

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011823\
 Data File : VN076302.D
 Acq On : 18 Jan 2023 18:18
 Operator : JC\MD
 Sample : 01190-08
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PE-7

Quant Time: Jan 19 00:53:27 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)

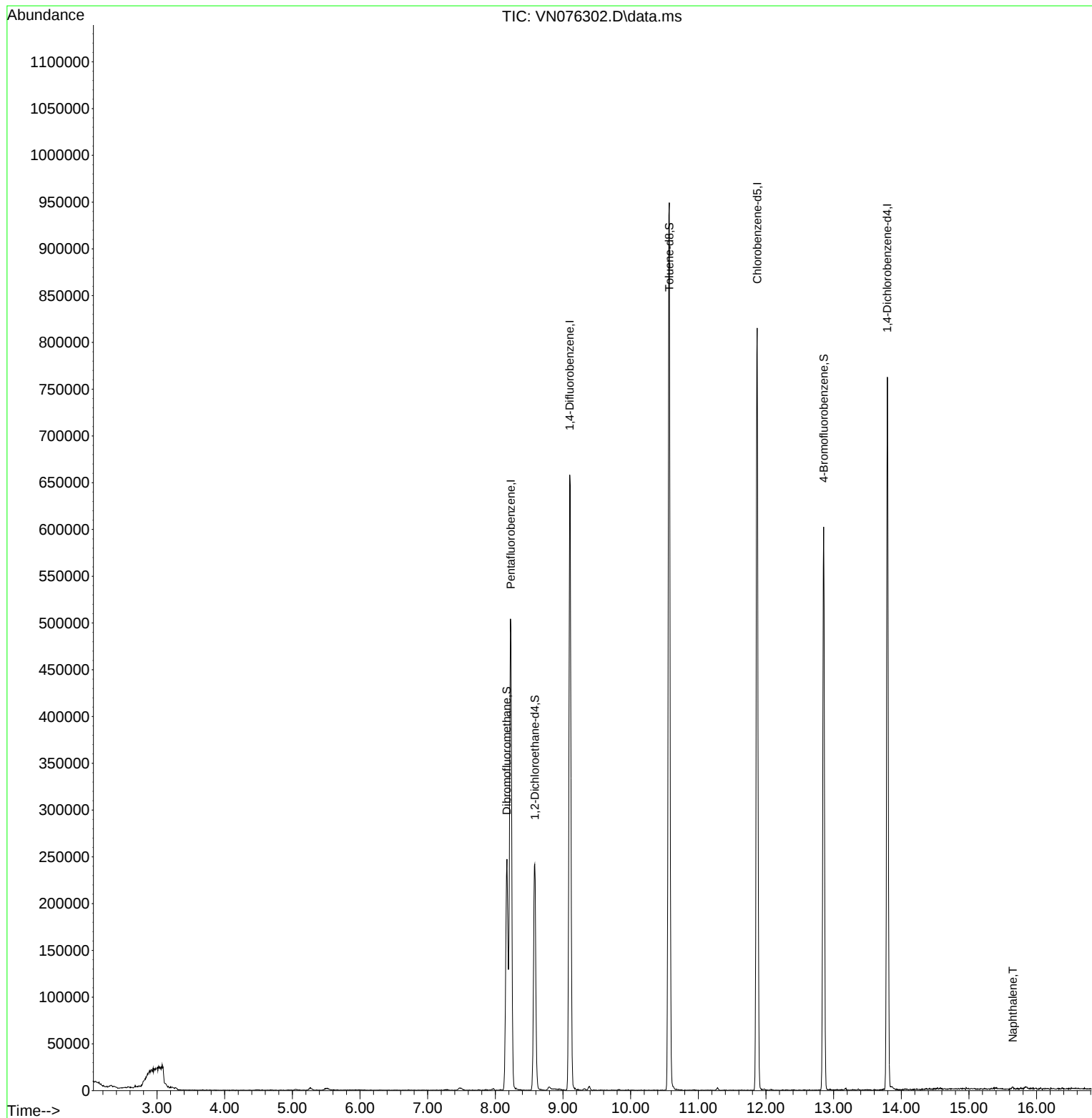
Internal Standards						
1) Pentafluorobenzene	8.230	168	394683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	609544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	501002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	212544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	200649	45.404	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.800%
35) Dibromofluoromethane	8.171	113	176277	46.231	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.460%
50) Toluene-d8	10.571	98	681163	48.372	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.740%
62) 4-Bromofluorobenzene	12.853	95	202941	44.146	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.300%
Target Compounds						
95) Naphthalene	15.647	128	2214	2.032	ug/l	Qvalue # 89

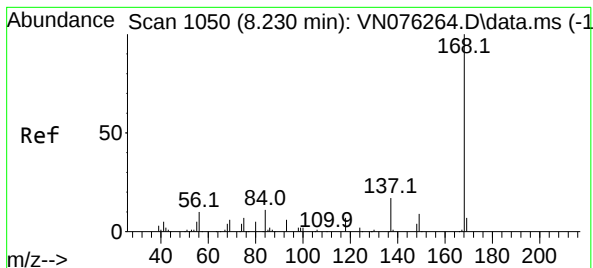
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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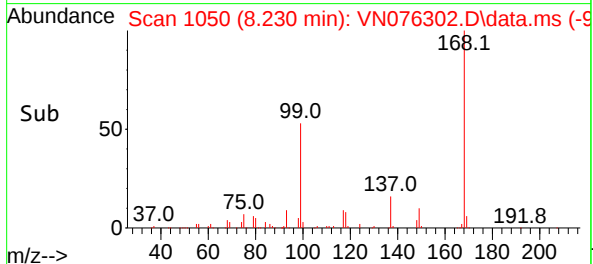
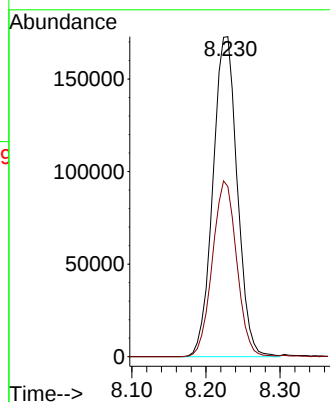
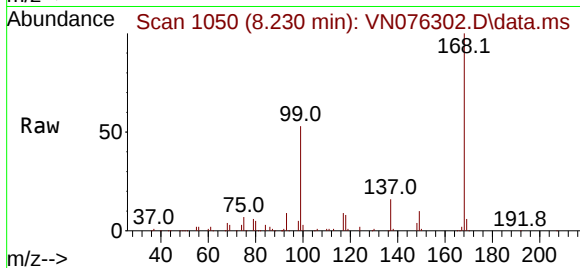




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN076302.D
Acq: 18 Jan 2023 18:18

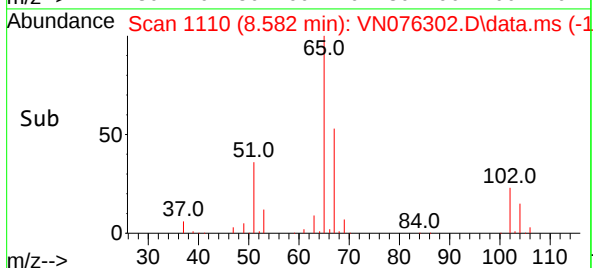
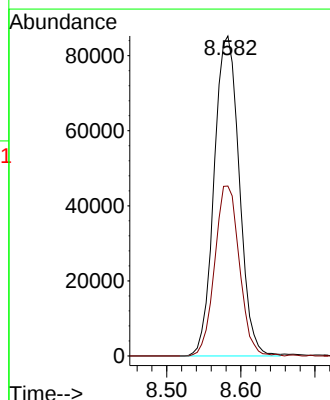
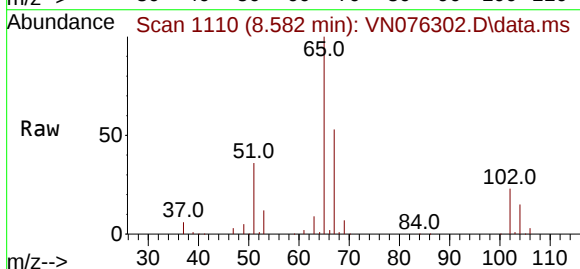
Instrument :
MSVOA_N
ClientSampleId :
PE-7

Tgt Ion:168 Resp: 394683
Ion Ratio Lower Upper
168 100
99 53.1 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 45.404 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076302.D
Acq: 18 Jan 2023 18:18

Tgt Ion: 65 Resp: 200649
Ion Ratio Lower Upper
65 100
67 52.2 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: VN076302.D

Acq: 18 Jan 2023 18:18

Instrument :

MSVOA_N

ClientSampleId :

PE-7

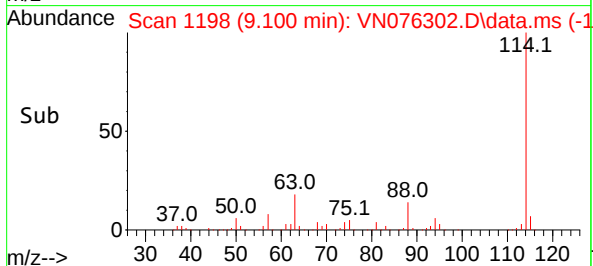
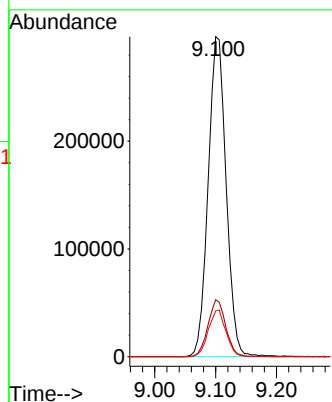
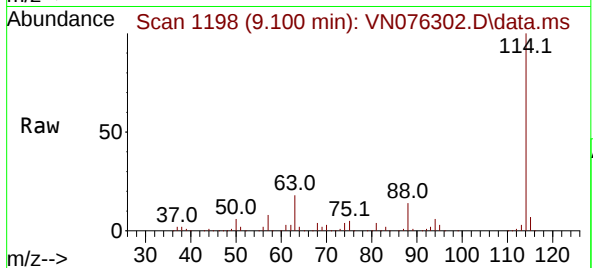
Tgt Ion:114 Resp: 609544

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.8

88 14.3 0.0 28.0



#35

Dibromofluoromethane

Concen: 46.231 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076302.D

Acq: 18 Jan 2023 18:18

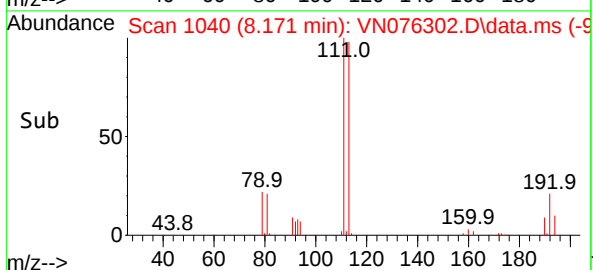
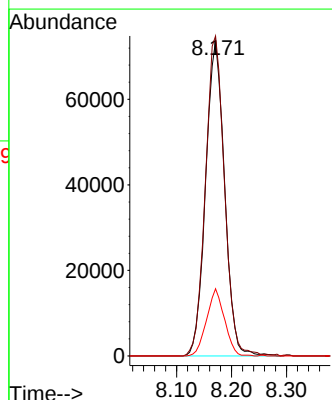
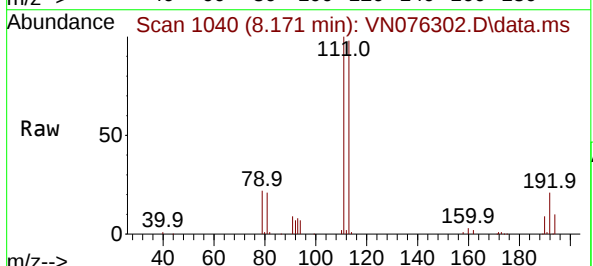
Tgt Ion:113 Resp: 176277

Ion Ratio Lower Upper

113 100

111 102.3 82.7 124.1

192 20.2 15.6 23.4

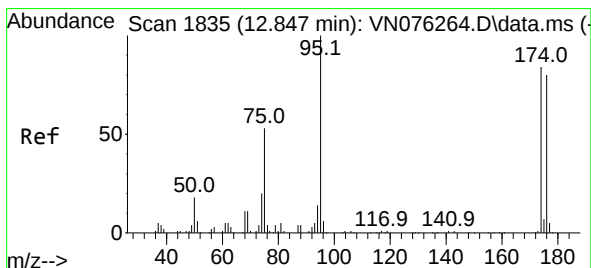
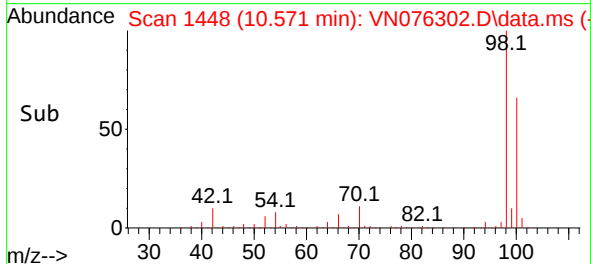
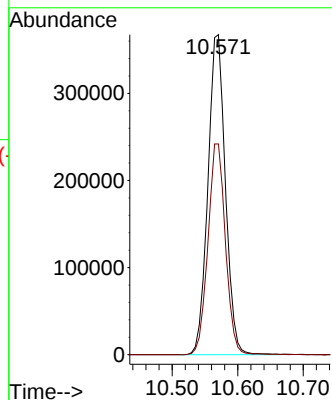
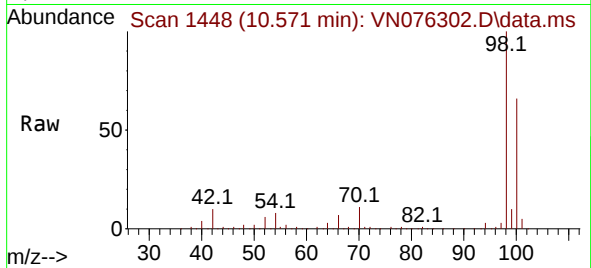




#50
Toluene-d8
Concen: 48.372 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076302.D
Acq: 18 Jan 2023 18:18

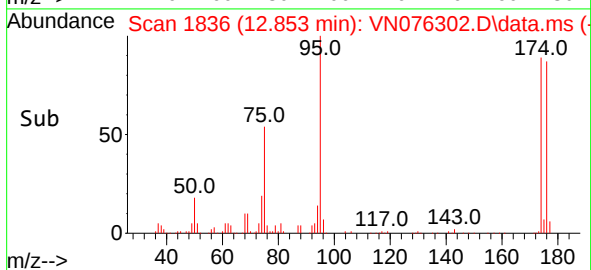
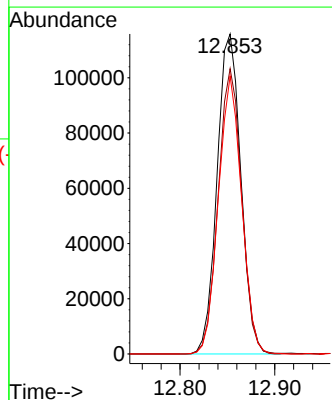
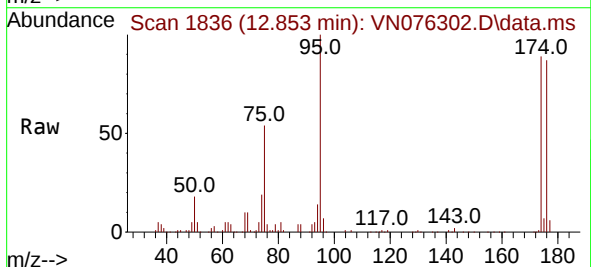
Instrument :
MSVOA_N
ClientSampleId :
PE-7

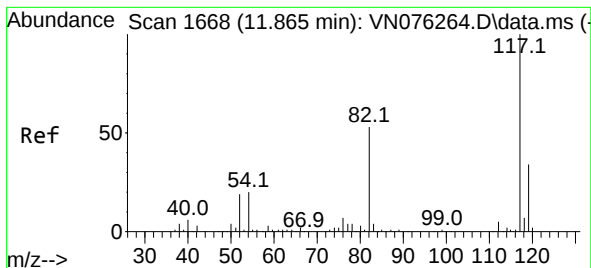
Tgt Ion: 98 Resp: 681163
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 44.146 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076302.D
Acq: 18 Jan 2023 18:18

Tgt Ion: 95 Resp: 202941
Ion Ratio Lower Upper
95 100
174 87.2 0.0 174.6
176 84.5 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN076302.D

Acq: 18 Jan 2023 18:18

Instrument :

MSVOA_N

ClientSampleId :

PE-7

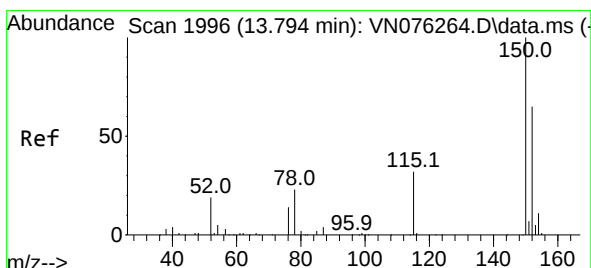
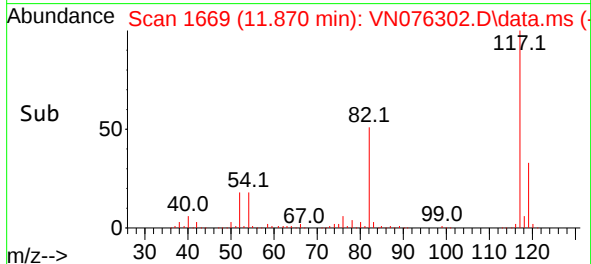
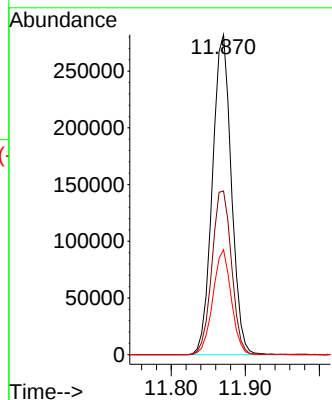
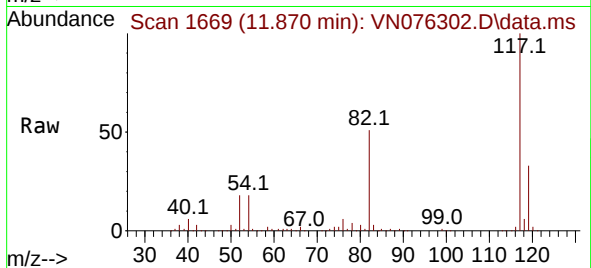
Tgt Ion:117 Resp: 501002

Ion Ratio Lower Upper

117 100

82 51.2 42.2 63.2

119 32.8 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: VN076302.D

Acq: 18 Jan 2023 18:18

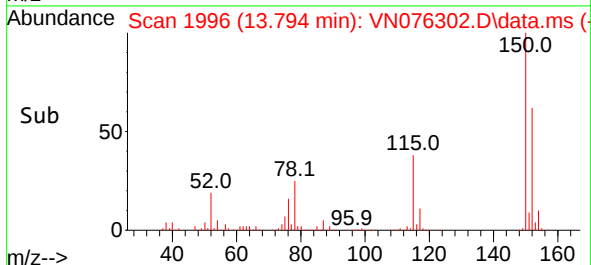
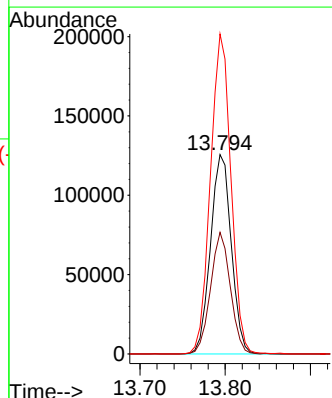
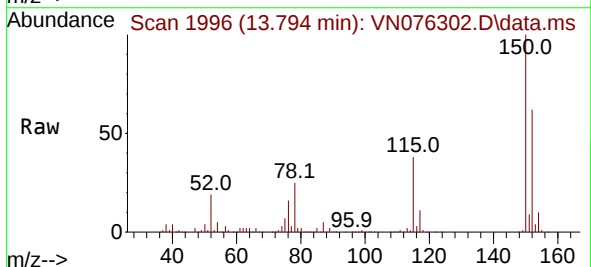
Tgt Ion:152 Resp: 212544

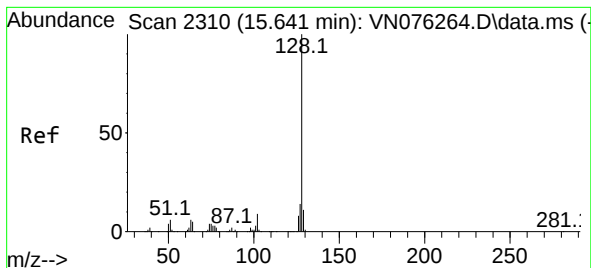
Ion Ratio Lower Upper

152 100

115 58.2 29.6 88.9

150 158.5 0.0 351.4





#95

Naphthalene

Concen: 2.032 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN076302.D

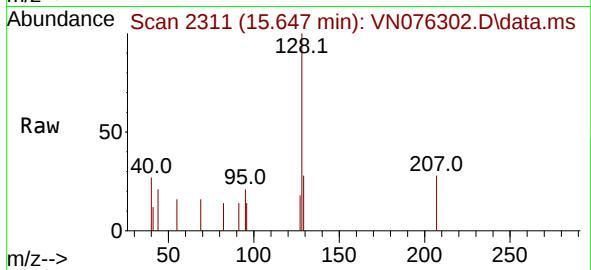
Acq: 18 Jan 2023 18:18

Instrument :

MSVOA_N

ClientSampleId :

PE-7



Tgt Ion:128 Resp: 2214

Ion Ratio Lower Upper

128 100

127 9.4 10.3 15.5#

129 5.5 8.6 13.0#

