

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
 Data File : VN070022.D
 Acq On : 11 Dec 2021 21:10
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 12 16:27:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	1134897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	2114280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2469159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	1628192	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	862642	49.230	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.460%
35) Dibromofluoromethane	8.024	113	634454	47.907	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.820%
50) Toluene-d8	10.443	98	2788963	52.447	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.900%
62) 4-Bromofluorobenzene	12.733	95	1284002	66.650	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	133.300%

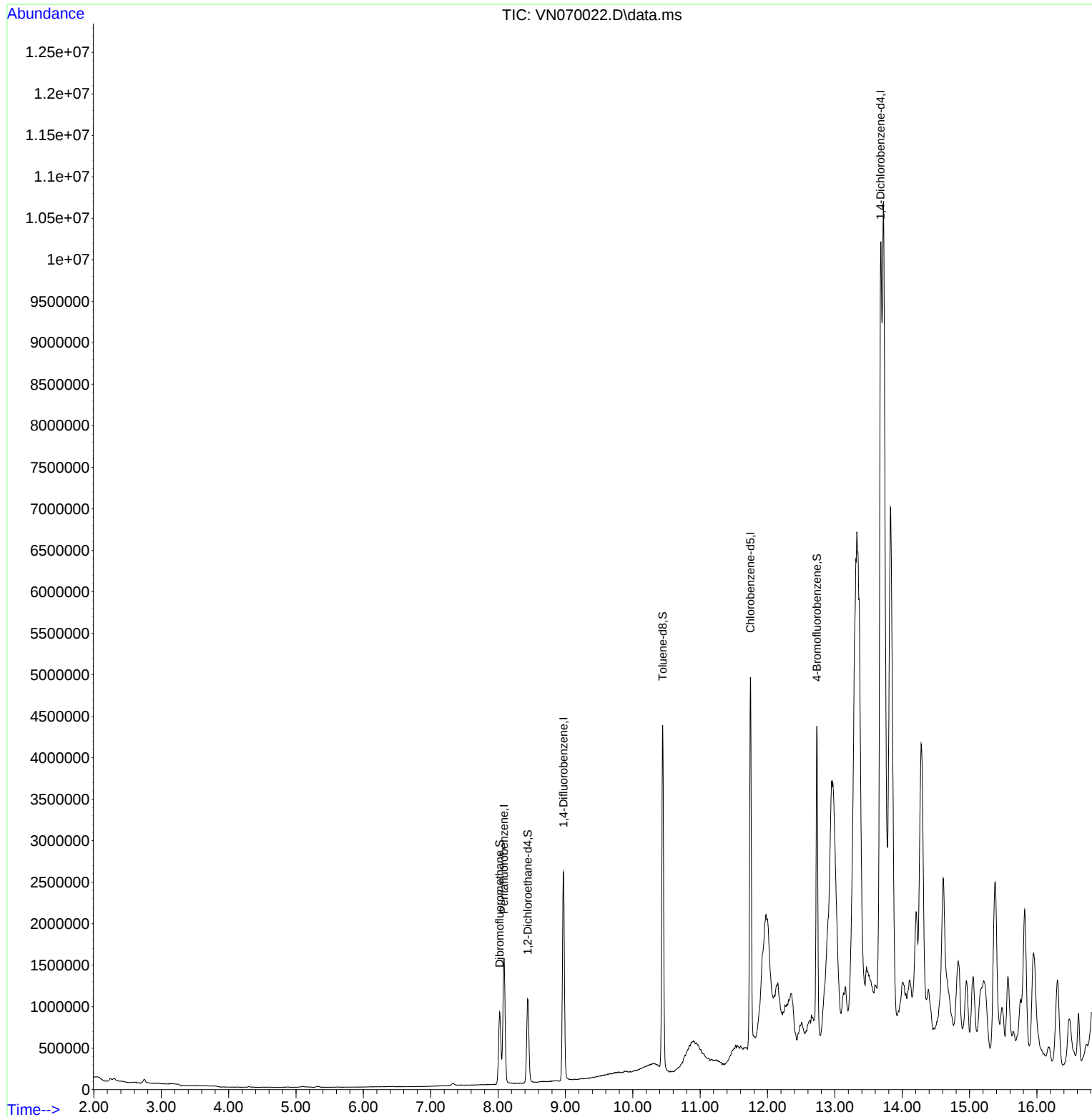
Target Compounds	Qvalue

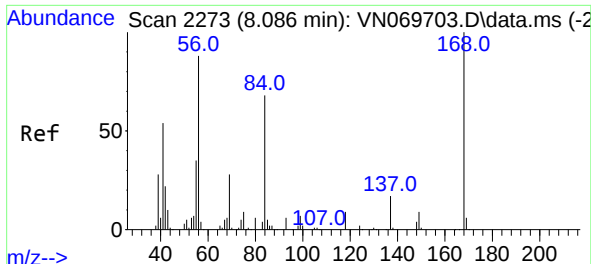
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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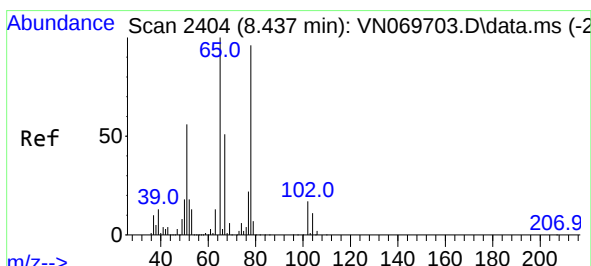
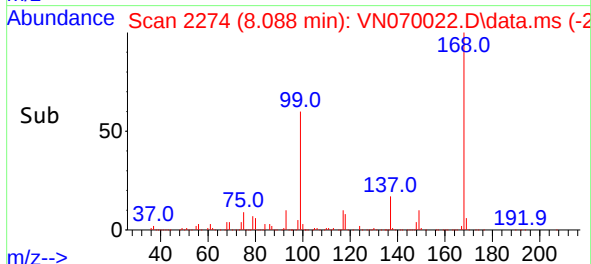
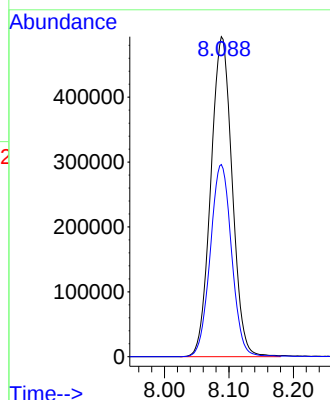
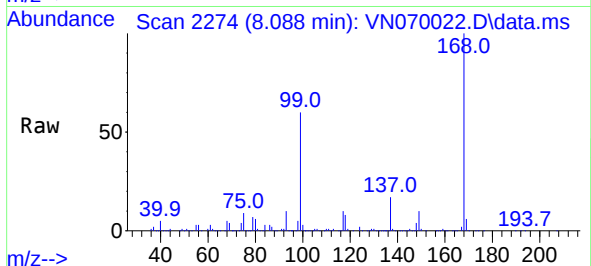




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070022.D
Acq: 11 Dec 2021 21:10

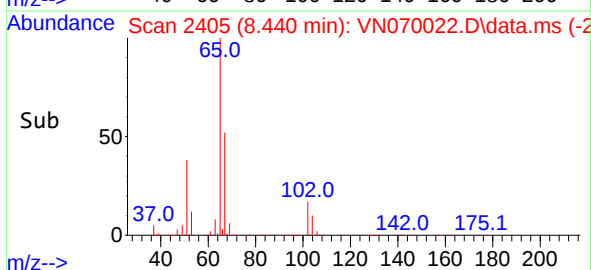
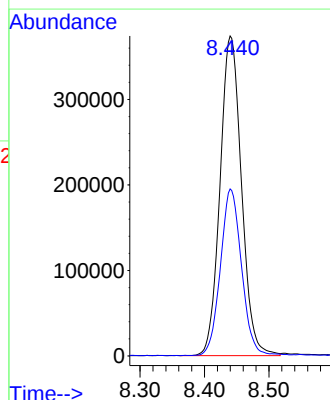
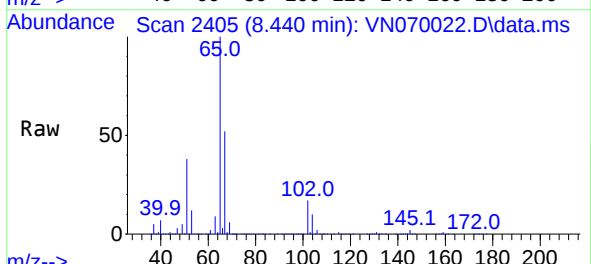
Instrument :
MSVOA_N
ClientSampleId :
IBLK

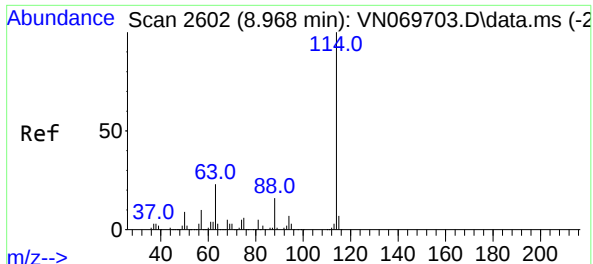
Tgt Ion:168 Resp: 1134897
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 49.230 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070022.D
Acq: 11 Dec 2021 21:10

Tgt Ion: 65 Resp: 862642
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.0

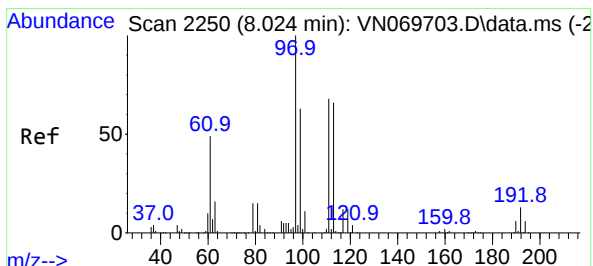
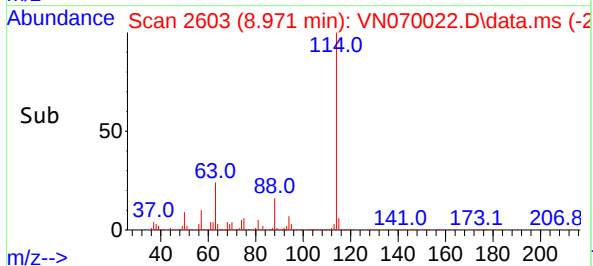
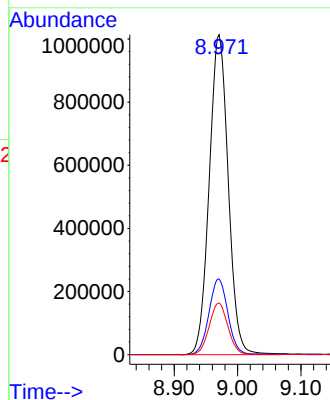
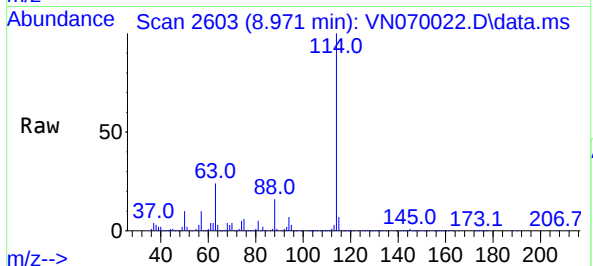




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN070022.D
Acq: 11 Dec 2021 21:10

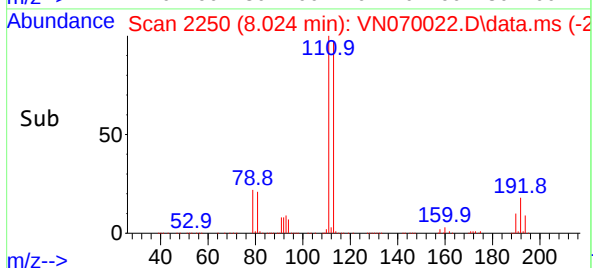
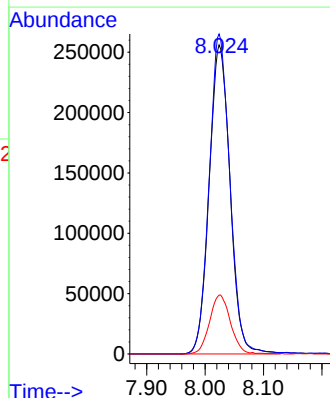
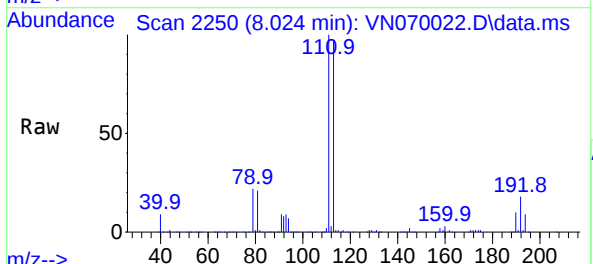
Instrument :
MSVOA_N
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IBLK

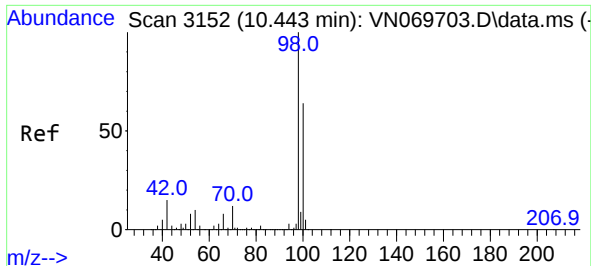
Tgt Ion:114 Resp: 2114280
Ion Ratio Lower Upper
114 100
63 23.6 0.0 37.8
88 16.2 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.907 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN070022.D
Acq: 11 Dec 2021 21:10

Tgt Ion:113 Resp: 634454
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 19.0 16.9 25.3

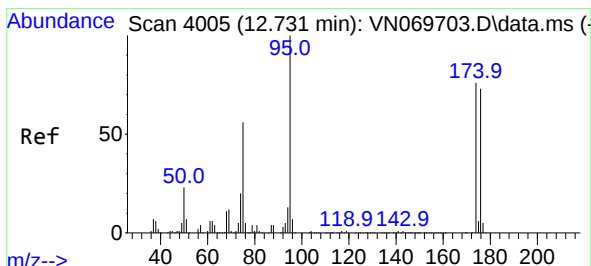
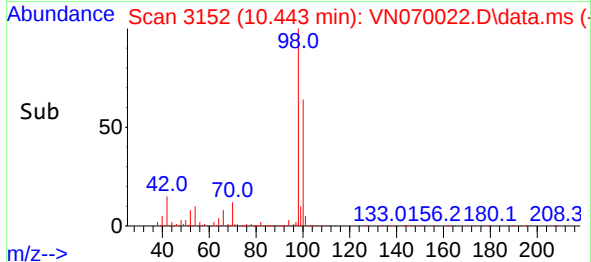
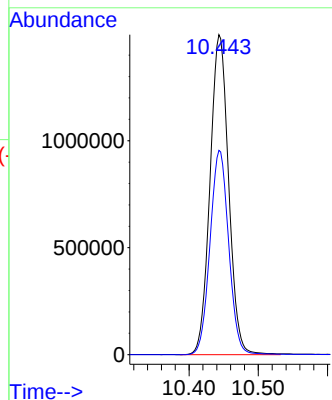
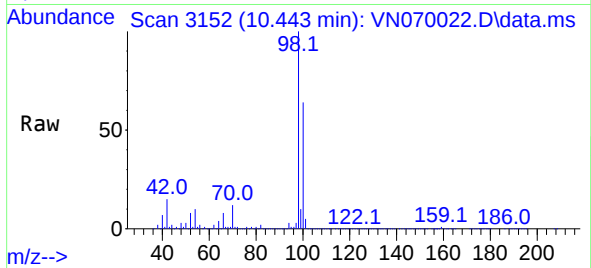




#50
Toluene-d8
Concen: 52.447 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070022.D
Acq: 11 Dec 2021 21:10

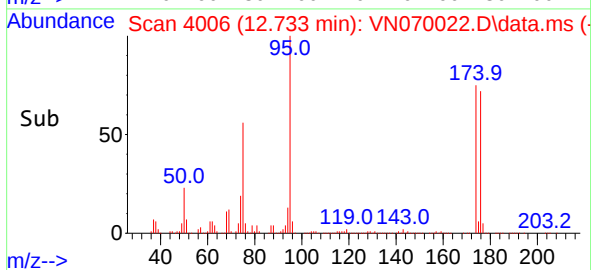
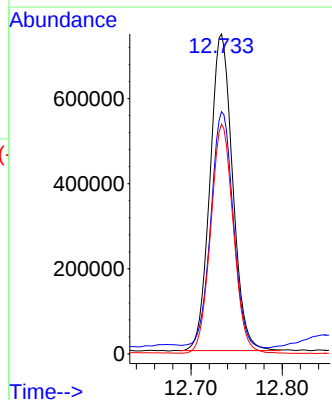
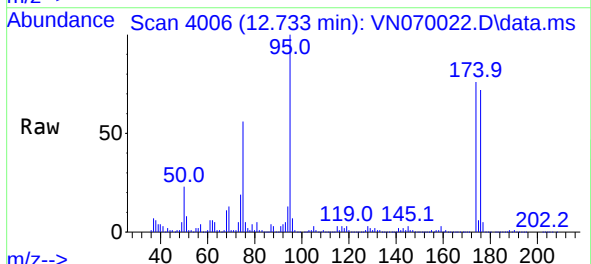
Instrument :
MSVOA_N
ClientSampleId :
IBLK

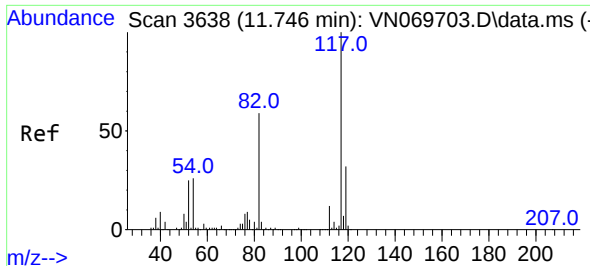
Tgt Ion: 98 Resp: 2788963
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 66.650 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN070022.D
Acq: 11 Dec 2021 21:10

Tgt Ion: 95 Resp: 1284002
Ion Ratio Lower Upper
95 100
174 73.9 0.0 187.2
176 72.5 0.0 181.4



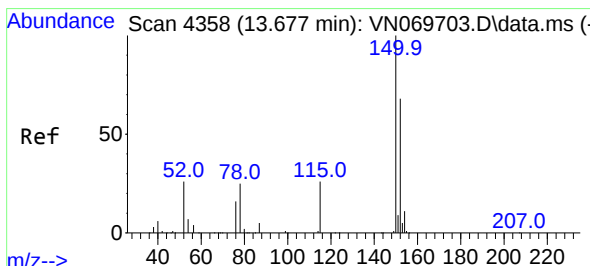
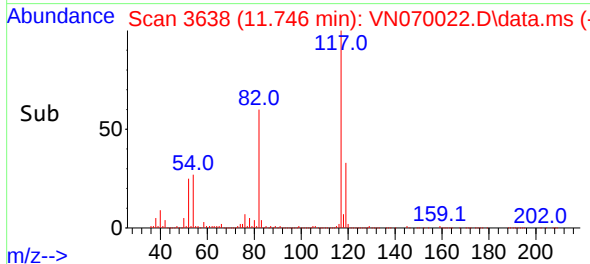
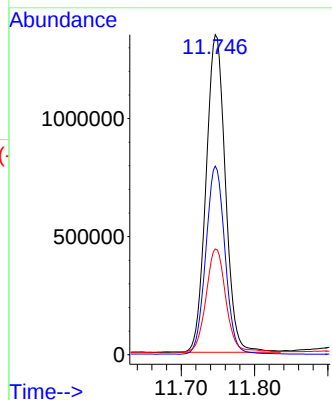
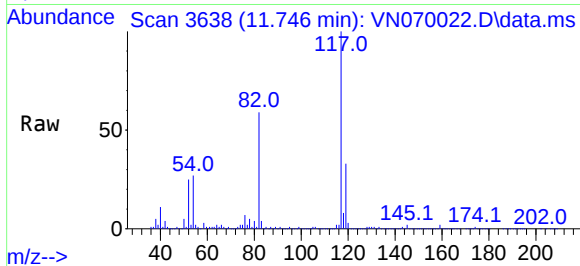


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN070022.D
Acq: 11 Dec 2021 21:10

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 2469159

Ion	Ratio	Lower	Upper
117	100		
82	59.3	42.4	63.6
119	32.4	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN070022.D
Acq: 11 Dec 2021 21:10

Tgt Ion:152 Resp: 1628192

Ion	Ratio	Lower	Upper
152	100		
115	85.0	27.5	82.5
150	116.5	0.0	344.4

