

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102921\
 Data File : VN069310.D
 Acq On : 29 Oct 2021 19:04
 Operator : JC/MD
 Sample : M4394-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MWHR2-8-102721

Quant Time: Oct 30 05:45:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

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

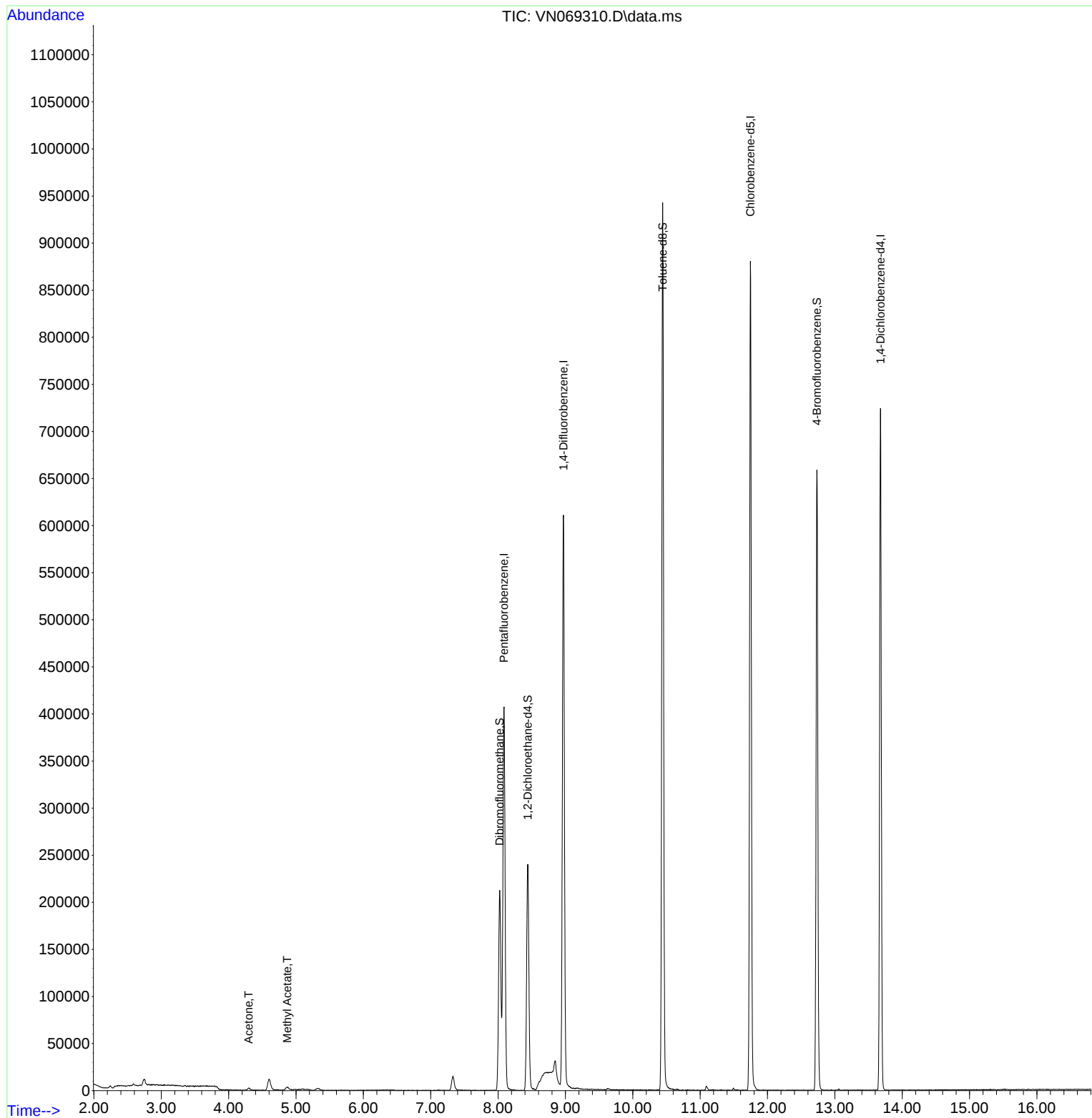
Internal Standards						
1) Pentafluorobenzene	8.088	168	305309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	541890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	522841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	192378	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	207738	47.135	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.280%
35) Dibromofluoromethane	8.024	113	154514	45.742	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.480%
50) Toluene-d8	10.443	98	671486	49.717	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.440%
62) 4-Bromofluorobenzene	12.733	95	237538	46.607	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.220%
Target Compounds						
					Qvalue	
16) Acetone	4.296	43	3890	2.072	ug/l #	85
18) Methyl Acetate	4.870	43	7172	1.124	ug/l #	78

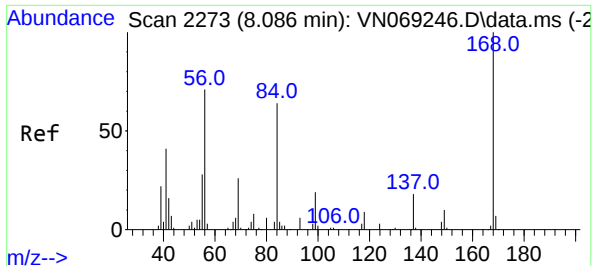
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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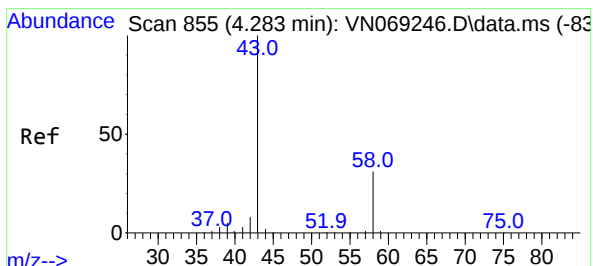
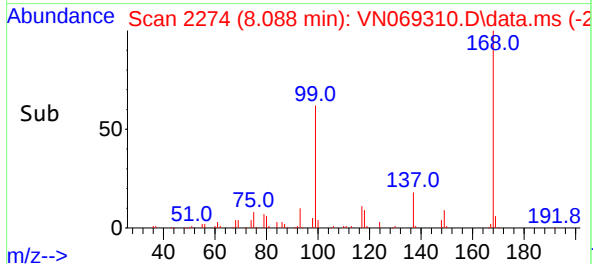
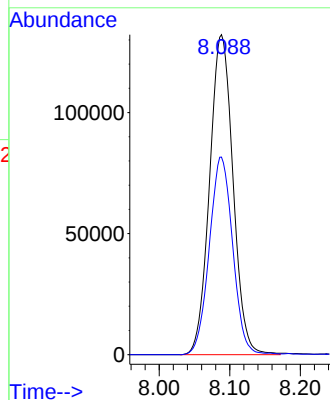
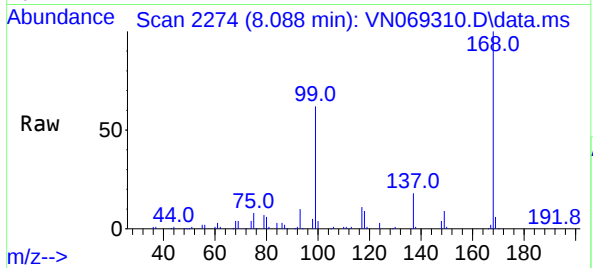




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069310.D
Acq: 29 Oct 2021 19:04

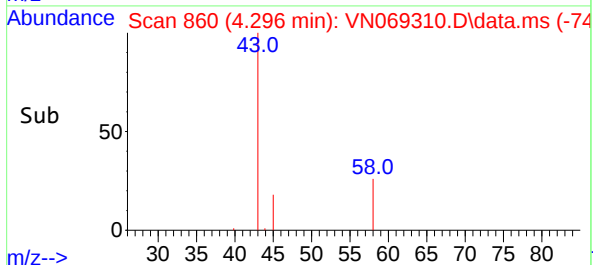
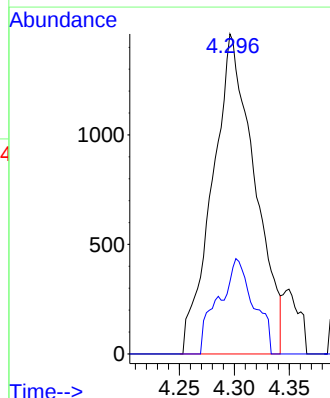
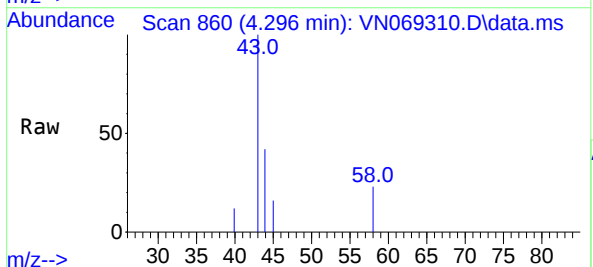
Instrument :
MSVOA_N
ClientSampleId :
MWHHR2-8-102721

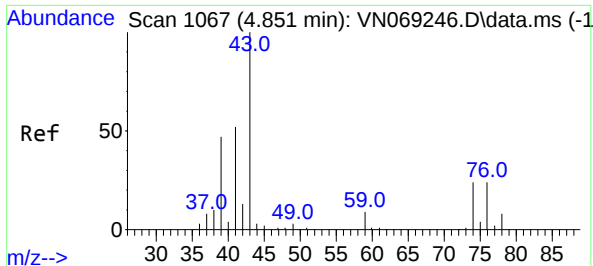
Tgt Ion:168 Resp: 305309
Ion Ratio Lower Upper
168 100
99 61.7 48.9 73.3



#16
Acetone
Concen: 2.072 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.013 min
Lab File: VN069310.D
Acq: 29 Oct 2021 19:04

Tgt Ion: 43 Resp: 3890
Ion Ratio Lower Upper
43 100
58 22.6 24.5 36.7#

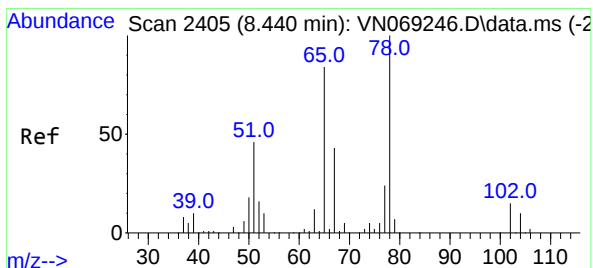
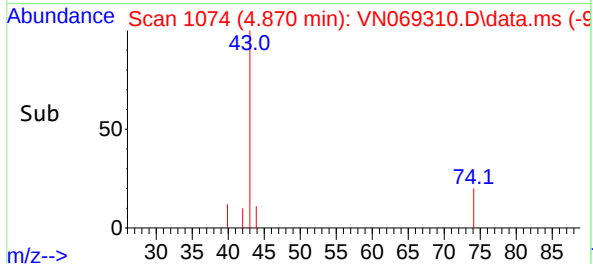
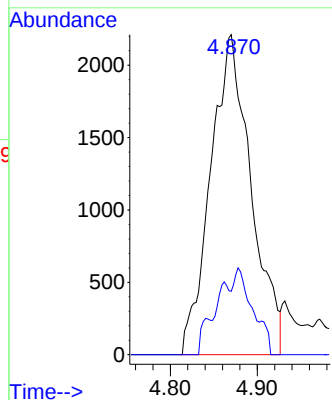
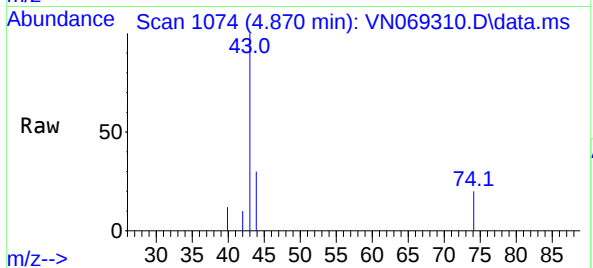




#18
Methyl Acetate
Concen: 1.124 ug/l
RT: 4.870 min Scan# 1067
Delta R.T. 0.019 min
Lab File: VN069310.D
Acq: 29 Oct 2021 19:04

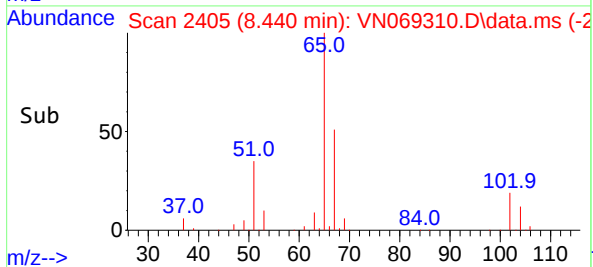
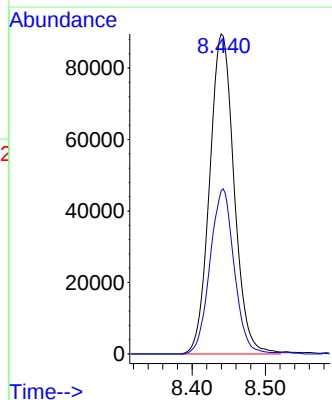
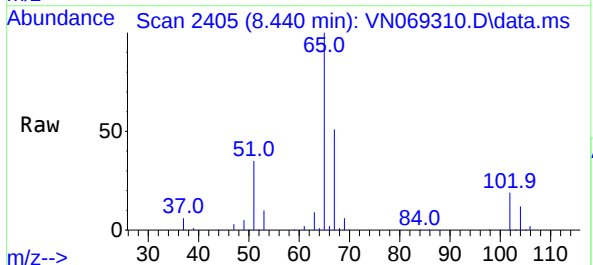
Instrument :
MSVOA_N
ClientSampleId :
MWHR2-8-102721

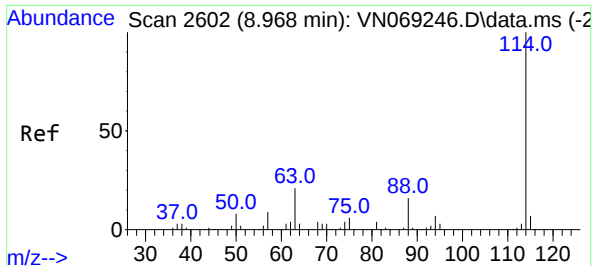
Tgt Ion: 43 Resp: 7172
Ion Ratio Lower Upper
43 100
74 12.9 18.9 28.3#



#33
1,2-Dichloroethane-d4
Concen: 47.135 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069310.D
Acq: 29 Oct 2021 19:04

Tgt Ion: 65 Resp: 207738
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.003 min

Lab File: VN069310.D

Acq: 29 Oct 2021 19:04

Instrument :

MSVOA_N

ClientSampleId :

MWHR2-8-102721

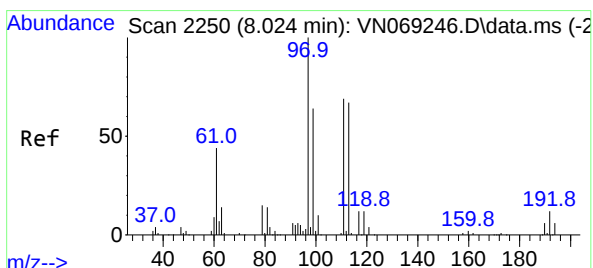
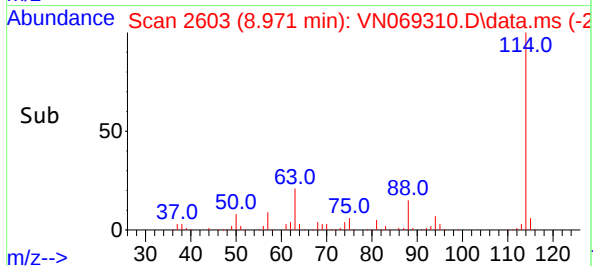
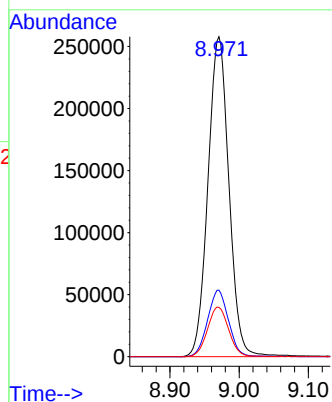
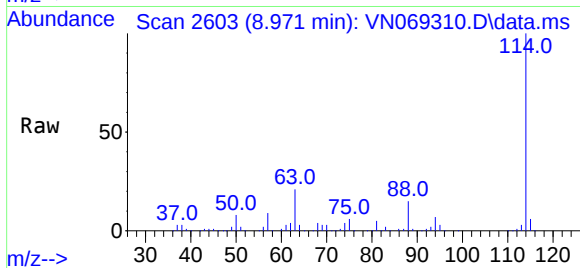
Tgt Ion:114 Resp: 541890

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.6

88 15.4 0.0 32.0



#35

Dibromofluoromethane

Concen: 45.742 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. -0.000 min

Lab File: VN069310.D

Acq: 29 Oct 2021 19:04

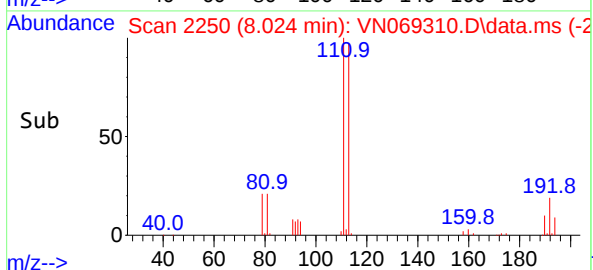
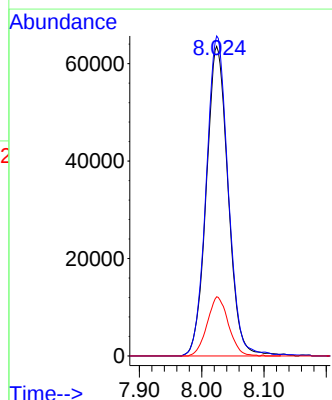
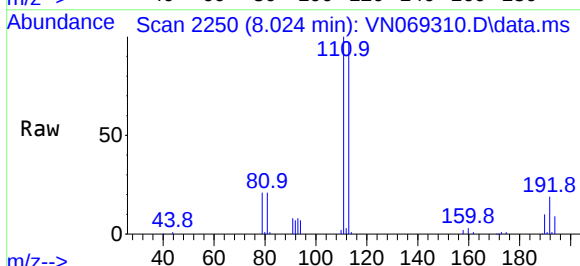
Tgt Ion:113 Resp: 154514

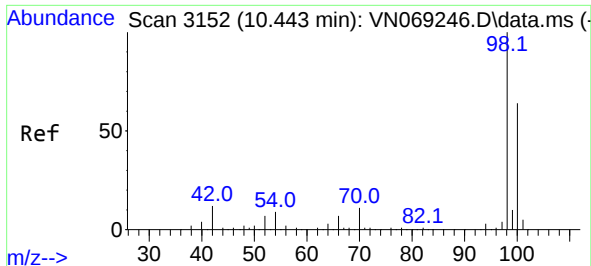
Ion Ratio Lower Upper

113 100

111 103.3 83.2 124.8

192 18.6 15.0 22.4

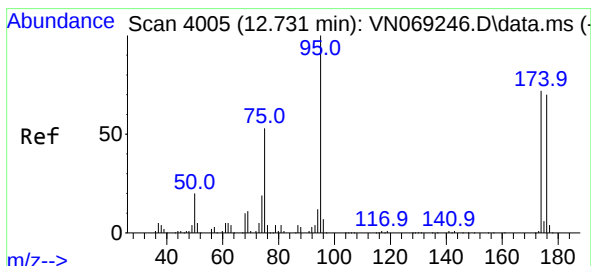
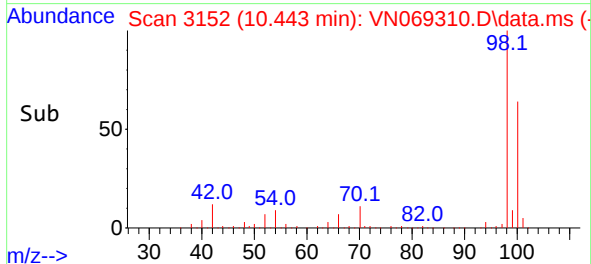
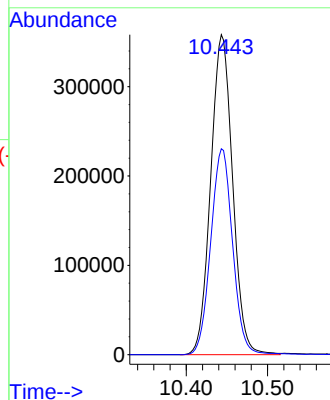
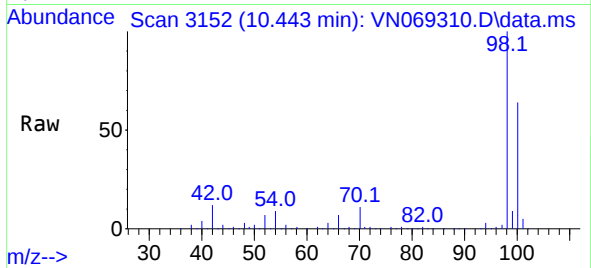




#50
Toluene-d8
Concen: 49.717 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069310.D
Acq: 29 Oct 2021 19:04

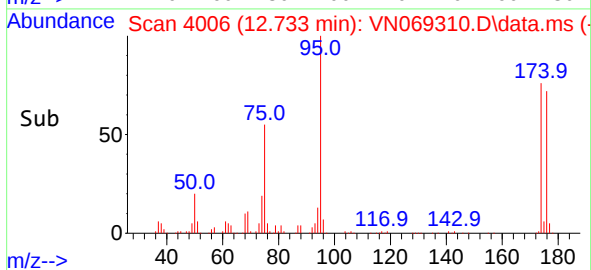
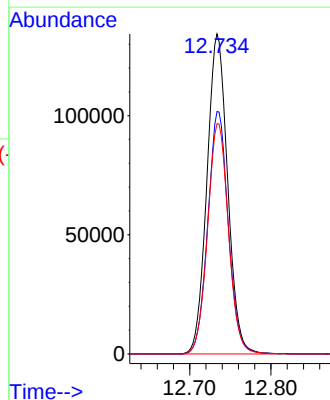
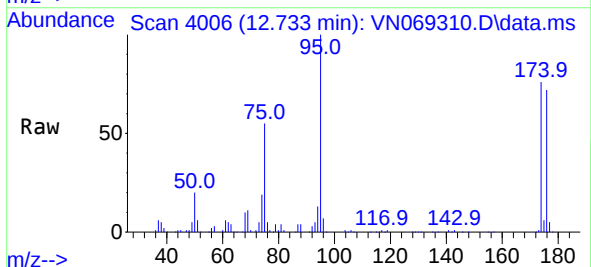
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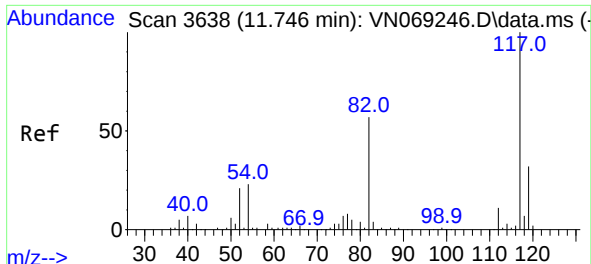
Tgt Ion: 98 Resp: 671486
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 46.607 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN069310.D
Acq: 29 Oct 2021 19:04

Tgt Ion: 95 Resp: 237538
Ion Ratio Lower Upper
95 100
174 75.2 0.0 144.8
176 72.3 0.0 140.0

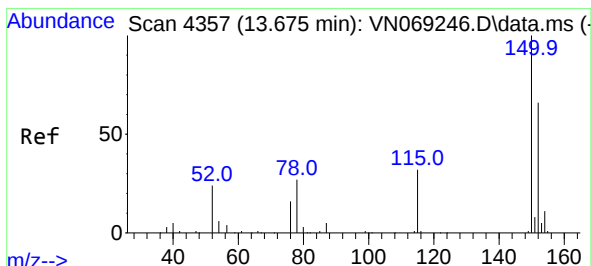
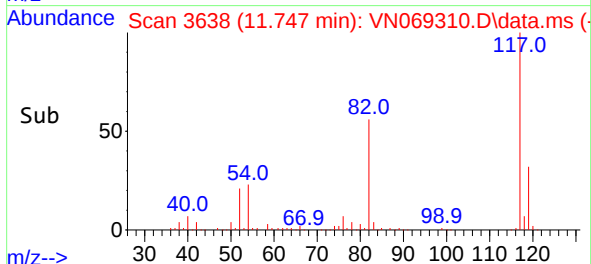
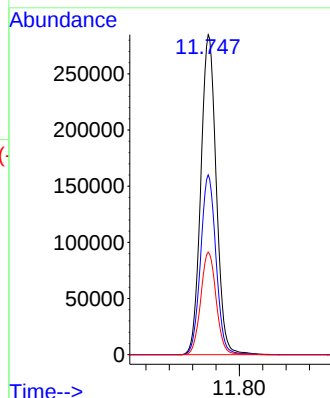
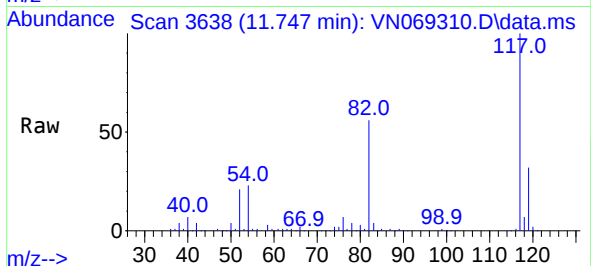




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN069310.D
Acq: 29 Oct 2021 19:04

Instrument :
MSVOA_N
ClientSampleId :
MWHHR2-8-102721

Tgt Ion:117 Resp: 522841
Ion Ratio Lower Upper
117 100
82 56.2 46.4 69.6
119 32.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069310.D
Acq: 29 Oct 2021 19:04

Tgt Ion:152 Resp: 192378
Ion Ratio Lower Upper
152 100
115 62.9 31.4 94.3
150 160.1 0.0 351.0

