

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031822\
 Data File : VN071384.D
 Acq On : 18 Mar 2022 19:56
 Operator : JC\MD
 Sample : N2015-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-06

Quant Time: Mar 19 07:12:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

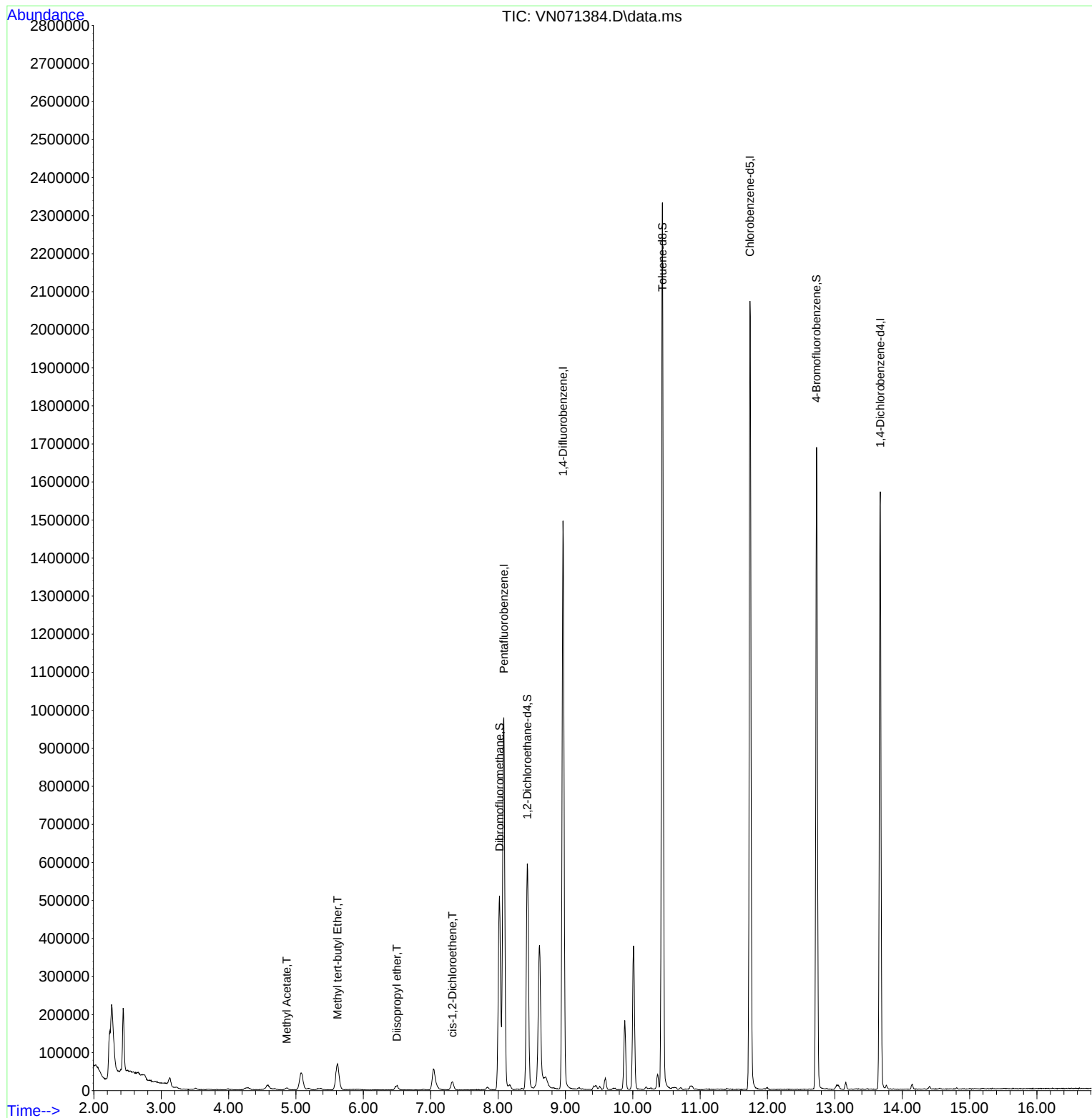
Internal Standards						
1) Pentafluorobenzene	8.086	168	760261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1291866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1208315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	438807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	501550	48.135	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.260%
35) Dibromofluoromethane	8.022	113	376243	46.153	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.300%
50) Toluene-d8	10.439	98	1593235	48.540	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.080%
62) 4-Bromofluorobenzene	12.727	95	579962	52.180	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.360%
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.863	43	10554	1.238	ug/l	96
19) Methyl tert-butyl Ether	5.616	73	107111	3.743	ug/l	93
22) Diisopropyl ether	6.498	45	14353	0.439	ug/l #	73
27) cis-1,2-Dichloroethene	7.322	96	8182	0.827	ug/l	98

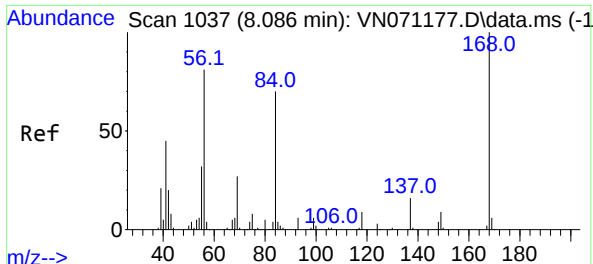
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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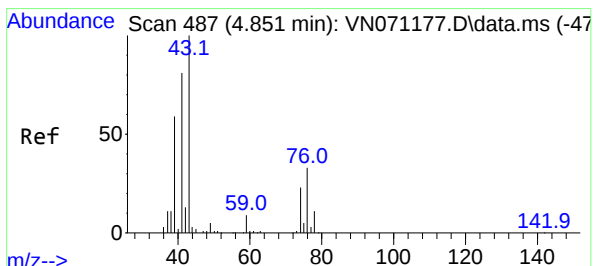
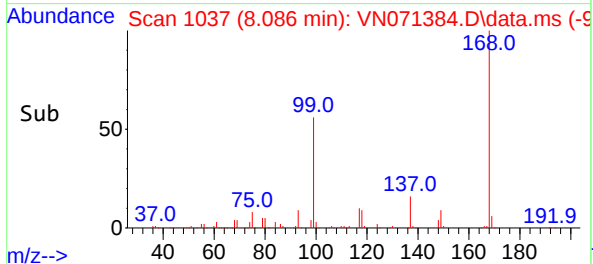
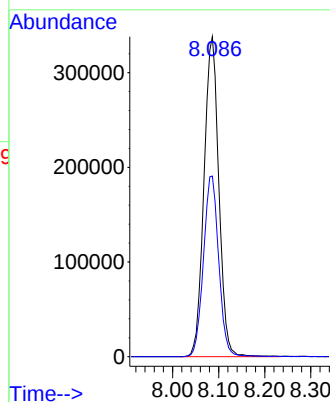
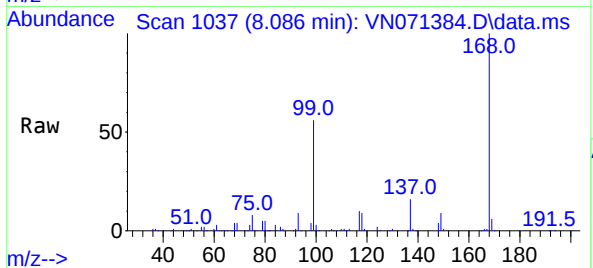




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VN071384.D
Acq: 18 Mar 2022 19:56

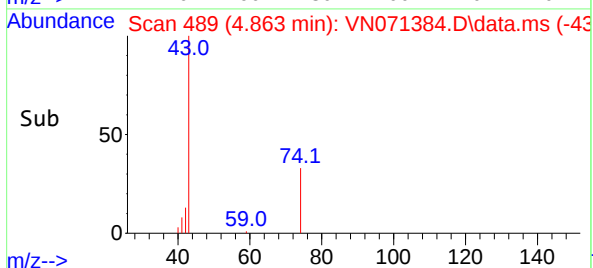
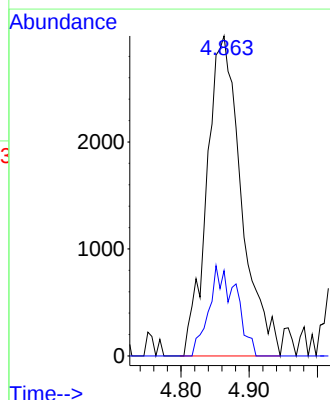
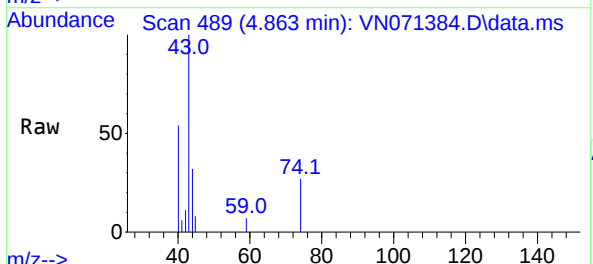
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-06

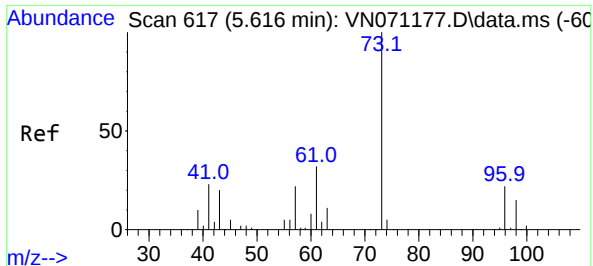
Tgt Ion:168 Resp: 760261
Ion Ratio Lower Upper
168 100
99 56.5 41.3 61.9



#18
Methyl Acetate
Concen: 1.238 ug/l
RT: 4.863 min Scan# 489
Delta R.T. 0.012 min
Lab File: VN071384.D
Acq: 18 Mar 2022 19:56

Tgt Ion: 43 Resp: 10554
Ion Ratio Lower Upper
43 100
74 22.3 19.4 29.2

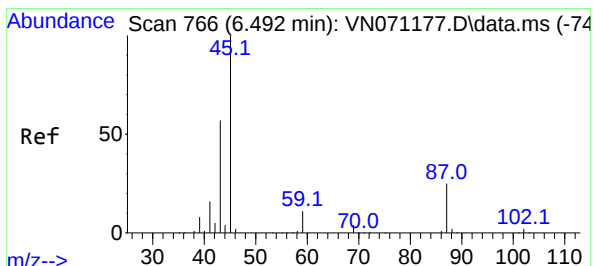
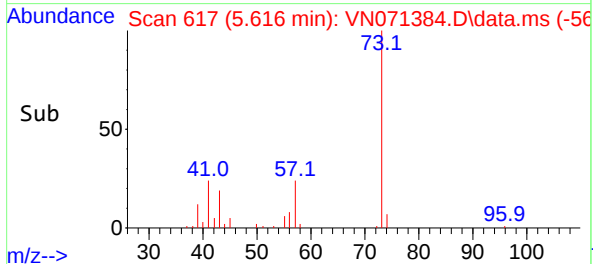
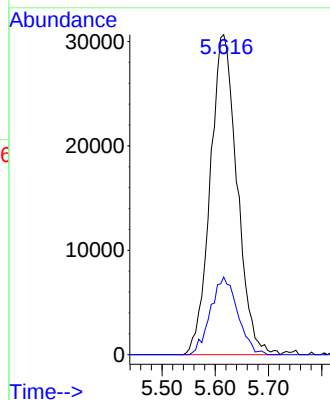
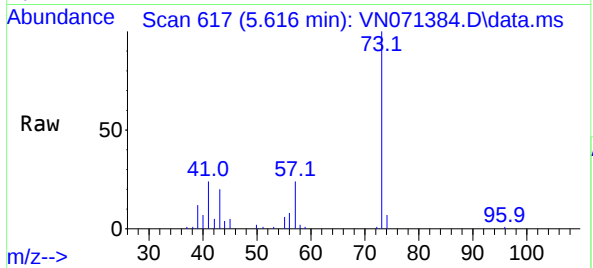




#19
Methyl tert-butyl Ether
Concen: 3.743 ug/l
RT: 5.616 min Scan# 617
Delta R.T. -0.000 min
Lab File: VN071384.D
Acq: 18 Mar 2022 19:56

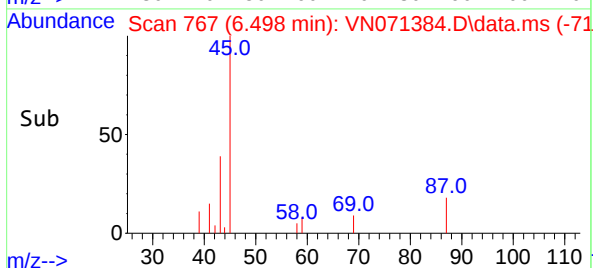
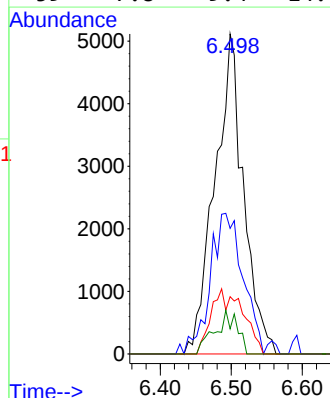
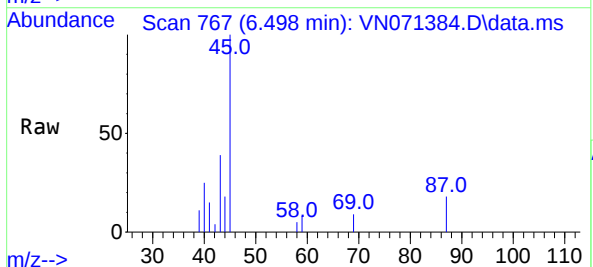
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-06

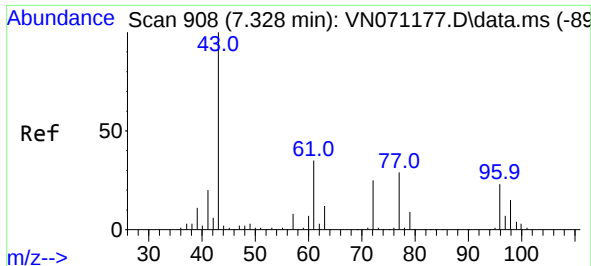
Tgt Ion: 73 Resp: 107111
Ion Ratio Lower Upper
73 100
57 24.2 16.8 25.2



#22
Diisopropyl ether
Concen: 0.439 ug/l
RT: 6.498 min Scan# 767
Delta R.T. 0.006 min
Lab File: VN071384.D
Acq: 18 Mar 2022 19:56

Tgt Ion: 45 Resp: 14353
Ion Ratio Lower Upper
45 100
43 39.3 51.7 77.5#
87 17.9 23.2 34.8#
59 7.8 9.4 14.0#





#27

cis-1,2-Dichloroethene

Concen: 0.827 ug/l

RT: 7.322 min Scan# 90

Delta R.T. -0.006 min

Lab File: VN071384.D

Acq: 18 Mar 2022 19:56

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-06

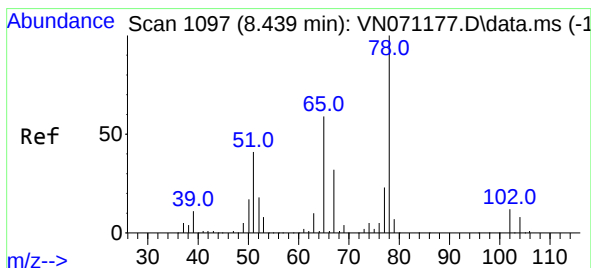
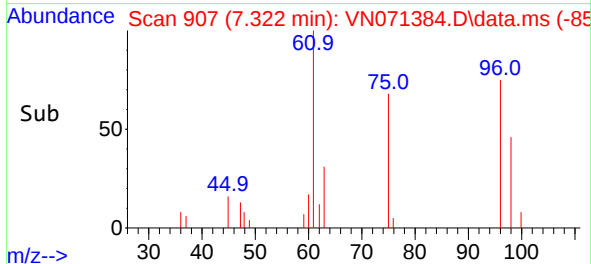
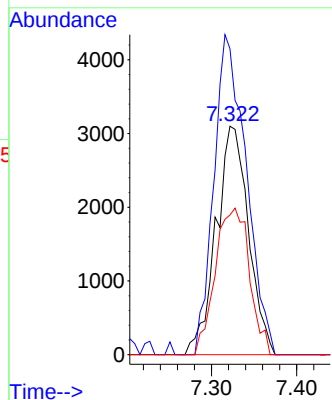
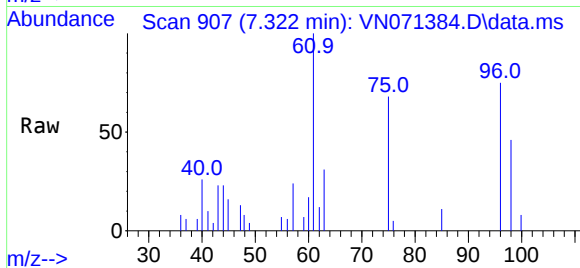
Tgt Ion: 96 Resp: 8182

Ion Ratio Lower Upper

96 100

61 139.8 0.0 275.0

98 67.6 0.0 129.6



#33

1,2-Dichloroethane-d4

Concen: 48.135 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.006 min

Lab File: VN071384.D

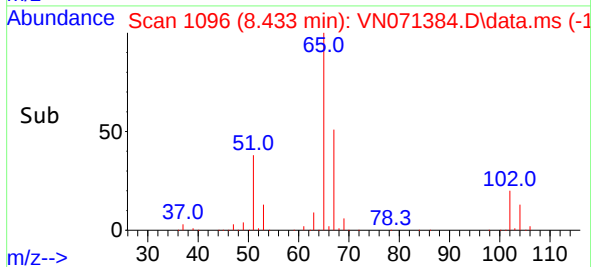
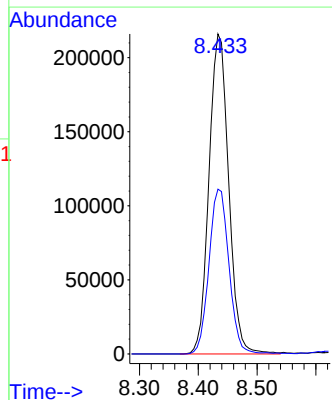
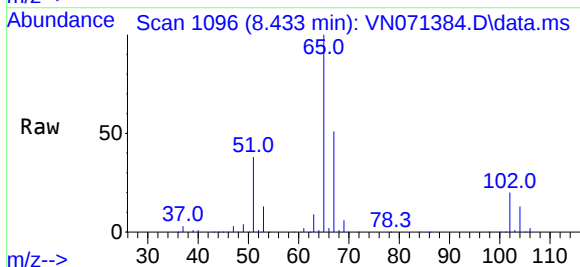
Acq: 18 Mar 2022 19:56

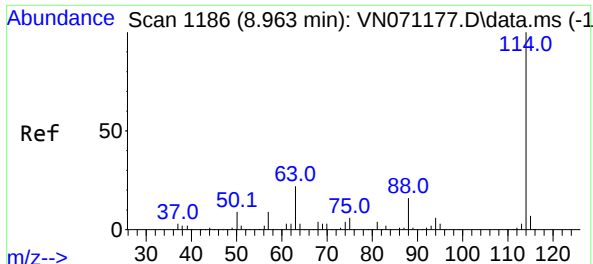
Tgt Ion: 65 Resp: 501550

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.0

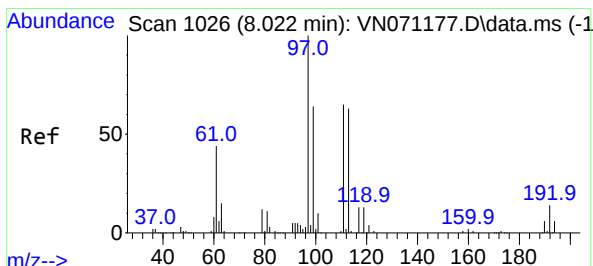
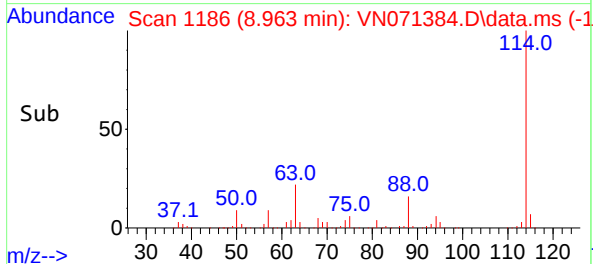
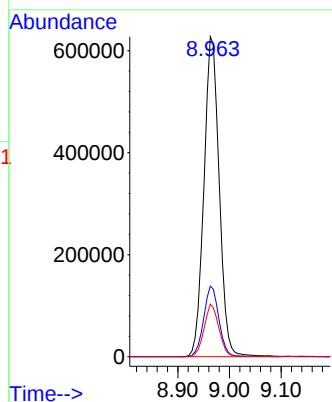
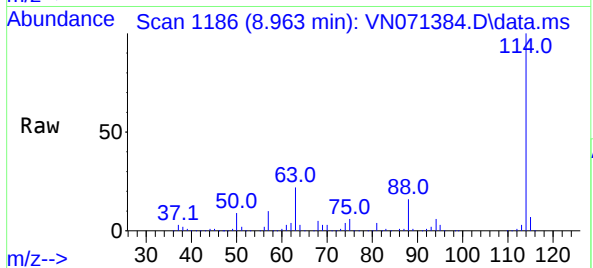




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071384.D
Acq: 18 Mar 2022 19:56

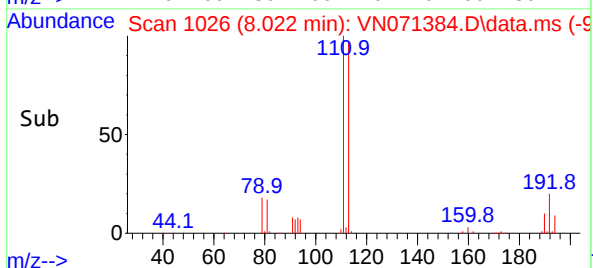
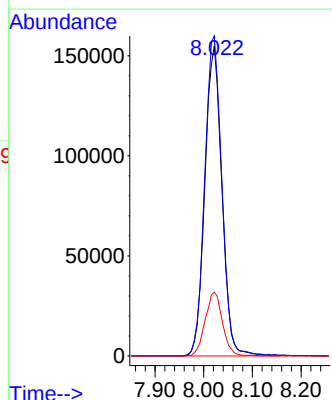
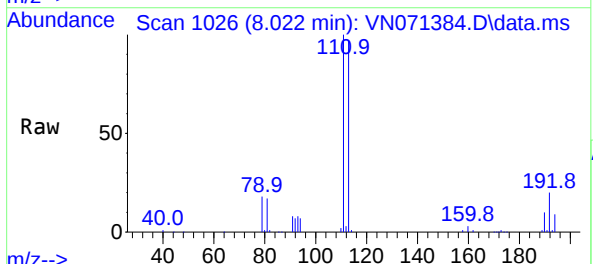
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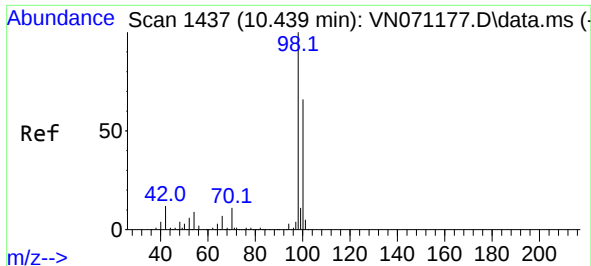
Tgt Ion:114 Resp: 1291866
Ion Ratio Lower Upper
114 100
63 22.0 0.0 37.8
88 16.4 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.153 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN071384.D
Acq: 18 Mar 2022 19:56

Tgt Ion:113 Resp: 376243
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 20.8 16.9 25.3

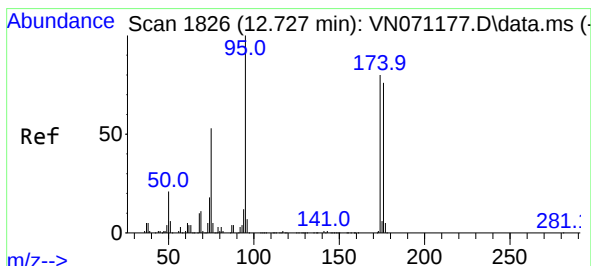
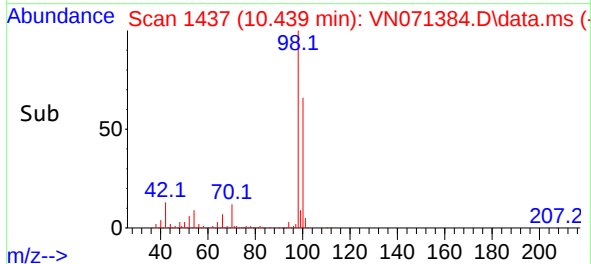
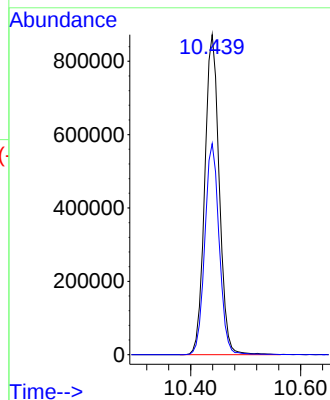
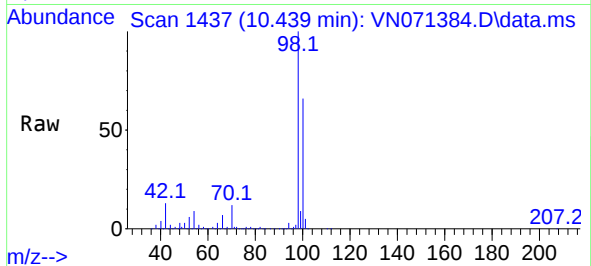




#50
Toluene-d8
Concen: 48.540 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071384.D
Acq: 18 Mar 2022 19:56

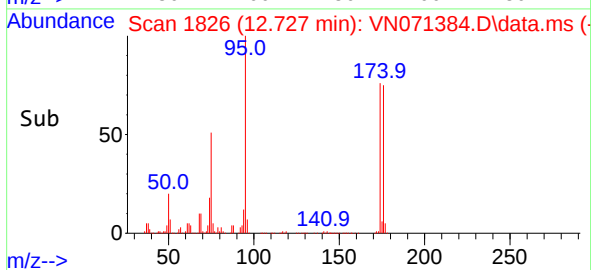
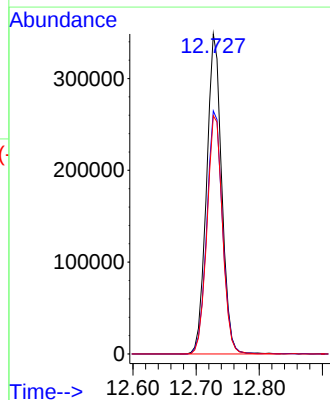
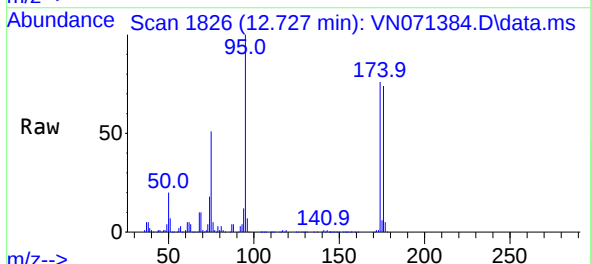
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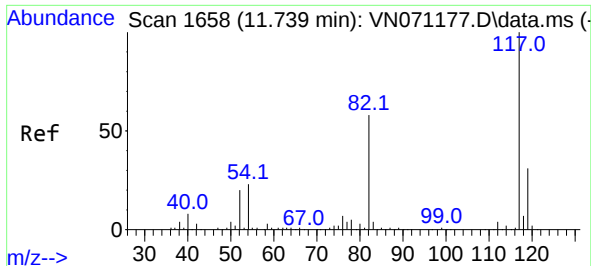
Tgt Ion: 98 Resp: 1593235
Ion Ratio Lower Upper
98 100
100 65.6 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 52.180 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071384.D
Acq: 18 Mar 2022 19:56

Tgt Ion: 95 Resp: 579962
Ion Ratio Lower Upper
95 100
174 78.4 0.0 187.2
176 76.1 0.0 181.4

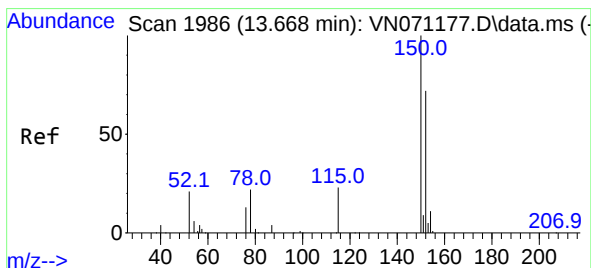
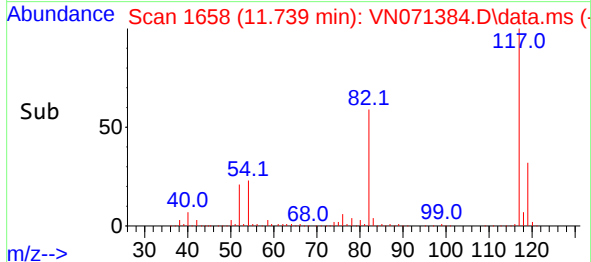
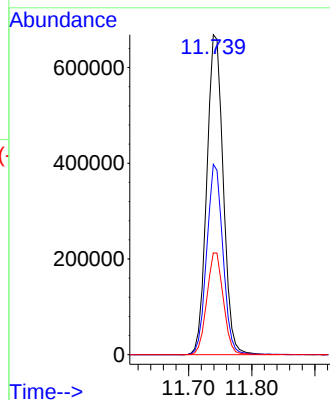
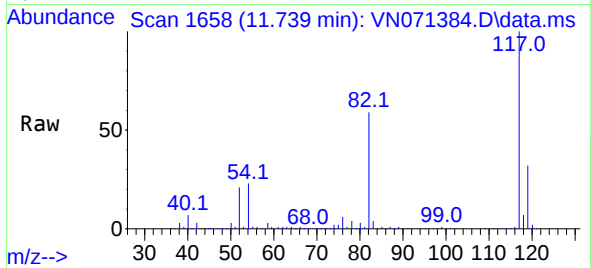




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071384.D
Acq: 18 Mar 2022 19:56

Instrument :
MSVOA_N
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TOLL-MW-06

Tgt Ion:117 Resp: 1208315
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 31.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071384.D
Acq: 18 Mar 2022 19:56

Tgt Ion:152 Resp: 438807
Ion Ratio Lower Upper
152 100
115 58.0 27.5 82.5
150 156.9 0.0 344.4

