

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100521\
 Data File : VN068805.D
 Acq On : 5 Oct 2021 15:38
 Operator : JC/MD
 Sample : M4054-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-035-IDWGW-20211001

Quant Time: Oct 05 16:00:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092821W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 29 08:56:32 2021
 Response via : Initial Calibration

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

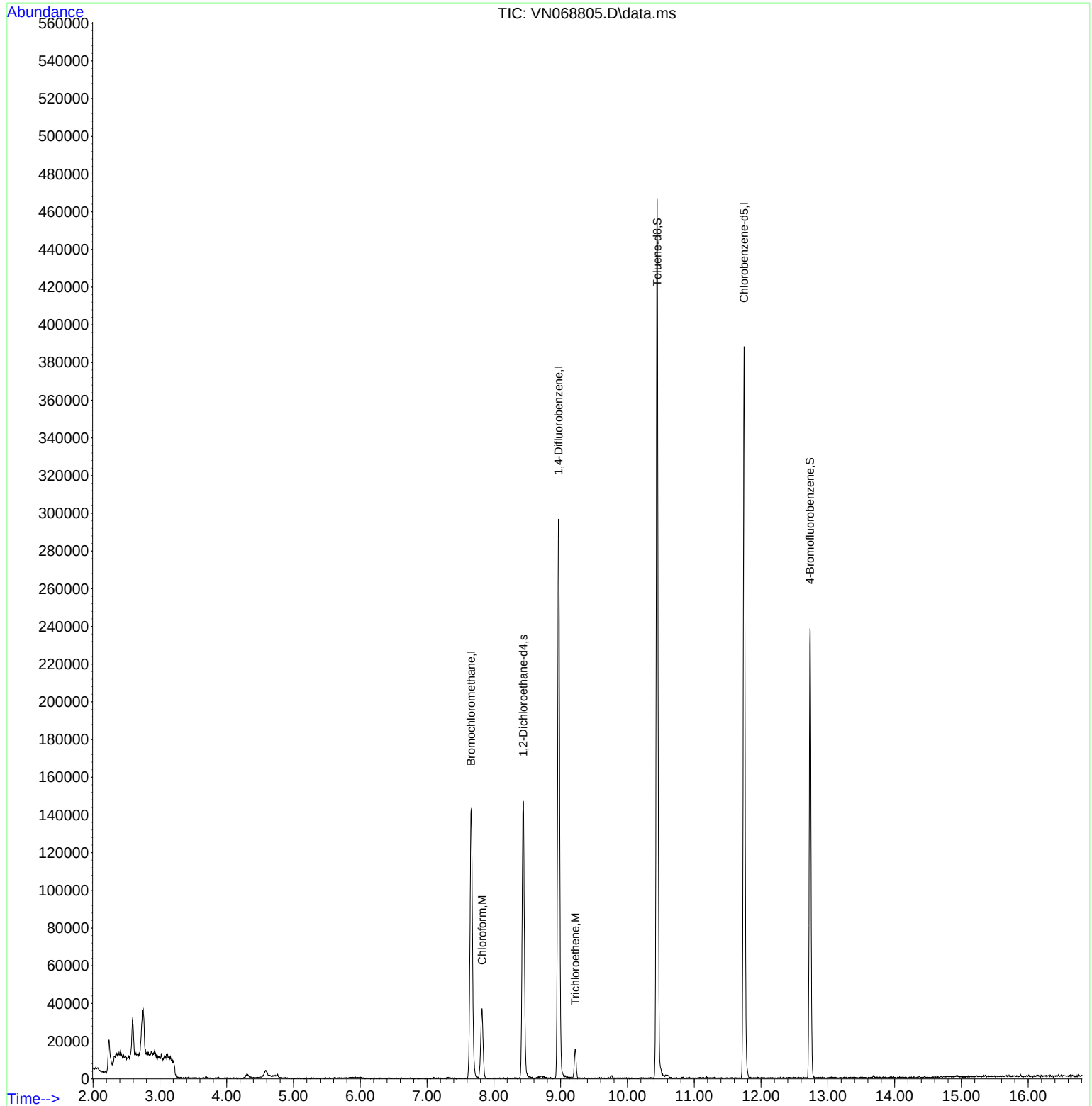
Internal Standards						
1) Bromochloromethane	7.659	128	51165	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	255332	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	223595	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	124160	31.48	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.93%
60) 4-Bromofluorobenzene	12.733	95	79441	22.74	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	75.80%
63) Toluene-d8	10.446	98	317882	31.45	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.83%
Target Compounds						
25) Chloroform	7.823	83	34519	5.41	ug/l	Qvalue 91
37) Trichloroethene	9.217	130	5420	1.70	ug/l	92

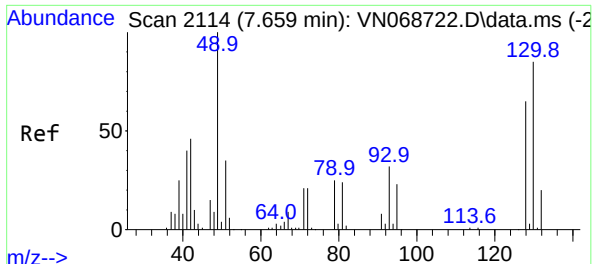
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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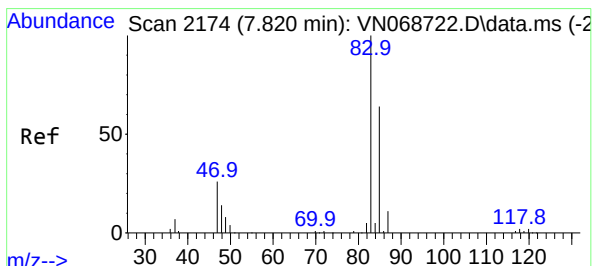
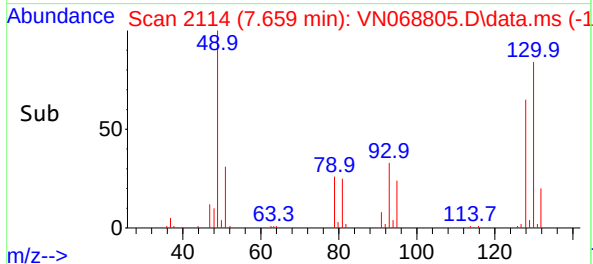
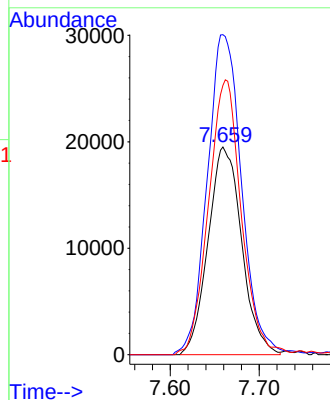
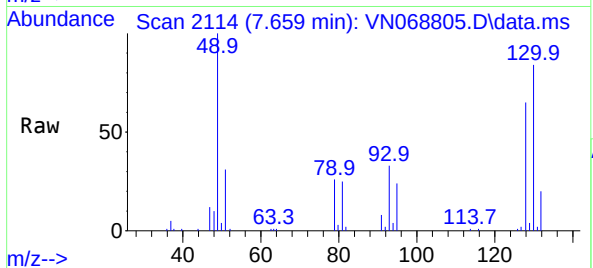




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN068805.D
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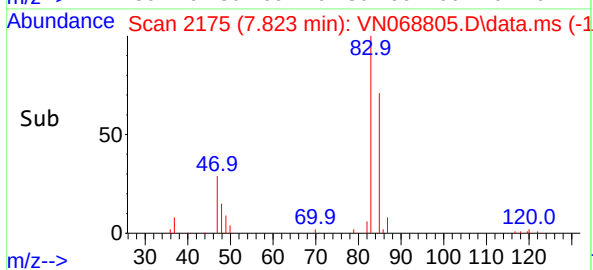
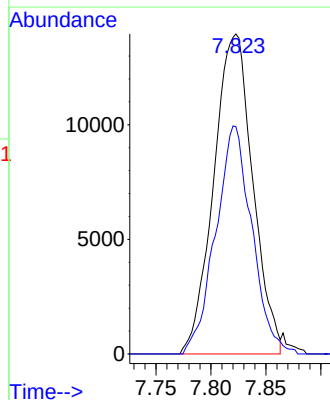
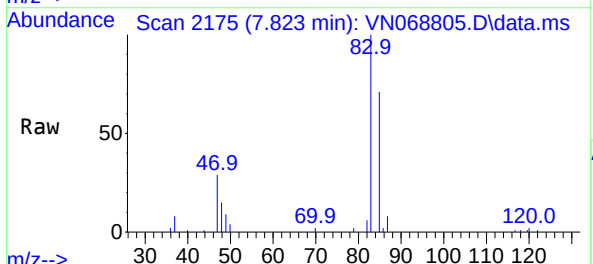
Instrument :
MSVOA_N
ClientSampleId :
TT-035-IDWGW-20211001

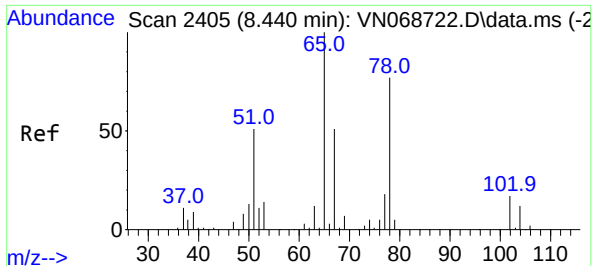
Tgt Ion:128 Resp: 51165
Ion Ratio Lower Upper
128 100
49 156.9 0.0 392.3
130 128.1 0.0 320.2



#25
Chloroform
Concen: 5.41 ug/l
RT: 7.823 min Scan# 2175
Delta R.T. 0.003 min
Lab File: VN068805.D
Acq: 5 Oct 2021 15:38

Tgt Ion: 83 Resp: 34519
Ion Ratio Lower Upper
83 100
85 71.0 51.3 76.9

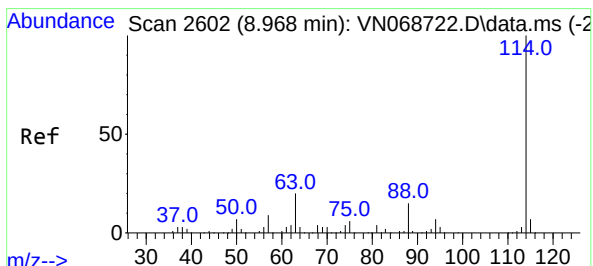
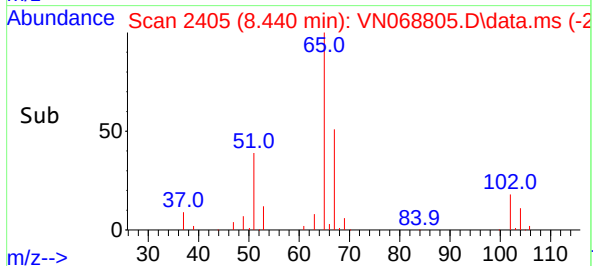
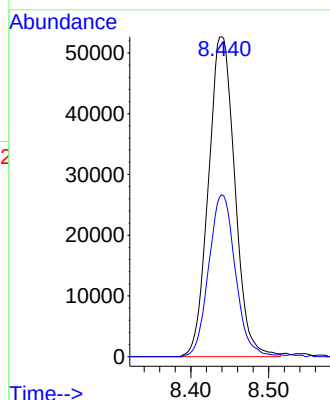
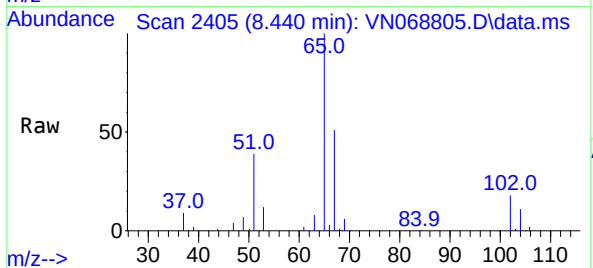




#27
1,2-Dichloroethane-d4
Concen: 31.48 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068805.D
Acq: 5 Oct 2021 15:38

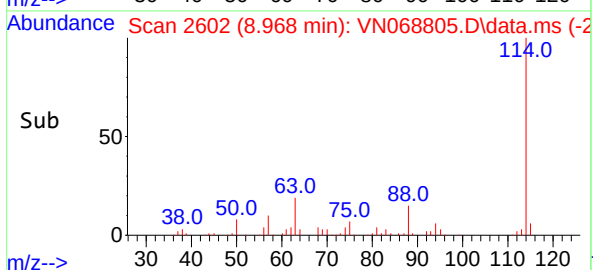
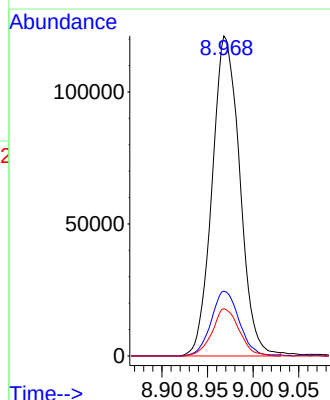
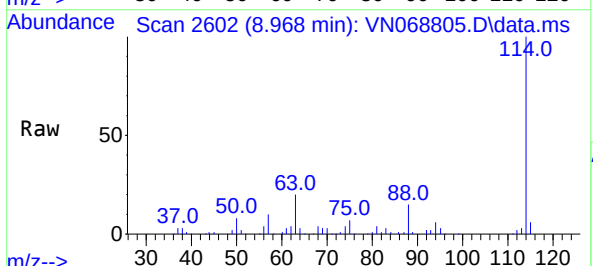
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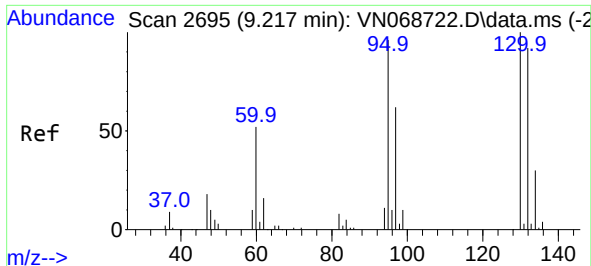
Tgt Ion: 65 Resp: 124160
Ion Ratio Lower Upper
65 100
67 50.9 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN068805.D
Acq: 5 Oct 2021 15:38

Tgt Ion: 114 Resp: 255332
Ion Ratio Lower Upper
114 100
63 20.6 15.8 23.6
88 14.4 11.6 17.4





#37

Trichloroethene

Concen: 1.70 ug/l

RT: 9.217 min Scan# 2695

Delta R.T. 0.000 min

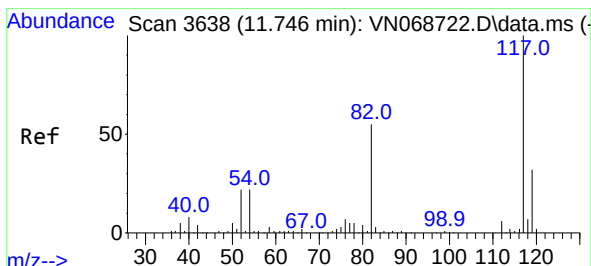
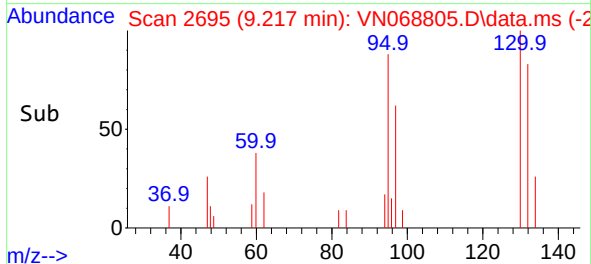
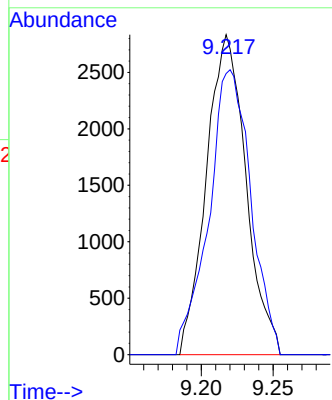
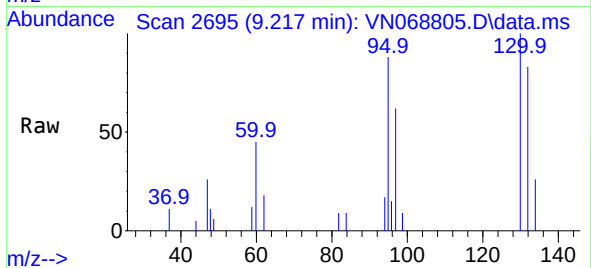
Lab File: VN068805.D

Acq: 5 Oct 2021 15:38

Tgt Ion:130 Resp: 5420

Ion Ratio Lower Upper

130	100		
95	87.9	76.6	115.0



#57

Chlorobenzene-d5

Concen: 30.00 ug/l

RT: 11.746 min Scan# 3638

Delta R.T. 0.000 min

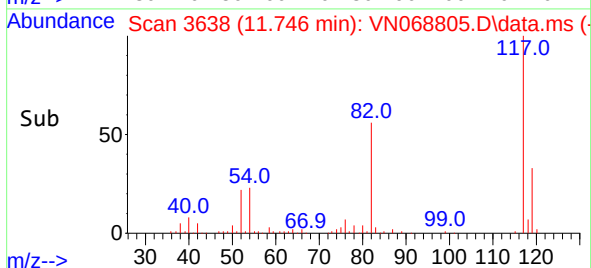
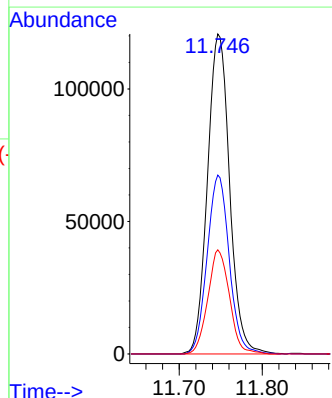
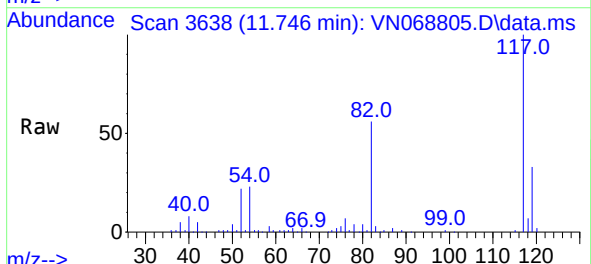
Lab File: VN068805.D

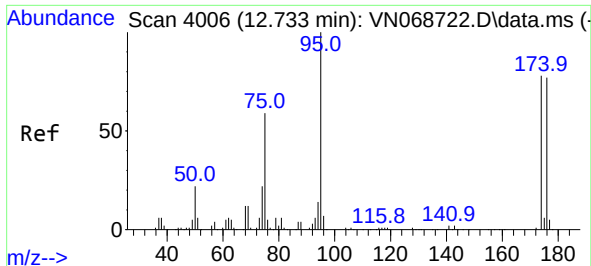
Acq: 5 Oct 2021 15:38

Tgt Ion:117 Resp: 223595

Ion Ratio Lower Upper

117	100		
82	55.8	43.6	65.4
119	31.8	25.8	38.6

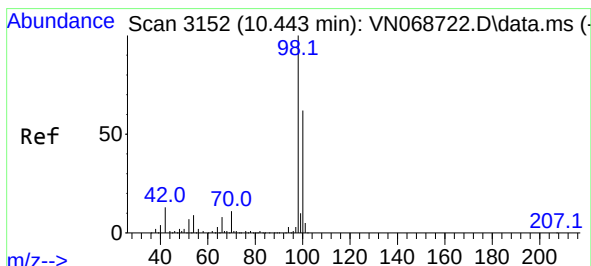
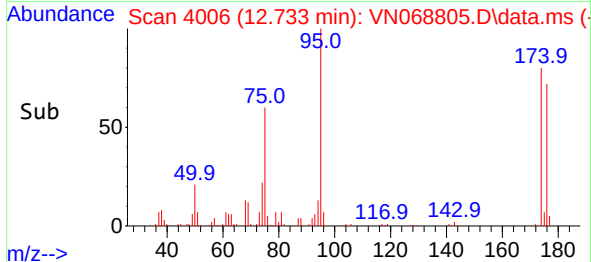
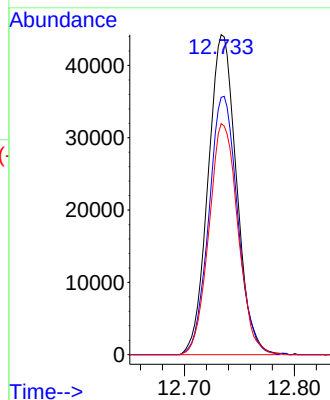
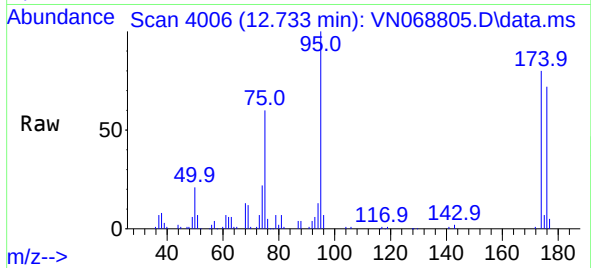




#60
4-Bromofluorobenzene
Concen: 22.74 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068805.D
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Tgt Ion: 95 Resp: 79441
Ion Ratio Lower Upper
95 100
174 81.6 62.9 94.3
176 73.7 61.0 91.4



#63
Toluene-d8
Concen: 31.45 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068805.D
Acq: 5 Oct 2021 15:38

Tgt Ion: 98 Resp: 317882
Ion Ratio Lower Upper
98 100
100 62.9 50.6 76.0

