

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060622\
 Data File : VN072671.D
 Acq On : 06 Jun 2022 18:41
 Operator : JC\MD
 Sample : N3123-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-2

Quant Time: Jun 07 06:29:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 14:10:15 2022
 Response via : Initial Calibration

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

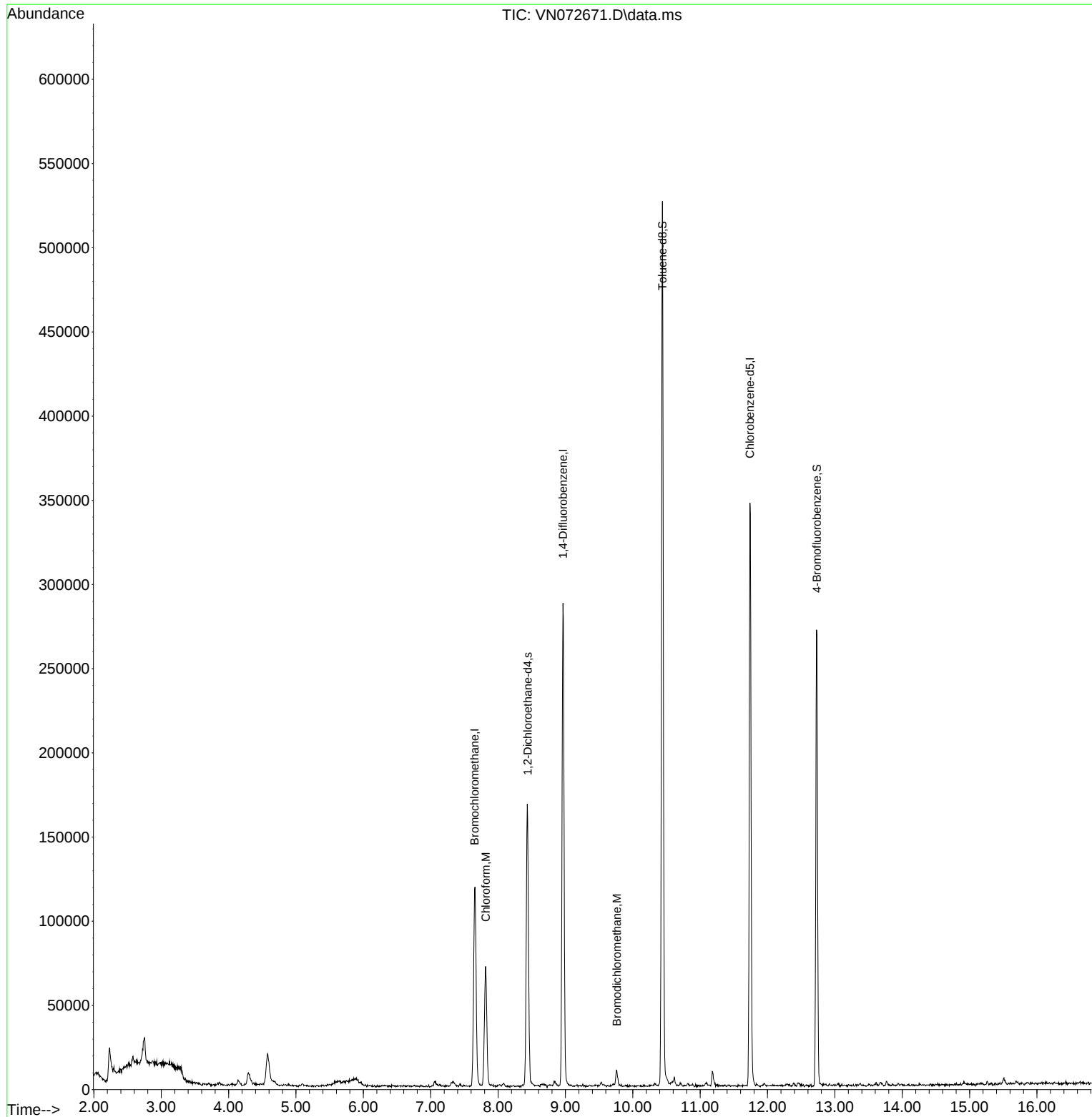
Internal Standards						
1) Bromochloromethane	7.651	128	40135	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	238143	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	193239	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.439	65	140364	30.665	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.233%
60) 4-Bromofluorobenzene	12.733	95	97362	24.497	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	81.667%
63) Toluene-d8	10.439	98	350528	32.746	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	109.167%
Target Compounds						
25) Chloroform	7.816	83	65658	10.141	ug/l	Qvalue 96
41) Bromodichloromethane	9.763	83	5950	1.098	ug/l	92

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

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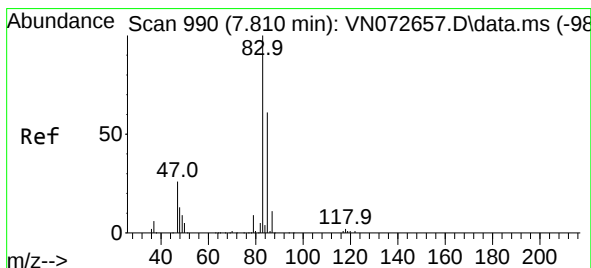
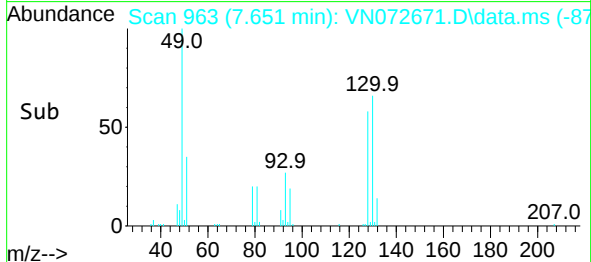
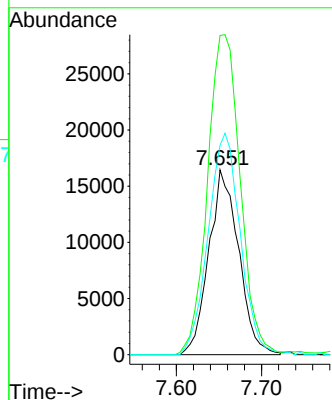
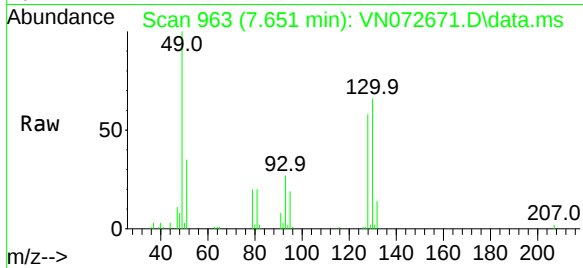




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072671.D
Acq: 06 Jun 2022 18:41

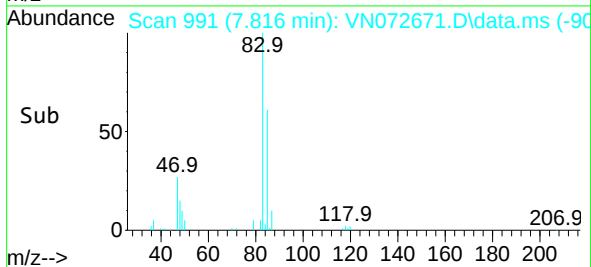
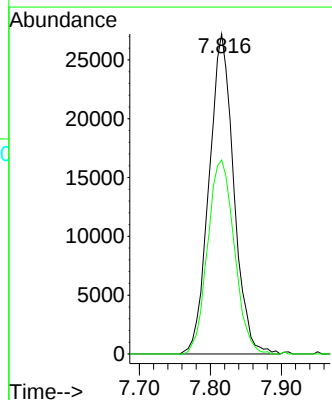
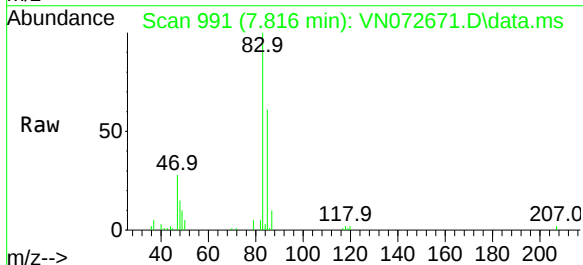
Instrument :
MSVOA_N
ClientSampleId :
14B-2

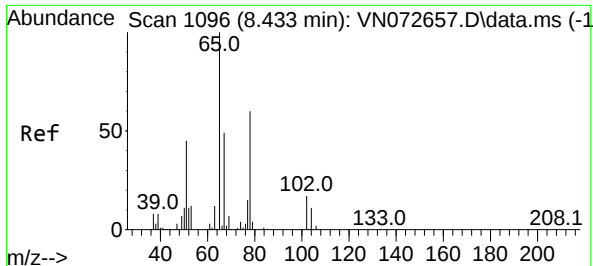
Tgt Ion	Ratio	Lower	Upper
128	100		
49	188.4	0.0	392.3
130	128.5	0.0	320.2



#25
Chloroform
Concen: 10.141 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN072671.D
Acq: 06 Jun 2022 18:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.6	51.3	76.9





#27

1,2-Dichloroethane-d4

Concen: 30.665 ug/l

RT: 8.439 min Scan# 1096

Delta R.T. 0.006 min

Lab File: VN072671.D

Acq: 06 Jun 2022 18:41

Instrument :

MSVOA_N

ClientSampleId :

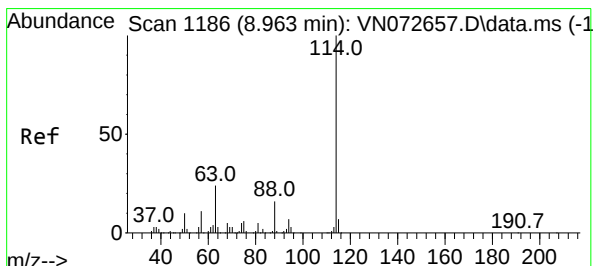
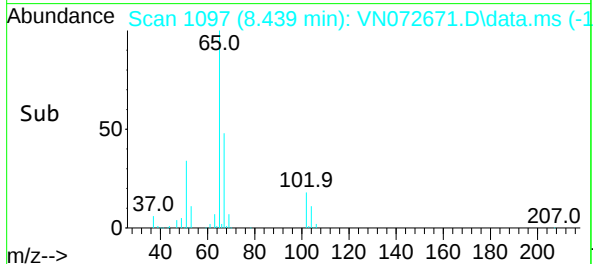
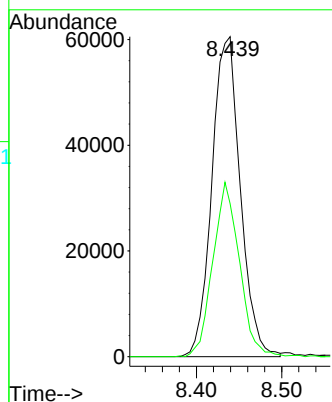
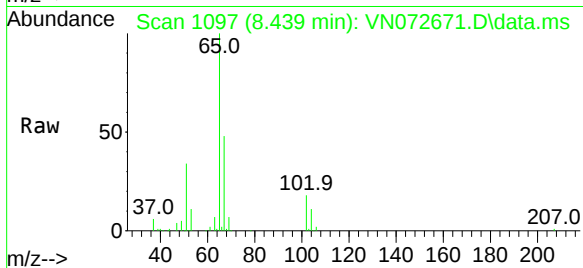
14B-2

Tgt Ion: 65 Resp: 140364

Ion Ratio Lower Upper

65 100

67 50.8 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: VN072671.D

Acq: 06 Jun 2022 18:41

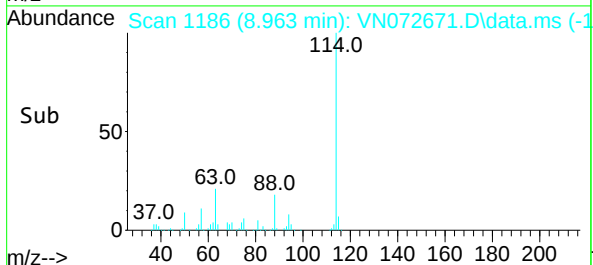
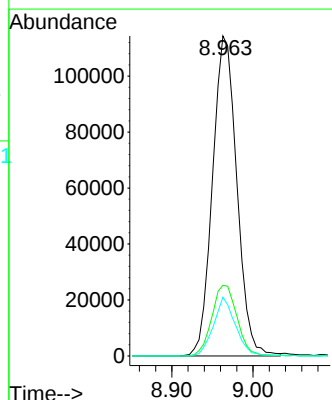
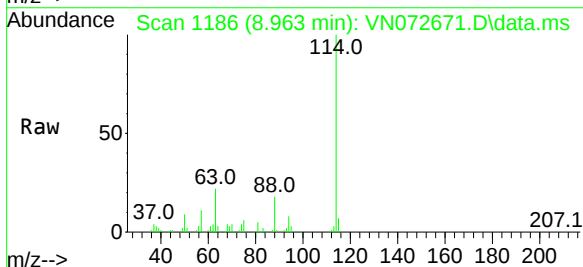
Tgt Ion: 114 Resp: 238143

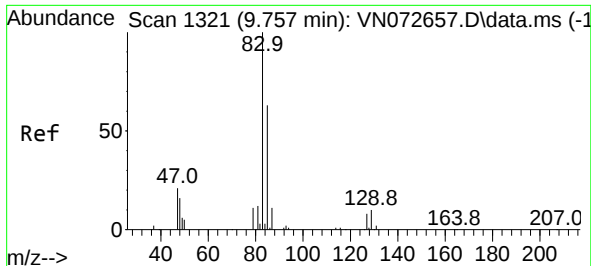
Ion Ratio Lower Upper

114 100

63 22.8 15.8 23.6

88 16.5 11.6 17.4

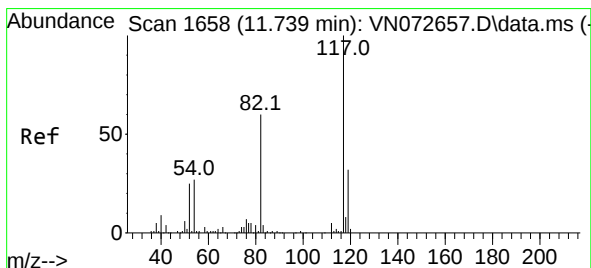
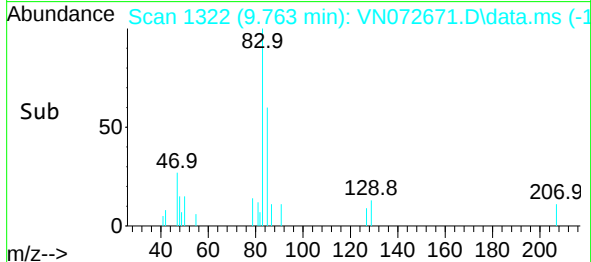
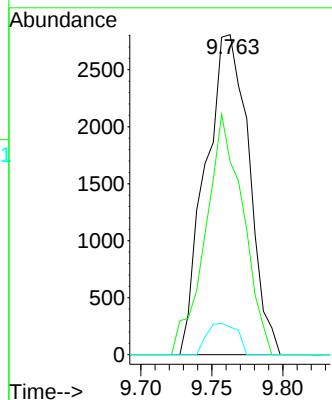
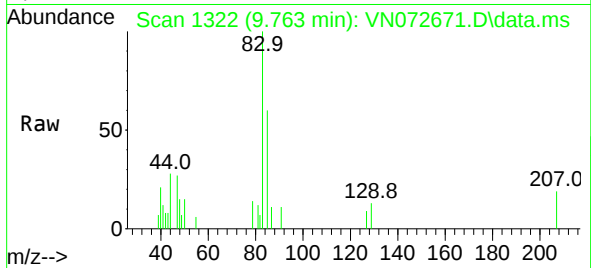




#41
Bromodichloromethane
Concen: 1.098 ug/l
RT: 9.763 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072671.D
Acq: 06 Jun 2022 18:41

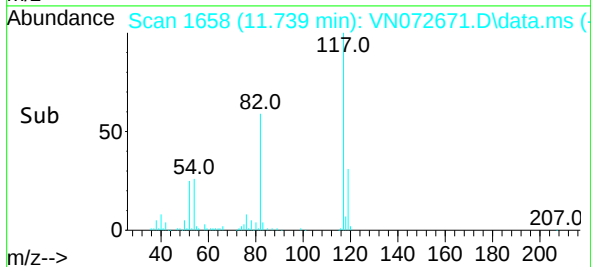
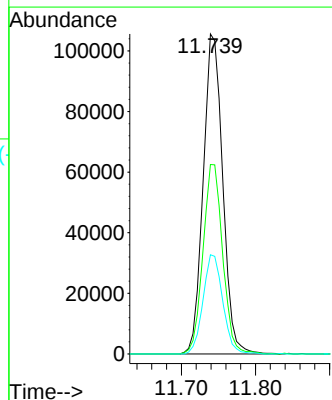
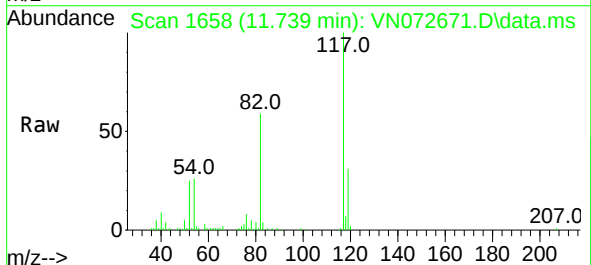
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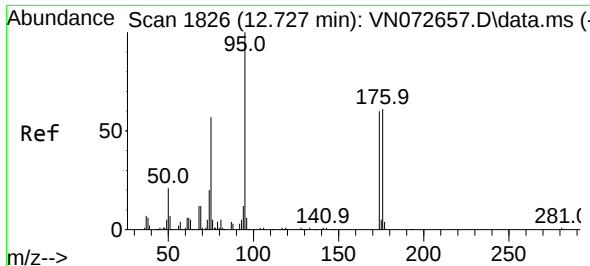
Tgt Ion: 83 Resp: 5950
Ion Ratio Lower Upper
83 100
85 60.3 54.1 81.1
127 8.7 7.6 11.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072671.D
Acq: 06 Jun 2022 18:41

Tgt Ion: 117 Resp: 193239
Ion Ratio Lower Upper
117 100
82 59.7 43.6 65.4
119 31.3 25.8 38.6

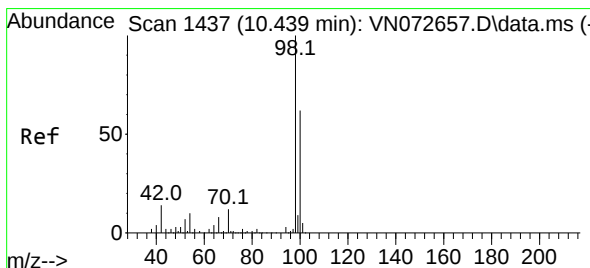
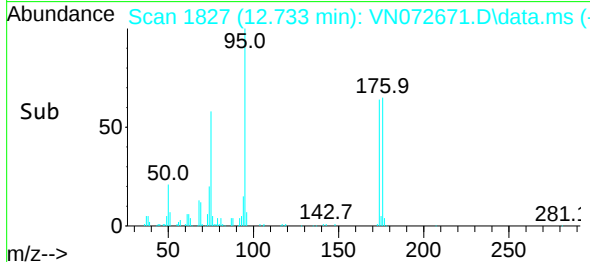
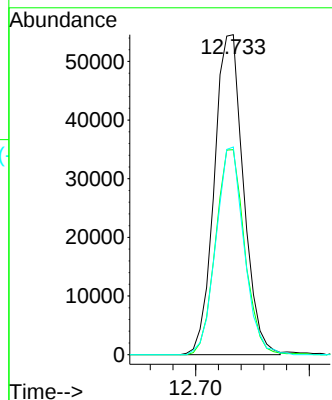
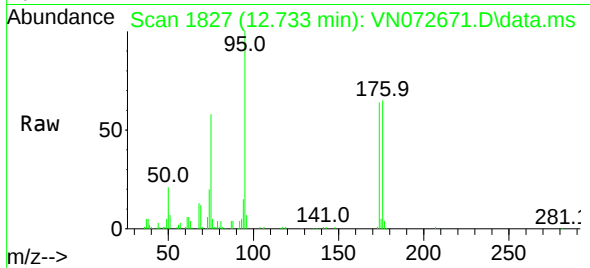




#60
4-Bromofluorobenzene
Concen: 24.497 ug/l
RT: 12.733 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072671.D
Acq: 06 Jun 2022 18:41

Instrument :
MSVOA_N
ClientSampleId :
14B-2

Tgt Ion: 95 Resp: 97362
Ion Ratio Lower Upper
95 100
174 63.5 62.9 94.3
176 62.6 61.0 91.4



#63
Toluene-d8
Concen: 32.746 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072671.D
Acq: 06 Jun 2022 18:41

Tgt Ion: 98 Resp: 350528
Ion Ratio Lower Upper
98 100
100 64.4 50.6 76.0

