

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012423\
 Data File : VN076376.D
 Acq On : 24 Jan 2023 12:25
 Operator : JC\MD
 Sample : 01237-02ME
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 3A

Quant Time: Jan 25 00:36:44 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)

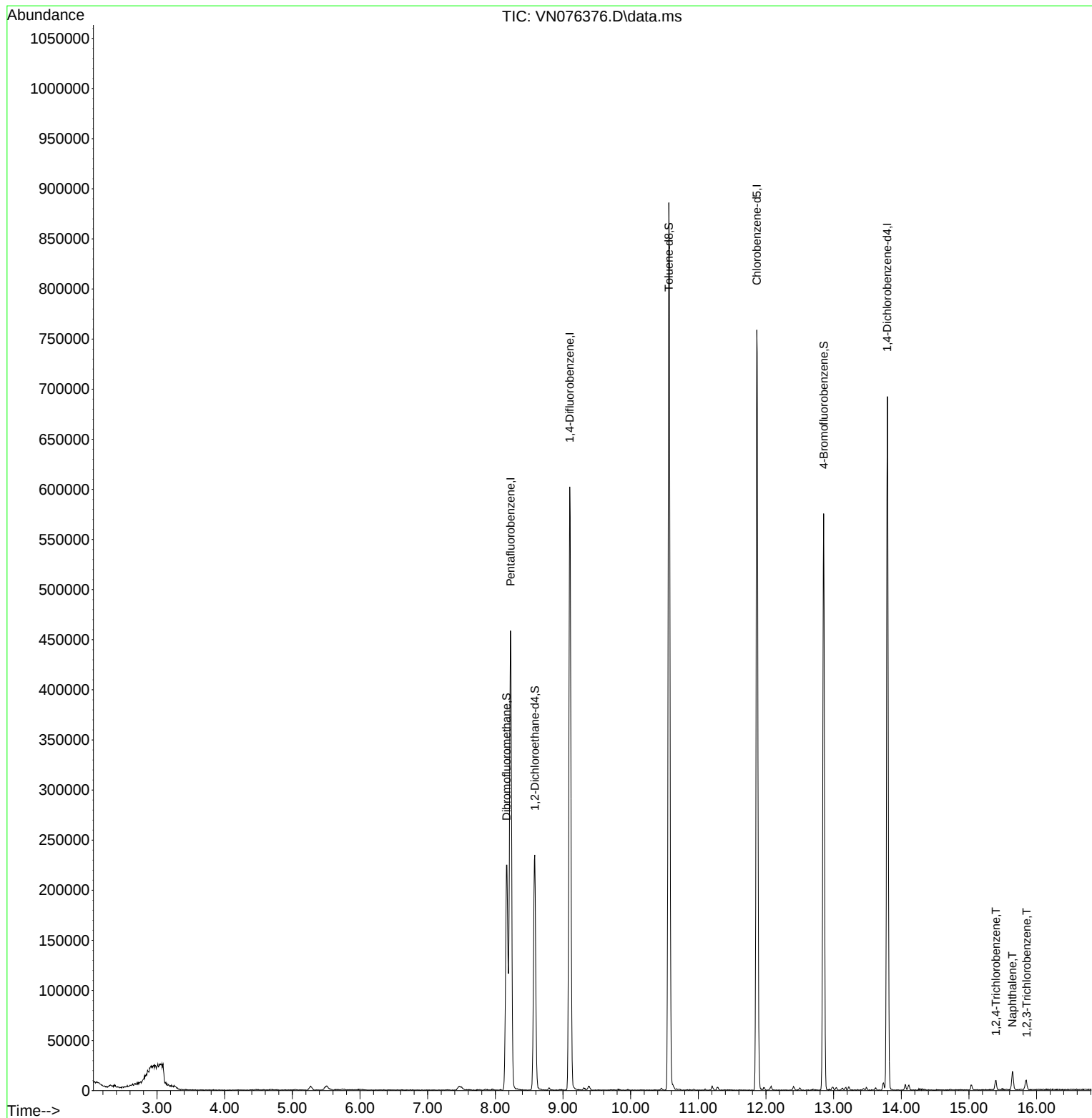
Internal Standards						
1) Pentafluorobenzene	8.224	168	344342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	549013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	460635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	189017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	193533	50.196	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.400%
35) Dibromofluoromethane	8.165	113	160930	46.860	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.720%
50) Toluene-d8	10.565	98	625531	49.319	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.640%
62) 4-Bromofluorobenzene	12.853	95	189353	45.732	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.460%
Target Compounds						
						Qvalue
93) 1,2,4-Trichlorobenzene	15.400	180	4012	2.483	ug/l	98
95) Naphthalene	15.641	128	17897	3.594	ug/l	99
96) 1,2,3-Trichlorobenzene	15.853	180	4331	2.492	ug/l	94

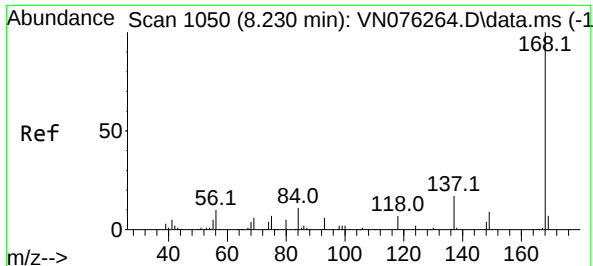
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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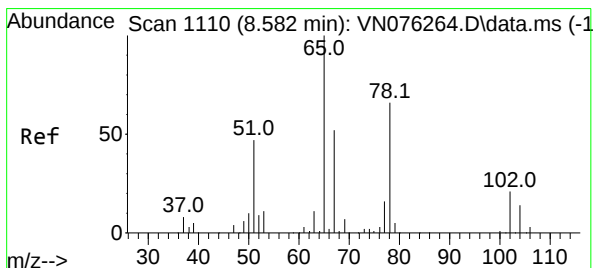
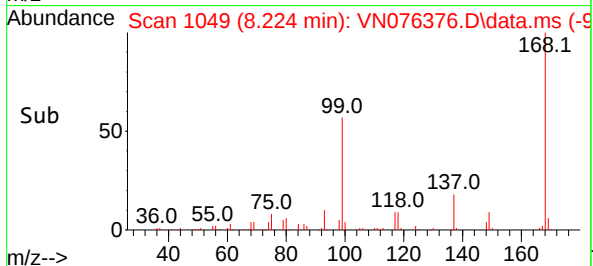
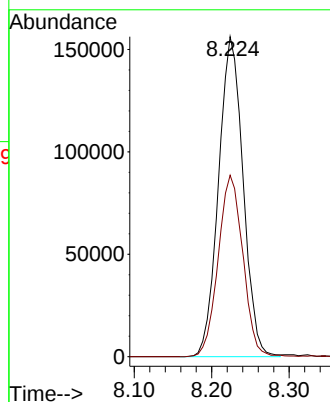
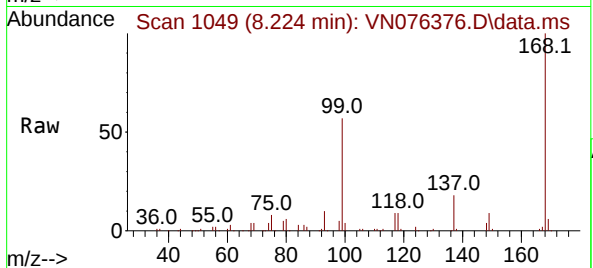




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN076376.D
Acq: 24 Jan 2023 12:25

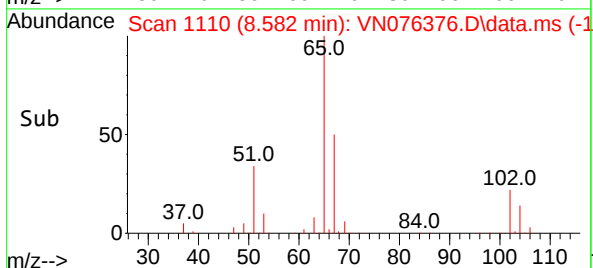
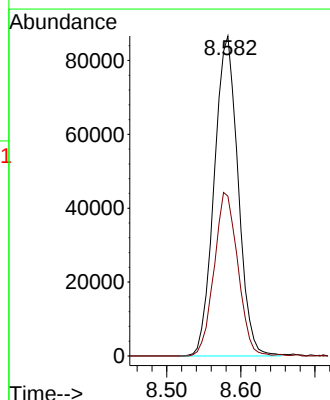
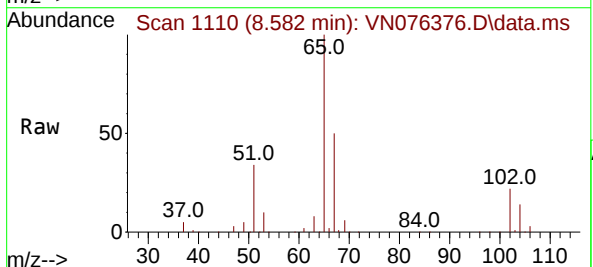
Instrument :
MSVOA_N
ClientSampleId :
3A

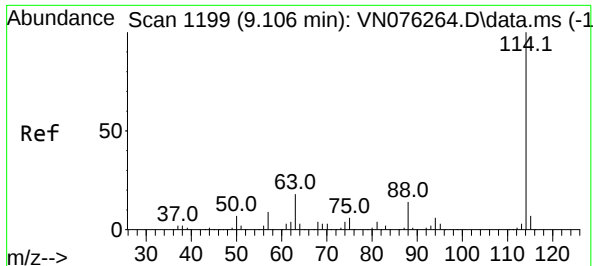
Tgt Ion:168 Resp: 344342
Ion Ratio Lower Upper
168 100
99 56.7 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 50.196 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076376.D
Acq: 24 Jan 2023 12:25

Tgt Ion: 65 Resp: 193533
Ion Ratio Lower Upper
65 100
67 50.9 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: VN076376.D

Acq: 24 Jan 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

3A

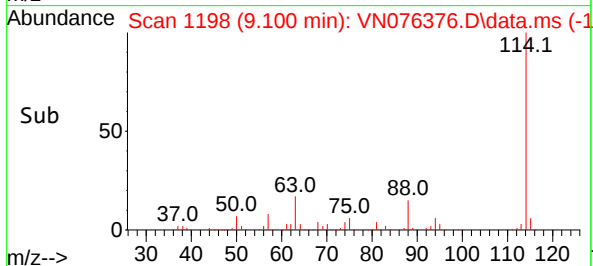
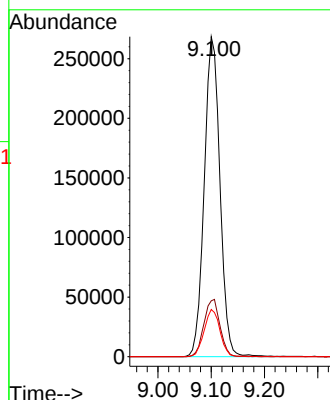
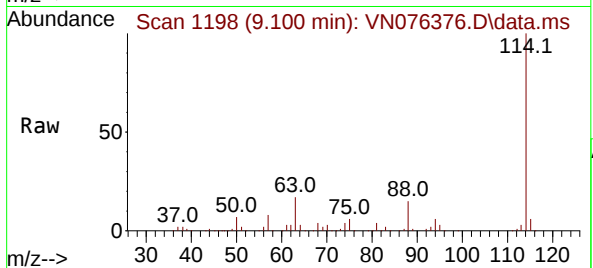
Tgt Ion:114 Resp: 549013

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.8

88 14.8 0.0 28.0



#35

Dibromofluoromethane

Concen: 46.860 ug/l

RT: 8.165 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VN076376.D

Acq: 24 Jan 2023 12:25

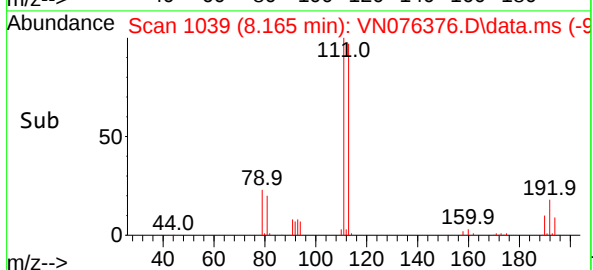
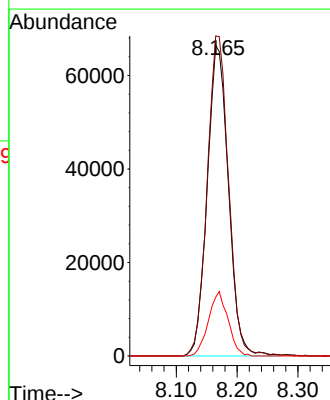
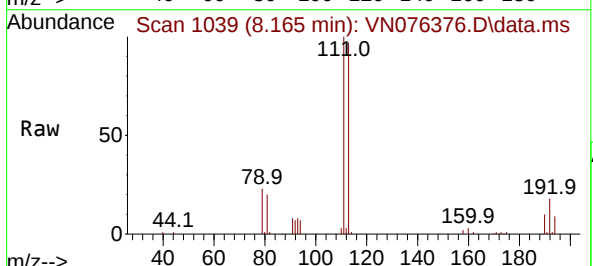
Tgt Ion:113 Resp: 160930

Ion Ratio Lower Upper

113 100

111 103.4 82.7 124.1

192 19.2 15.6 23.4

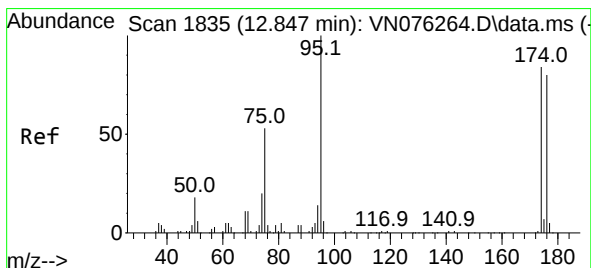
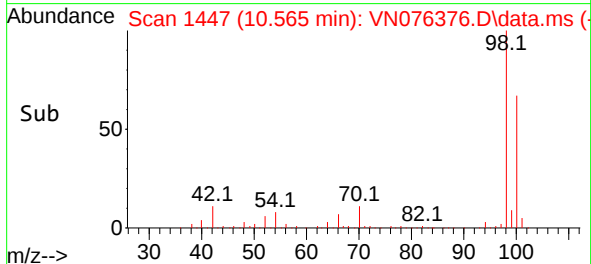
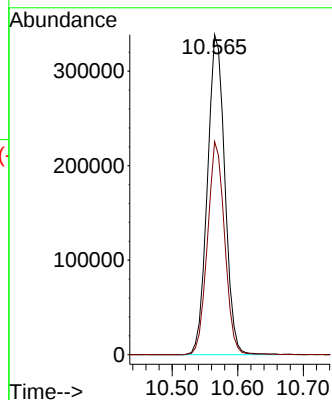
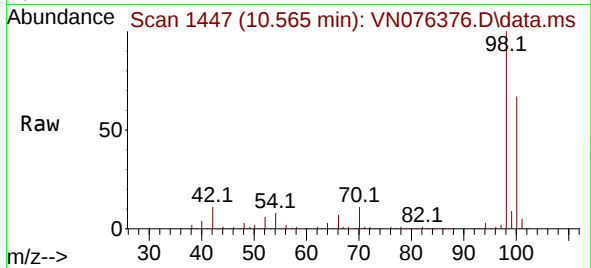




#50
Toluene-d8
Concen: 49.319 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN076376.D
Acq: 24 Jan 2023 12:25

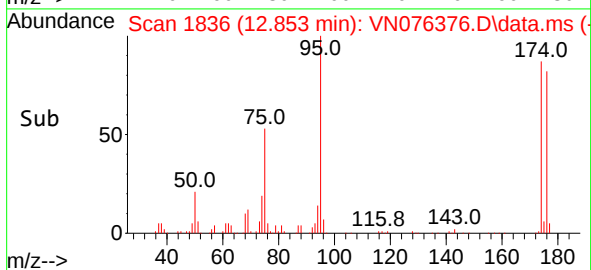
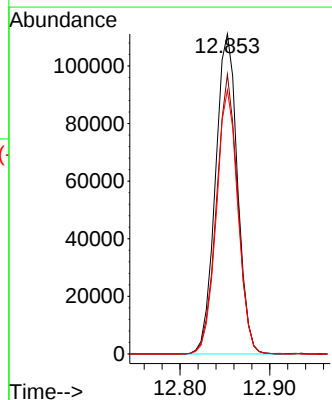
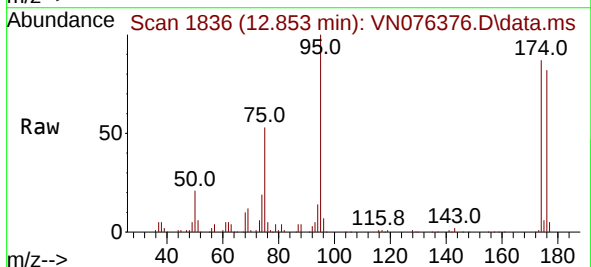
Instrument :
MSVOA_N
ClientSampleId :
3A

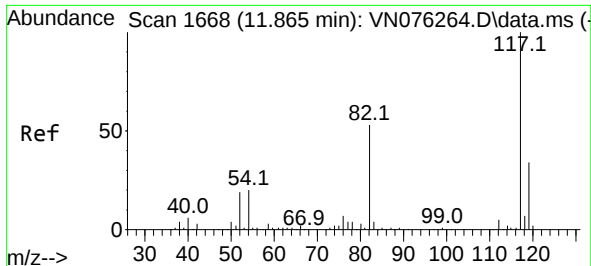
Tgt Ion: 98 Resp: 625531
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.732 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076376.D
Acq: 24 Jan 2023 12:25

Tgt Ion: 95 Resp: 189353
Ion Ratio Lower Upper
95 100
174 84.3 0.0 174.6
176 80.7 0.0 167.8

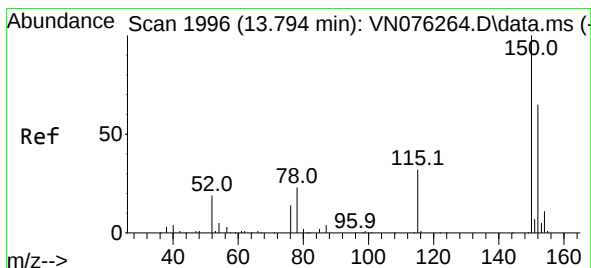
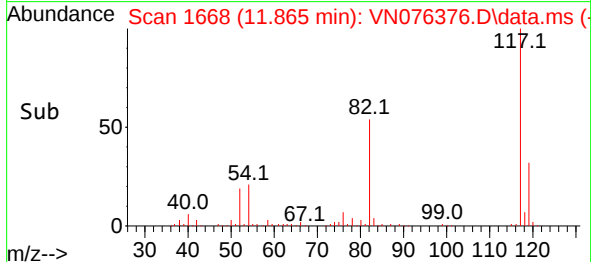
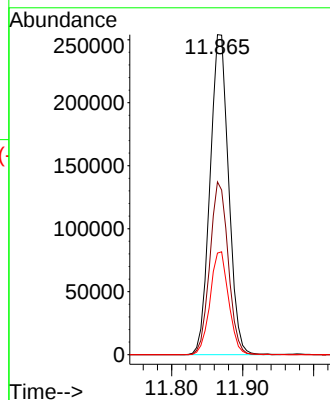
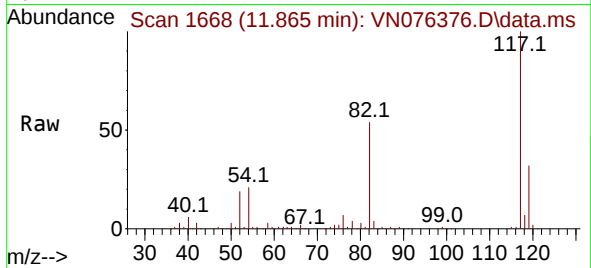




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076376.D
Acq: 24 Jan 2023 12:25

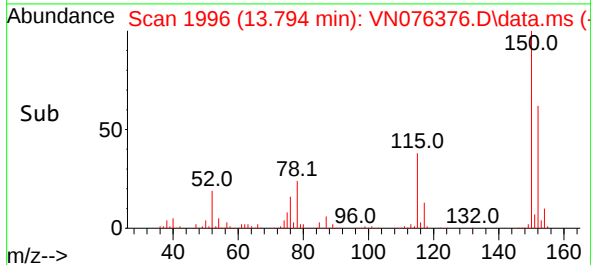
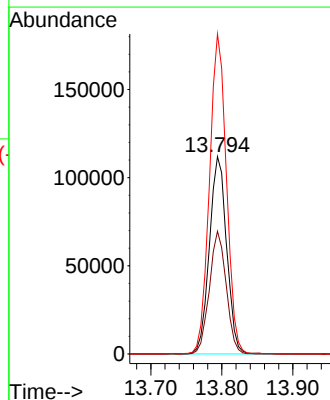
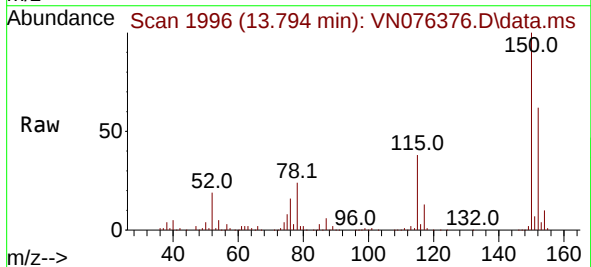
Instrument :
MSVOA_N
ClientSampleId :
3A

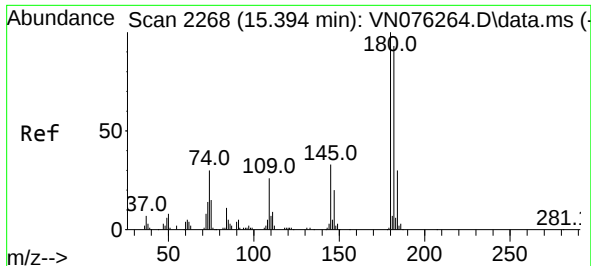
Tgt Ion:117 Resp: 460635
Ion Ratio Lower Upper
117 100
82 54.0 42.2 63.2
119 31.8 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076376.D
Acq: 24 Jan 2023 12:25

Tgt Ion:152 Resp: 189017
Ion Ratio Lower Upper
152 100
115 60.5 29.6 88.9
150 159.3 0.0 351.4

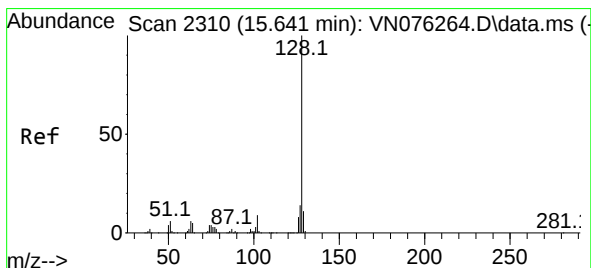
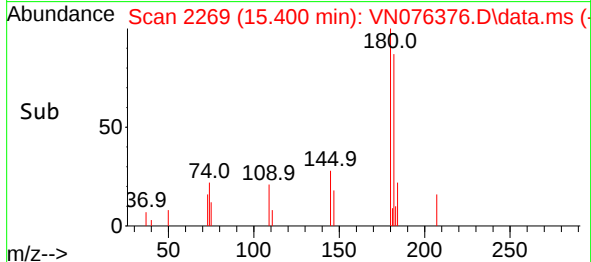
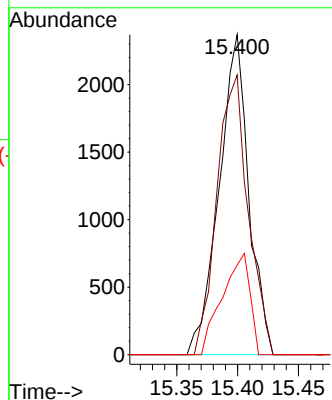
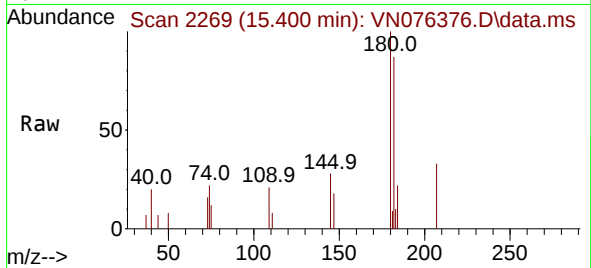




#93
1,2,4-Trichlorobenzene
Concen: 2.483 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076376.D
Acq: 24 Jan 2023 12:25

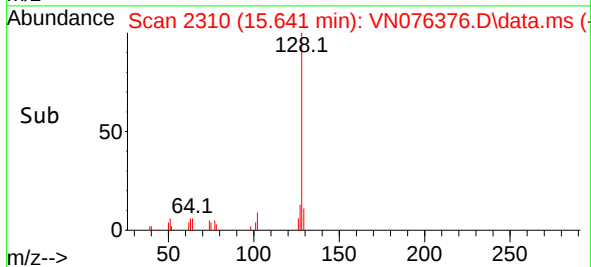
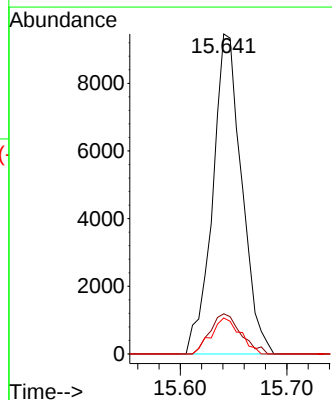
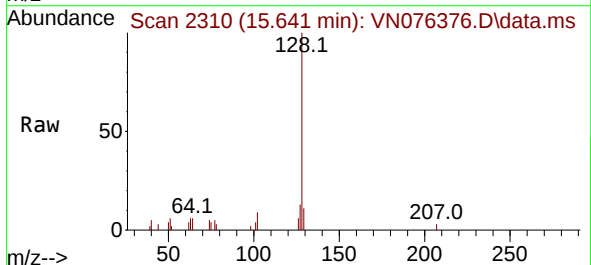
Instrument :
MSVOA_N
ClientSampleId :
3A

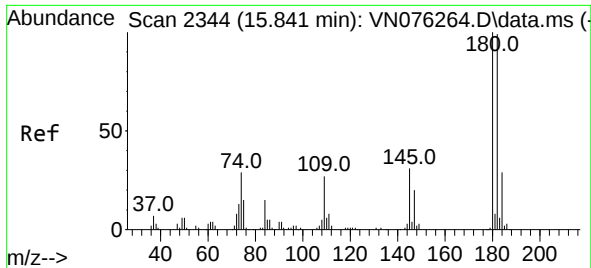
Tgt Ion:180 Resp: 4012
Ion Ratio Lower Upper
180 100
182 92.3 47.0 141.2
145 29.5 15.2 45.5



#95
Naphthalene
Concen: 3.594 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076376.D
Acq: 24 Jan 2023 12:25

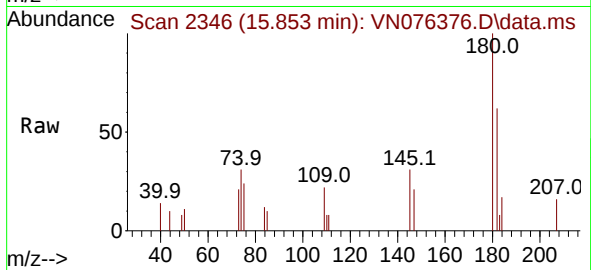
Tgt Ion:128 Resp: 17897
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.3 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 2.492 ug/l
 RT: 15.853 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN076376.D
 Acq: 24 Jan 2023 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 3A



Tgt Ion:	180	Resp:	4331
Ion	Ratio	Lower	Upper
180	100		
182	89.5	47.5	142.5
145	27.6	15.9	47.6

