

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080822\
 Data File : VN073770.D
 Acq On : 08 Aug 2022 15:11
 Operator : JC\MD
 Sample : N4024-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MANHOLE

Quant Time: Aug 09 00:27:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 18:07:26 2022
 Response via : Initial Calibration

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

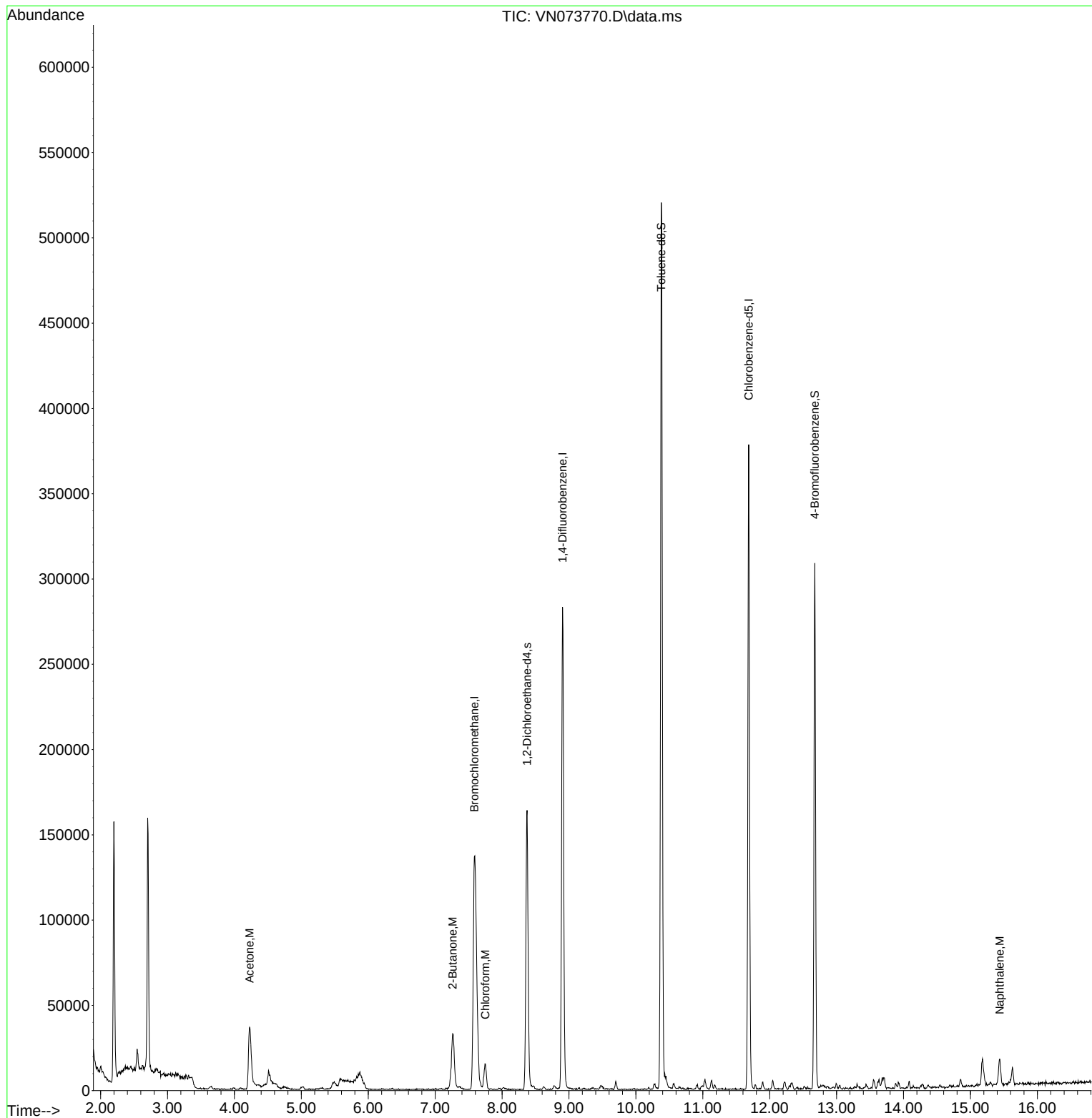
Internal Standards						
1) Bromochloromethane	7.586	128	52313	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	262070	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	227700	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.375	65	133374	29.487	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.300%
60) 4-Bromofluorobenzene	12.674	95	101041	25.061	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	83.533%
63) Toluene-d8	10.380	98	375922	29.320	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.733%
Target Compounds						
					Qvalue	
15) Acetone	4.228	58	22942	32.124	ug/l	74
25) Chloroform	7.751	83	15490	2.140	ug/l	87
30) 2-Butanone	7.263	43	50718	14.983	ug/l	99
91) Naphthalene	15.439	128	18016	1.320	ug/l	98

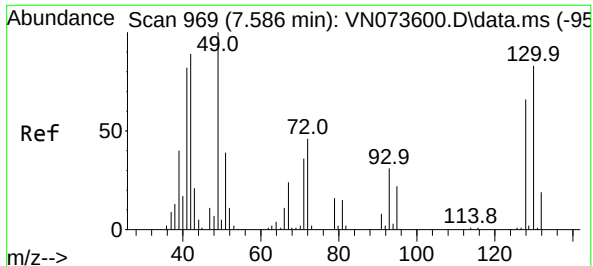
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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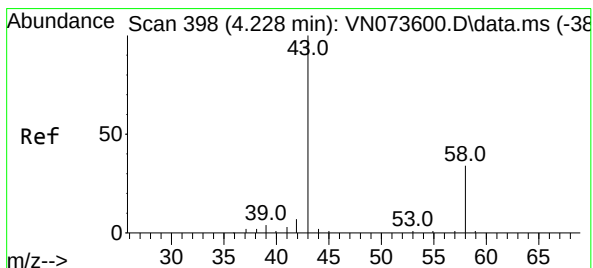
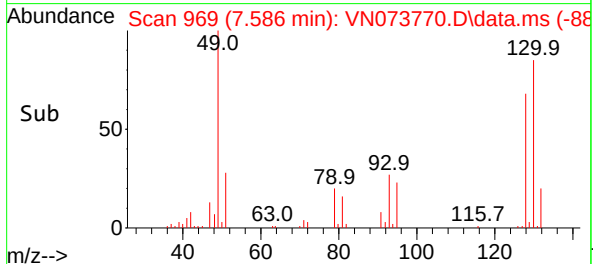
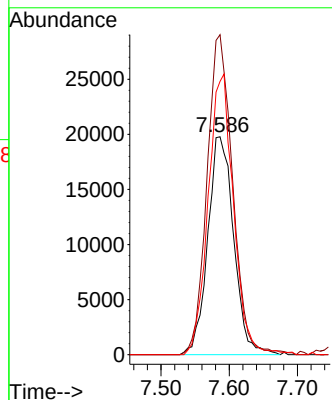
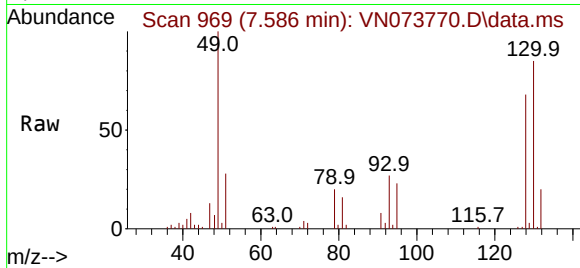




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.586 min Scan# 969
Delta R.T. 0.000 min
Lab File: VN073770.D
Acq: 08 Aug 2022 15:11

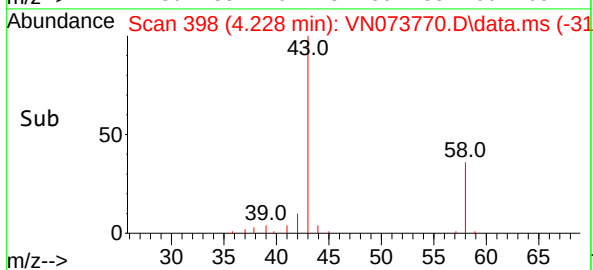
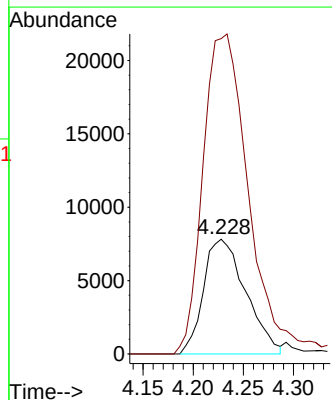
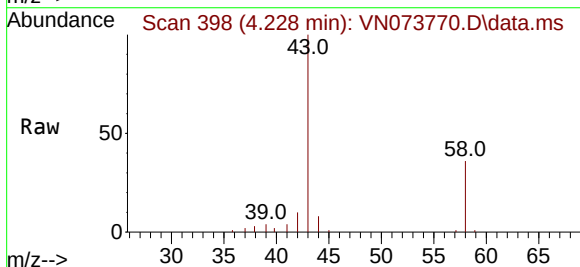
Instrument :
MSVOA_N
ClientSampleId :
MANHOLE

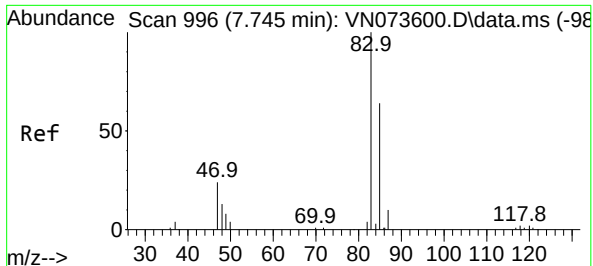
Tgt Ion:128 Resp: 52313
Ion Ratio Lower Upper
128 100
49 144.0 0.0 392.3
130 125.6 0.0 320.2



#15
Acetone
Concen: 32.124 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.000 min
Lab File: VN073770.D
Acq: 08 Aug 2022 15:11

Tgt Ion: 58 Resp: 22942
Ion Ratio Lower Upper
58 100
43 268.2 256.6 384.8

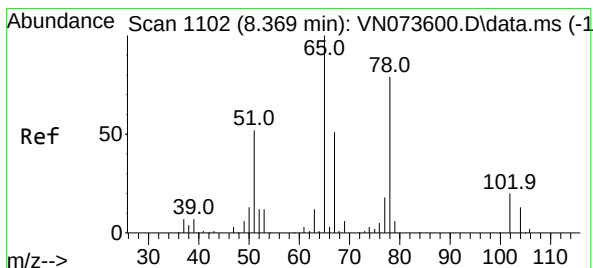
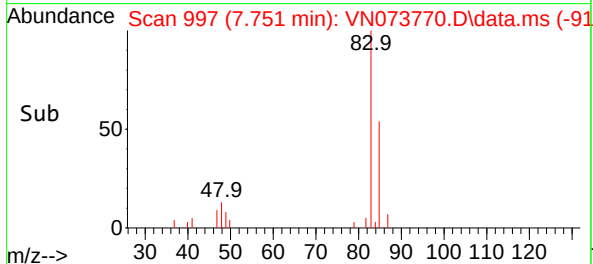
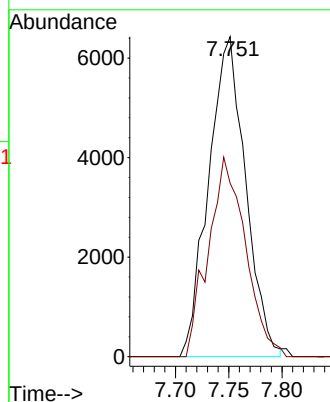
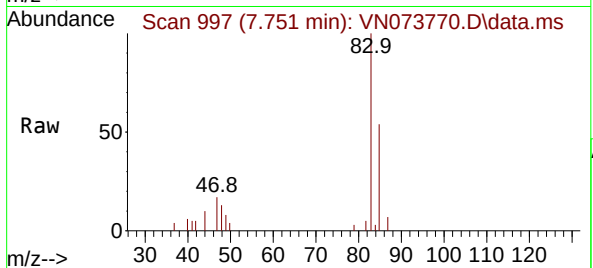




#25
Chloroform
Concen: 2.140 ug/l
RT: 7.751 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN073770.D
Acq: 08 Aug 2022 15:11

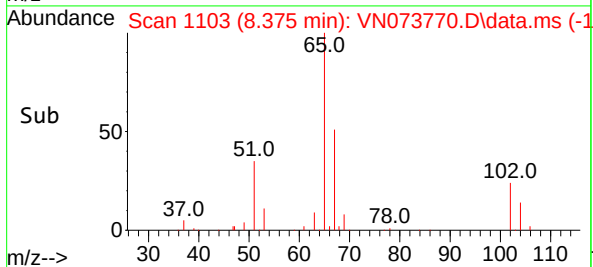
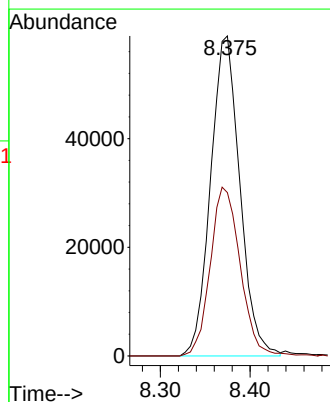
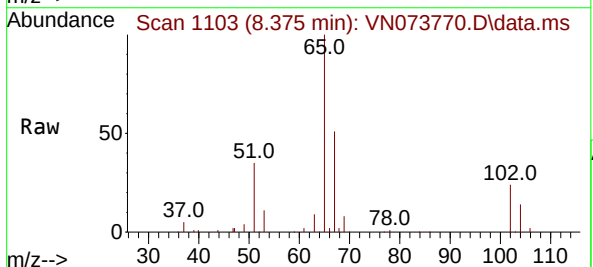
Instrument :
MSVOA_N
ClientSampleId :
MANHOLE

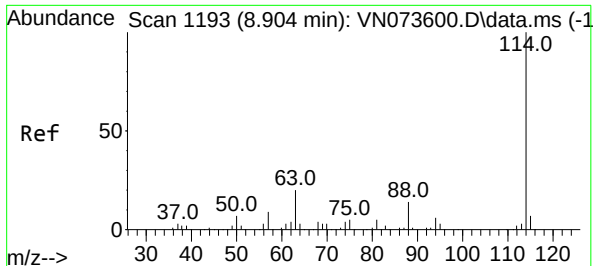
Tgt Ion: 83 Resp: 15490
Ion Ratio Lower Upper
83 100
85 54.2 51.3 76.9



#27
1,2-Dichloroethane-d4
Concen: 29.487 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073770.D
Acq: 08 Aug 2022 15:11

Tgt Ion: 65 Resp: 133374
Ion Ratio Lower Upper
65 100
67 53.9 40.2 60.2

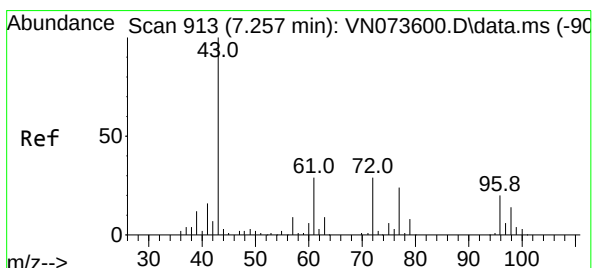
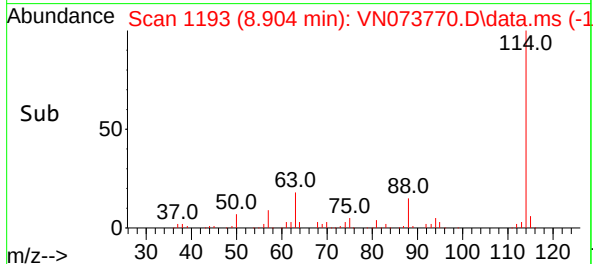
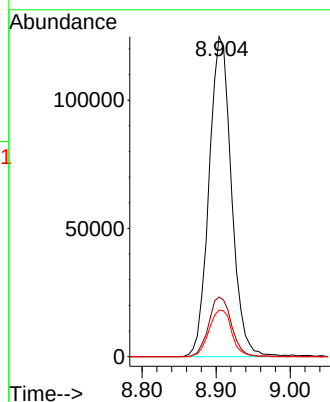
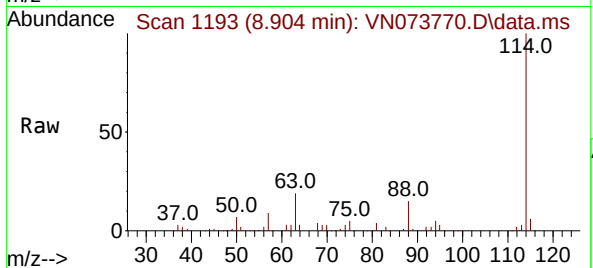




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.904 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VN073770.D
 Acq: 08 Aug 2022 15:11

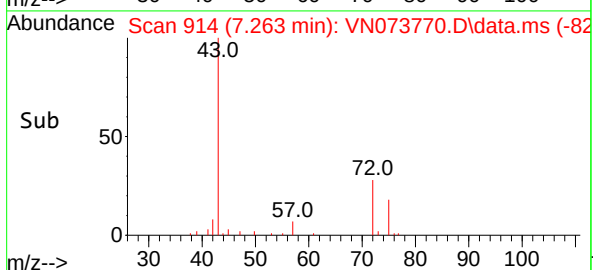
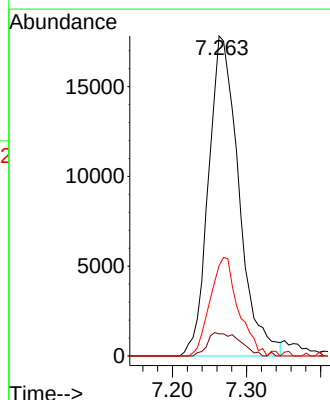
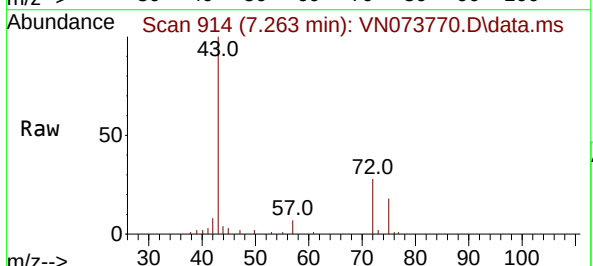
Instrument :
 MSVOA_N
 ClientSampleId :
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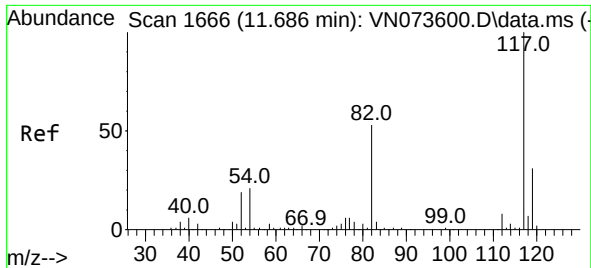
Tgt Ion:114 Resp: 262070
 Ion Ratio Lower Upper
 114 100
 63 18.9 15.8 23.6
 88 14.8 11.6 17.4



#30
 2-Butanone
 Concen: 14.983 ug/l
 RT: 7.263 min Scan# 914
 Delta R.T. 0.006 min
 Lab File: VN073770.D
 Acq: 08 Aug 2022 15:11

Tgt Ion: 43 Resp: 50718
 Ion Ratio Lower Upper
 43 100
 57 7.8 6.7 10.1
 72 28.6 23.2 34.8

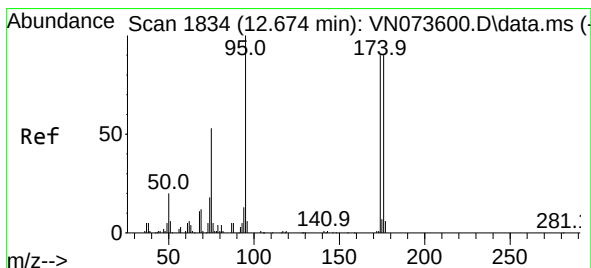
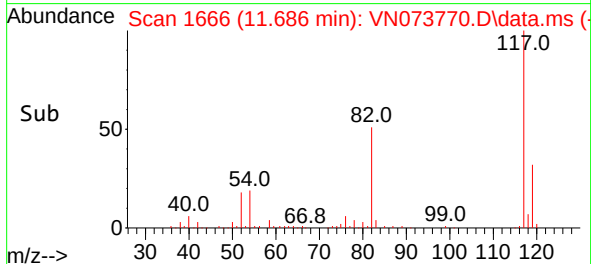
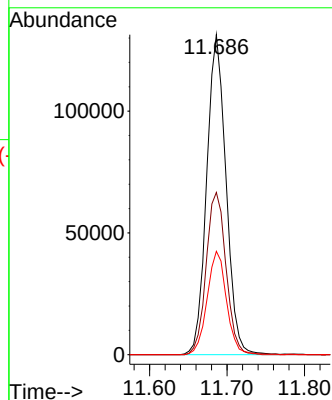
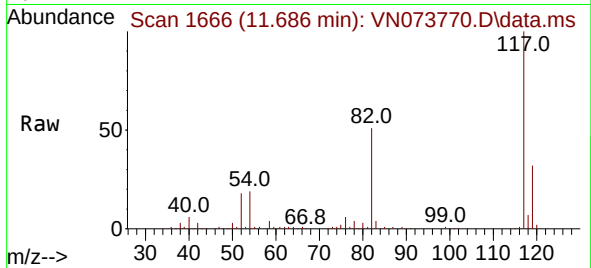




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073770.D
Acq: 08 Aug 2022 15:11

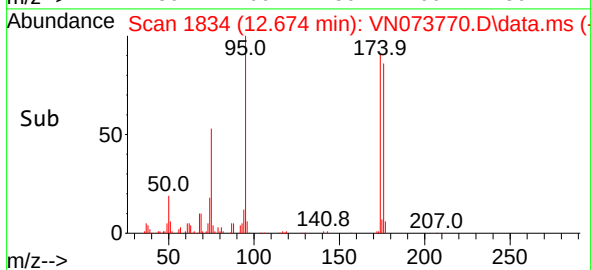
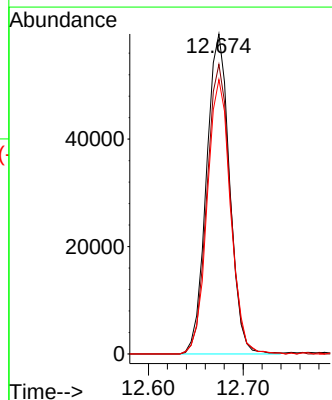
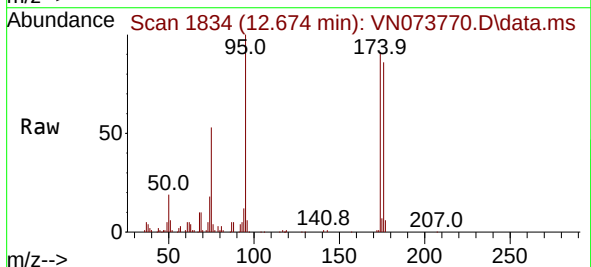
Instrument :
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MANHOLE

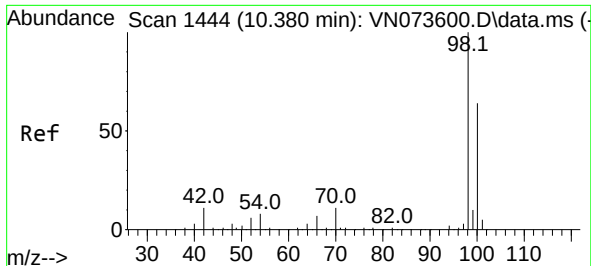
Tgt Ion:117 Resp: 227700
Ion Ratio Lower Upper
117 100
82 51.9 43.6 65.4
119 32.4 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 25.061 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073770.D
Acq: 08 Aug 2022 15:11

Tgt Ion: 95 Resp: 101041
Ion Ratio Lower Upper
95 100
174 91.3 62.9 94.3
176 86.5 61.0 91.4

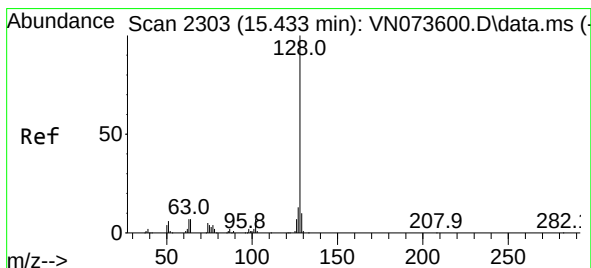
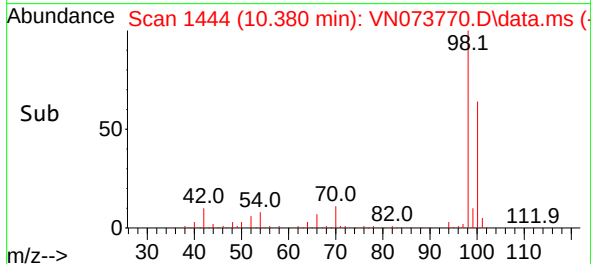
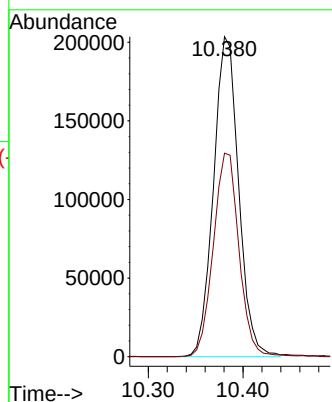
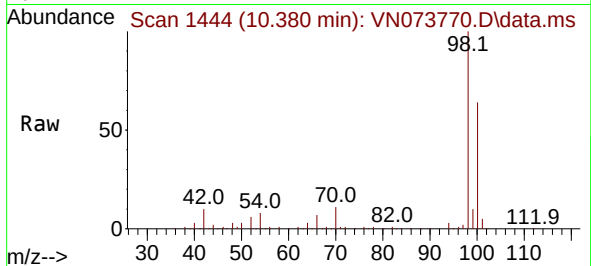




#63
Toluene-d8
Concen: 29.320 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073770.D
Acq: 08 Aug 2022 15:11

Instrument :
MSVOA_N
ClientSampleId :
MANHOLE

Tgt Ion: 98 Resp: 375922
Ion Ratio Lower Upper
98 100
100 64.8 50.6 76.0



#91
Naphthalene
Concen: 1.320 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN073770.D
Acq: 08 Aug 2022 15:11

Tgt Ion: 128 Resp: 18016
Ion Ratio Lower Upper
128 100
127 12.0 10.7 16.1
129 11.2 9.0 13.6

