

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031922\
 Data File : VN071400.D
 Acq On : 19 Mar 2022 16:07
 Operator : JC\MD
 Sample : N1958-21
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-6-5-6

Quant Time: Mar 21 05:52:31 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)

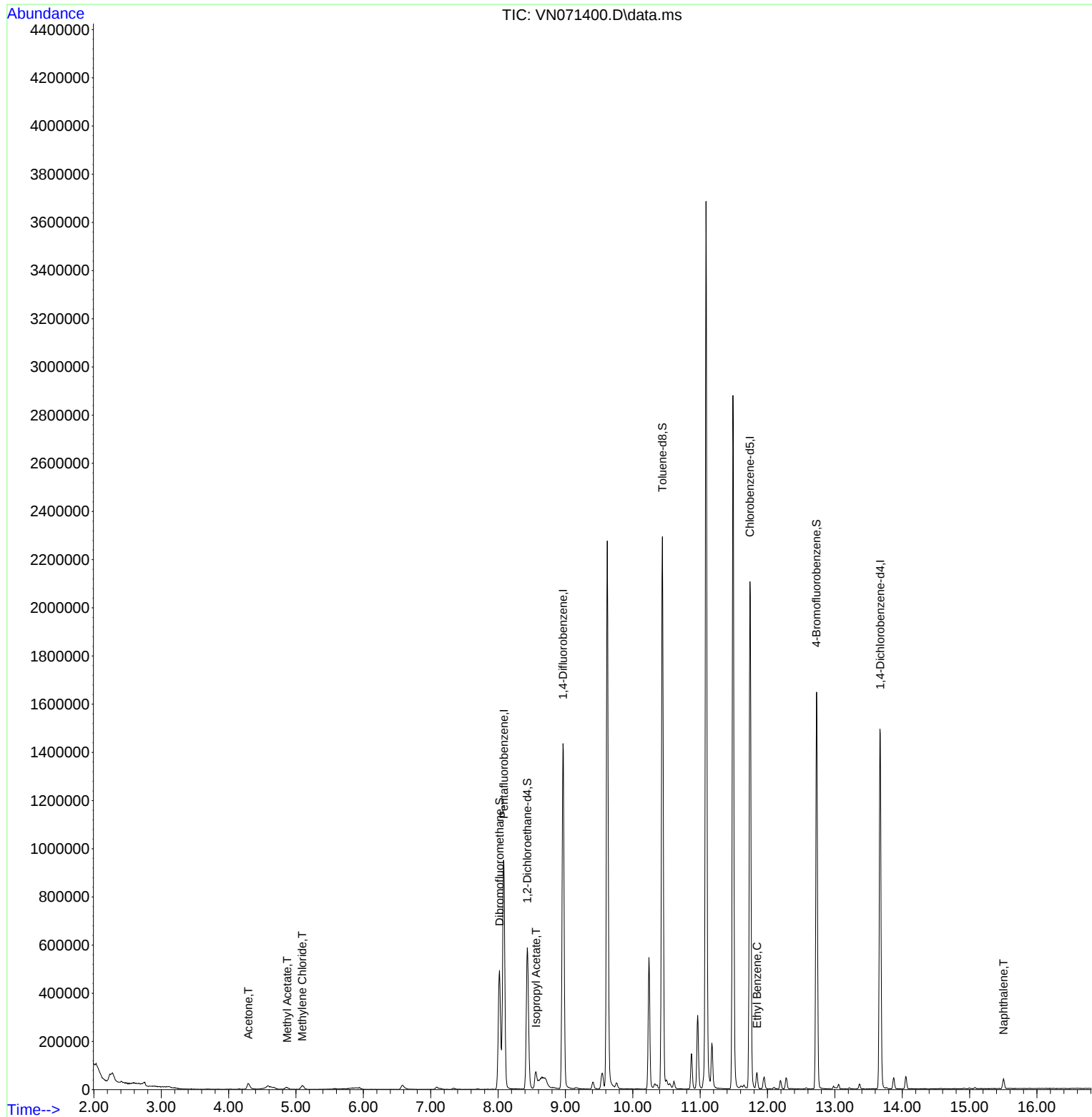
Internal Standards						
1) Pentafluorobenzene	8.086	168	732299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1254174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1210810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	416082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	480442	47.870	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.740%
35) Dibromofluoromethane	8.022	113	366654	46.328	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.660%
50) Toluene-d8	10.439	98	1578270	49.530	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.060%
62) 4-Bromofluorobenzene	12.727	95	574679	53.259	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.520%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	42062	8.613	ug/l	99
18) Methyl Acetate	4.869	43	19566	1.948	ug/l #	90
20) Methylene Chloride	5.093	84	12492	1.771	ug/l #	89
43) Isopropyl Acetate	8.563	43	88310	3.384	ug/l #	81
67) Ethyl Benzene	11.845	91	46227	1.005	ug/l	94
95) Naphthalene	15.504	128	35633	6.746	ug/l	98

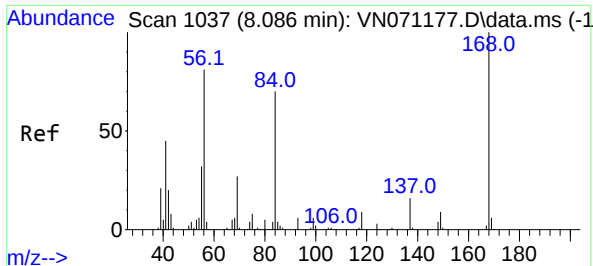
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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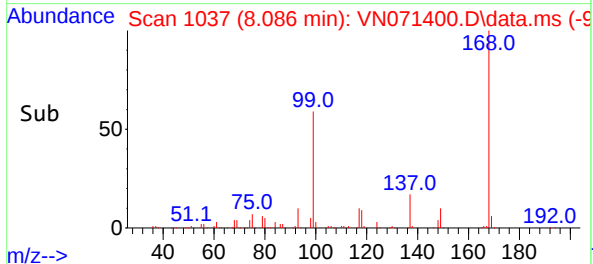
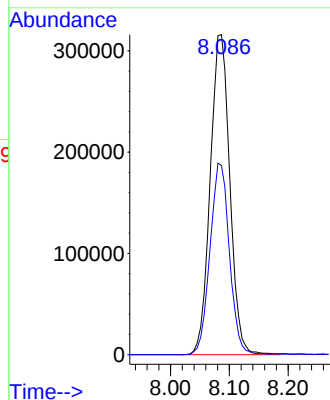
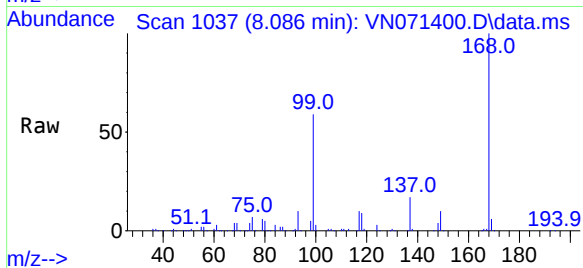




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VN071400.D
Acq: 19 Mar 2022 16:07

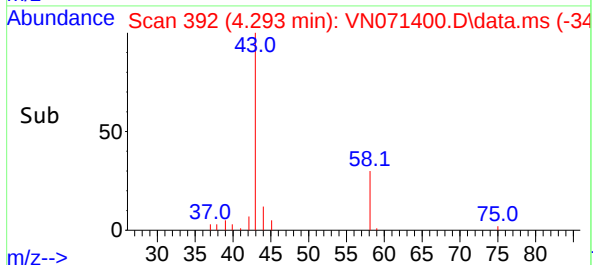
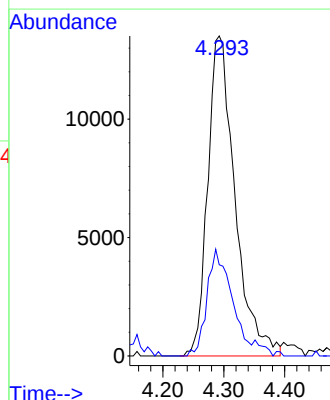
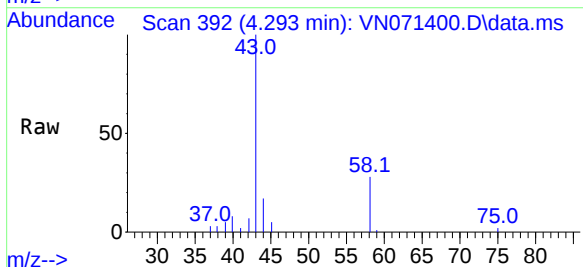
Instrument :
MSVOA_N
ClientSampleId :
C-6-5-6

Tgt Ion:168 Resp: 732299
Ion Ratio Lower Upper
168 100
99 59.2 41.3 61.9



#16
Acetone
Concen: 8.613 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.006 min
Lab File: VN071400.D
Acq: 19 Mar 2022 16:07

Tgt Ion: 43 Resp: 42062
Ion Ratio Lower Upper
43 100
58 28.5 23.1 34.7

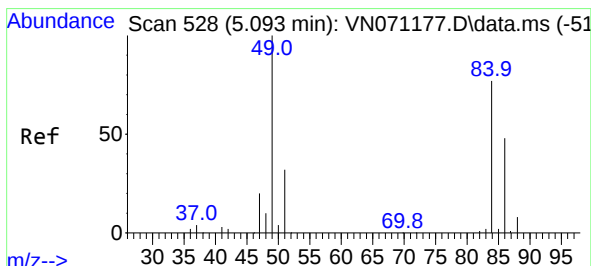
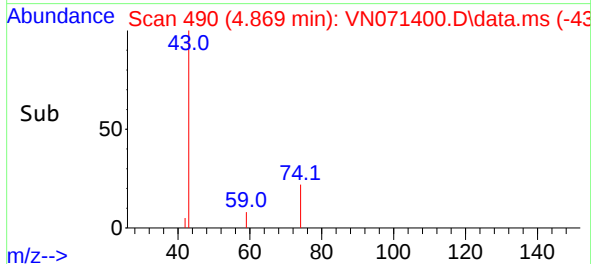
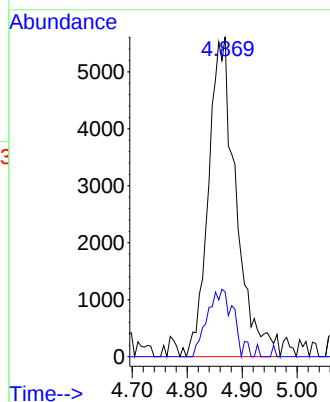
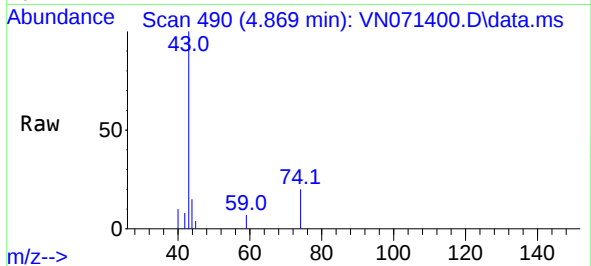




#18
Methyl Acetate
Concen: 1.948 ug/l
RT: 4.869 min Scan# 490
Delta R.T. 0.018 min
Lab File: VN071400.D
Acq: 19 Mar 2022 16:07

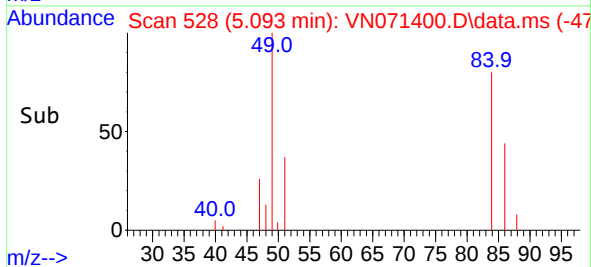
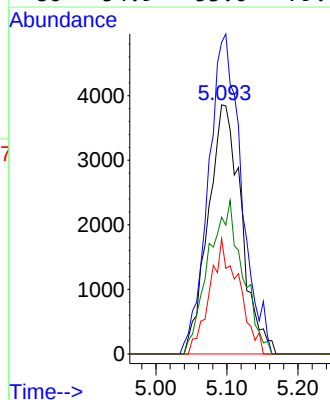
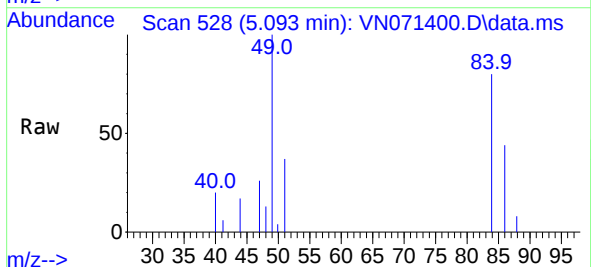
Instrument :
MSVOA_N
ClientSampleId :
C-6-5-6

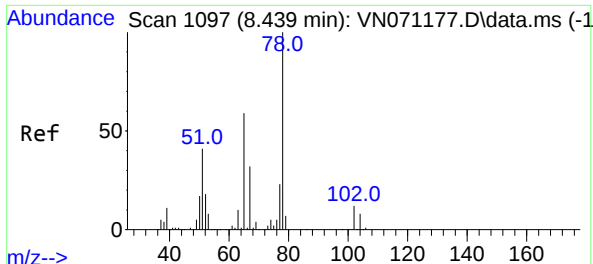
Tgt Ion: 43 Resp: 19566
Ion Ratio Lower Upper
43 100
74 19.1 19.4 29.2#



#20
Methylene Chloride
Concen: 1.771 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071400.D
Acq: 19 Mar 2022 16:07

Tgt Ion: 84 Resp: 12492
Ion Ratio Lower Upper
84 100
49 125.1 93.5 140.3
51 46.2 29.4 44.2#
86 54.9 53.0 79.4

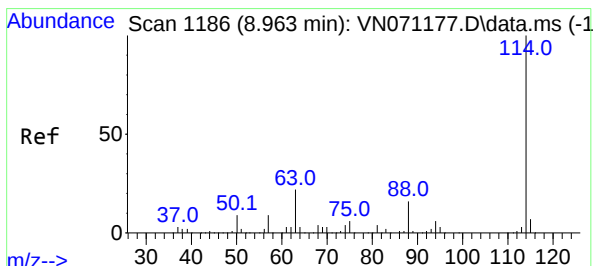
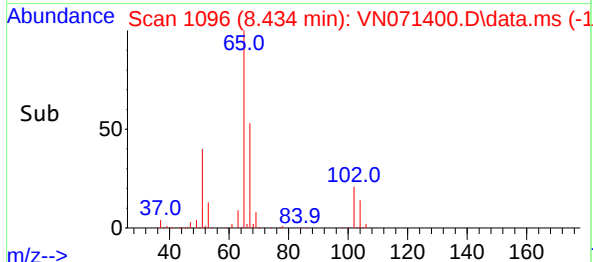
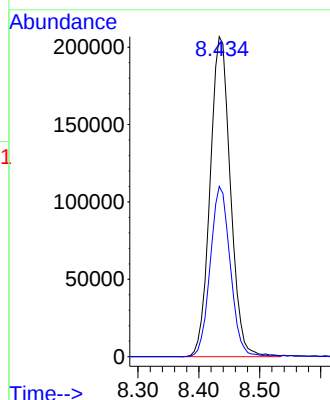
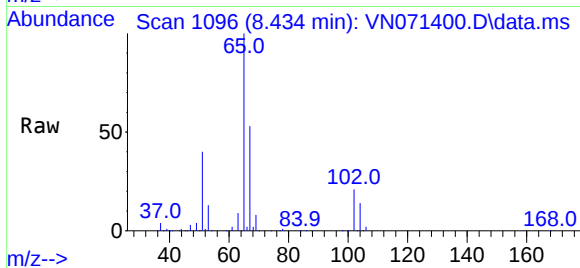




#33
1,2-Dichloroethane-d4
Concen: 47.870 ug/l
RT: 8.434 min Scan# 1097
Delta R.T. -0.006 min
Lab File: VN071400.D
Acq: 19 Mar 2022 16:07

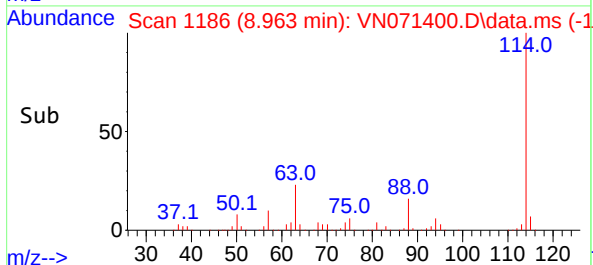
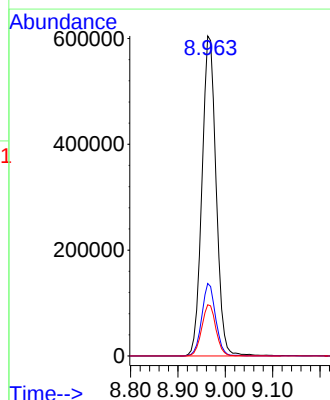
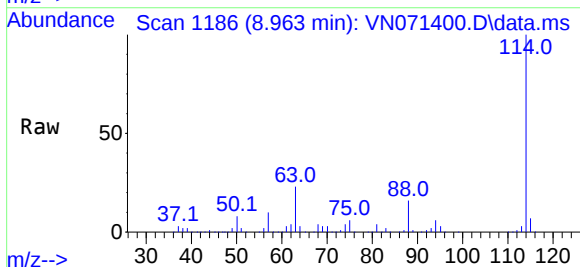
Instrument :
MSVOA_N
ClientSampleId :
C-6-5-6

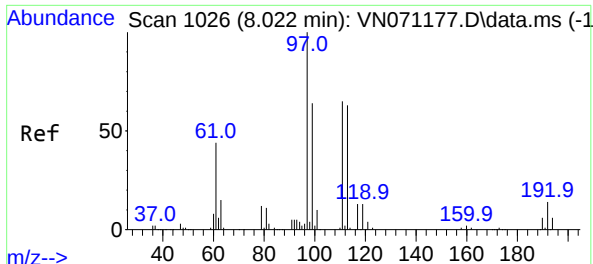
Tgt Ion: 65 Resp: 480442
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071400.D
Acq: 19 Mar 2022 16:07

Tgt Ion: 114 Resp: 1254174
Ion Ratio Lower Upper
114 100
63 22.6 0.0 37.8
88 16.0 0.0 27.4





#35

Dibromofluoromethane

Concen: 46.328 ug/l

RT: 8.022 min Scan# 110

Delta R.T. 0.000 min

Lab File: VN071400.D

Acq: 19 Mar 2022 16:07

Instrument :

MSVOA_N

ClientSampleId :

C-6-5-6

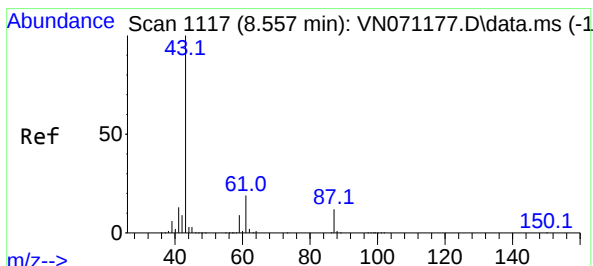
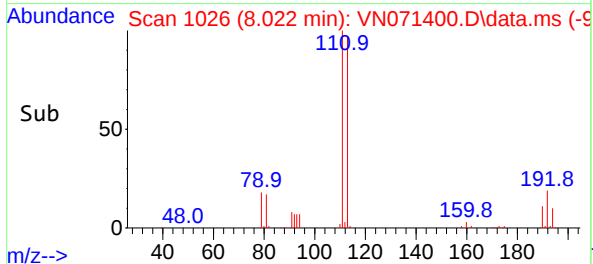
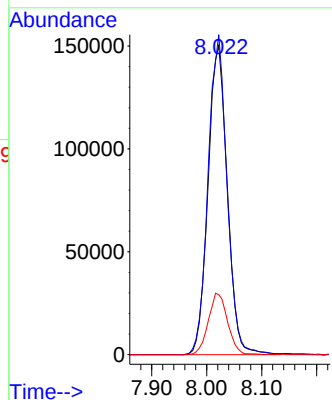
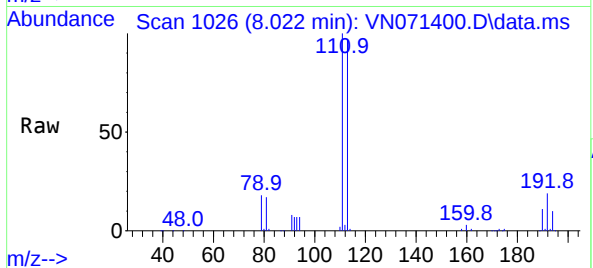
Tgt Ion:113 Resp: 366654

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.2

192 19.9 16.9 25.3



#43

Isopropyl Acetate

Concen: 3.384 ug/l

RT: 8.563 min Scan# 1118

Delta R.T. 0.006 min

Lab File: VN071400.D

Acq: 19 Mar 2022 16:07

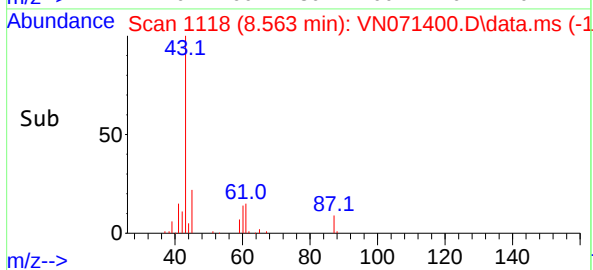
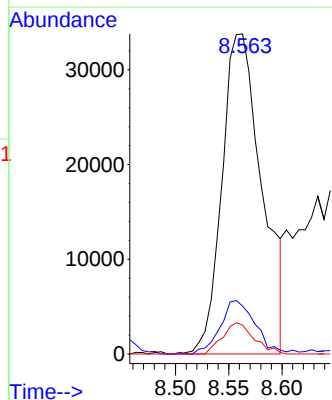
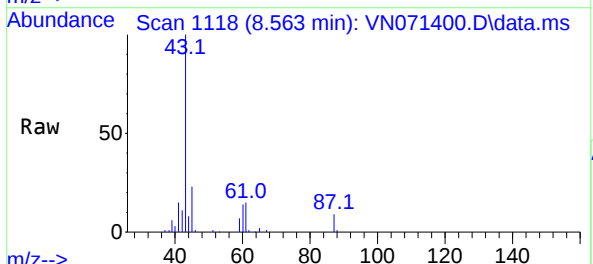
Tgt Ion: 43 Resp: 88310

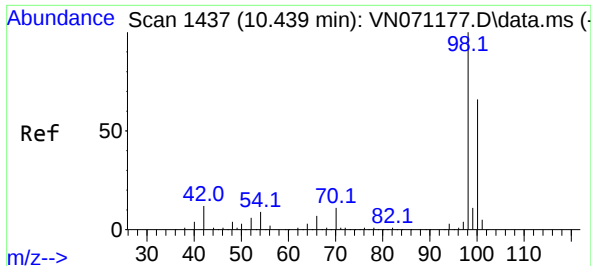
Ion Ratio Lower Upper

43 100

61 14.8 20.4 30.6#

87 7.7 11.2 16.8#

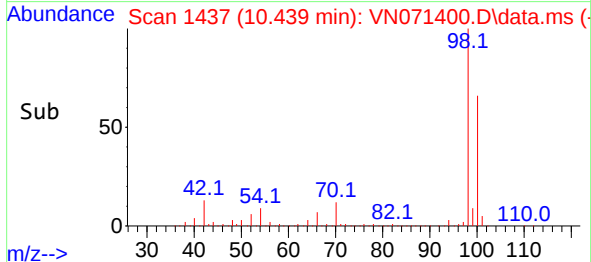
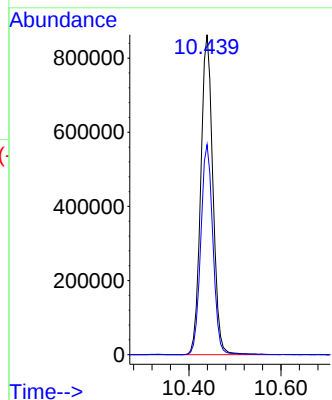
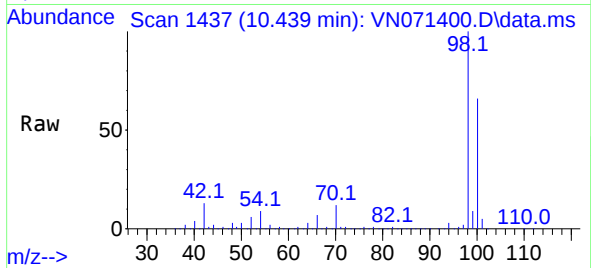




#50
Toluene-d8
Concen: 49.530 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071400.D
Acq: 19 Mar 2022 16:07

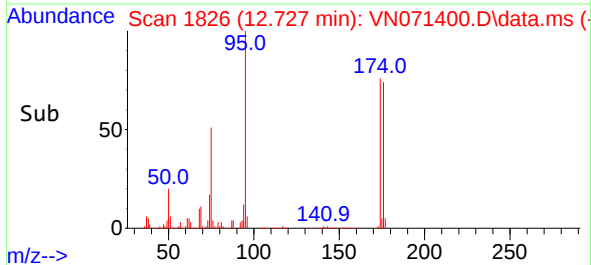
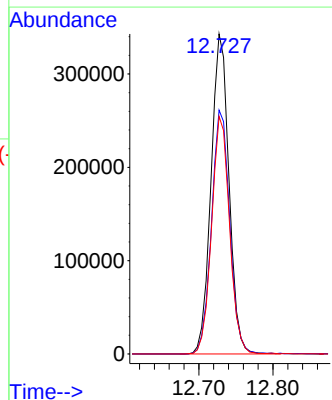
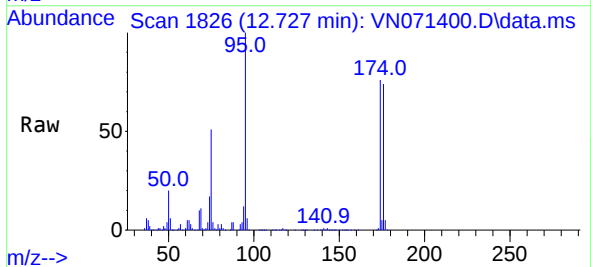
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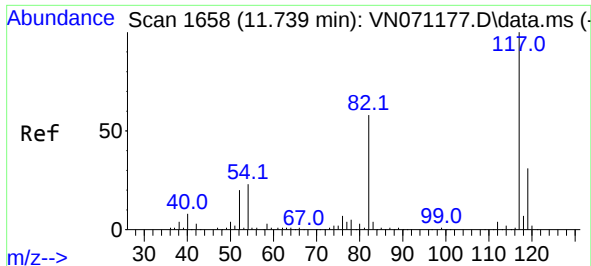
Tgt Ion: 98 Resp: 1578270
Ion Ratio Lower Upper
98 100
100 65.7 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 53.259 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071400.D
Acq: 19 Mar 2022 16:07

Tgt Ion: 95 Resp: 574679
Ion Ratio Lower Upper
95 100
174 77.8 0.0 187.2
176 74.1 0.0 181.4

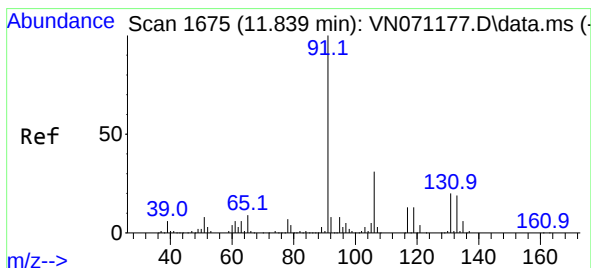
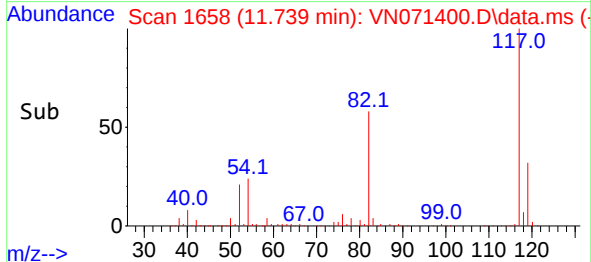
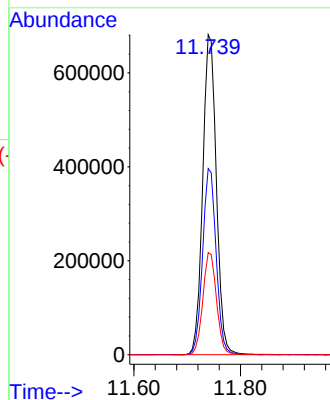
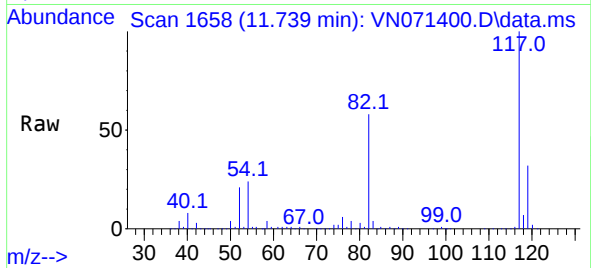




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071400.D
Acq: 19 Mar 2022 16:07

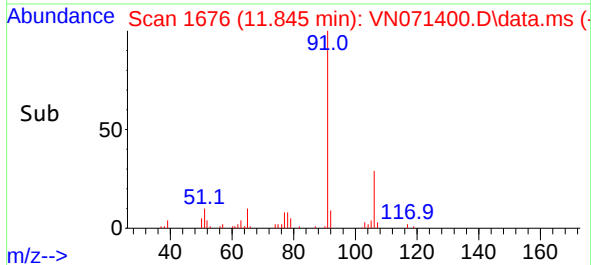
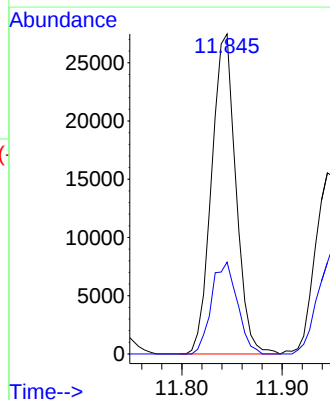
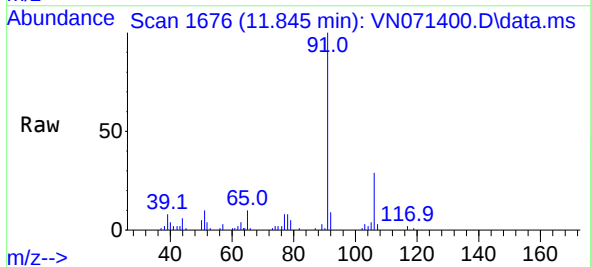
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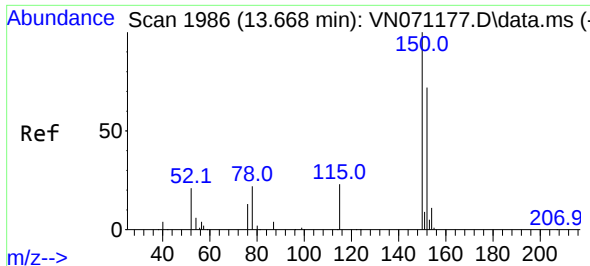
Tgt Ion:117 Resp: 1210810
Ion Ratio Lower Upper
117 100
82 58.2 42.4 63.6
119 31.9 25.4 38.2



#67
Ethyl Benzene
Concen: 1.005 ug/l
RT: 11.845 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VN071400.D
Acq: 19 Mar 2022 16:07

Tgt Ion: 91 Resp: 46227
Ion Ratio Lower Upper
91 100
106 28.7 25.7 38.5

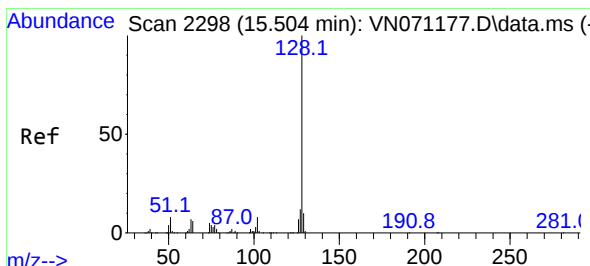
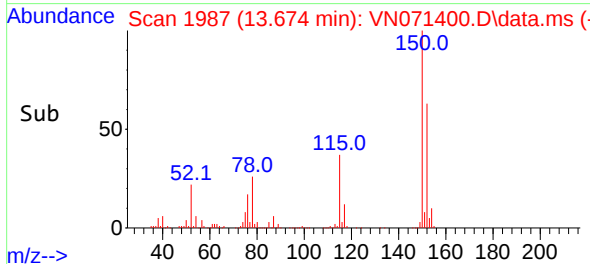
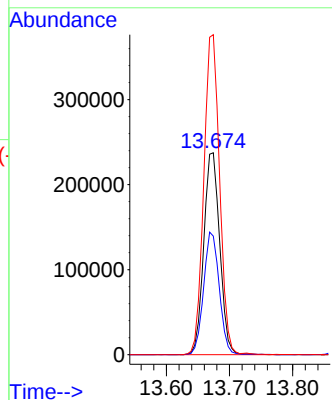
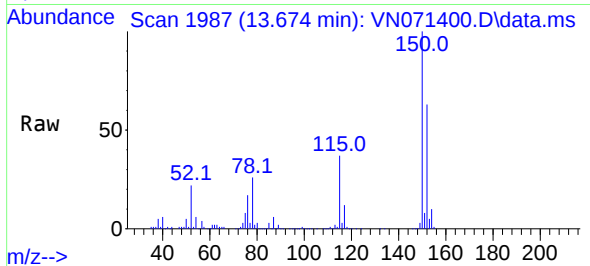




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071400.D
Acq: 19 Mar 2022 16:07

Instrument :
MSVOA_N
ClientSampleId :
C-6-5-6

Tgt Ion:152 Resp: 416082
Ion Ratio Lower Upper
152 100
115 59.6 27.5 82.5
150 157.1 0.0 344.4



#95
Naphthalene
Concen: 6.746 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071400.D
Acq: 19 Mar 2022 16:07

Tgt Ion:128 Resp: 35633
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 12.1 8.7 13.1

