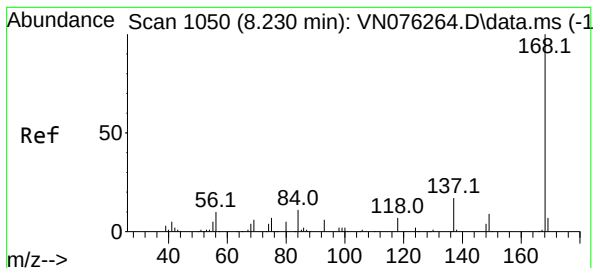
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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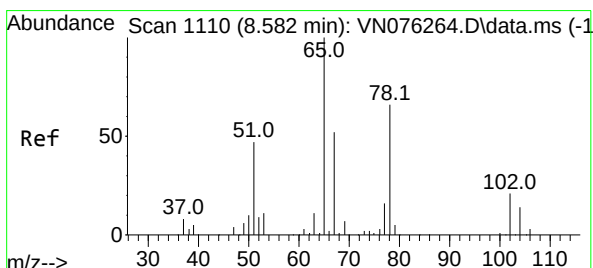
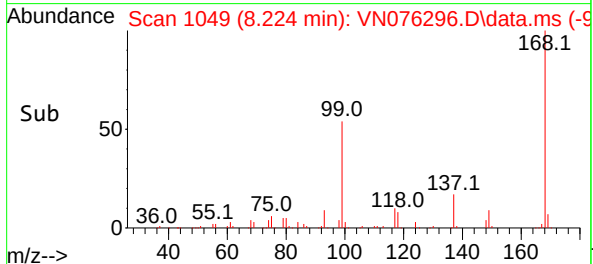
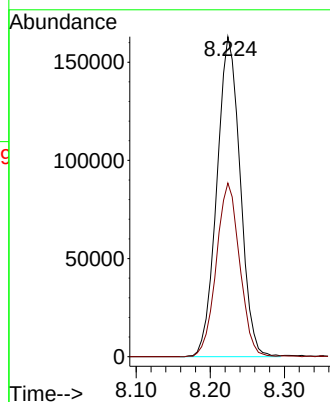
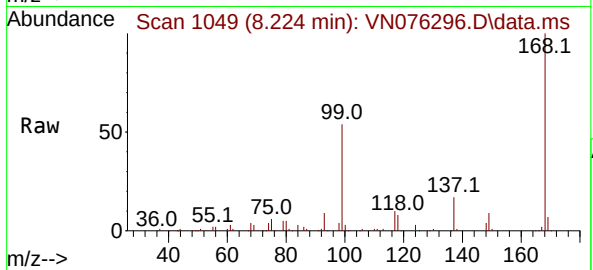




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN076296.D
Acq: 18 Jan 2023 15:46

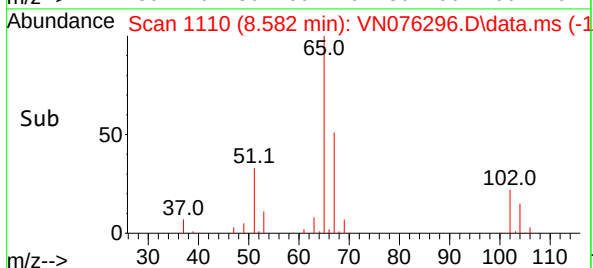
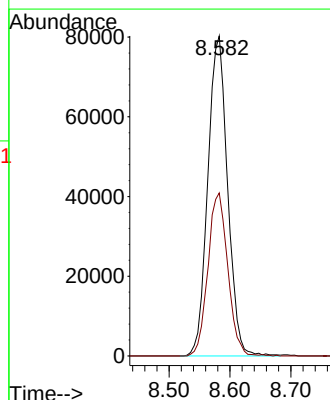
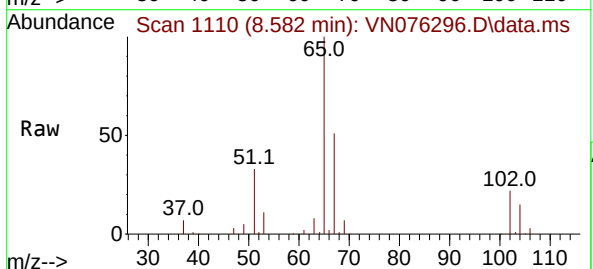
Instrument :
MSVOA_N
ClientSampleId :
34254

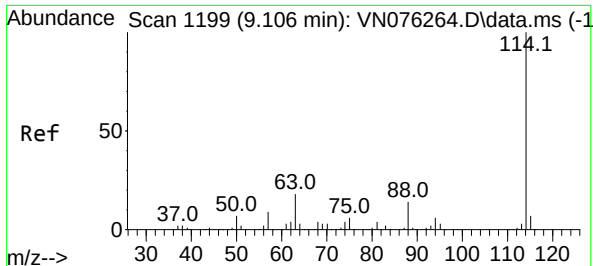
Tgt Ion:168 Resp: 356355
Ion Ratio Lower Upper
168 100
99 54.2 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 45.387 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076296.D
Acq: 18 Jan 2023 15:46

Tgt Ion: 65 Resp: 181096
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN076296.D

Acq: 18 Jan 2023 15:46

Instrument :

MSVOA_N

ClientSampleId :

34254

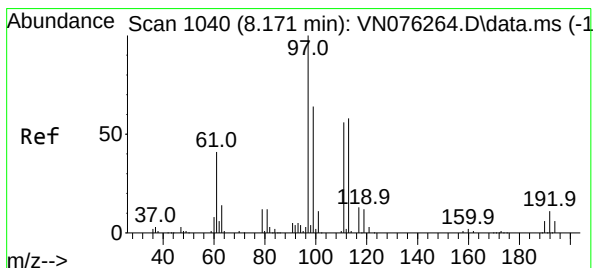
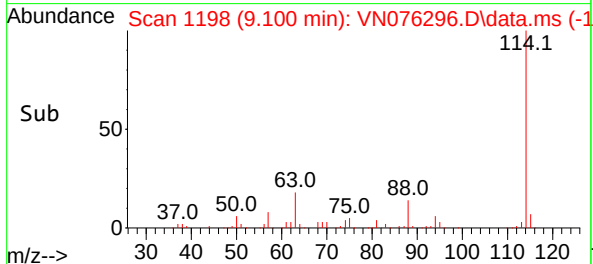
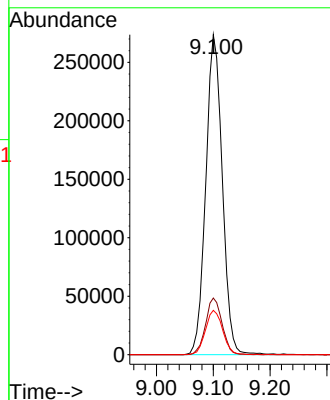
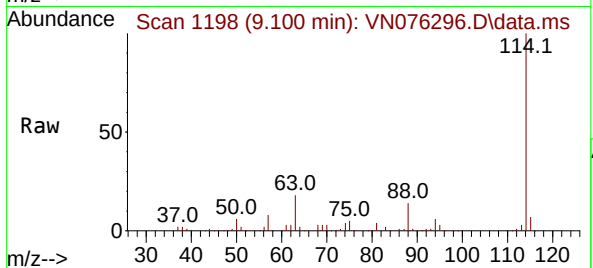
Tgt Ion:114 Resp: 551811

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.8

88 13.9 0.0 28.0



#35

Dibromofluoromethane

Concen: 46.210 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076296.D

Acq: 18 Jan 2023 15:46

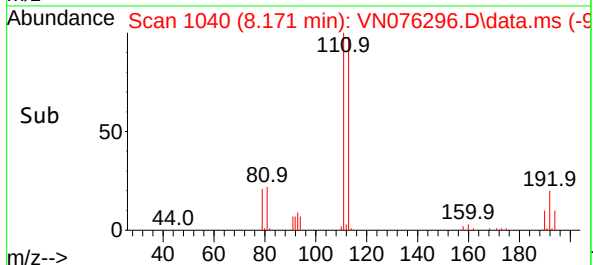
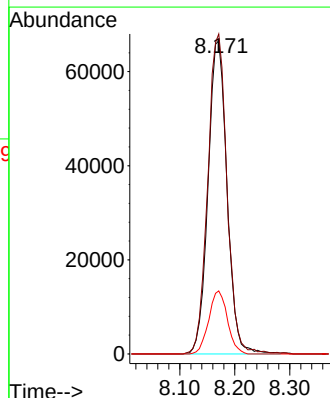
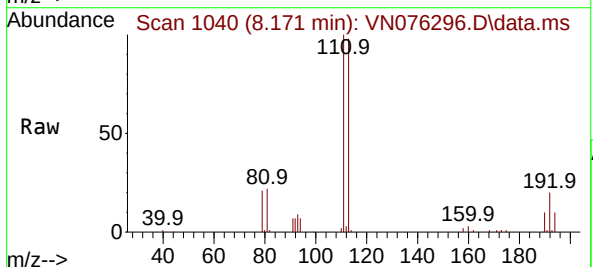
Tgt Ion:113 Resp: 159508

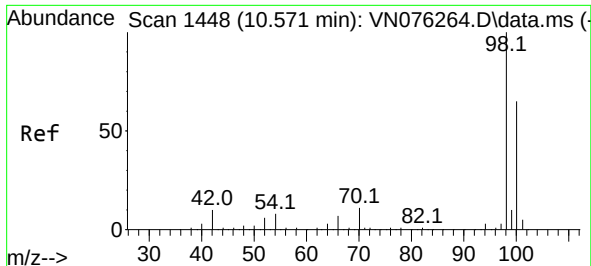
Ion Ratio Lower Upper

113 100

111 103.6 82.7 124.1

192 19.9 15.6 23.4

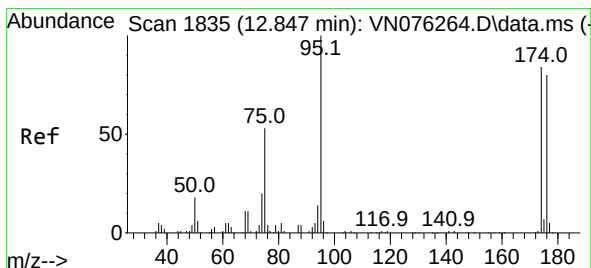
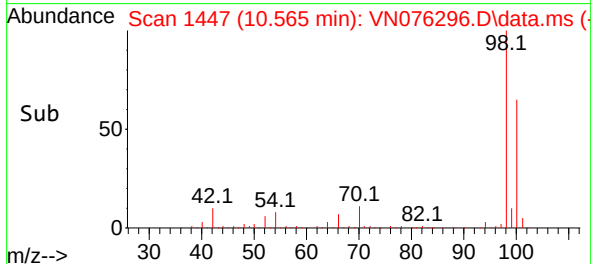
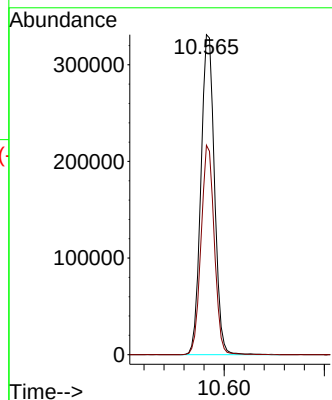
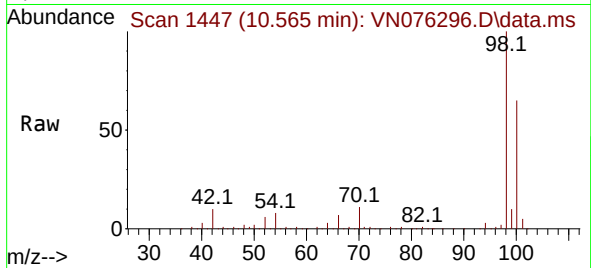




#50
Toluene-d8
Concen: 48.700 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN076296.D
Acq: 18 Jan 2023 15:46

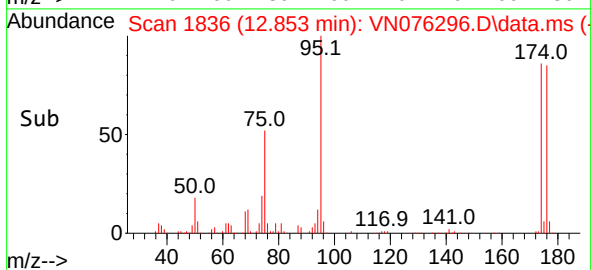
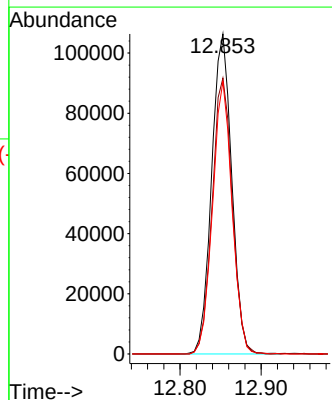
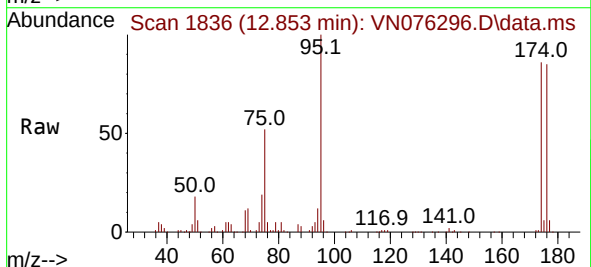
Instrument :
MSVOA_N
ClientSampleId :
34254

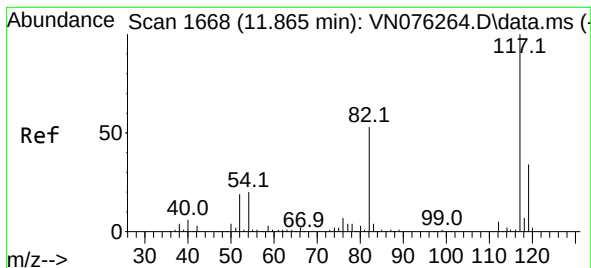
Tgt Ion: 98 Resp: 620830
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 43.931 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076296.D
Acq: 18 Jan 2023 15:46

Tgt Ion: 95 Resp: 182823
Ion Ratio Lower Upper
95 100
174 86.3 0.0 174.6
176 82.6 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076296.D

Acq: 18 Jan 2023 15:46

Instrument :

MSVOA_N

ClientSampleId :

34254

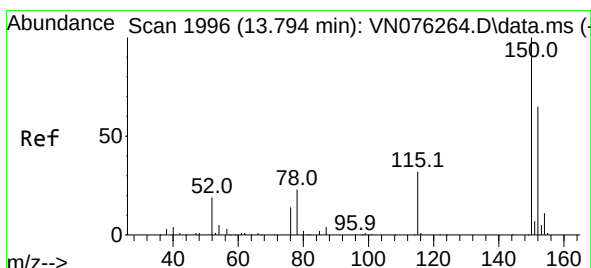
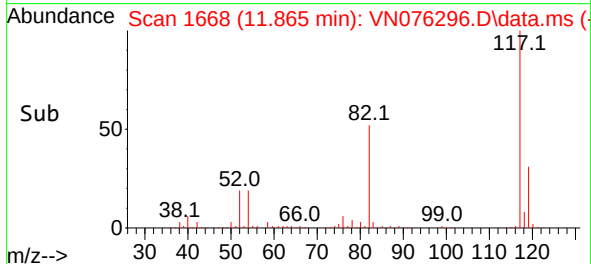
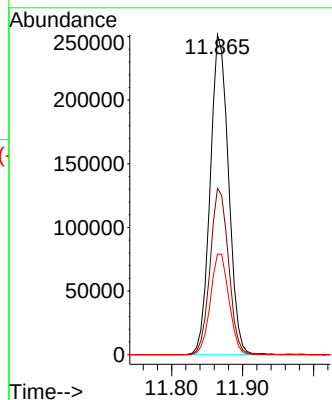
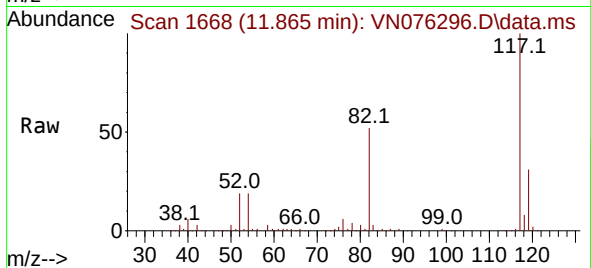
Tgt Ion:117 Resp: 449931

Ion Ratio Lower Upper

117 100

82 52.0 42.2 63.2

119 31.4 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: VN076296.D

Acq: 18 Jan 2023 15:46

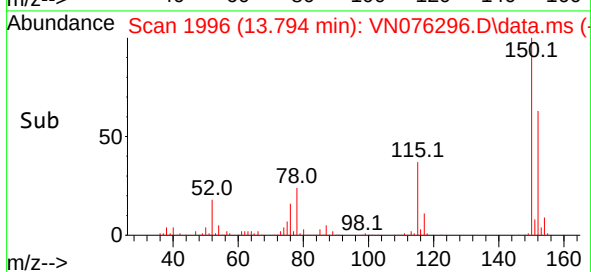
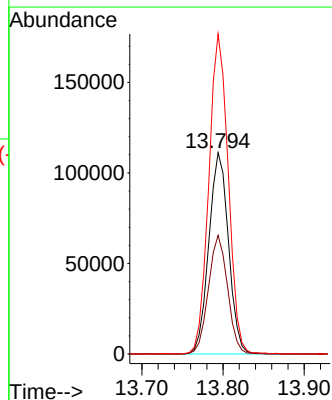
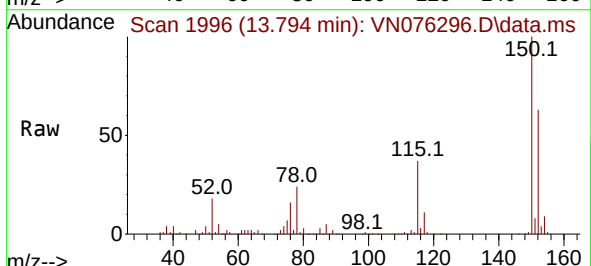
Tgt Ion:152 Resp: 186609

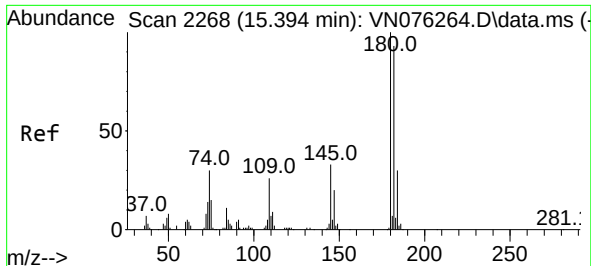
Ion Ratio Lower Upper

152 100

115 57.5 29.6 88.9

150 157.3 0.0 351.4

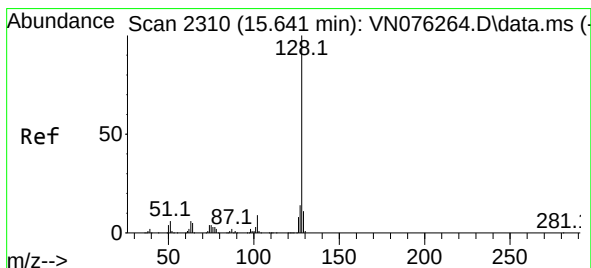
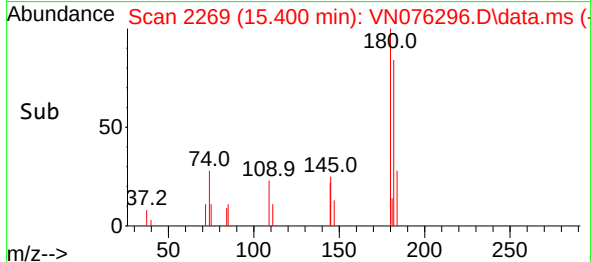
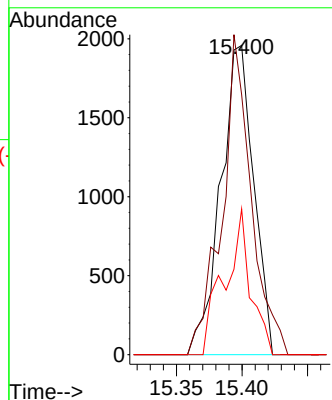
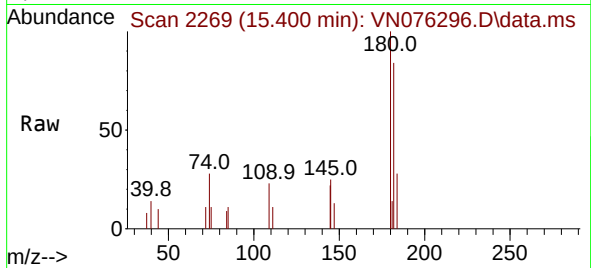




#93
1,2,4-Trichlorobenzene
Concen: 2.322 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076296.D
Acq: 18 Jan 2023 15:46

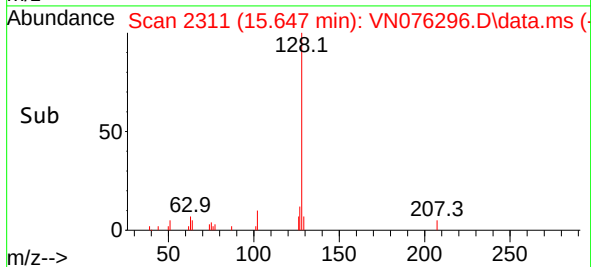
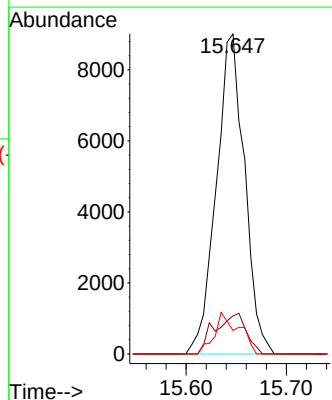
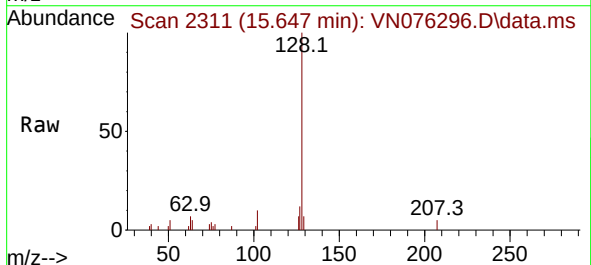
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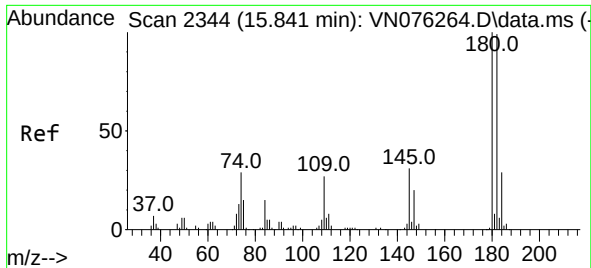
Tgt Ion:180 Resp: 3418
Ion Ratio Lower Upper
180 100
182 91.8 47.0 141.2
145 37.3 15.2 45.5



#95
Naphthalene
Concen: 3.587 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076296.D
Acq: 18 Jan 2023 15:46

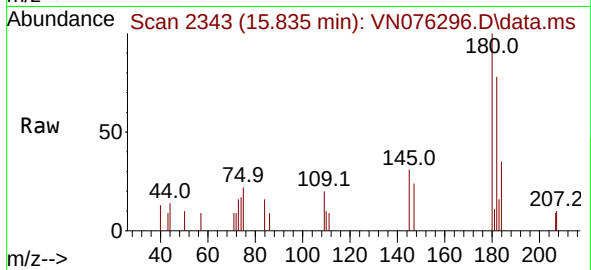
Tgt Ion:128 Resp: 17593
Ion Ratio Lower Upper
128 100
127 14.0 10.3 15.5
129 11.2 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 2.295 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN076296.D
 Acq: 18 Jan 2023 15:46

Instrument :
 MSVOA_N
 ClientSampleId :
 34254



Tgt Ion:	180	Resp:	3647
Ion	Ratio	Lower	Upper
180	100		
182	99.6	47.5	142.5
145	36.3	15.9	47.6

