

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030822\
 Data File : VN071195.D
 Acq On : 08 Mar 2022 17:17
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 09 04:03:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

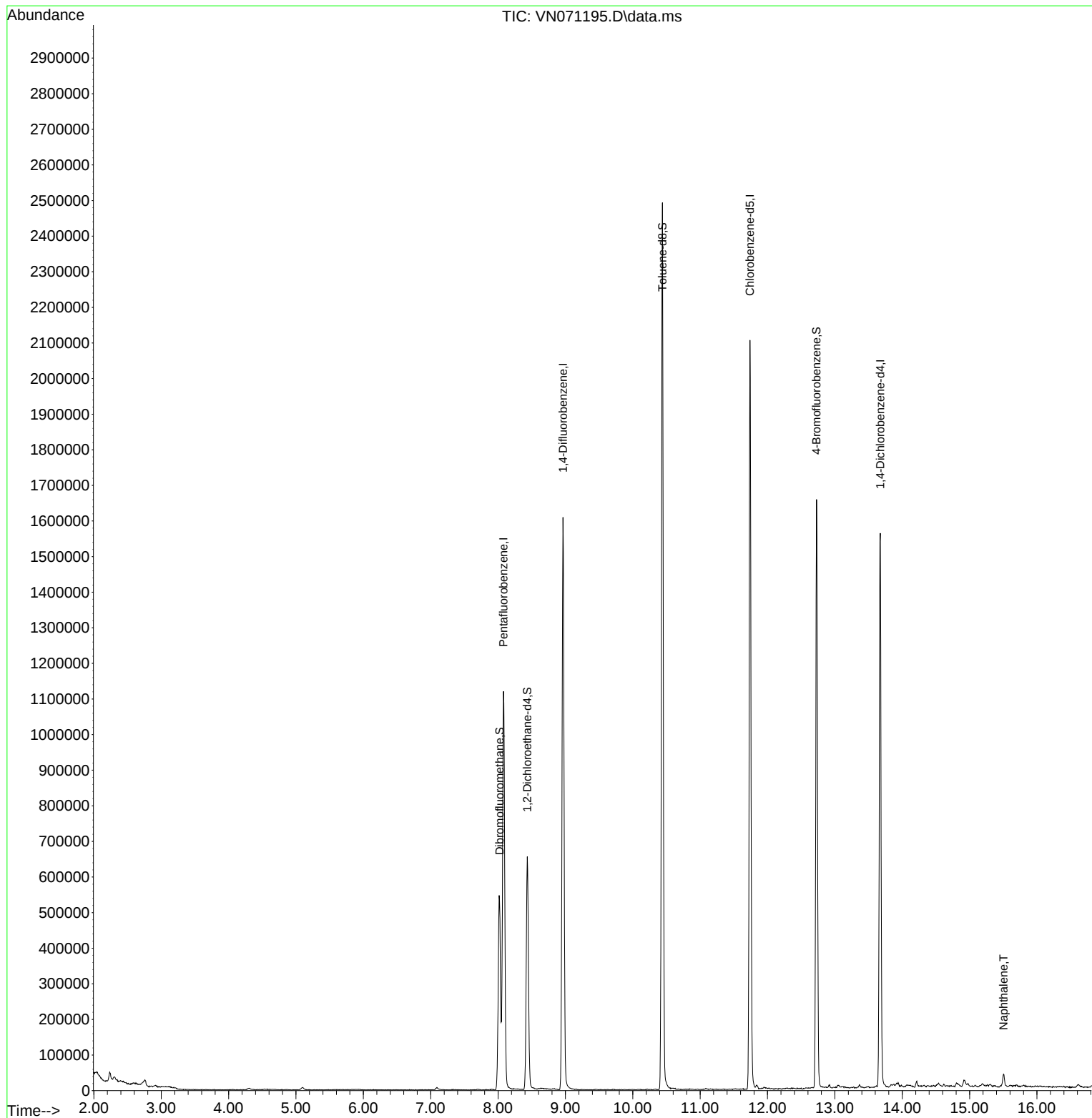
Internal Standards						
1) Pentafluorobenzene	8.080	168	862517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1401652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1230380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	442112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	544462	46.058	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.120%
35) Dibromofluoromethane	8.022	113	408647	46.201	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.400%
50) Toluene-d8	10.439	98	1690398	47.467	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.940%
62) 4-Bromofluorobenzene	12.727	95	591326	49.035	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.080%
Target Compounds						
95) Naphthalene	15.503	128	35545	6.644	ug/l	Qvalue 97

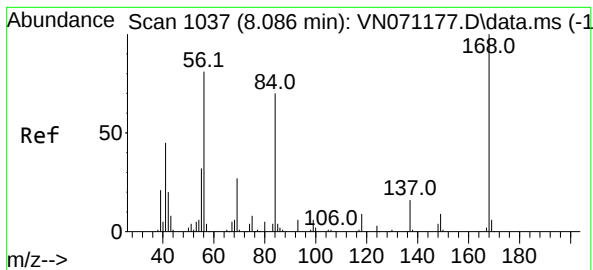
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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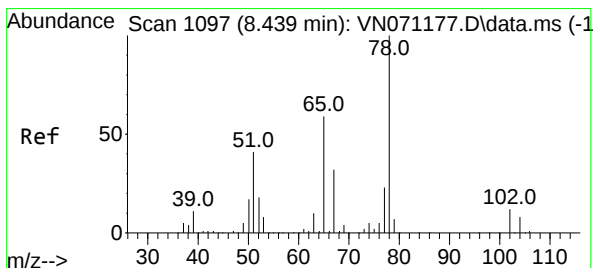
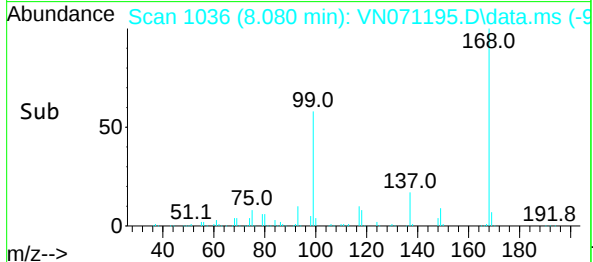
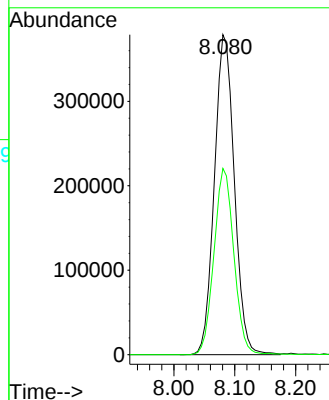
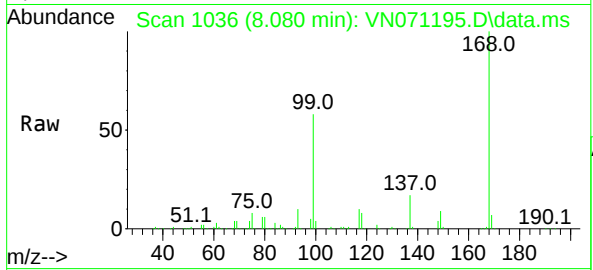




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VN071195.D
Acq: 08 Mar 2022 17:17

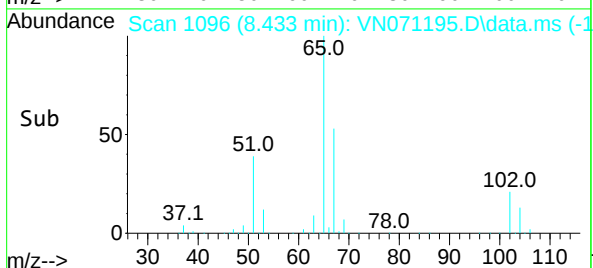
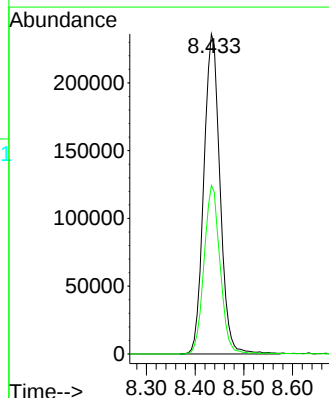
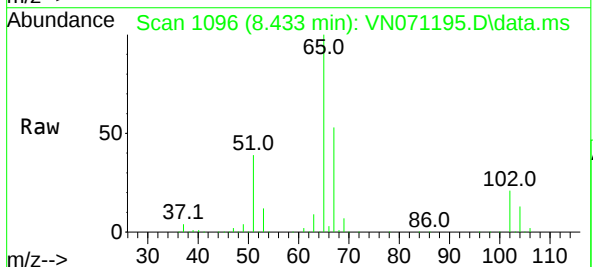
Instrument :
MSVOA_N
ClientSampleId :
IBLK

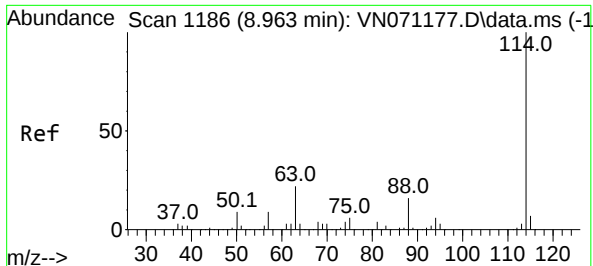
Tgt Ion:168 Resp: 862517
Ion Ratio Lower Upper
168 100
99 58.2 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 46.058 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071195.D
Acq: 08 Mar 2022 17:17

Tgt Ion: 65 Resp: 544462
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071195.D

Acq: 08 Mar 2022 17:17

Instrument :

MSVOA_N

ClientSampleId :

IBLK

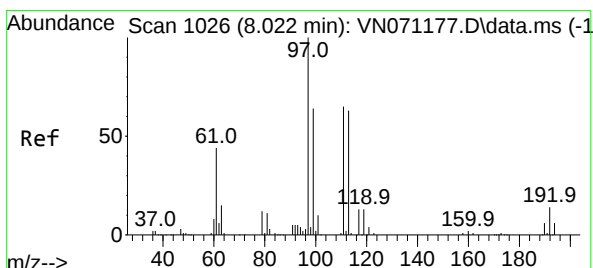
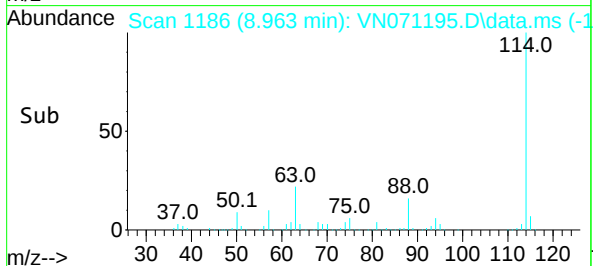
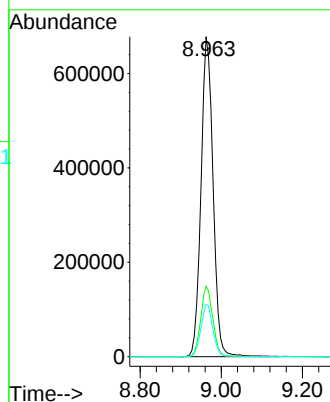
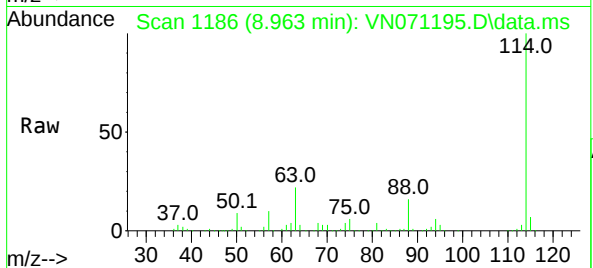
Tgt Ion:114 Resp: 1401652

Ion Ratio Lower Upper

114 100

63 21.9 0.0 37.8

88 16.4 0.0 27.4



#35

Dibromofluoromethane

Concen: 46.201 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN071195.D

Acq: 08 Mar 2022 17:17

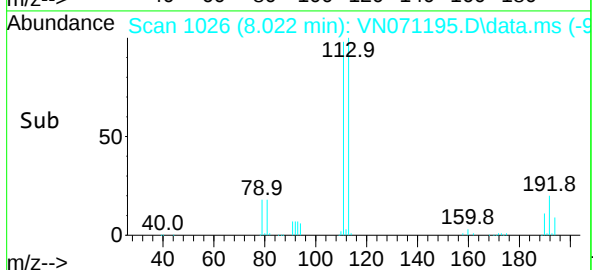
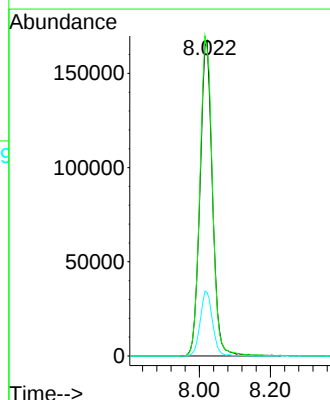
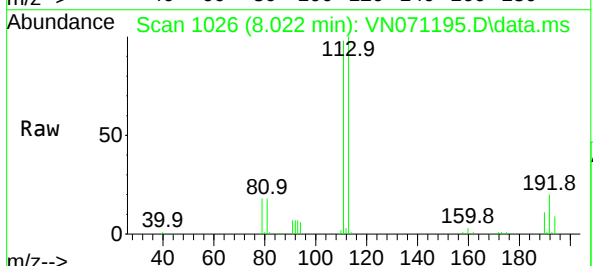
Tgt Ion:113 Resp: 408647

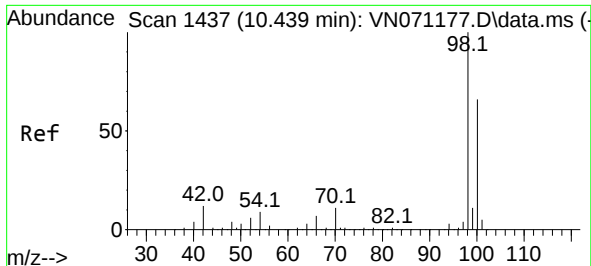
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.2

192 20.3 16.9 25.3

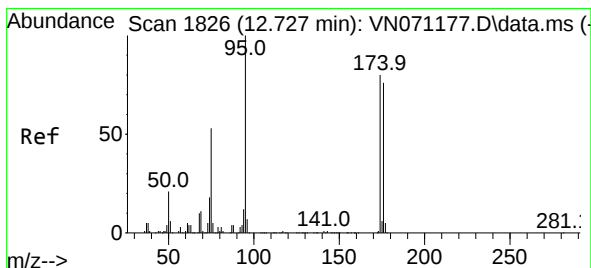
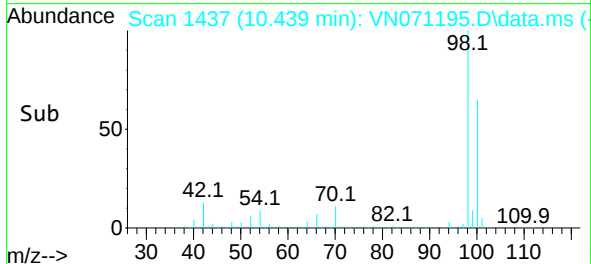
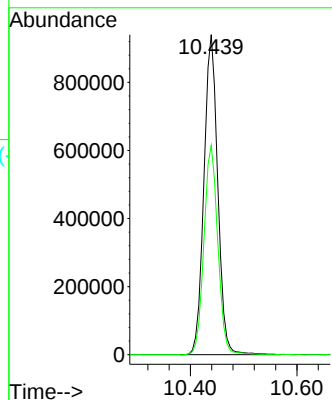
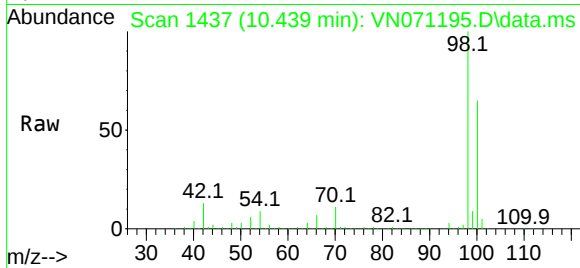




#50
Toluene-d8
Concen: 47.467 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071195.D
Acq: 08 Mar 2022 17:17

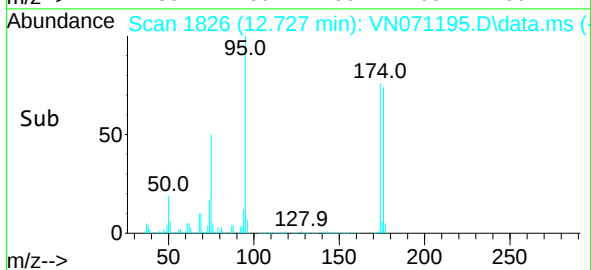
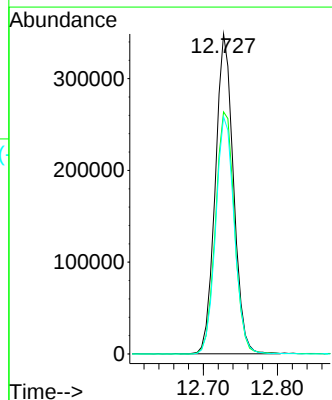
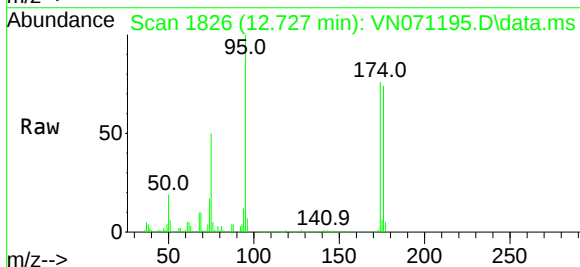
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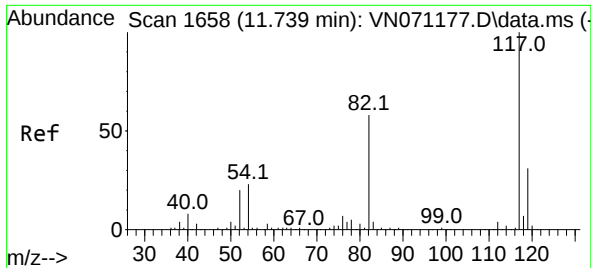
Tgt Ion: 98 Resp: 1690398
Ion Ratio Lower Upper
98 100
100 65.7 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 49.035 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071195.D
Acq: 08 Mar 2022 17:17

Tgt Ion: 95 Resp: 591326
Ion Ratio Lower Upper
95 100
174 79.2 0.0 187.2
176 76.1 0.0 181.4

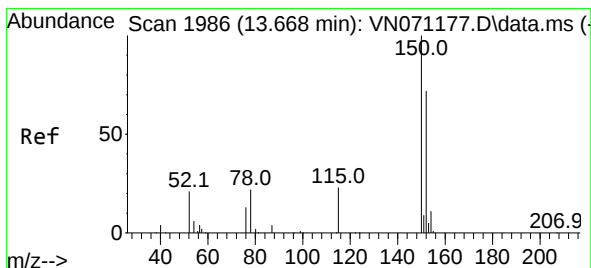
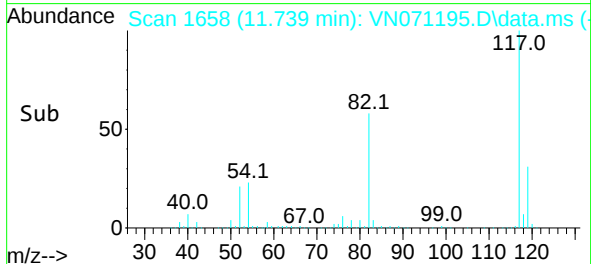
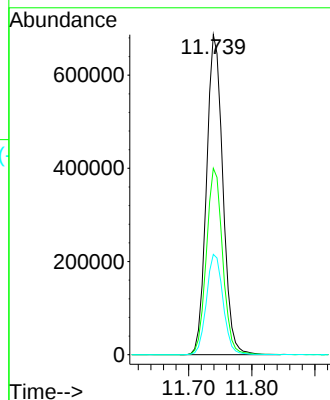
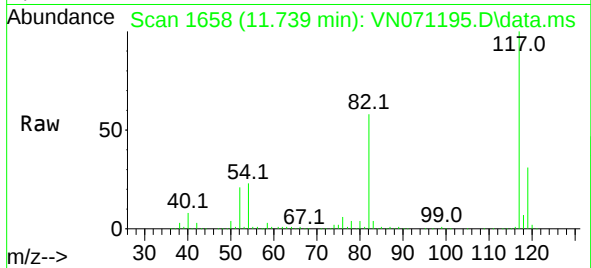




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071195.D
Acq: 08 Mar 2022 17:17

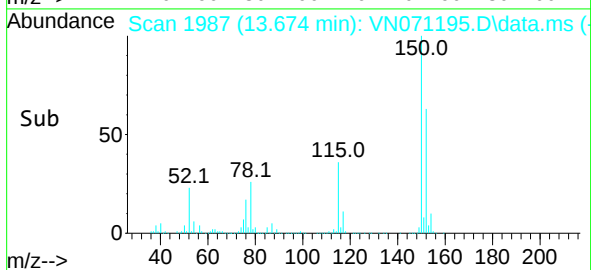
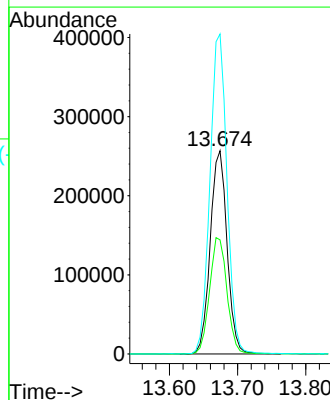
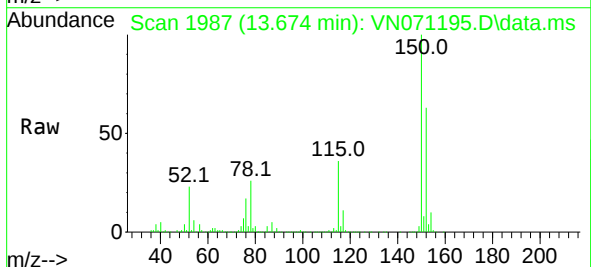
Instrument :
MSVOA_N
ClientSampleId :
IBLK

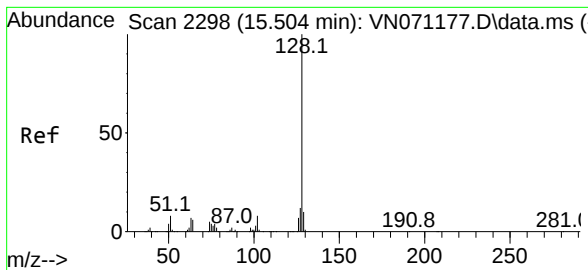
Tgt Ion:117 Resp: 1230380
Ion Ratio Lower Upper
117 100
82 58.2 42.4 63.6
119 31.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071195.D
Acq: 08 Mar 2022 17:17

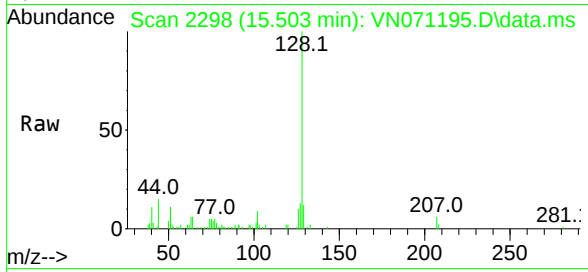
Tgt Ion:152 Resp: 442112
Ion Ratio Lower Upper
152 100
115 59.1 27.5 82.5
150 159.2 0.0 344.4





#95
Naphthalene
Concen: 6.644 ug/l
RT: 15.503 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN071195.D
Acq: 08 Mar 2022 17:17

Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion:	128	Resp:	35545
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	12.8	8.7	13.1

