

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011123\
 Data File : VN076206.D
 Acq On : 11 Jan 2023 13:40
 Operator : JC\MD
 Sample : 01081-03
 Misc : 5.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31965

Quant Time: Jan 12 00:34:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

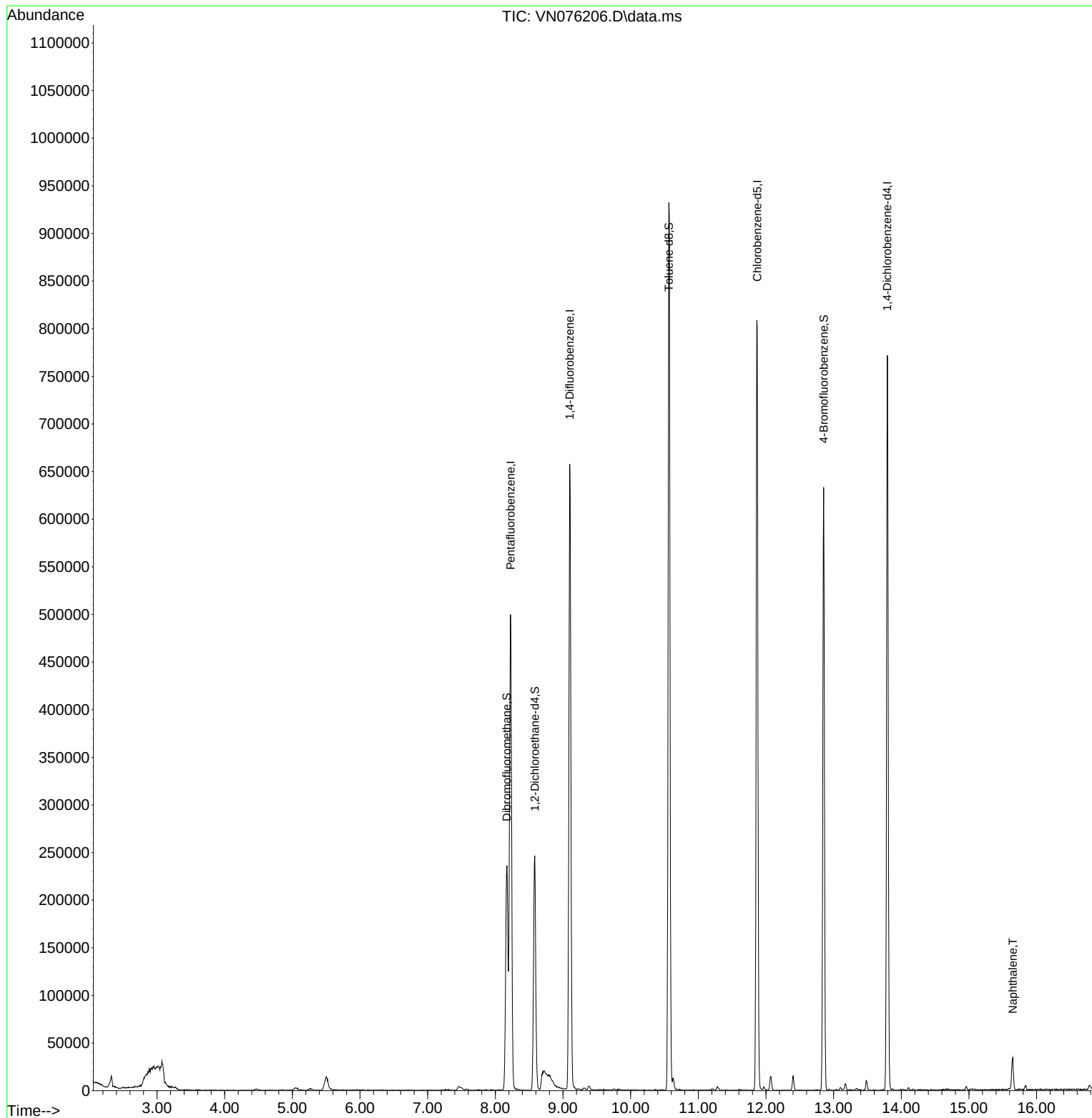
Internal Standards						
1) Pentafluorobenzene	8.224	168	386432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	608664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	504883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	218487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	193189	45.953	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.900%
35) Dibromofluoromethane	8.171	113	172173	45.677	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.360%
50) Toluene-d8	10.565	98	685730	48.657	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.320%
62) 4-Bromofluorobenzene	12.853	95	207261	44.402	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.800%
Target Compounds						
					Qvalue	
95) Naphthalene	15.647	128	32367	4.781	ug/l	100

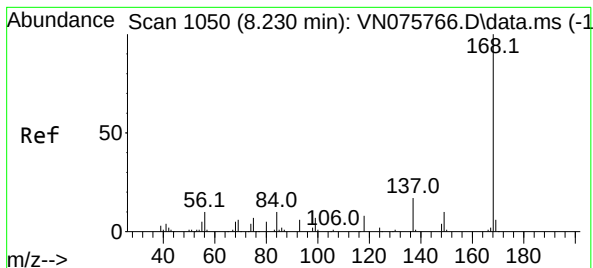
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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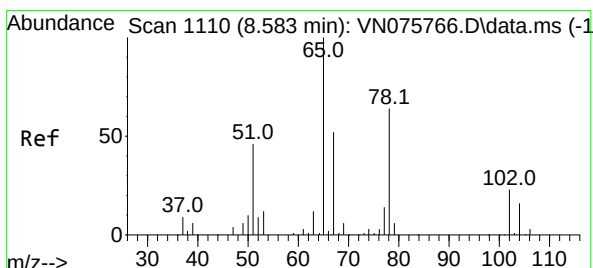
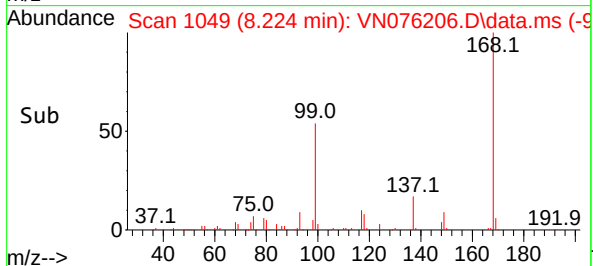
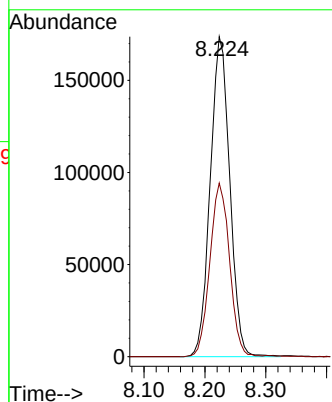
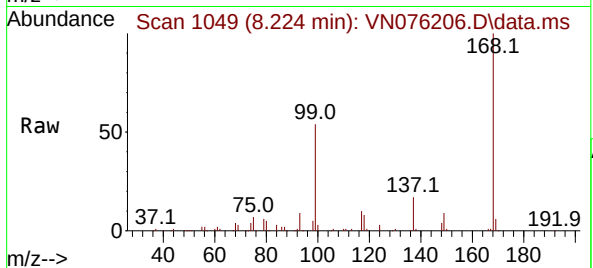




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 110
Delta R.T. -0.006 min
Lab File: VN076206.D
Acq: 11 Jan 2023 13:40

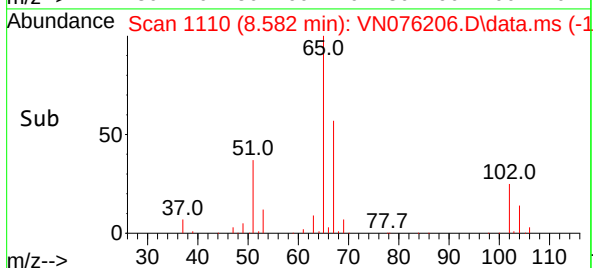
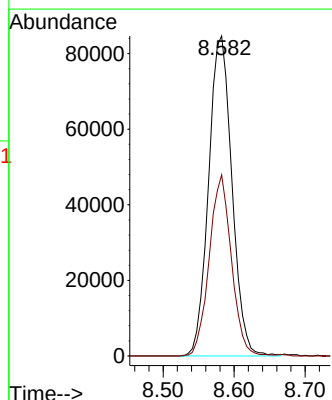
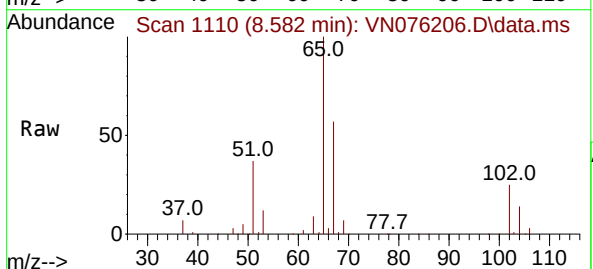
Instrument :
MSVOA_N
ClientSampleId :
31965

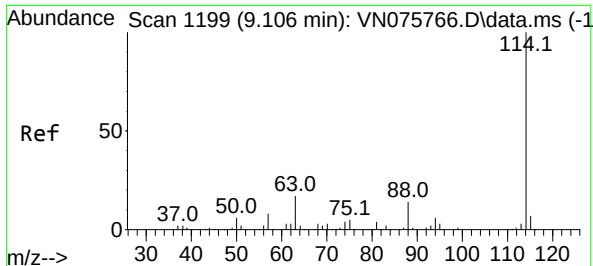
Tgt Ion:168 Resp: 386432
Ion Ratio Lower Upper
168 100
99 54.2 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 45.953 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN076206.D
Acq: 11 Jan 2023 13:40

Tgt Ion: 65 Resp: 193189
Ion Ratio Lower Upper
65 100
67 53.7 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN076206.D

Acq: 11 Jan 2023 13:40

Instrument :

MSVOA_N

ClientSampleId :

31965

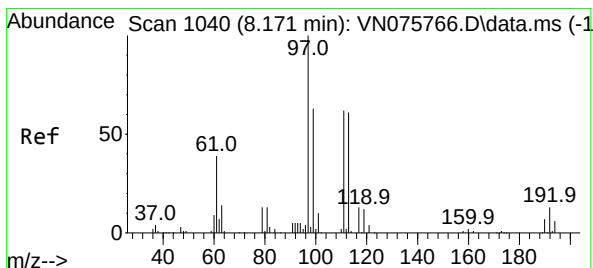
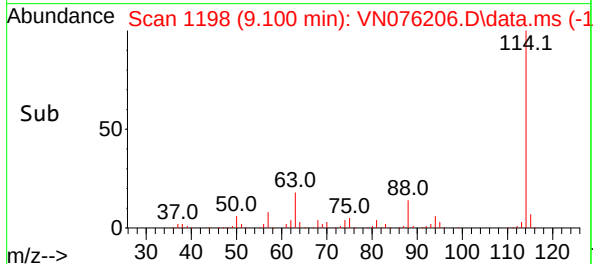
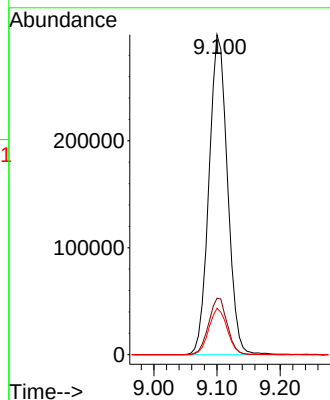
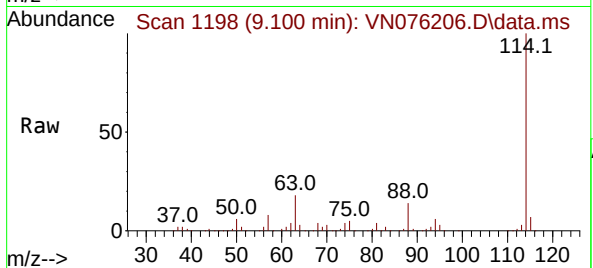
Tgt Ion:114 Resp: 608664

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.4

88 14.5 0.0 28.8



#35

Dibromofluoromethane

Concen: 45.677 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076206.D

Acq: 11 Jan 2023 13:40

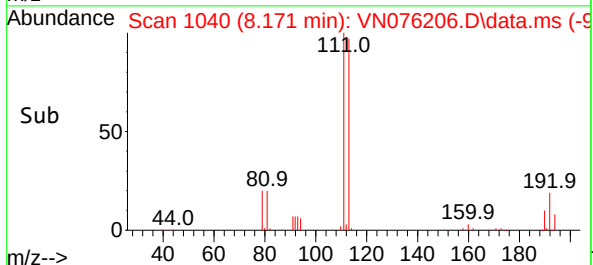
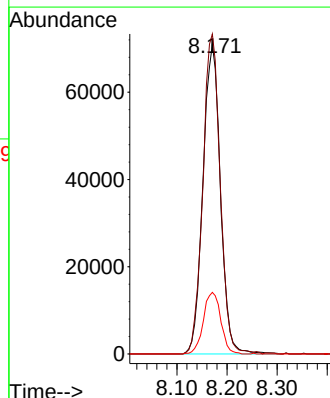
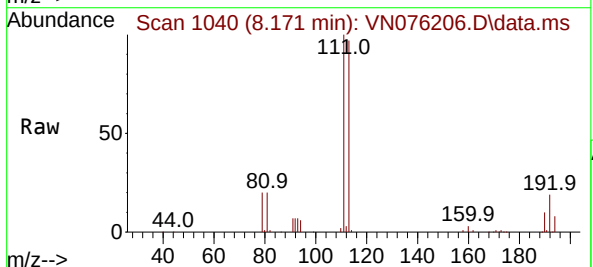
Tgt Ion:113 Resp: 172173

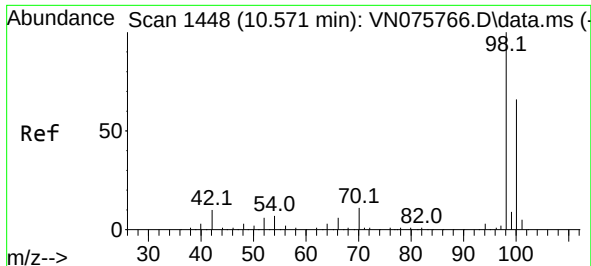
Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.2

192 19.8 16.1 24.1

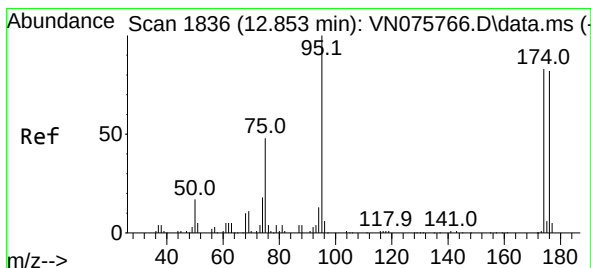
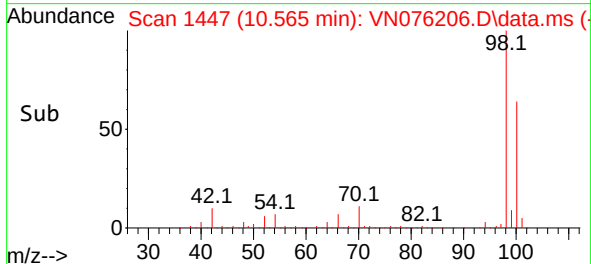
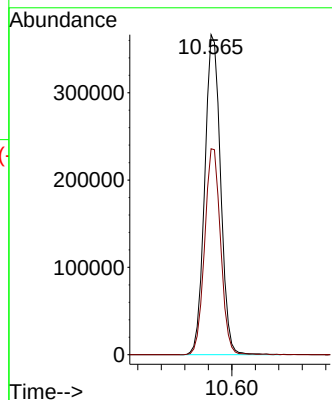
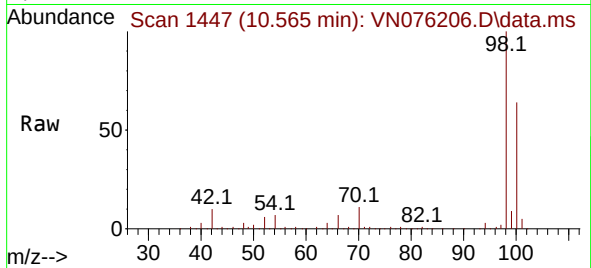




#50
Toluene-d8
Concen: 48.657 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN076206.D
Acq: 11 Jan 2023 13:40

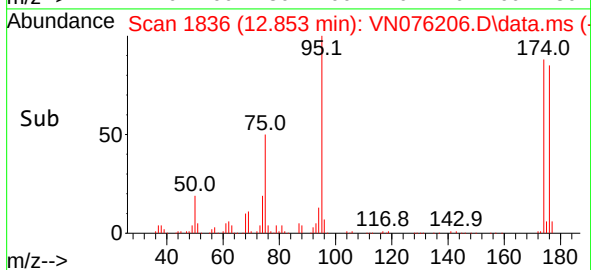
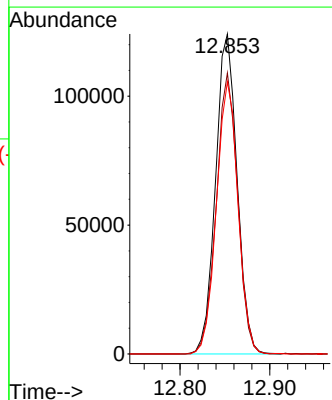
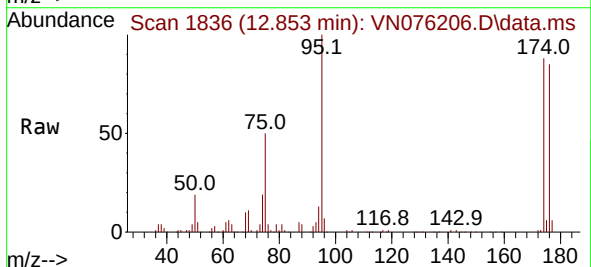
Instrument :
MSVOA_N
ClientSampleId :
31965

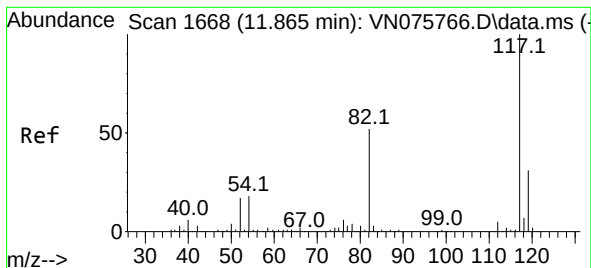
Tgt Ion: 98 Resp: 685730
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 44.402 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076206.D
Acq: 11 Jan 2023 13:40

Tgt Ion: 95 Resp: 207261
Ion Ratio Lower Upper
95 100
174 86.9 0.0 171.6
176 85.1 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076206.D

Acq: 11 Jan 2023 13:40

Instrument :

MSVOA_N

ClientSampleId :

31965

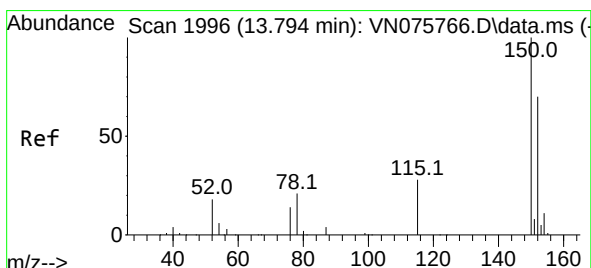
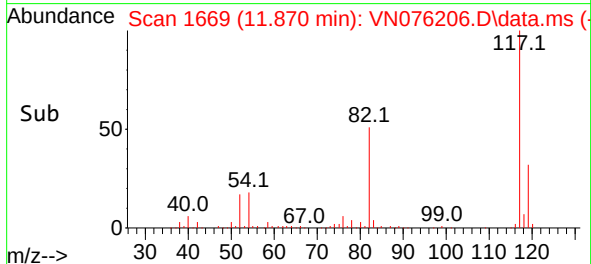
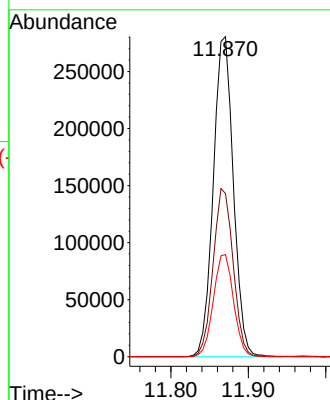
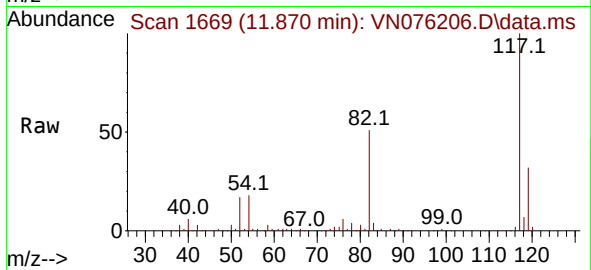
Tgt Ion:117 Resp: 504883

Ion Ratio Lower Upper

117 100

82 51.0 41.3 61.9

119 31.9 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076206.D

Acq: 11 Jan 2023 13:40

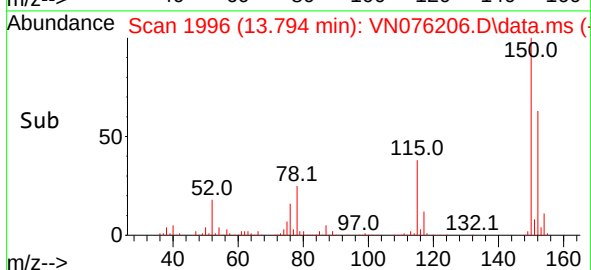
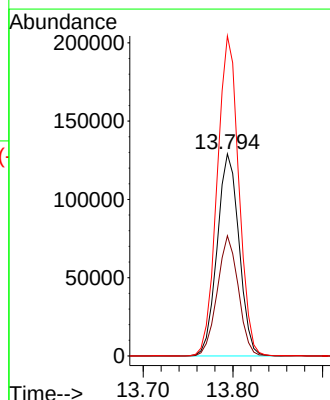
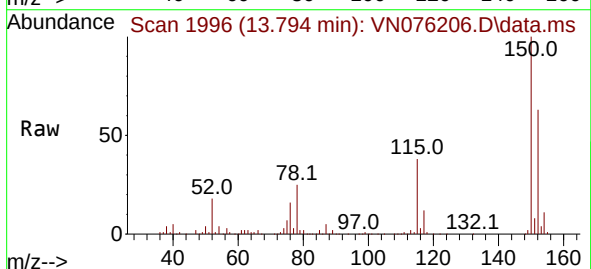
Tgt Ion:152 Resp: 218487

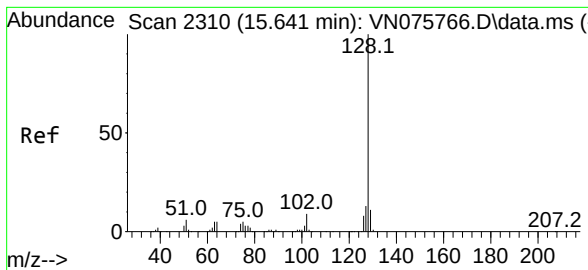
Ion Ratio Lower Upper

152 100

115 57.3 29.1 87.4

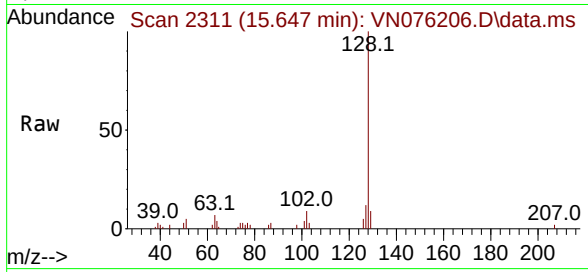
150 156.4 0.0 347.0





#95
Naphthalene
Concen: 4.781 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076206.D
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Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:	128	Resp:	32367
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.1	8.7	13.1

