

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031722\
 Data File : VN071342.D
 Acq On : 17 Mar 2022 02:03
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 17 06:40:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 17 06:37:08 2022
 Response via : Initial Calibration

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

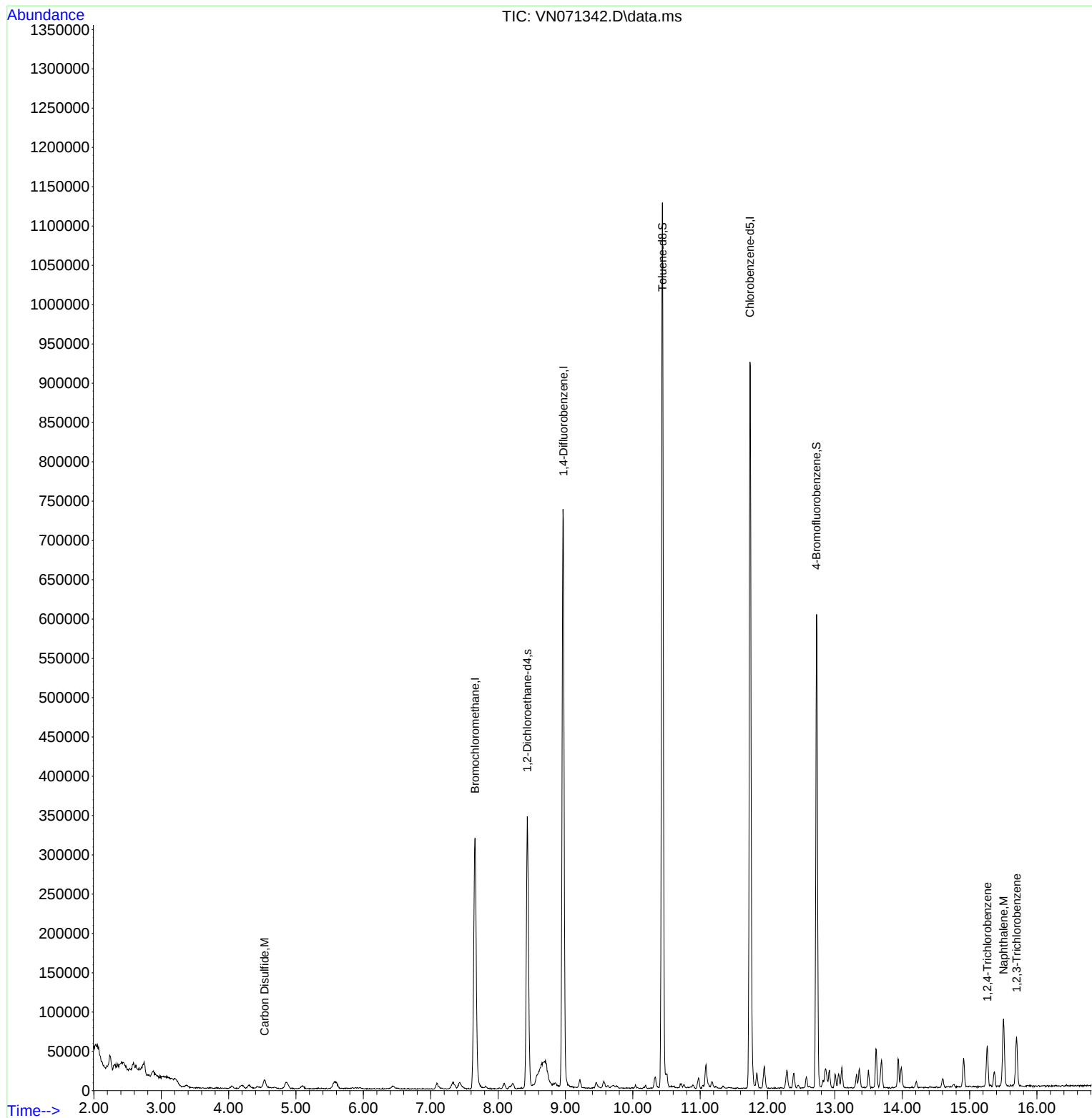
Internal Standards						
1) Bromochloromethane	7.657	128	115428	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.969	114	648547	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	547536	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	276991	30.225	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.733%
60) 4-Bromofluorobenzene	12.727	95	213693	25.262	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	84.200%
63) Toluene-d8	10.439	98	770041	30.572	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.900%
Target Compounds						
					Qvalue	
16) Carbon Disulfide	4.534	76	22705	1.272	ug/l	99
89) 1,2,4-Trichlorobenzene	15.263	180	18710	3.302	ug/l	98
91) Naphthalene	15.504	128	82533	4.653	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	24506	4.217	ug/l	96

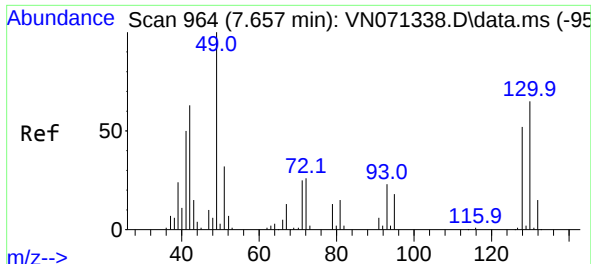
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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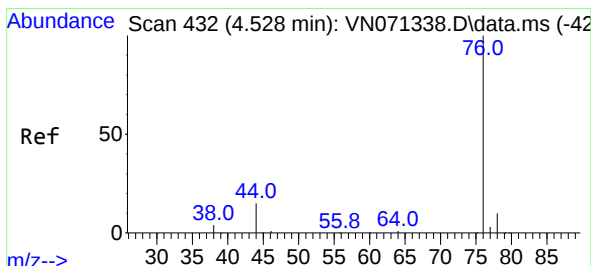
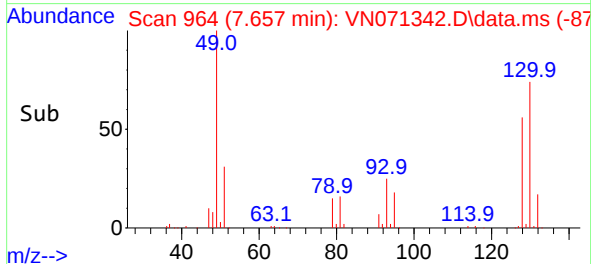
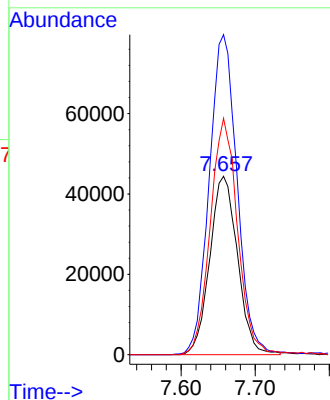
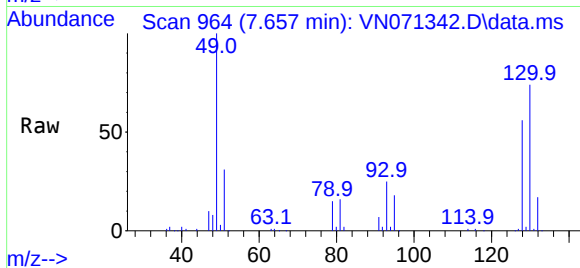




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 964
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

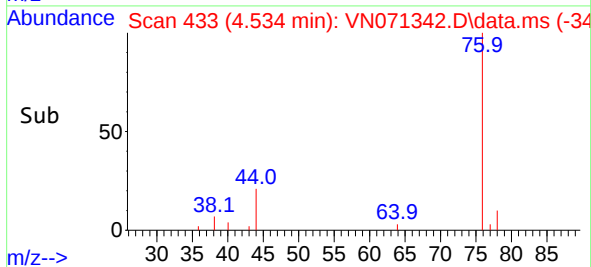
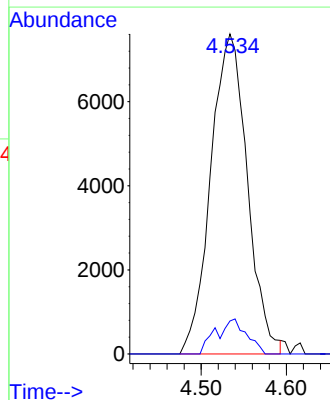
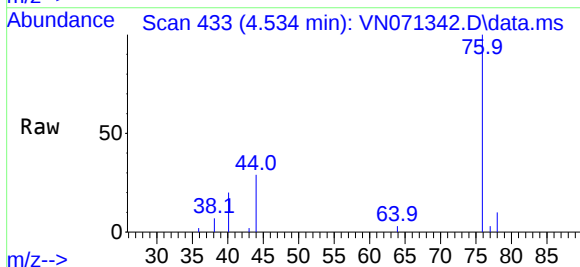
Instrument :
MSVOA_N
ClientSampleId :
IBLK

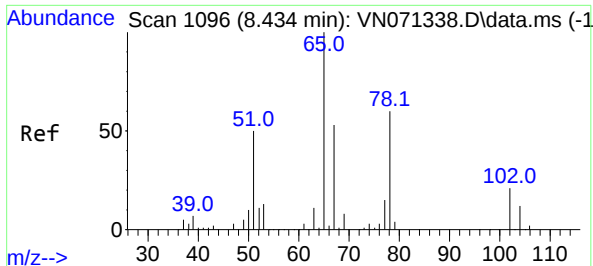
Tgt Ion:128 Resp: 115428
Ion Ratio Lower Upper
128 100
49 180.5 0.0 392.3
130 129.3 0.0 320.2



#16
Carbon Disulfide
Concen: 1.272 ug/l
RT: 4.534 min Scan# 433
Delta R.T. 0.006 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Tgt Ion: 76 Resp: 22705
Ion Ratio Lower Upper
76 100
78 10.3 7.8 11.8

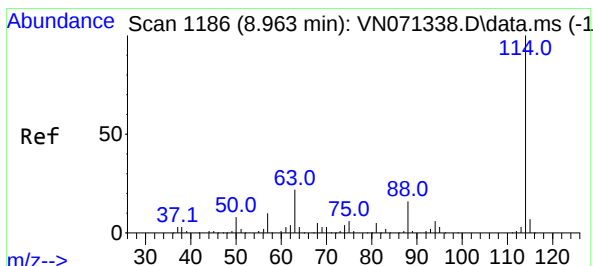
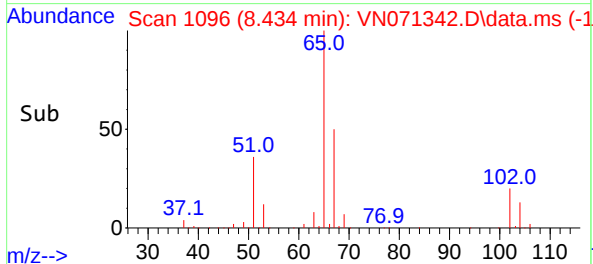
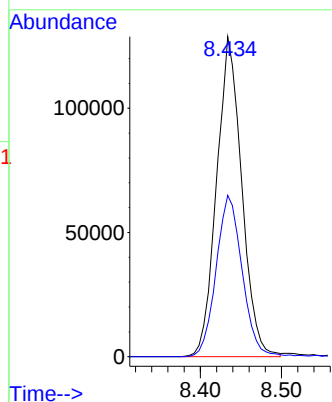
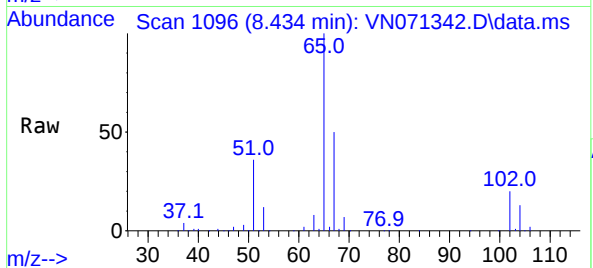




#27
1,2-Dichloroethane-d4
Concen: 30.225 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

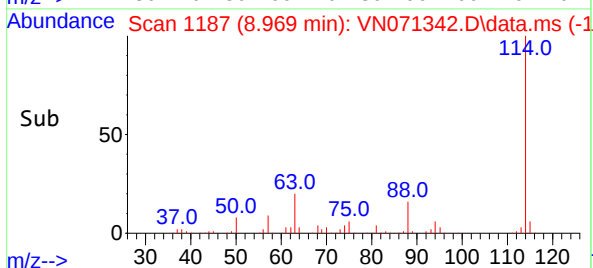
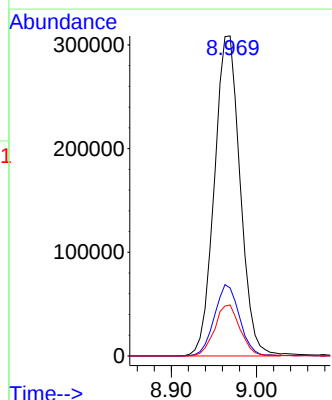
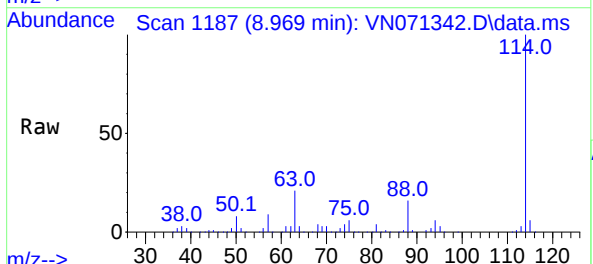
Instrument :
MSVOA_N
ClientSampleId :
IBLK

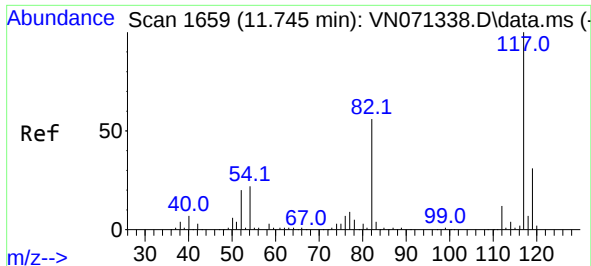
Tgt Ion: 65 Resp: 276991
Ion Ratio Lower Upper
65 100
67 52.1 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.969 min Scan# 1187
Delta R.T. 0.006 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Tgt Ion: 114 Resp: 648547
Ion Ratio Lower Upper
114 100
63 21.8 15.8 23.6
88 15.7 11.6 17.4

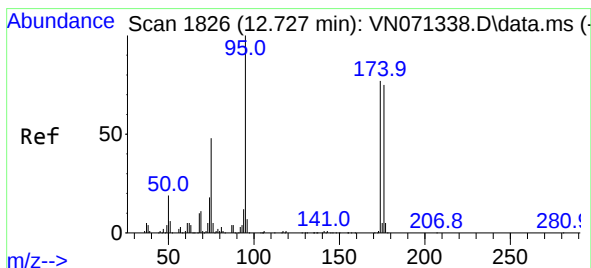
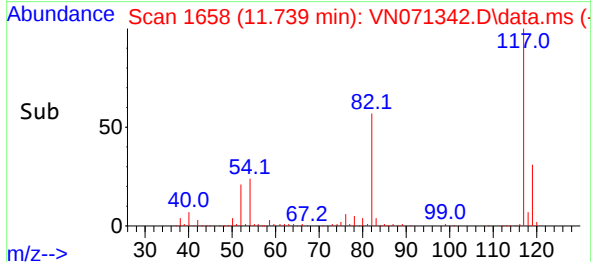
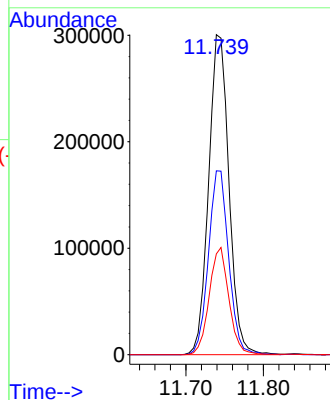
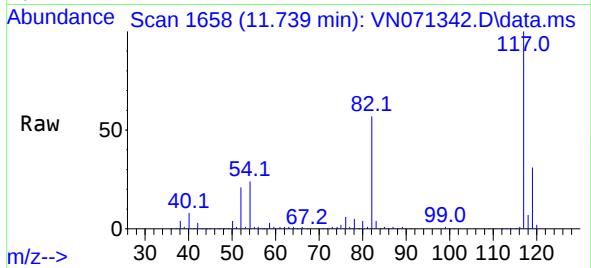




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

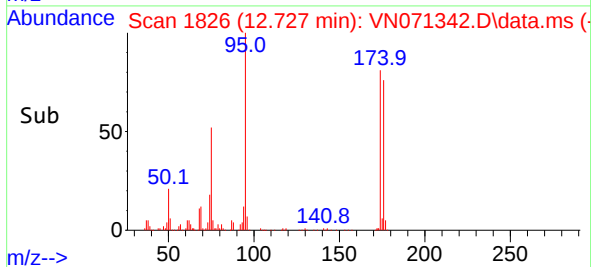
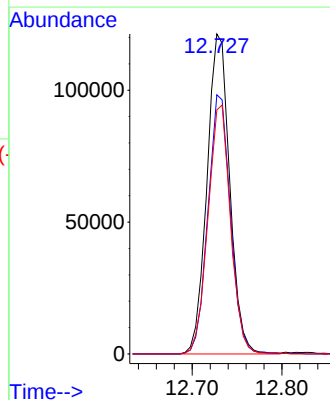
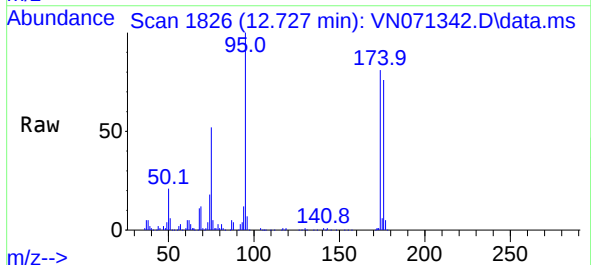
Instrument :
MSVOA_N
ClientSampleId :
IBLK

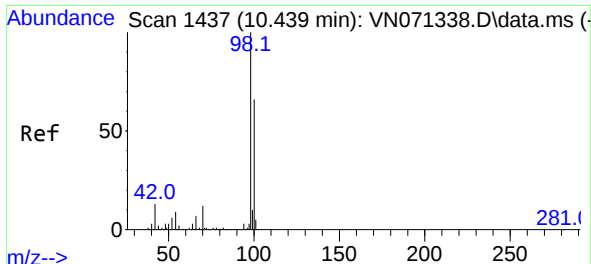
Tgt Ion:117 Resp: 547536
Ion Ratio Lower Upper
117 100
82 57.3 43.6 65.4
119 32.5 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 25.262 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Tgt Ion: 95 Resp: 213693
Ion Ratio Lower Upper
95 100
174 80.2 62.9 94.3
176 76.8 61.0 91.4

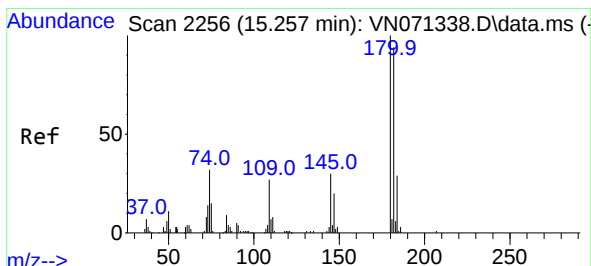
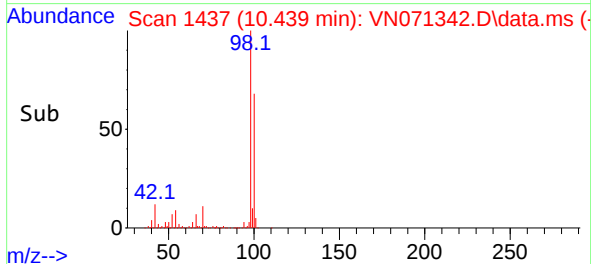
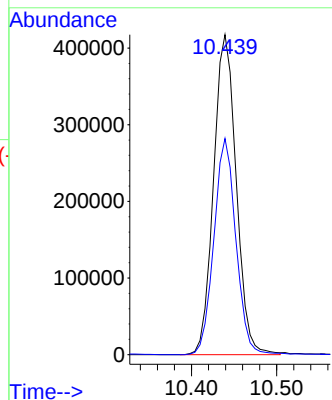
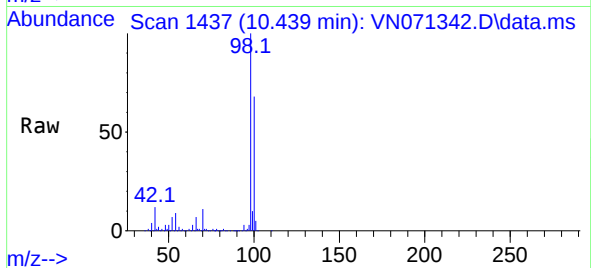




#63
Toluene-d8
Concen: 30.572 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

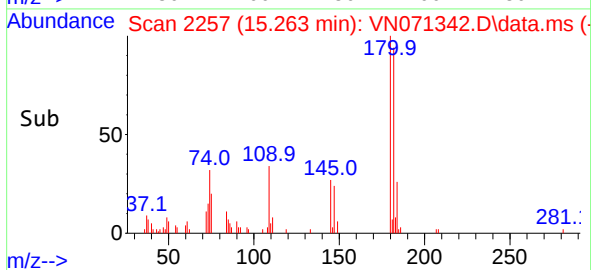
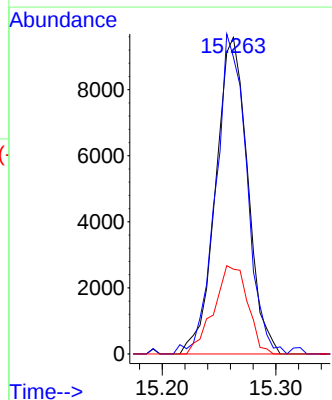
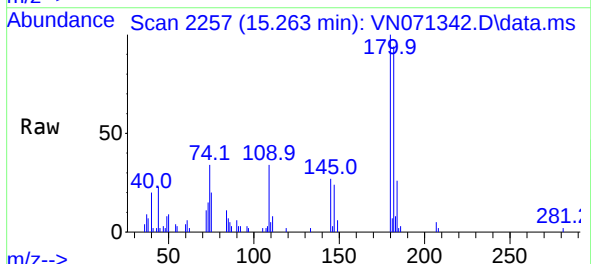
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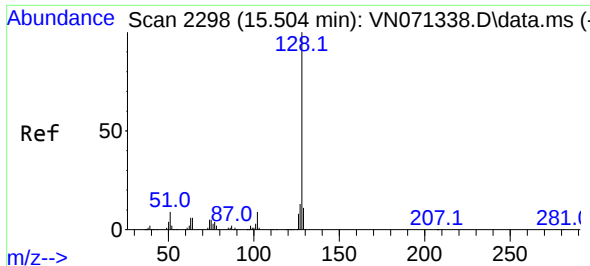
Tgt Ion: 98 Resp: 770041
Ion Ratio Lower Upper
98 100
100 65.6 50.6 76.0



#89
1,2,4-Trichlorobenzene
Concen: 3.302 ug/l
RT: 15.263 min Scan# 2257
Delta R.T. 0.006 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Tgt Ion:180 Resp: 18710
Ion Ratio Lower Upper
180 100
182 97.1 77.7 116.5
145 29.6 26.6 39.8

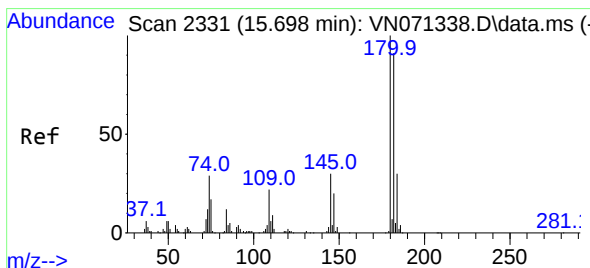
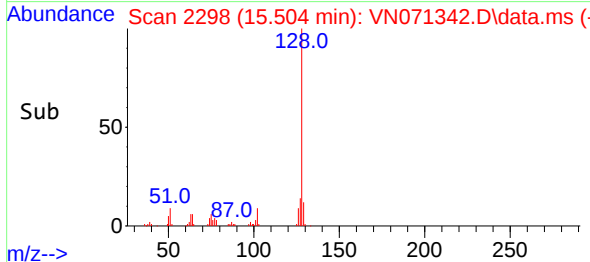
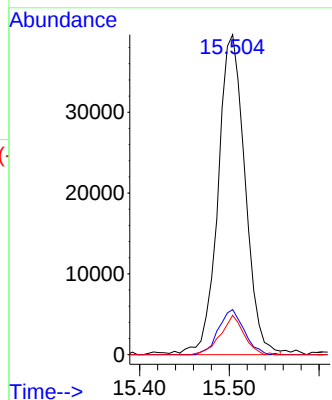
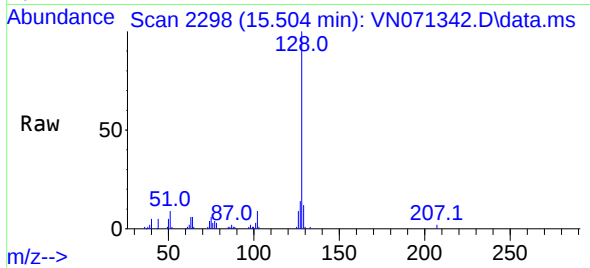




#91
Naphthalene
Concen: 4.653 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:	128	Resp:	82533
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	10.6	9.0	13.6



#92
1,2,3-Trichlorobenzene
Concen: 4.217 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Tgt Ion:	180	Resp:	24506
Ion	Ratio	Lower	Upper
180	100		
182	92.3	0.0	190.0
145	29.7	0.0	67.8

