

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012323\
 Data File : VN076360.D
 Acq On : 23 Jan 2023 12:36
 Operator : JC\MD
 Sample : 01233-11DL 40X
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-P38CDL

Quant Time: Jan 23 13:00:32 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)

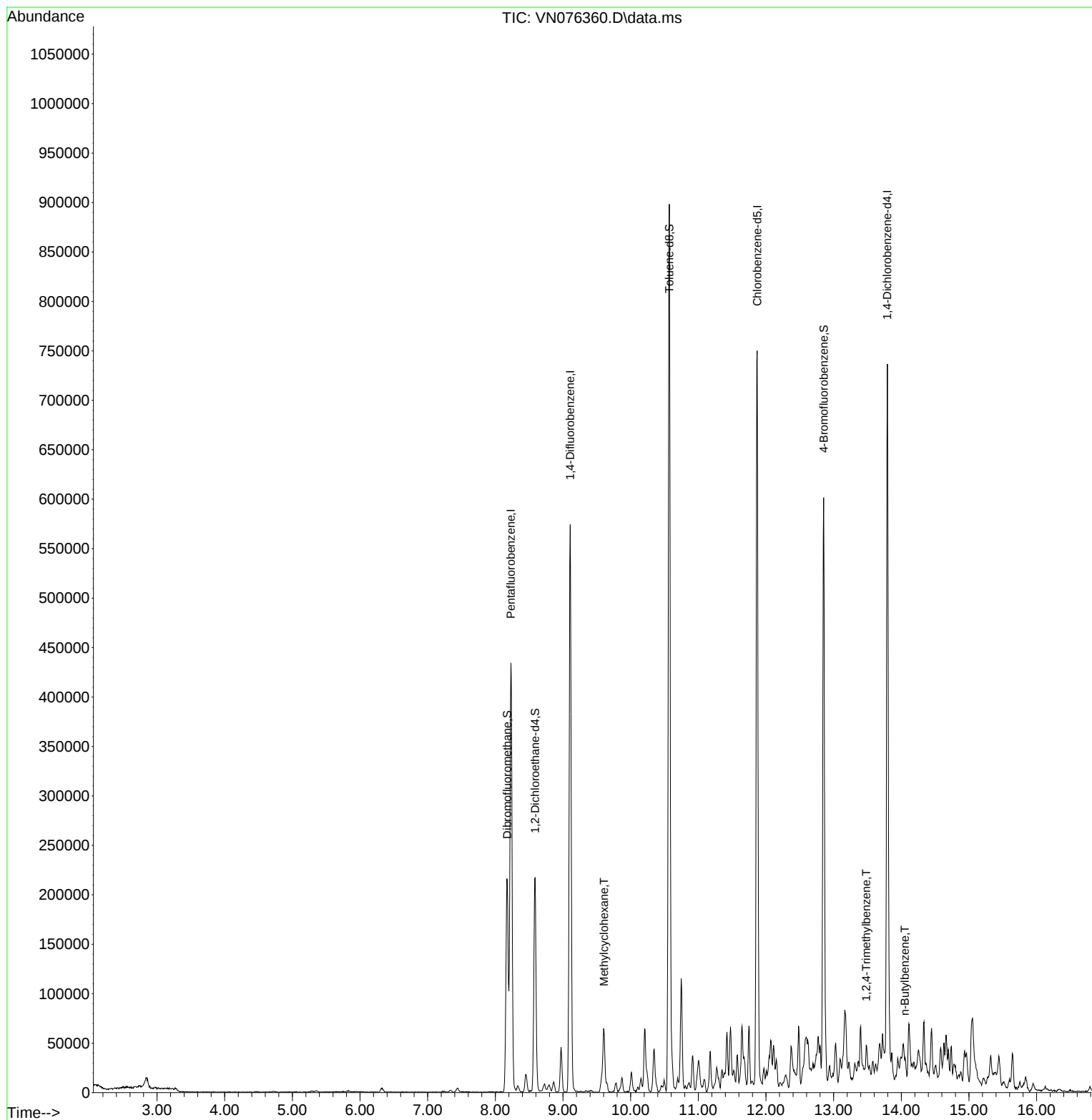
Internal Standards						
1) Pentafluorobenzene	8.230	168	324755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	517142	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	451792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	196417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	179501	49.365	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.720%
35) Dibromofluoromethane	8.177	113	155374	48.030	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.060%
50) Toluene-d8	10.571	98	604680	50.614	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.220%
62) 4-Bromofluorobenzene	12.853	95	201348	51.626	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.260%
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.606	83	26994	4.809	ug/l	90
84) 1,2,4-Trimethylbenzene	13.482	105	20555	1.610	ug/l	99
89) n-Butylbenzene	14.053	91	15556	1.517	ug/l #	69

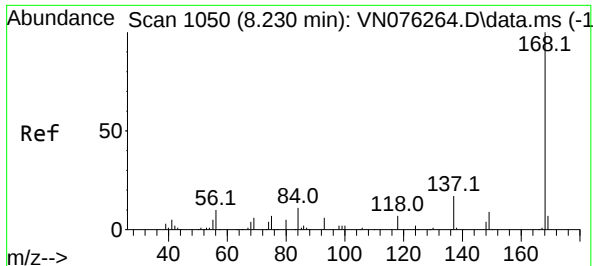
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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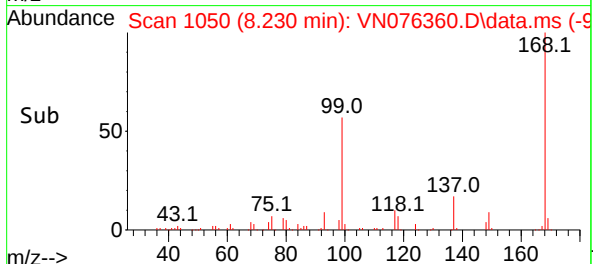
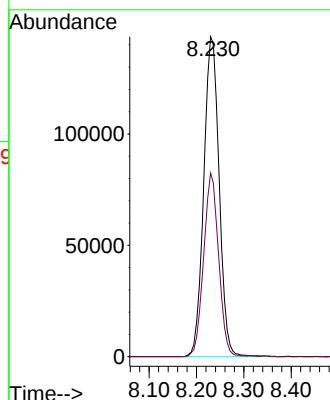
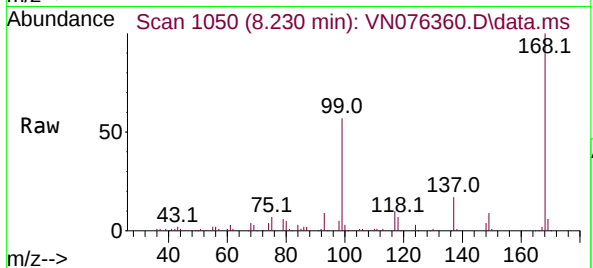




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076360.D
Acq: 23 Jan 2023 12:36

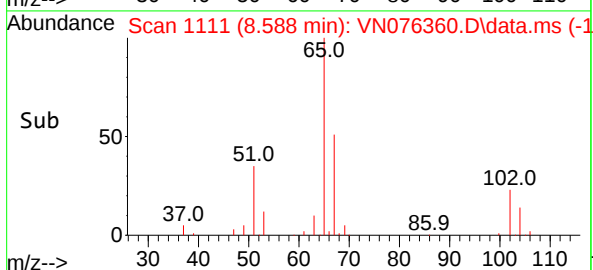
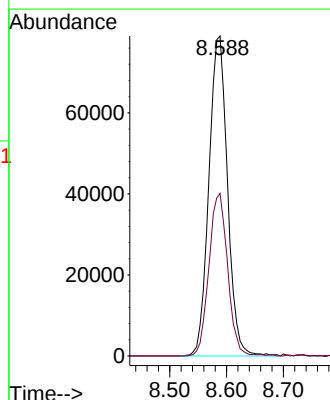
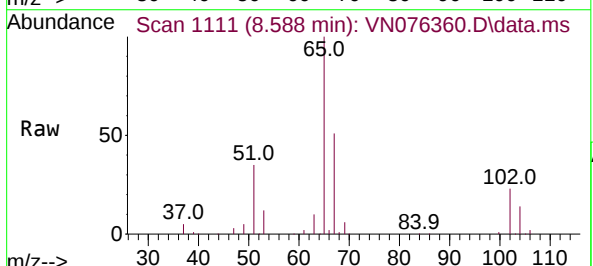
Instrument :
MSVOA_N
ClientSampleId :
B-P38CDL

Tgt Ion:168 Resp: 324755
Ion Ratio Lower Upper
168 100
99 57.4 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 49.365 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076360.D
Acq: 23 Jan 2023 12:36

Tgt Ion: 65 Resp: 179501
Ion Ratio Lower Upper
65 100
67 51.1 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: VN076360.D

Acq: 23 Jan 2023 12:36

Instrument :

MSVOA_N

ClientSampleId :

B-P38CDL

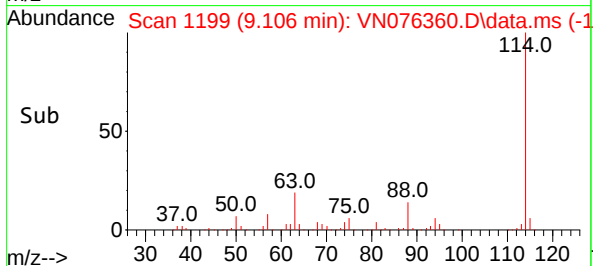
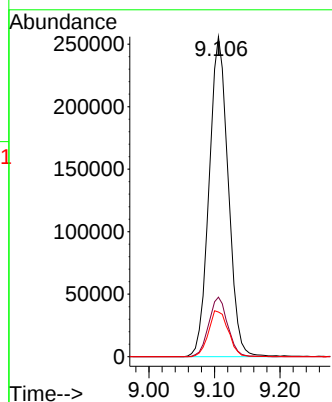
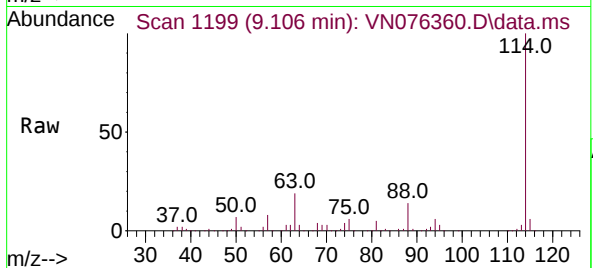
Tgt Ion:114 Resp: 517142

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.8

88 13.9 0.0 28.0



#35

Dibromofluoromethane

Concen: 48.030 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076360.D

Acq: 23 Jan 2023 12:36

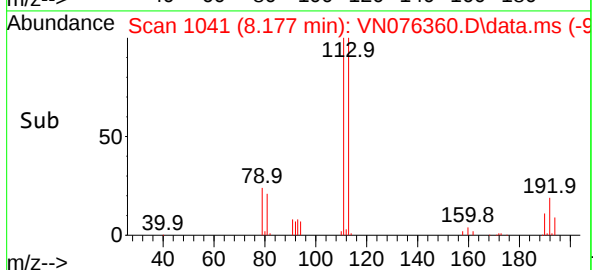
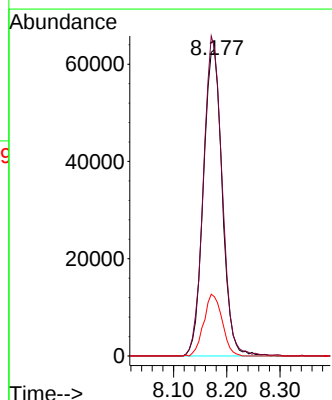
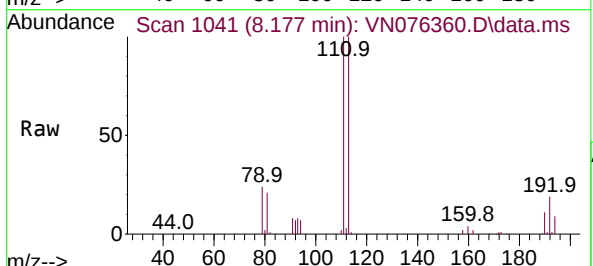
Tgt Ion:113 Resp: 155374

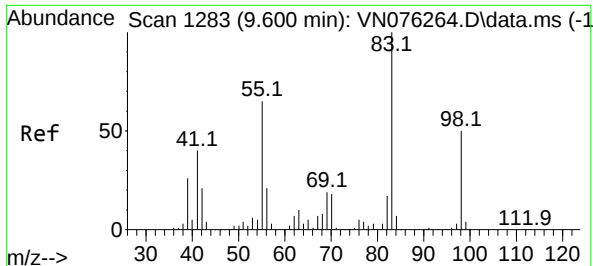
Ion Ratio Lower Upper

113 100

111 103.2 82.7 124.1

192 19.6 15.6 23.4





#39

Methylcyclohexane

Concen: 4.809 ug/l

RT: 9.606 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN076360.D

Acq: 23 Jan 2023 12:36

Instrument :

MSVOA_N

ClientSampleId :

B-P38CDL

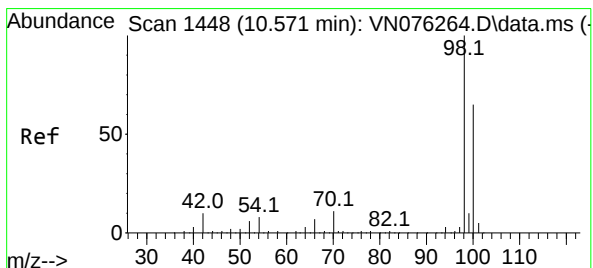
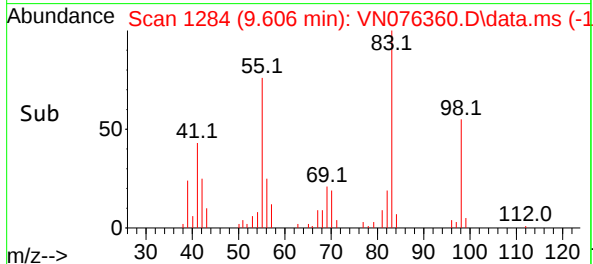
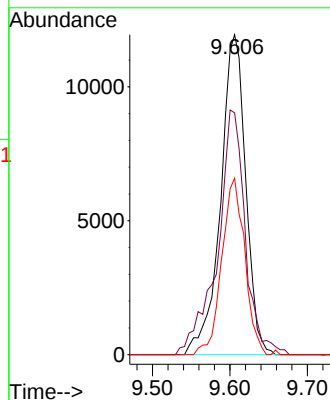
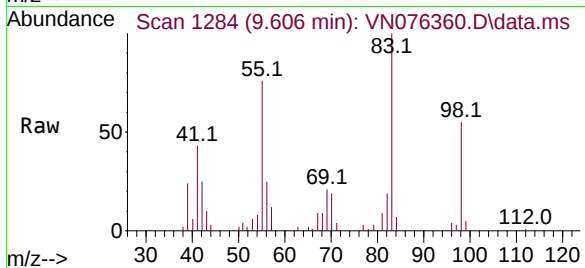
Tgt Ion: 83 Resp: 26994

Ion Ratio Lower Upper

83 100

55 74.0 51.7 77.5

98 55.2 40.0 60.0



#50

Toluene-d8

Concen: 50.614 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076360.D

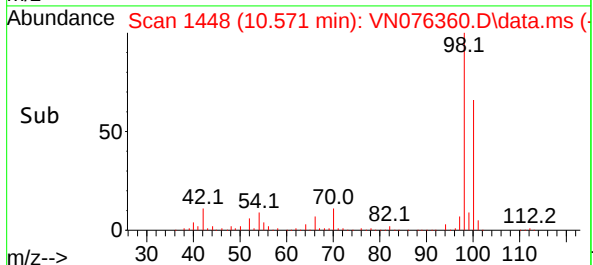
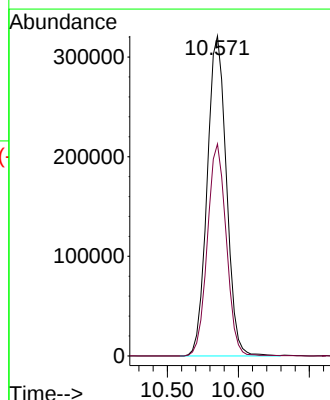
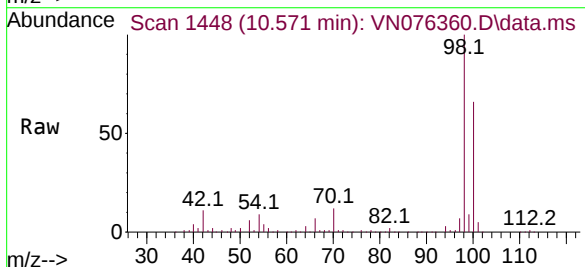
Acq: 23 Jan 2023 12:36

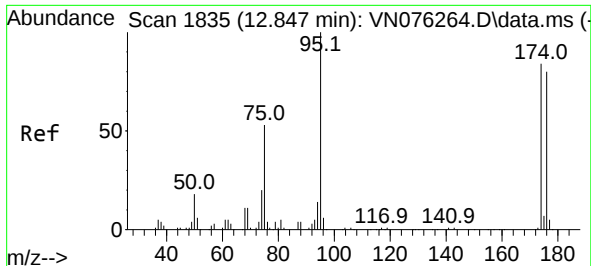
Tgt Ion: 98 Resp: 604680

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.4

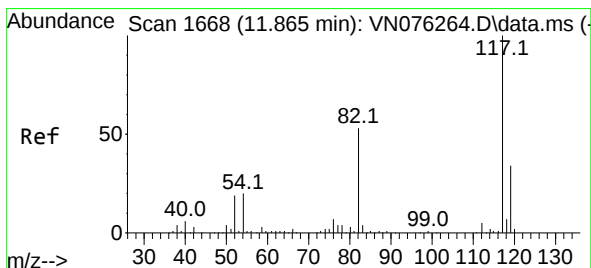
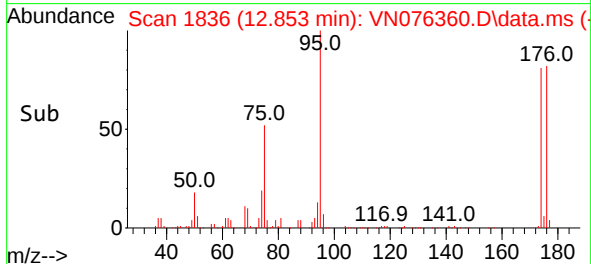
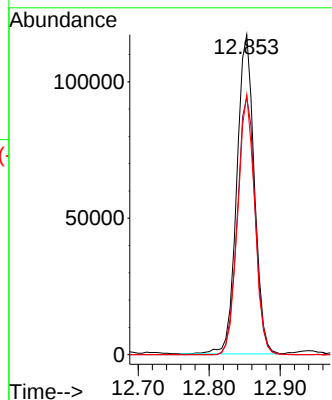
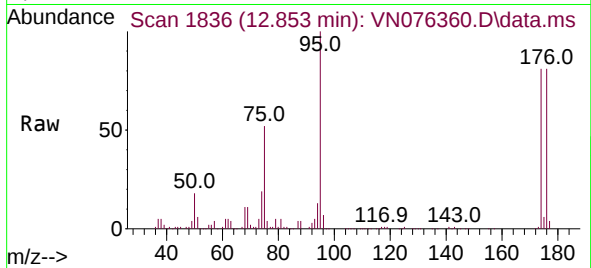




#62
4-Bromofluorobenzene
Concen: 51.626 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076360.D
Acq: 23 Jan 2023 12:36

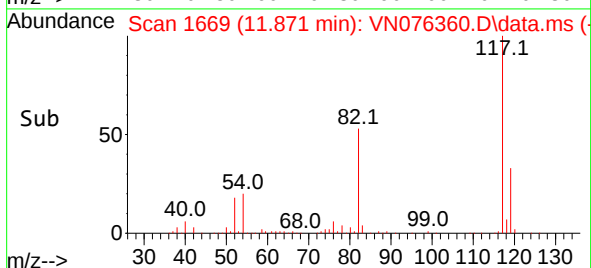
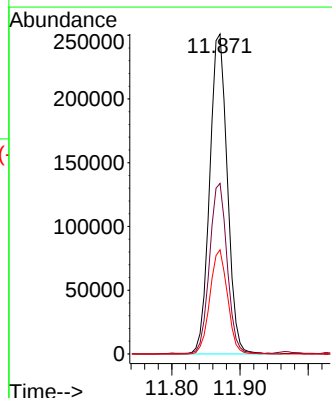
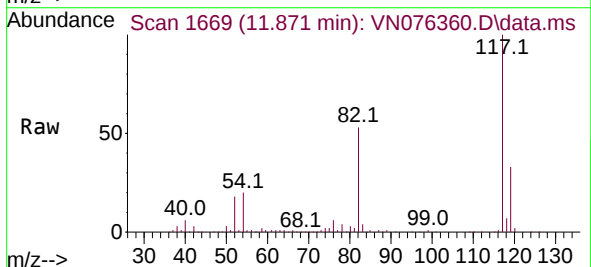
Instrument :
MSVOA_N
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B-P38CDL

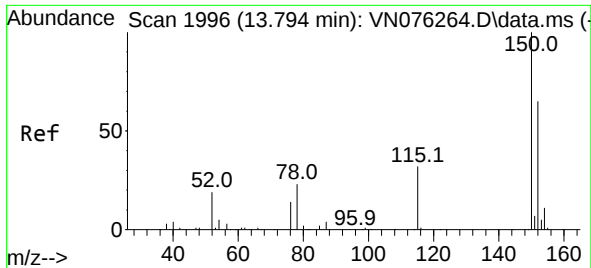
Tgt Ion: 95 Resp: 201348
Ion Ratio Lower Upper
95 100
174 81.5 0.0 174.6
176 78.9 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076360.D
Acq: 23 Jan 2023 12:36

Tgt Ion: 117 Resp: 451792
Ion Ratio Lower Upper
117 100
82 53.1 42.2 63.2
119 32.6 26.9 40.3

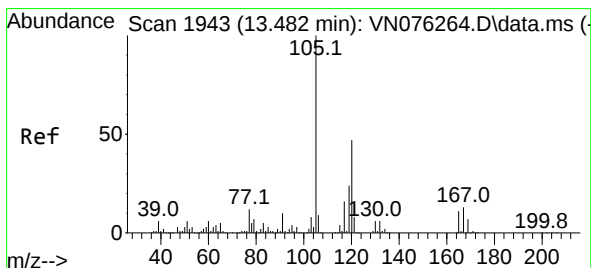
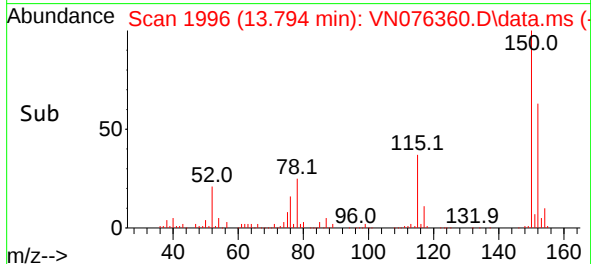
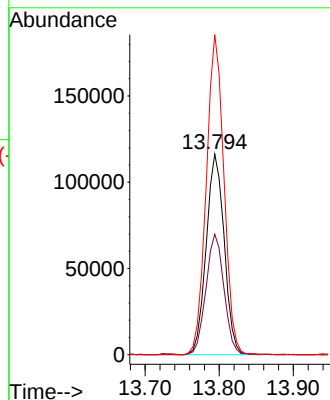
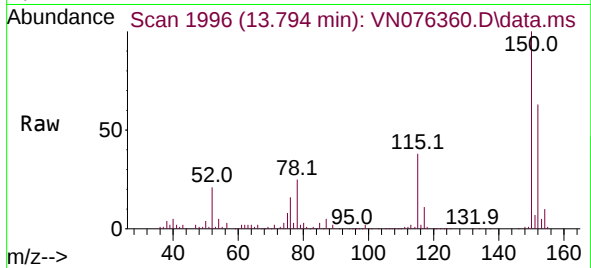




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN076360.D
 Acq: 23 Jan 2023 12:36

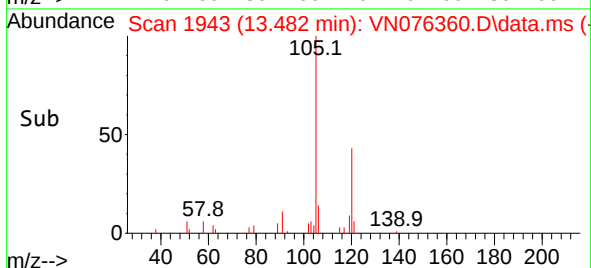
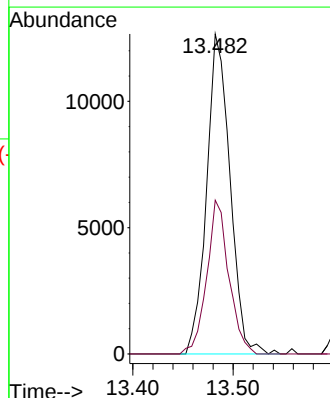
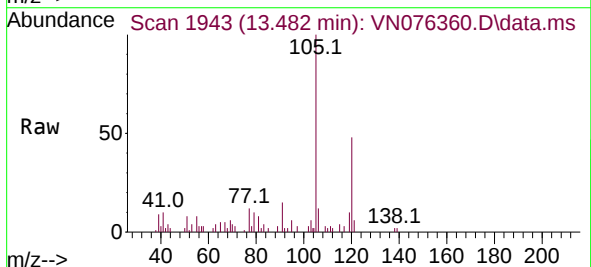
Instrument :
 MSVOA_N
 ClientSampleId :
 B-P38CDL

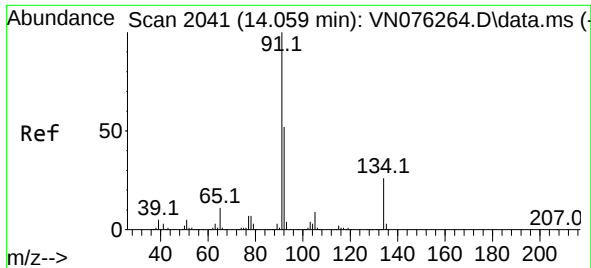
Tgt Ion:152 Resp: 196417
 Ion Ratio Lower Upper
 152 100
 115 60.1 29.6 88.9
 150 156.2 0.0 351.4



#84
 1,2,4-Trimethylbenzene
 Concen: 1.610 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: VN076360.D
 Acq: 23 Jan 2023 12:36

Tgt Ion:105 Resp: 20555
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.9 68.5





#89

n-Butylbenzene

Concen: 1.517 ug/l

RT: 14.053 min Scan# 2040

Delta R.T. -0.006 min

Lab File: VN076360.D

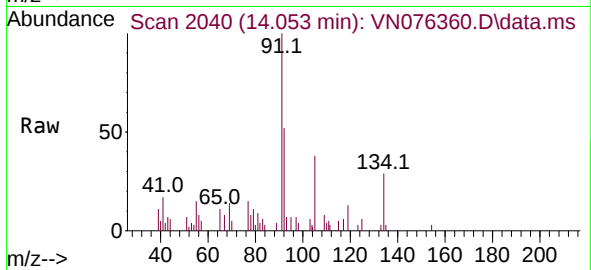
Acq: 23 Jan 2023 12:36

Instrument :

MSVOA_N

ClientSampleId :

B-P38CDL



Tgt Ion: 91 Resp: 15556

Ion Ratio Lower Upper

91 100

92 37.9 26.3 78.9

134 0.0 13.2 39.5#

