

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
 Data File : VN073834.D
 Acq On : 11 Aug 2022 18:56
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Aug 12 06:08:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

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

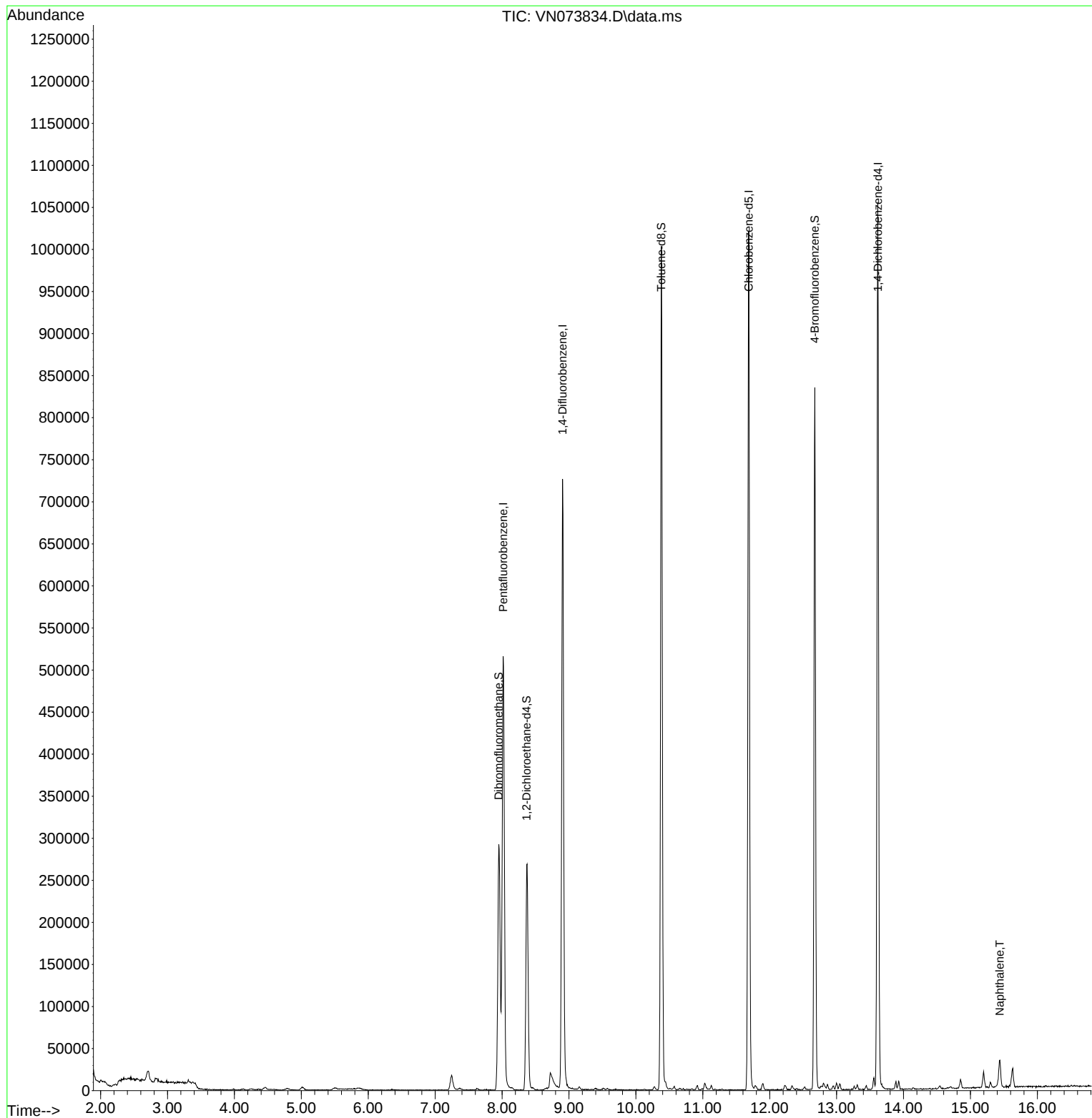
Internal Standards						
1) Pentafluorobenzene	8.016	168	429547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	661838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	619348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	303361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	227033	43.371	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.740%
35) Dibromofluoromethane	7.951	113	217943	52.442	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.880%
50) Toluene-d8	10.380	98	699455	42.769	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	85.540%#
62) 4-Bromofluorobenzene	12.674	95	266586	46.631	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.260%
Target Compounds						
95) Naphthalene	15.439	128	38801	2.251	ug/l	Qvalue 99

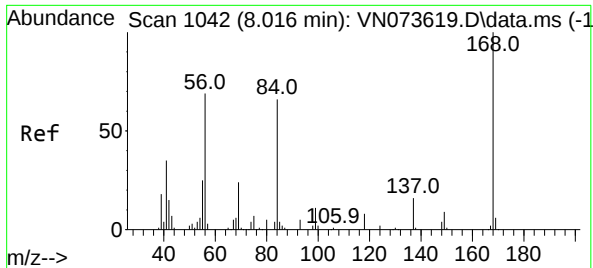
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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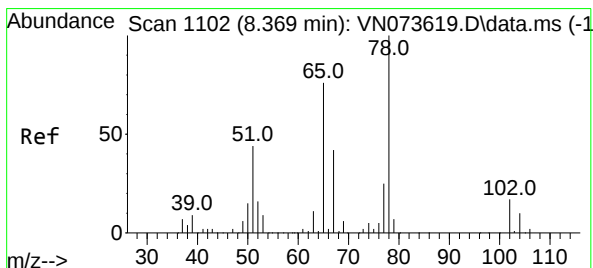
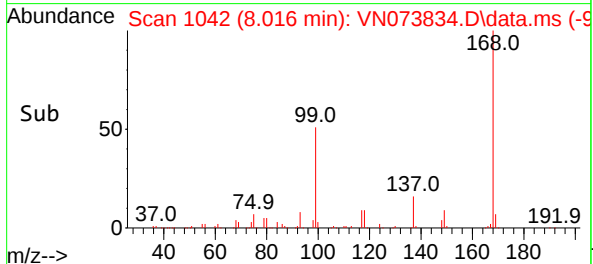
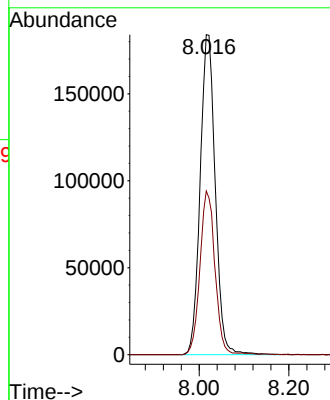
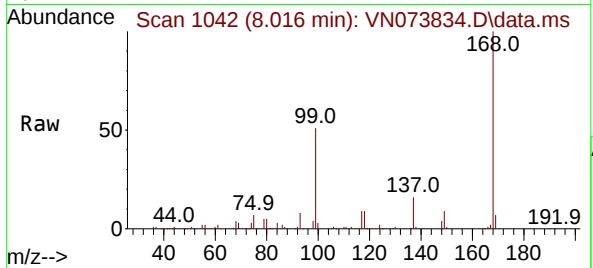




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

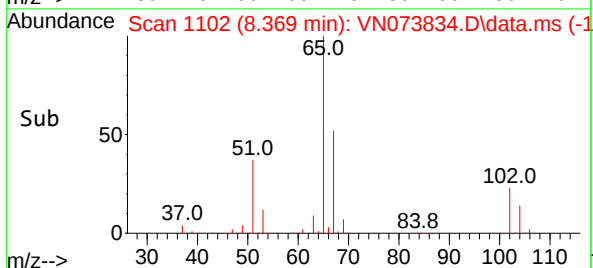
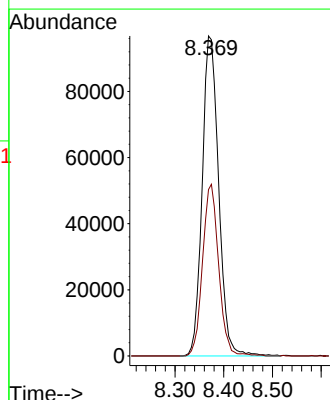
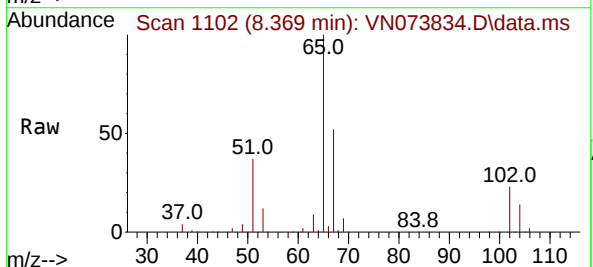
Instrument :
MSVOA_N
ClientSampleId :
IBLK

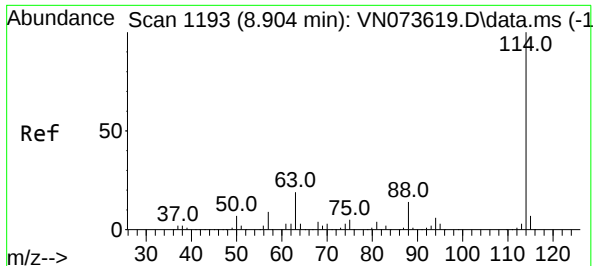
Tgt Ion:168 Resp: 429547
Ion Ratio Lower Upper
168 100
99 51.2 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 43.371 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

Tgt Ion: 65 Resp: 227033
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073834.D

Acq: 11 Aug 2022 18:56

Instrument :

MSVOA_N

ClientSampleId :

IBLK

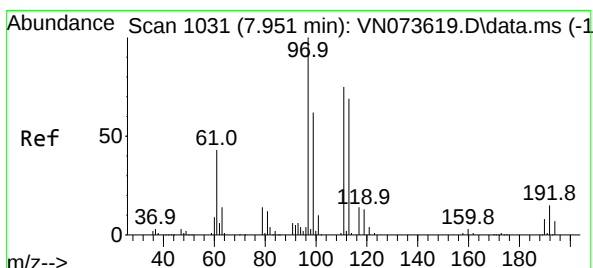
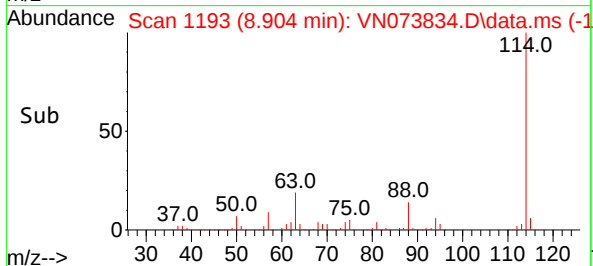
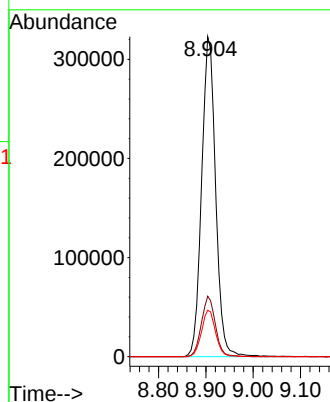
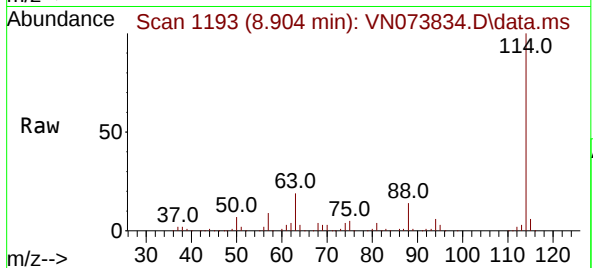
Tgt Ion:114 Resp: 661838

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 14.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.442 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN073834.D

Acq: 11 Aug 2022 18:56

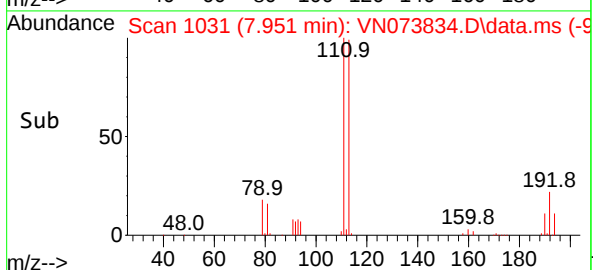
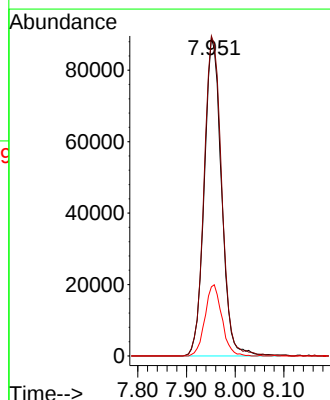
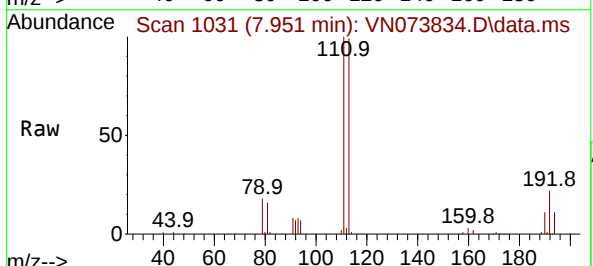
Tgt Ion:113 Resp: 217943

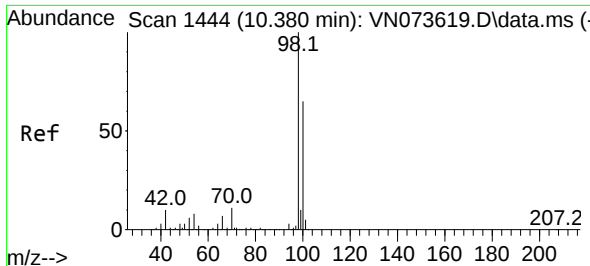
Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 22.0 17.0 25.6

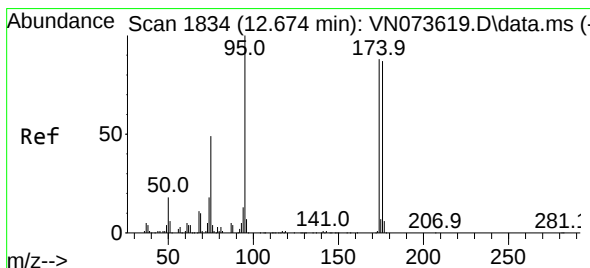
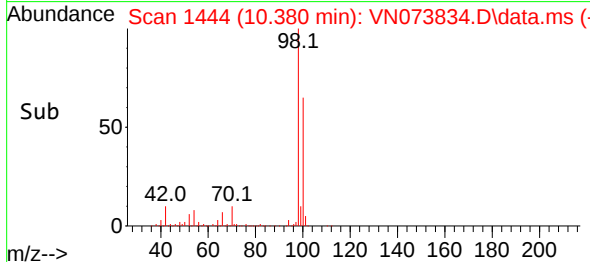
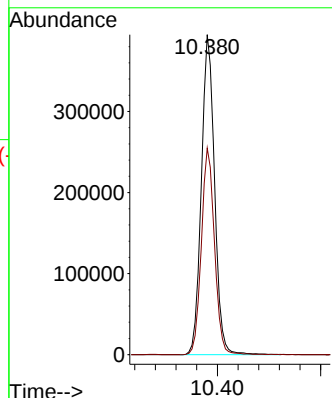
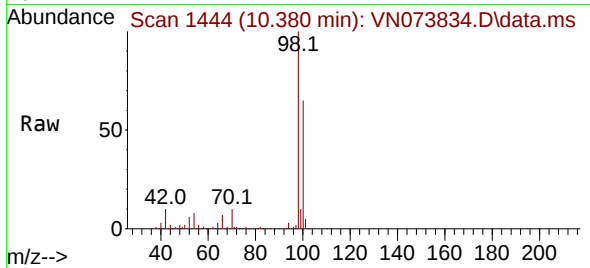




#50
Toluene-d8
Concen: 42.769 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

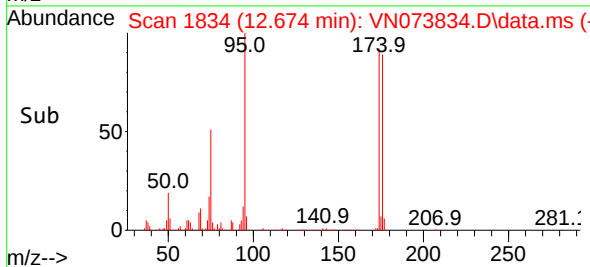
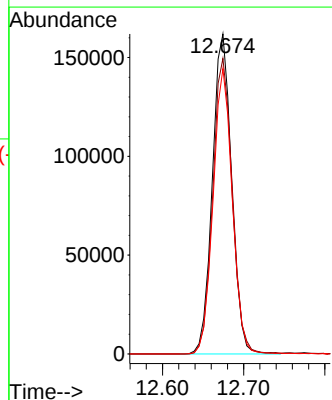
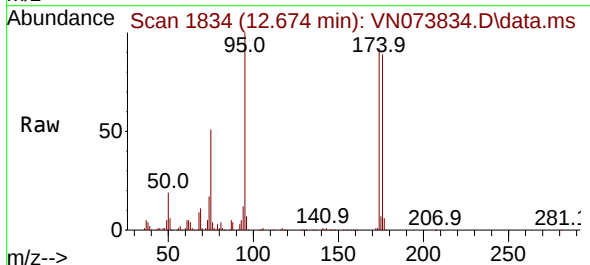
Instrument :
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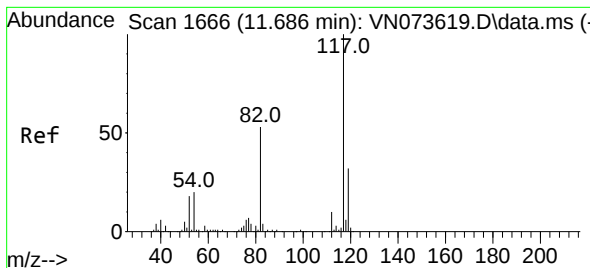
Tgt Ion: 98 Resp: 699455
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.631 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

Tgt Ion: 95 Resp: 266586
Ion Ratio Lower Upper
95 100
174 94.2 0.0 167.6
176 89.1 0.0 163.4

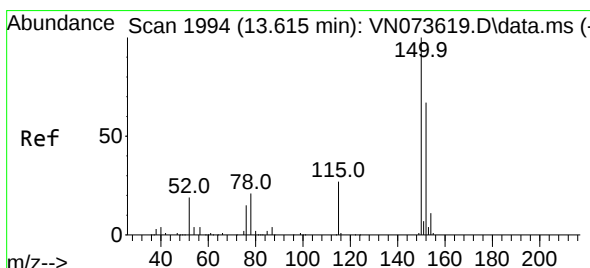
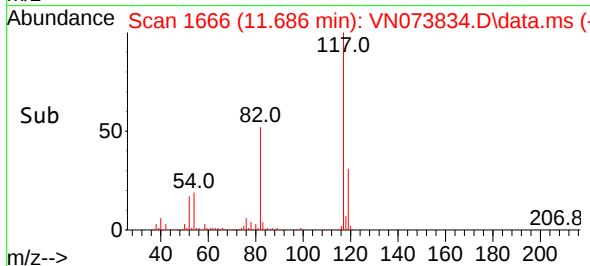
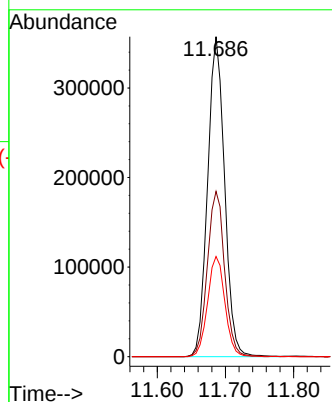
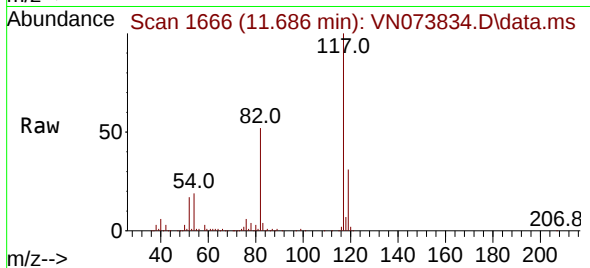




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

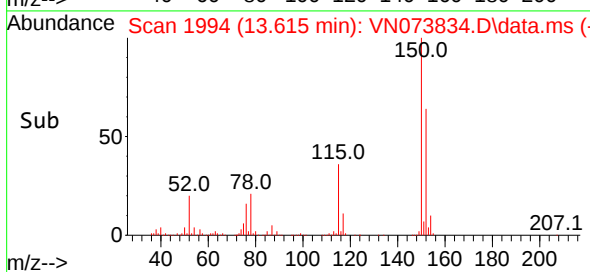
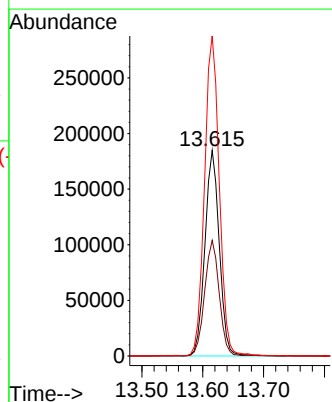
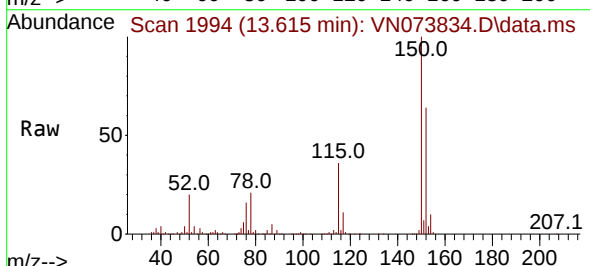
Instrument :
MSVOA_N
ClientSampleId :
IBLK

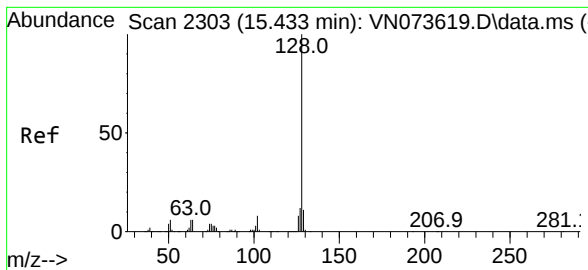
Tgt Ion:117 Resp: 619348
Ion Ratio Lower Upper
117 100
82 51.7 44.2 66.2
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

Tgt Ion:152 Resp: 303361
Ion Ratio Lower Upper
152 100
115 57.0 28.9 86.7
150 159.8 0.0 356.2





#95
Naphthalene
Concen: 2.251 ug/l
RT: 15.439 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:	128	Resp:	38801
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	10.3	8.6	13.0

