

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052622\
 Data File : VN072642.D
 Acq On : 26 May 2022 21:06
 Operator : JC\MD
 Sample : N3029-02DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: May 27 05:35:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 27 05:07:24 2022
 Response via : Initial Calibration

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

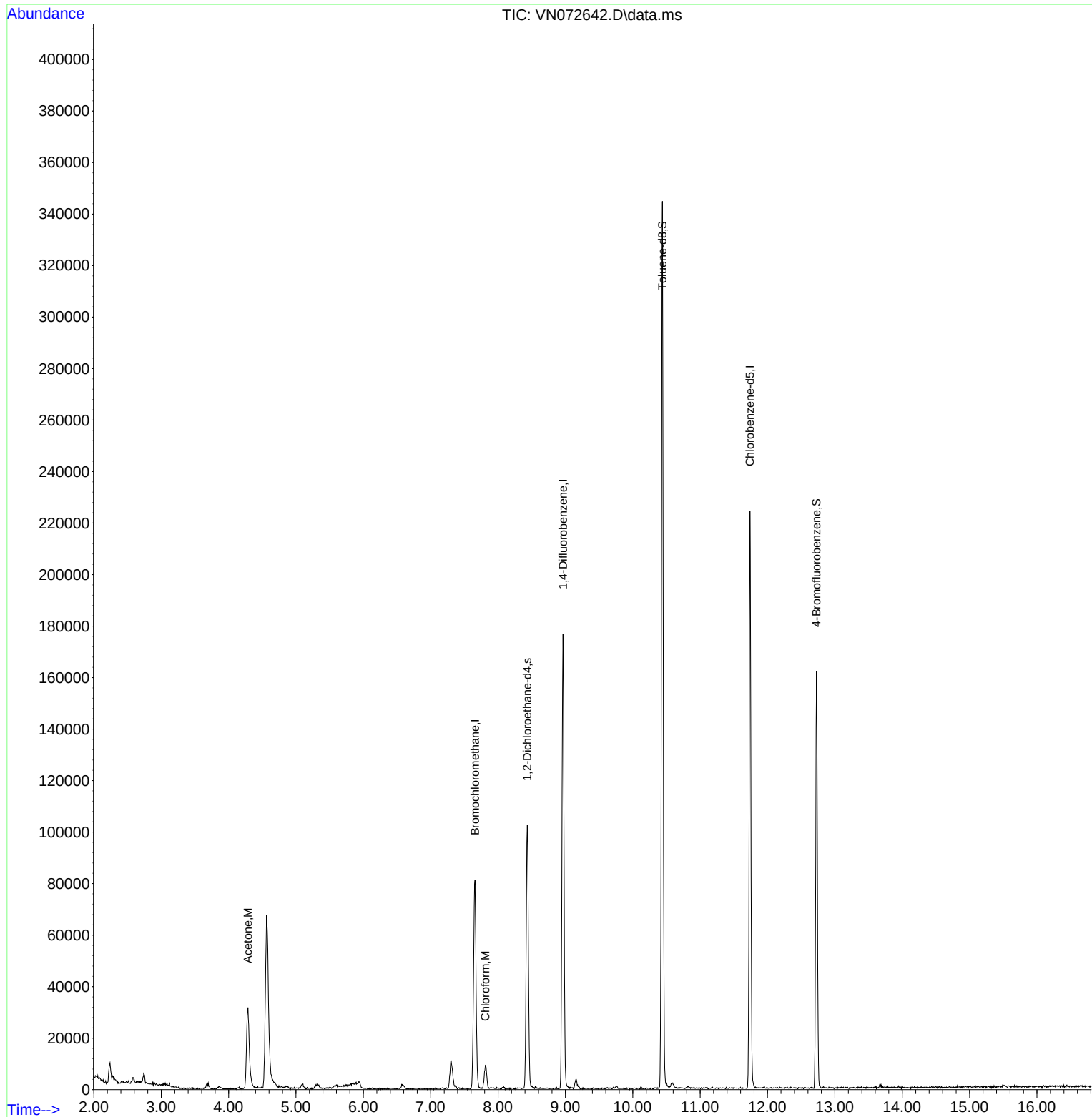
Internal Standards						
1) Bromochloromethane	7.657	128	29851	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	156828	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	132323	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	83600	29.268	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.567%
60) 4-Bromofluorobenzene	12.727	95	58271	25.075	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	83.600%
63) Toluene-d8	10.439	98	233119	30.984	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.267%
Target Compounds						
					Qvalue	
15) Acetone	4.287	58	19304	49.346	ug/l	86
25) Chloroform	7.810	83	8021	1.811	ug/l	90

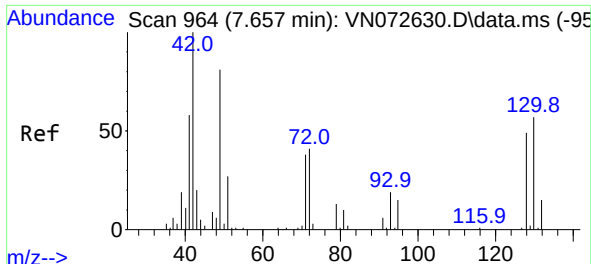
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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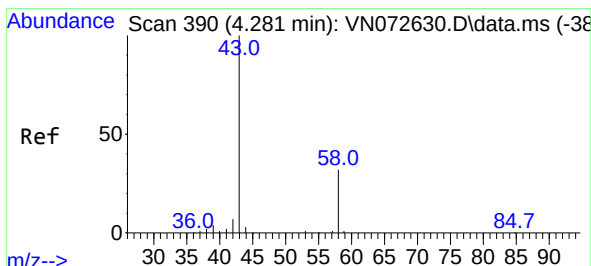
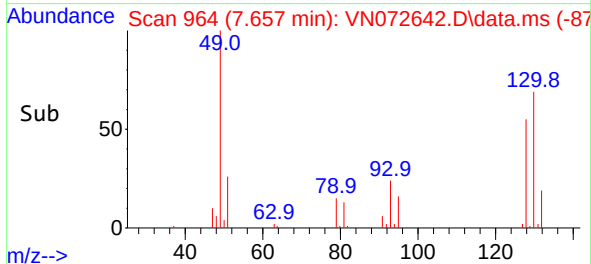
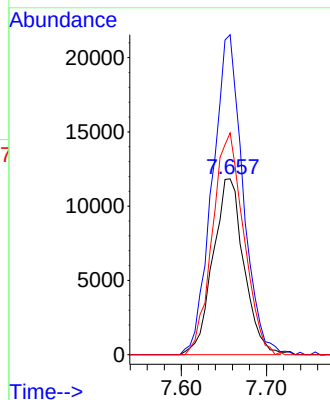
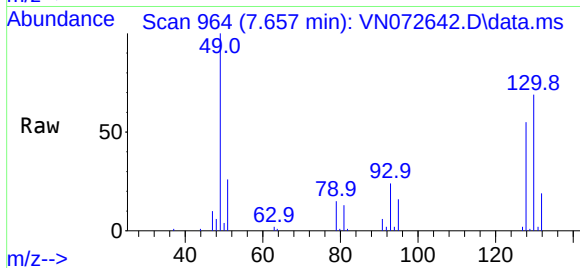




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072642.D
Acq: 26 May 2022 21:06

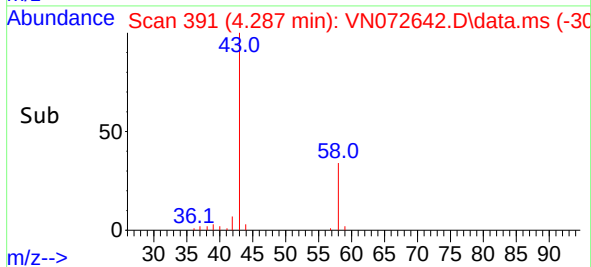
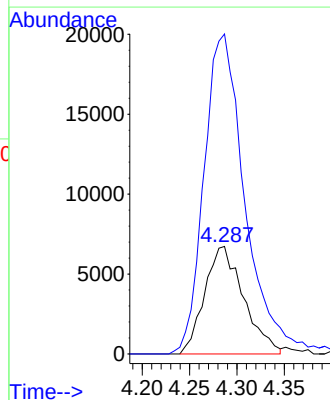
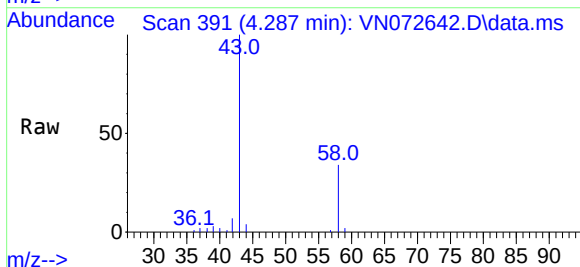
Instrument :
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ClientSampleId :
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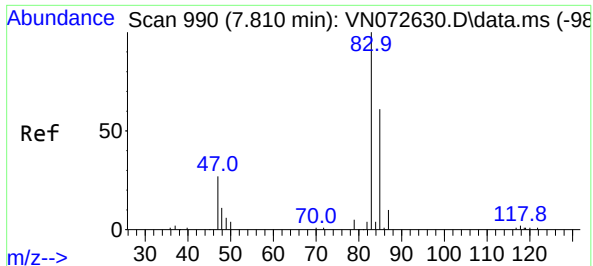
Tgt Ion:128 Resp: 29851
Ion Ratio Lower Upper
128 100
49 179.4 0.0 392.3
130 127.5 0.0 320.2



#15
Acetone
Concen: 49.346 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072642.D
Acq: 26 May 2022 21:06

Tgt Ion: 58 Resp: 19304
Ion Ratio Lower Upper
58 100
43 291.5 256.6 384.8

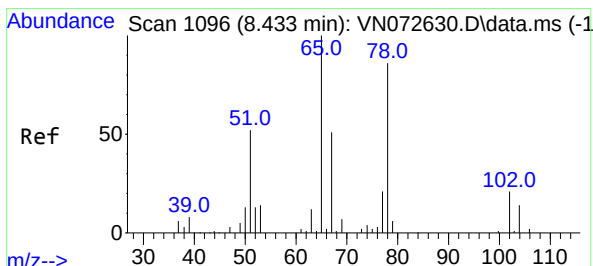
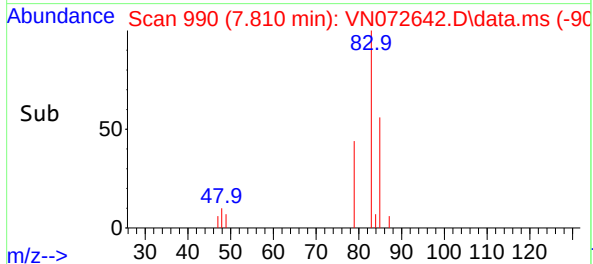
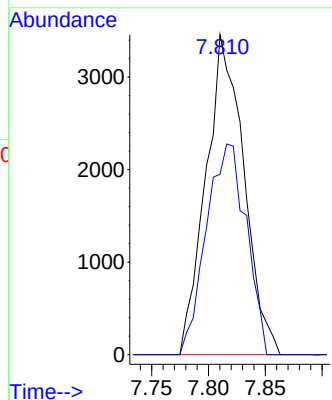
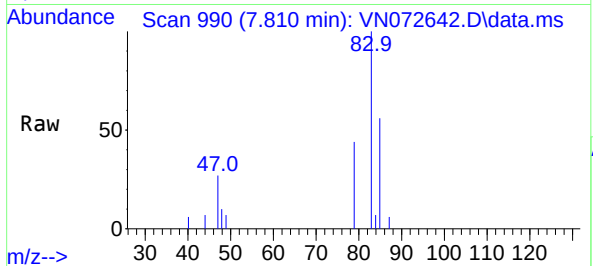




#25
Chloroform
Concen: 1.811 ug/l
RT: 7.810 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN072642.D
Acq: 26 May 2022 21:06

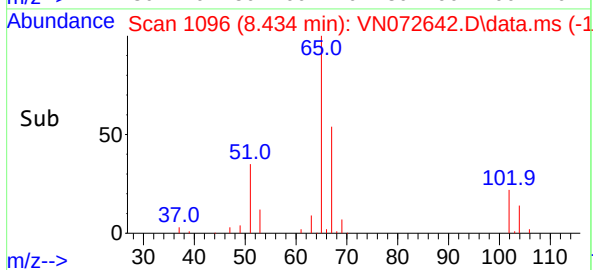
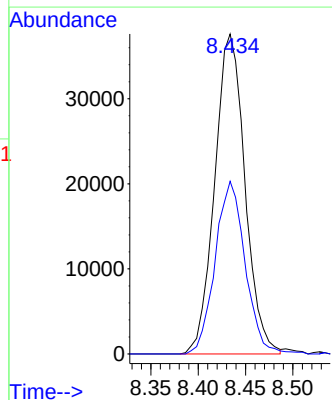
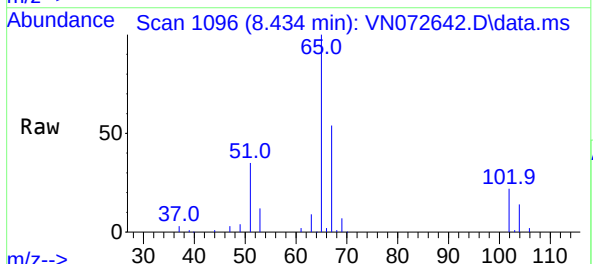
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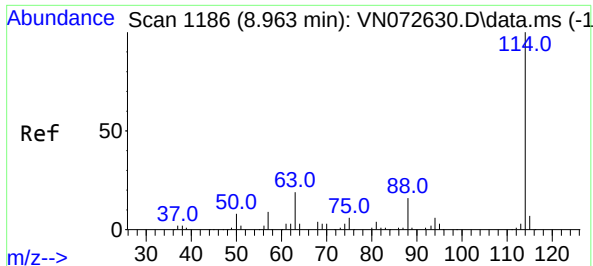
Tgt Ion: 83 Resp: 8021
Ion Ratio Lower Upper
83 100
85 56.4 51.3 76.9



#27
1,2-Dichloroethane-d4
Concen: 29.268 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072642.D
Acq: 26 May 2022 21:06

Tgt Ion: 65 Resp: 83600
Ion Ratio Lower Upper
65 100
67 53.6 40.2 60.2

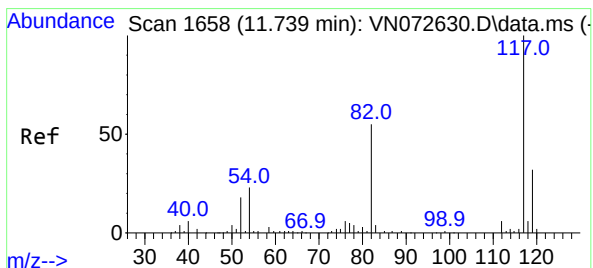
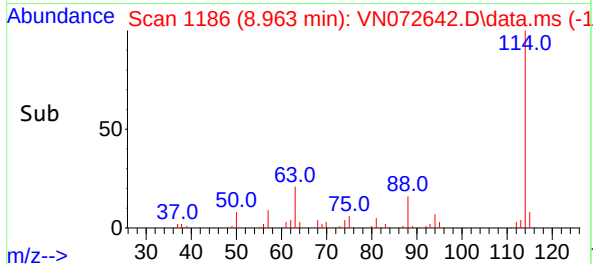
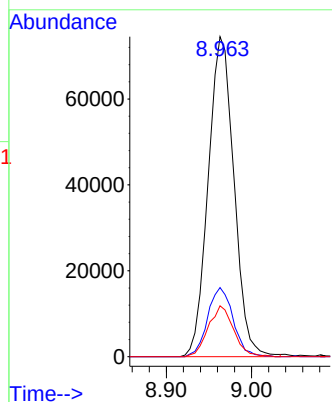
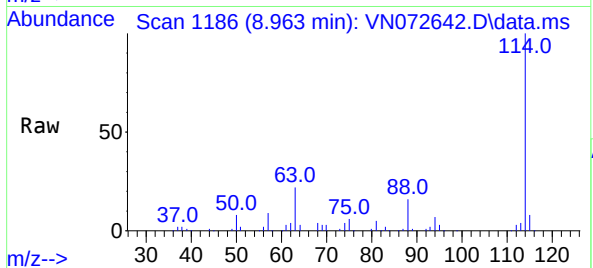




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072642.D
Acq: 26 May 2022 21:06

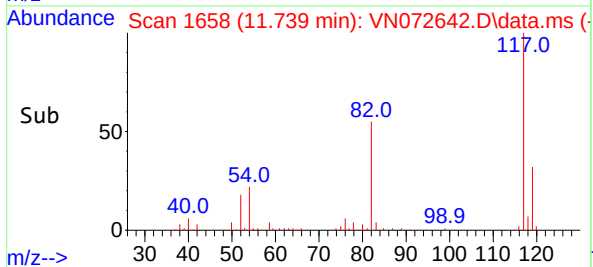
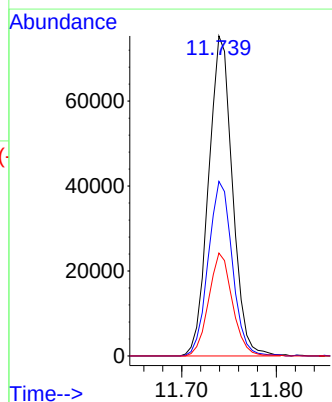
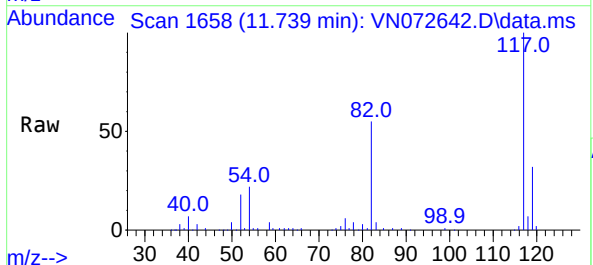
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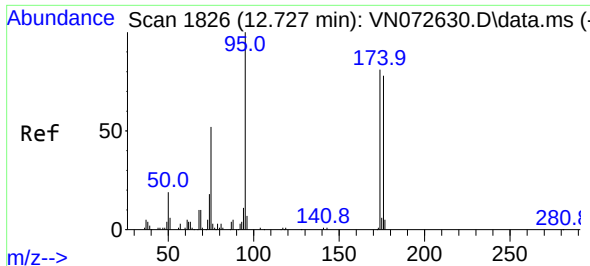
Tgt Ion:114 Resp: 156828
Ion Ratio Lower Upper
114 100
63 21.4 15.8 23.6
88 15.5 11.6 17.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072642.D
Acq: 26 May 2022 21:06

Tgt Ion:117 Resp: 132323
Ion Ratio Lower Upper
117 100
82 54.9 43.6 65.4
119 31.8 25.8 38.6

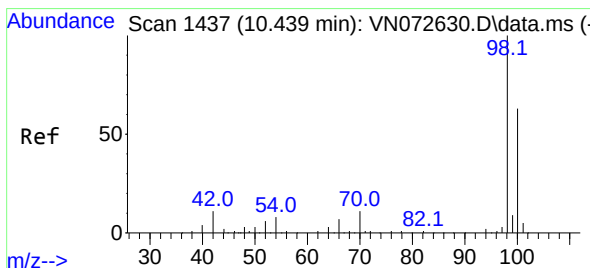
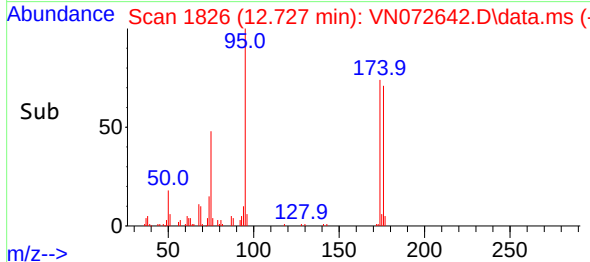
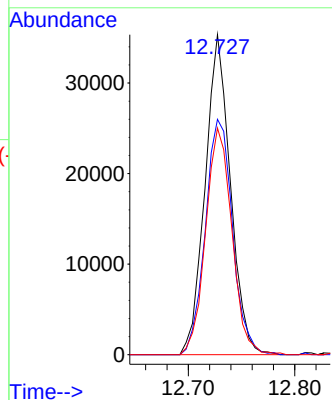
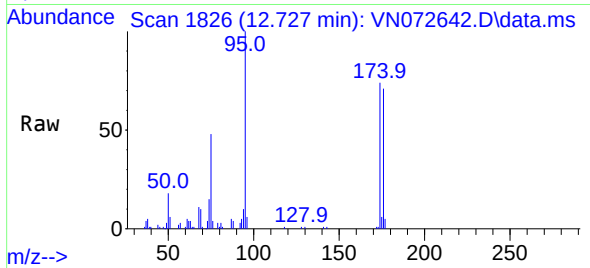




#60
4-Bromofluorobenzene
Concen: 25.075 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072642.D
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ClientSampleId : DSN-002-SEWER-OUTLET-002DL

Tgt Ion: 95 Resp: 58271
Ion Ratio Lower Upper
95 100
174 79.2 62.9 94.3
176 73.6 61.0 91.4



#63
Toluene-d8
Concen: 30.984 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072642.D
Acq: 26 May 2022 21:06

Tgt Ion: 98 Resp: 233119
Ion Ratio Lower Upper
98 100
100 65.3 50.6 76.0

