

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082322\
 Data File : VN074067.D
 Acq On : 23 Aug 2022 14:47
 Operator : JC\MD
 Sample : N4276-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DSN-002-SEWER-OUTLET-002

Quant Time: Aug 24 01:21:10 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)

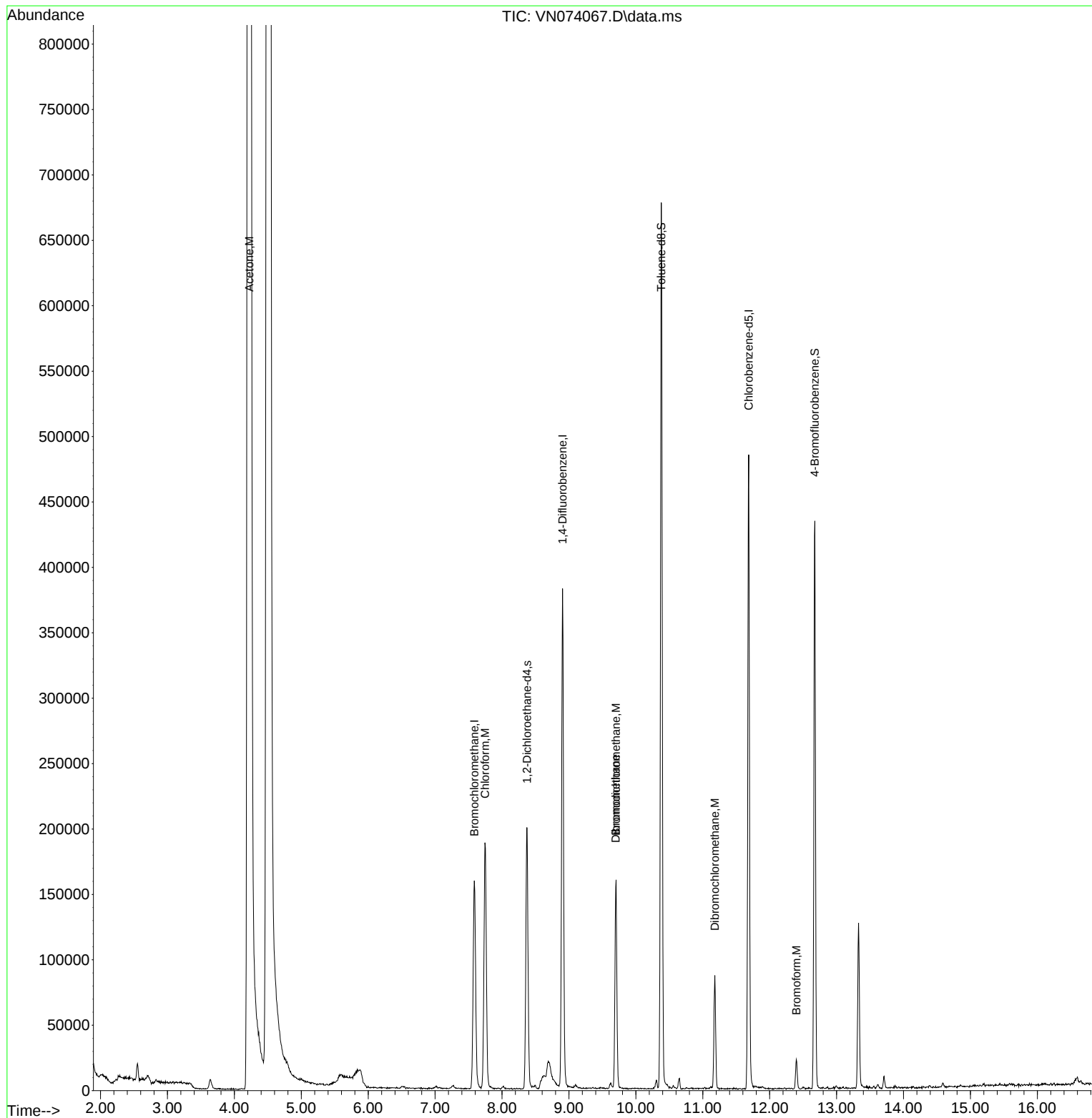
Internal Standards						
1) Bromochloromethane	7.587	128	66707	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	349414	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	303095	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.375	65	165156	28.635	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.467%
60) 4-Bromofluorobenzene	12.674	95	147014	27.394	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.300%
63) Toluene-d8	10.381	98	489800	28.699	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.667%
Target Compounds						
					Qvalue	
15) Acetone	4.222	58	2688204	2951.890	ug/l	83
25) Chloroform	7.745	83	196669	21.308	ug/l	96
40) Dibromomethane	9.698	93	3456	0.956	ug/l #	8
41) Bromodichloromethane	9.704	83	113952	16.096	ug/l	96
53) Dibromochloromethane	11.180	129	47620	8.660	ug/l	99
56) Bromoform	12.398	173	10687	2.473	ug/l #	97

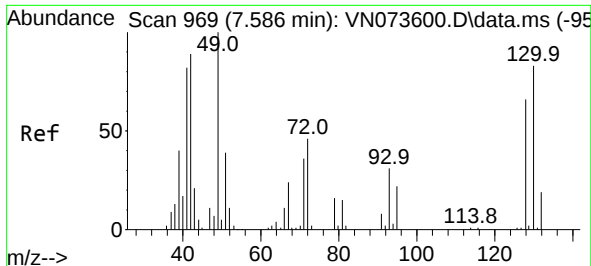
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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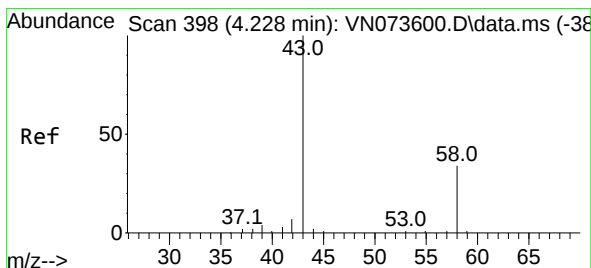
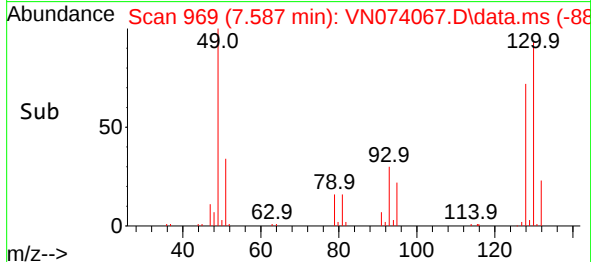
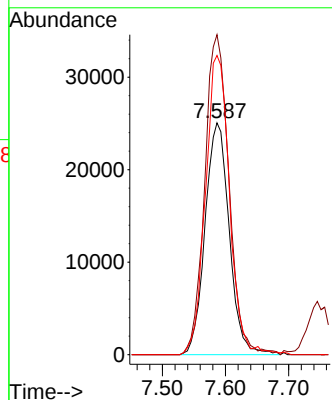
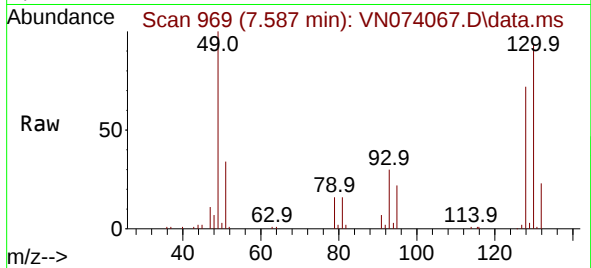




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.587 min Scan# 90
Delta R.T. 0.001 min
Lab File: VN074067.D
Acq: 23 Aug 2022 14:47

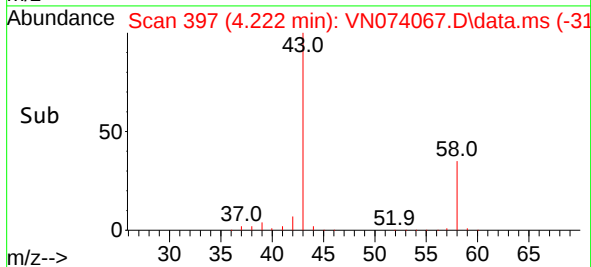
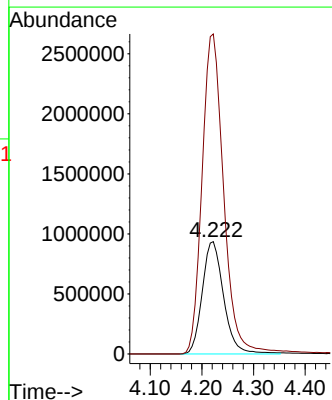
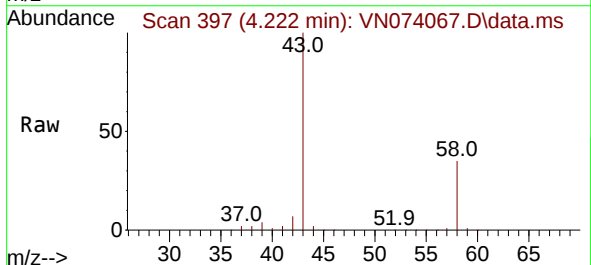
Instrument :
MSVOA_N
ClientSampleId :
DSN-002-SEWER-OUTLET-002

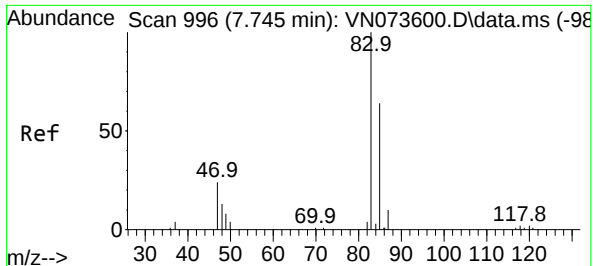
Tgt Ion:128 Resp: 66707
Ion Ratio Lower Upper
128 100
49 137.2 0.0 392.3
130 126.4 0.0 320.2



#15
Acetone
Concen: 2951.890 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN074067.D
Acq: 23 Aug 2022 14:47

Tgt Ion: 58 Resp: 2688204
Ion Ratio Lower Upper
58 100
43 284.9 256.6 384.8

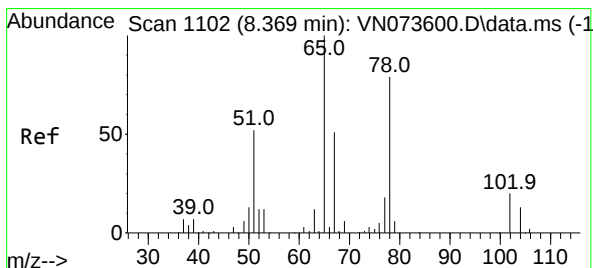
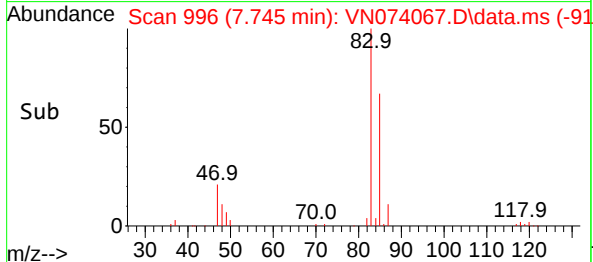
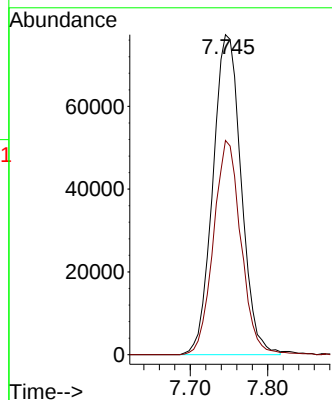
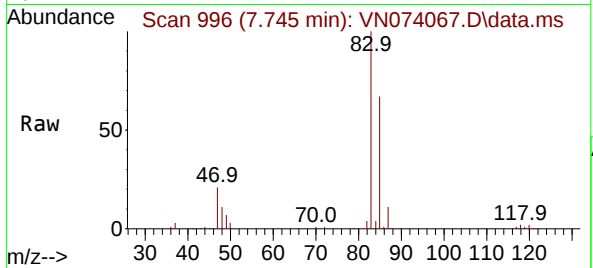




#25
Chloroform
Concen: 21.308 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN074067.D
Acq: 23 Aug 2022 14:47

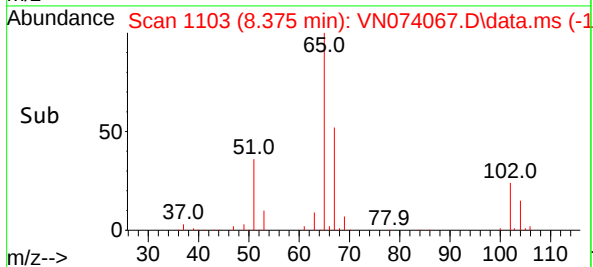
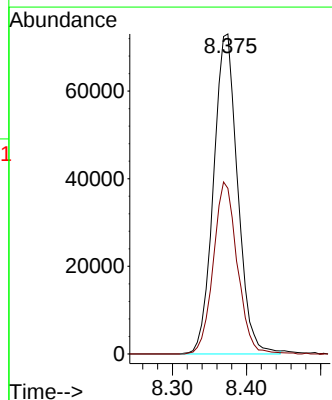
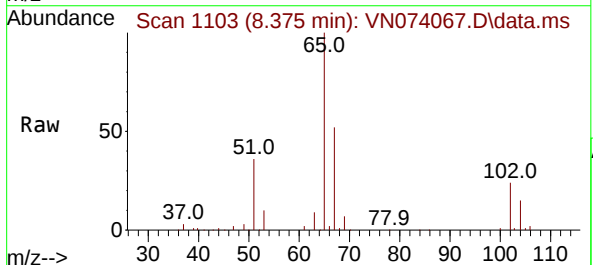
Instrument :
MSVOA_N
ClientSampleId :
DSN-002-SEWER-OUTLET-002

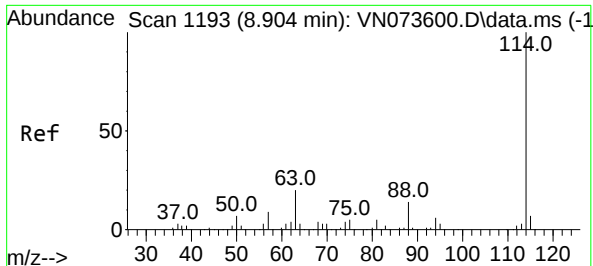
Tgt Ion: 83 Resp: 196669
Ion Ratio Lower Upper
83 100
85 67.0 51.3 76.9



#27
1,2-Dichloroethane-d4
Concen: 28.635 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074067.D
Acq: 23 Aug 2022 14:47

Tgt Ion: 65 Resp: 165156
Ion Ratio Lower Upper
65 100
67 53.5 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: VN074067.D

Acq: 23 Aug 2022 14:47

Instrument :

MSVOA_N

ClientSampleId :

DSN-002-SEWER-OUTLET-002

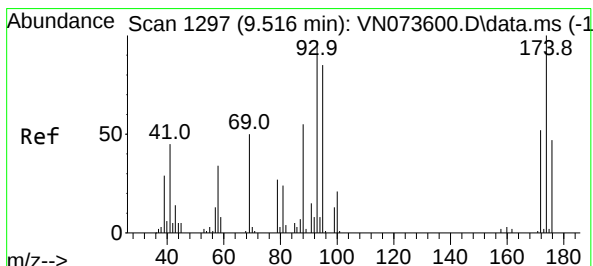
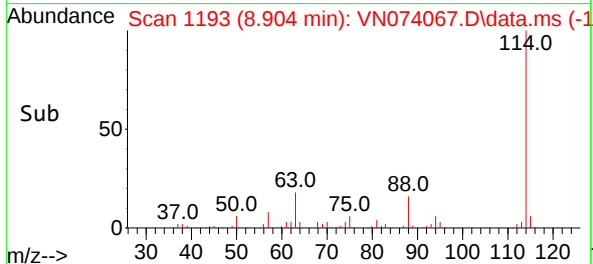
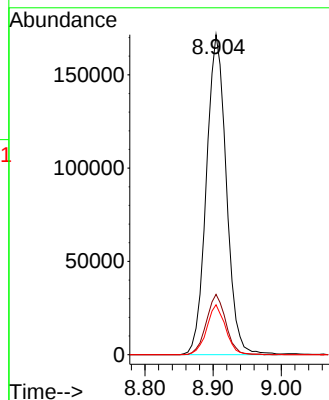
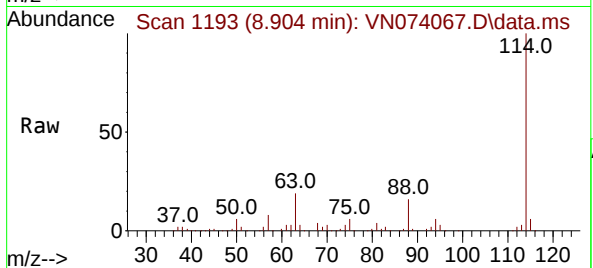
Tgt Ion:114 Resp: 349414

Ion Ratio Lower Upper

114 100

63 18.3 15.8 23.6

88 14.7 11.6 17.4



#40

Dibromomethane

Concen: 0.956 ug/l

RT: 9.698 min Scan# 1328

Delta R.T. 0.182 min

Lab File: VN074067.D

Acq: 23 Aug 2022 14:47

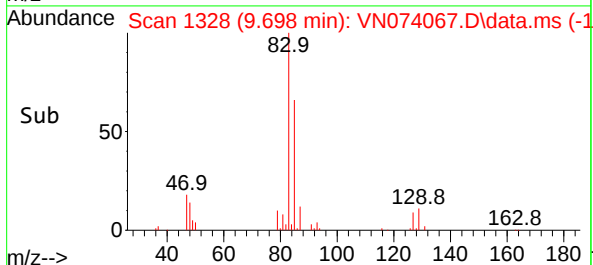
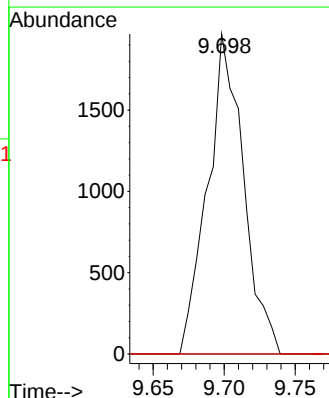
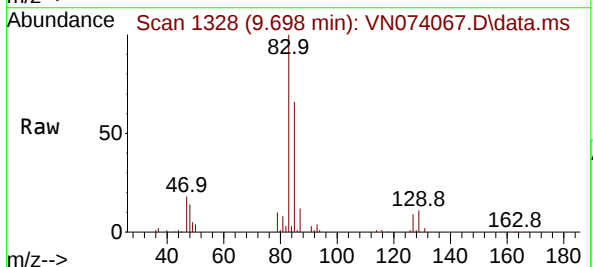
Tgt Ion: 93 Resp: 3456

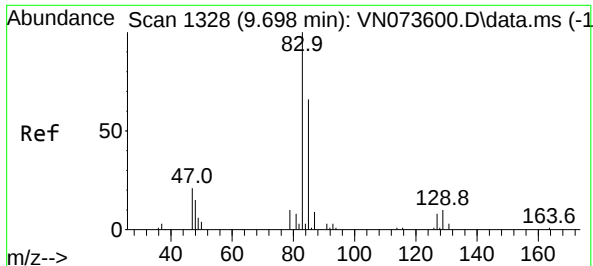
Ion Ratio Lower Upper

93 100

95 0.0 0.0 168.8

174 2.3 0.0 173.6

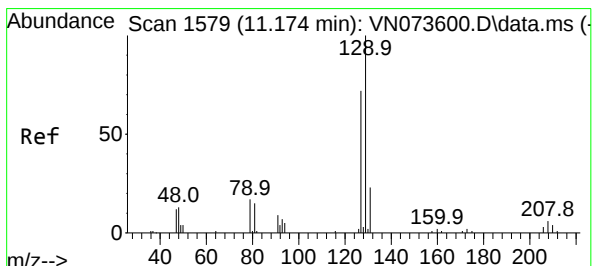
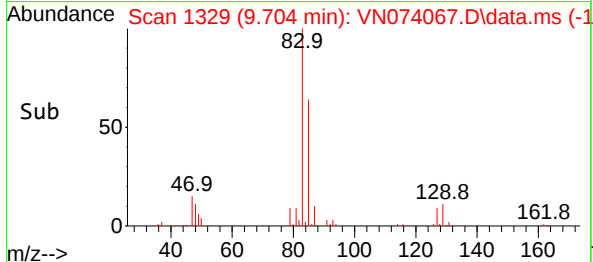
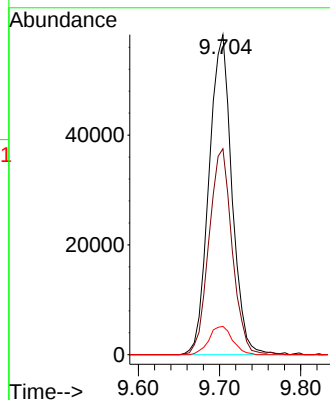
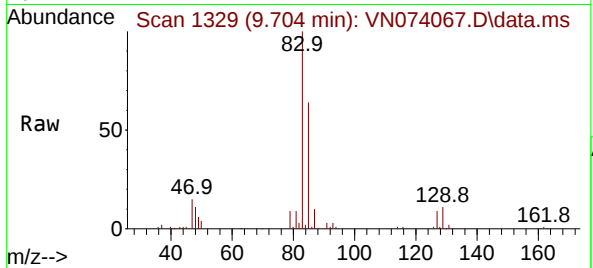




#41
Bromodichloromethane
Concen: 16.096 ug/l
RT: 9.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074067.D
Acq: 23 Aug 2022 14:47

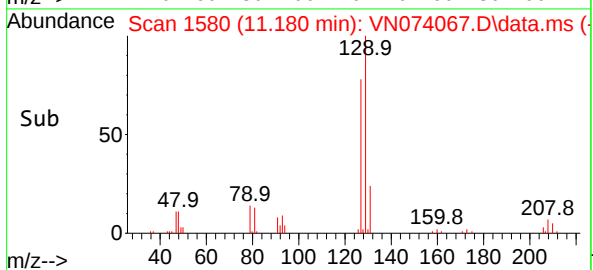
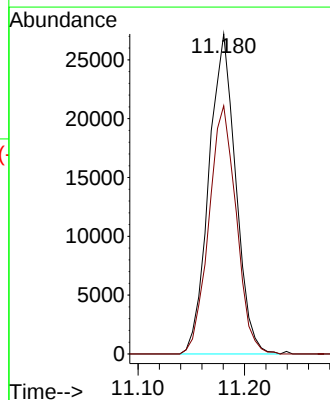
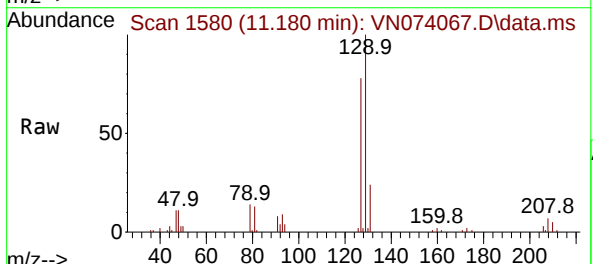
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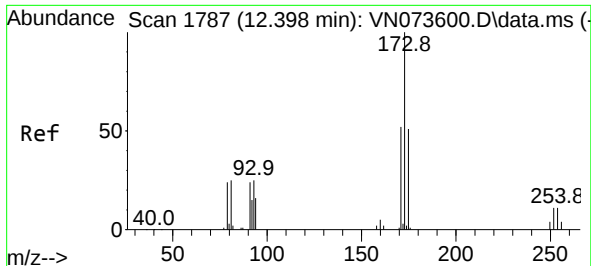
Tgt Ion: 83 Resp: 113952
Ion Ratio Lower Upper
83 100
85 64.4 54.1 81.1
127 8.8 7.6 11.4



#53
Dibromochloromethane
Concen: 8.660 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.006 min
Lab File: VN074067.D
Acq: 23 Aug 2022 14:47

Tgt Ion: 129 Resp: 47620
Ion Ratio Lower Upper
129 100
127 79.0 39.0 117.0

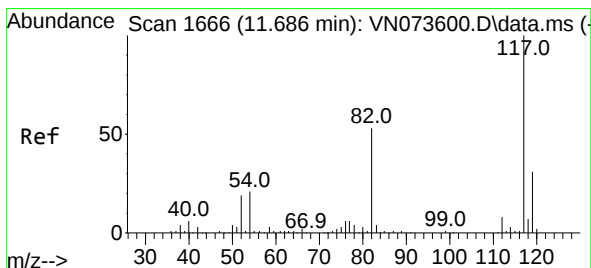
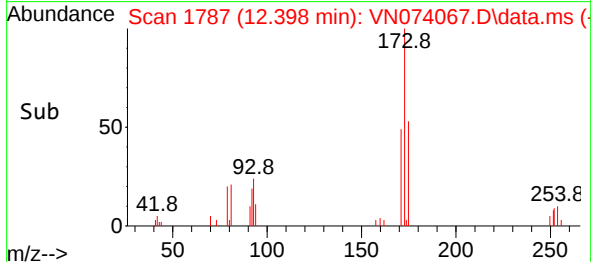
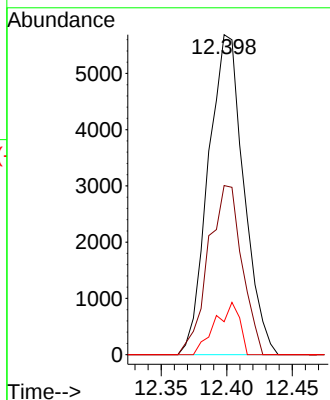
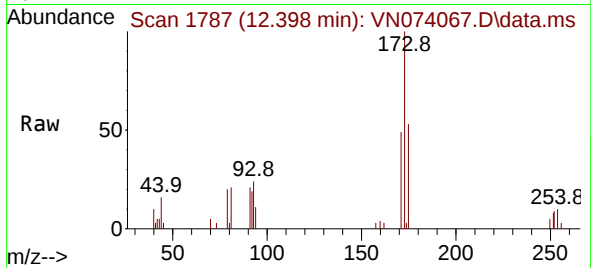




#56
Bromoform
Concen: 2.473 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN074067.D
Acq: 23 Aug 2022 14:47

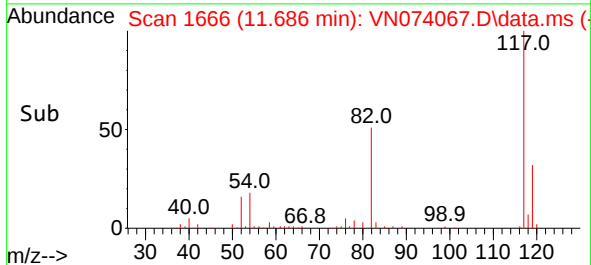
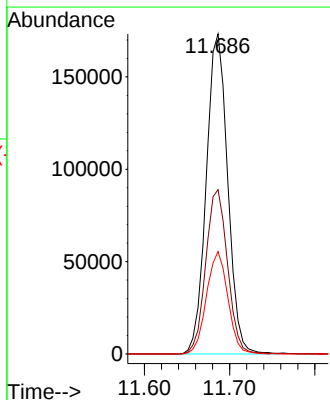
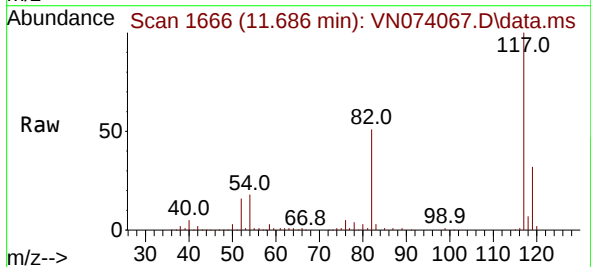
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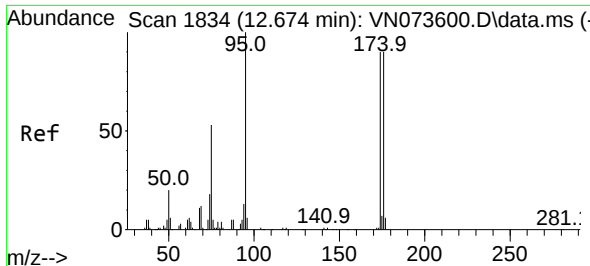
Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.3	38.6	58.0
254	11.3	0.0	0.0



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074067.D
Acq: 23 Aug 2022 14:47

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.2	43.6	65.4
119	31.9	25.8	38.6

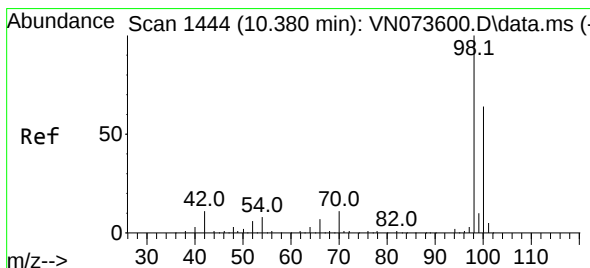
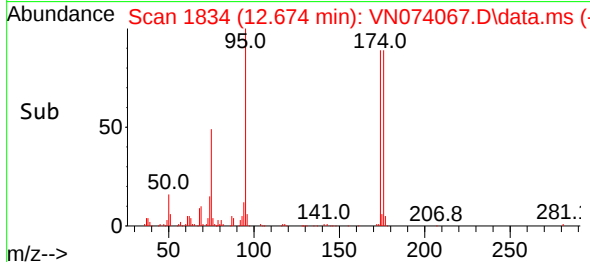
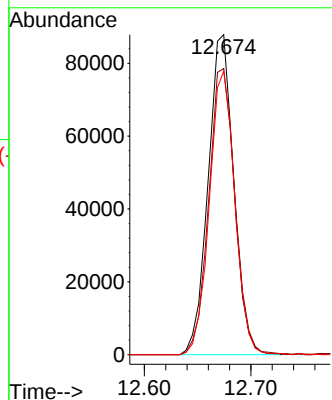
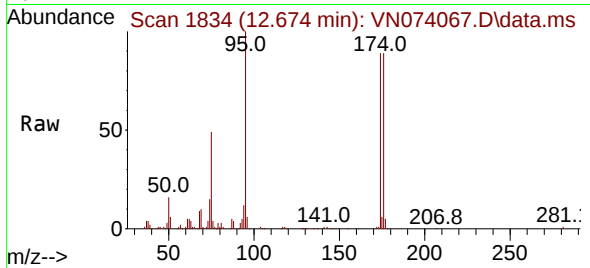




#60
4-Bromofluorobenzene
Concen: 27.394 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074067.D
Acq: 23 Aug 2022 14:47

Instrument :
MSVOA_N
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Tgt Ion: 95 Resp: 147014
Ion Ratio Lower Upper
95 100
174 91.3 62.9 94.3
176 87.4 61.0 91.4



#63
Toluene-d8
Concen: 28.699 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074067.D
Acq: 23 Aug 2022 14:47

Tgt Ion: 98 Resp: 489800
Ion Ratio Lower Upper
98 100
100 65.2 50.6 76.0

