

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031922\
 Data File : VN071410.D
 Acq On : 19 Mar 2022 20:08
 Operator : JC\MD
 Sample : N1962-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-18-17-18

Quant Time: Mar 21 05:55:10 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)

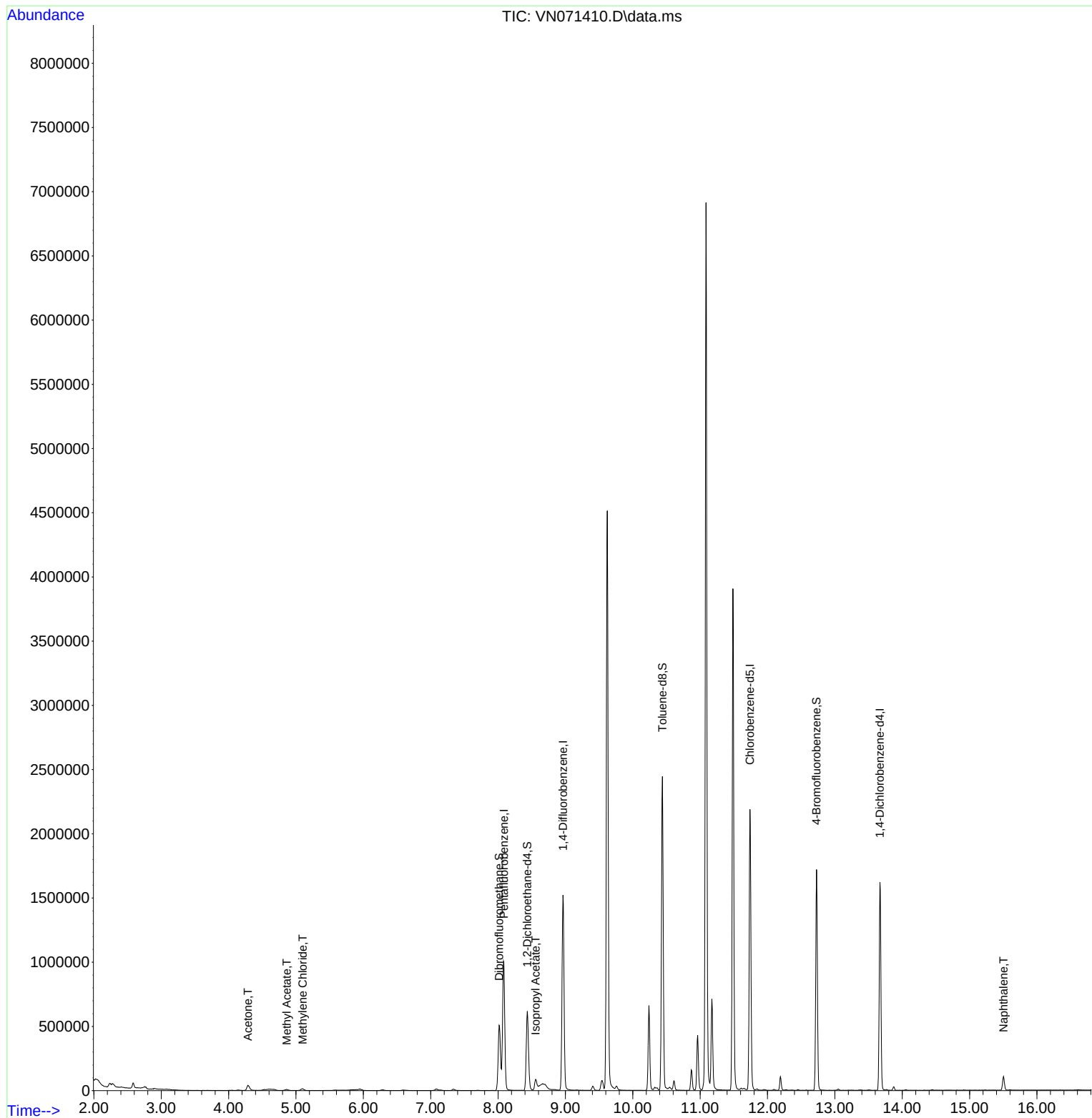
Internal Standards						
1) Pentafluorobenzene	8.087	168	773759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1322053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1253408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	448134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	500568	47.203	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.400%
35) Dibromofluoromethane	8.016	113	380152	45.567	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.140%
50) Toluene-d8	10.439	98	1648679	49.083	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.160%
62) 4-Bromofluorobenzene	12.727	95	591041	51.963	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.920%
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	71852	13.925	ug/l	98
18) Methyl Acetate	4.863	43	19508	1.865	ug/l #	90
20) Methylene Chloride	5.099	84	11287	1.570	ug/l	87
43) Isopropyl Acetate	8.557	43	101917	3.705	ug/l #	83
95) Naphthalene	15.504	128	98197	9.363	ug/l	99

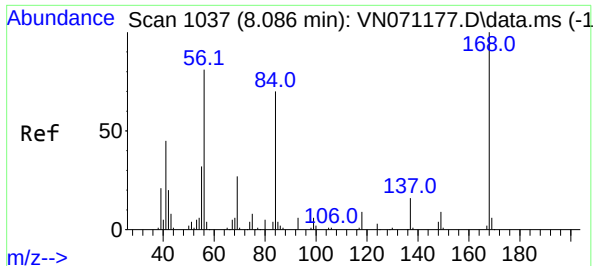
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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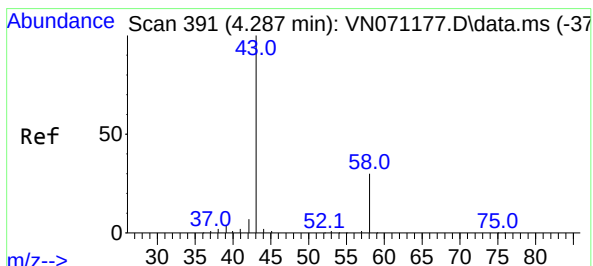
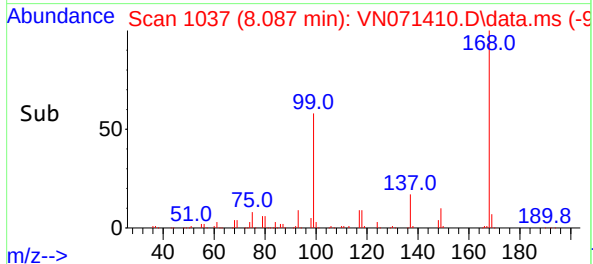
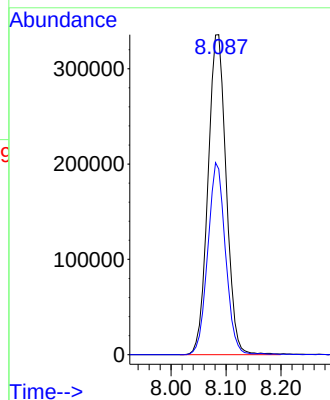
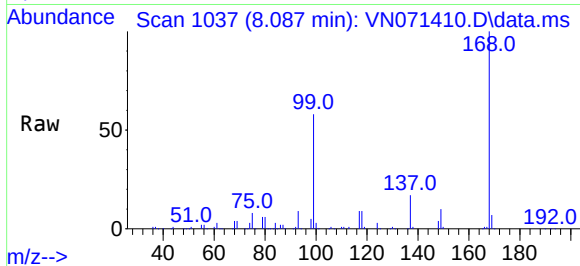




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VN071410.D
Acq: 19 Mar 2022 20:08

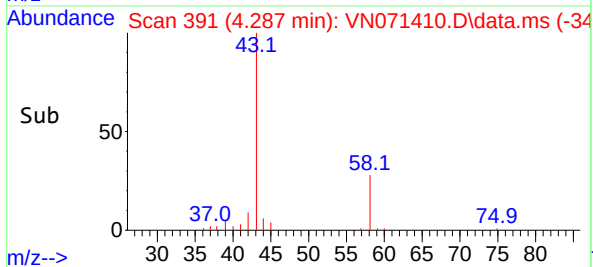
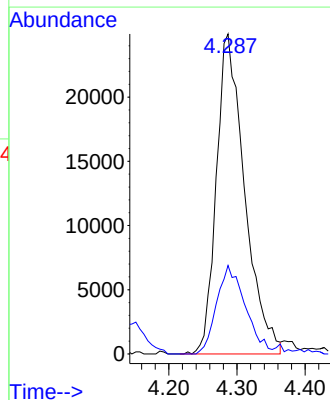
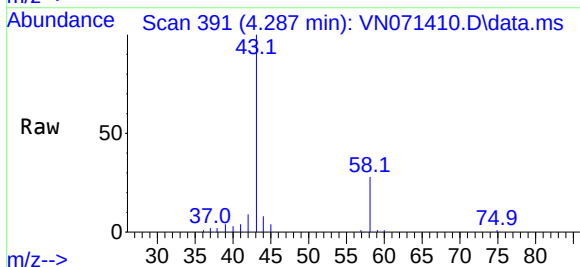
Instrument :
MSVOA_N
ClientSampleId :
C-18-17-18

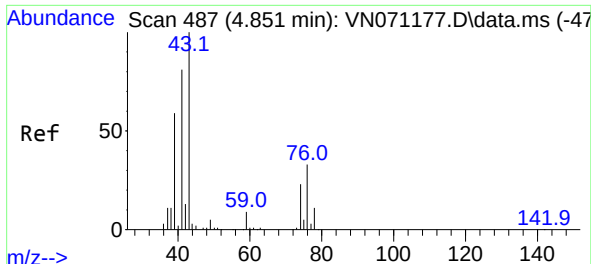
Tgt Ion:168 Resp: 773759
Ion Ratio Lower Upper
168 100
99 58.0 41.3 61.9



#16
Acetone
Concen: 13.925 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN071410.D
Acq: 19 Mar 2022 20:08

Tgt Ion: 43 Resp: 71852
Ion Ratio Lower Upper
43 100
58 27.7 23.1 34.7

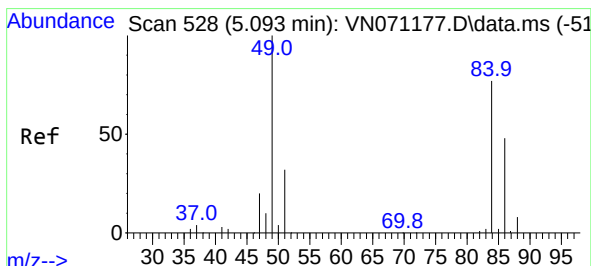
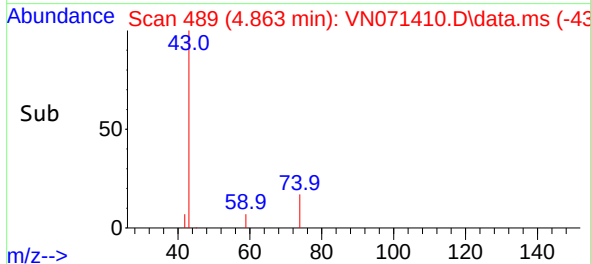
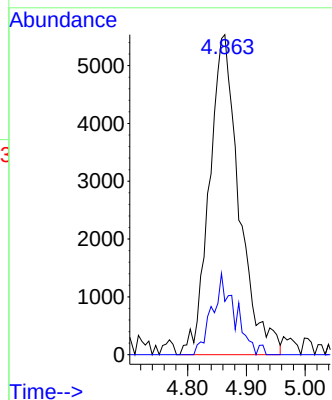
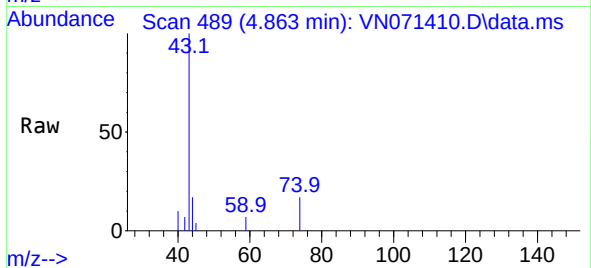




#18
Methyl Acetate
Concen: 1.865 ug/l
RT: 4.863 min Scan# 489
Delta R.T. 0.012 min
Lab File: VN071410.D
Acq: 19 Mar 2022 20:08

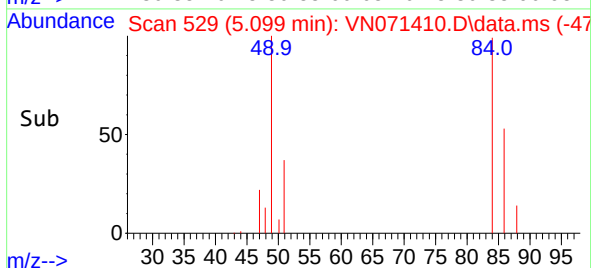
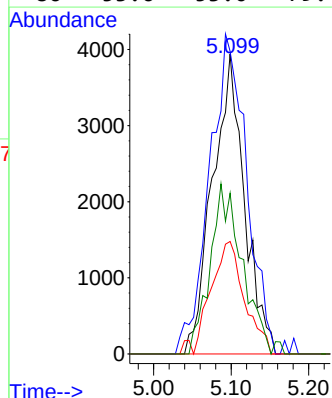
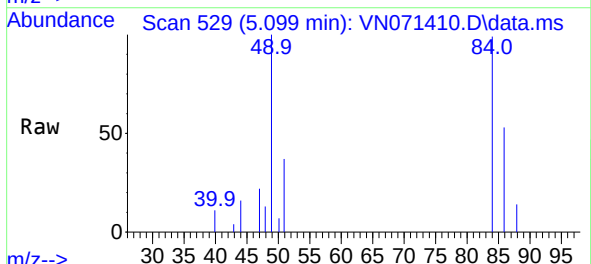
Instrument :
MSVOA_N
ClientSampleId :
C-18-17-18

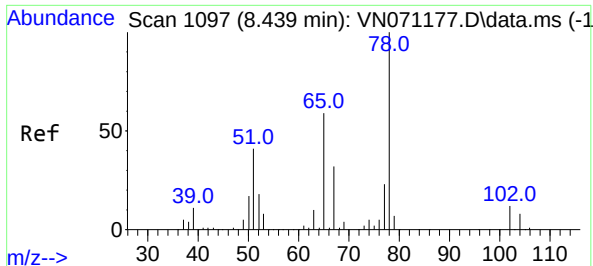
Tgt Ion: 43 Resp: 19508
Ion Ratio Lower Upper
43 100
74 19.1 19.4 29.2#



#20
Methylene Chloride
Concen: 1.570 ug/l
RT: 5.099 min Scan# 529
Delta R.T. 0.006 min
Lab File: VN071410.D
Acq: 19 Mar 2022 20:08

Tgt Ion: 84 Resp: 11287
Ion Ratio Lower Upper
84 100
49 100.8 93.5 140.3
51 37.5 29.4 44.2
86 53.6 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 47.203 ug/l

RT: 8.434 min Scan# 1097

Delta R.T. -0.006 min

Lab File: VN071410.D

Acq: 19 Mar 2022 20:08

Instrument :

MSVOA_N

ClientSampleId :

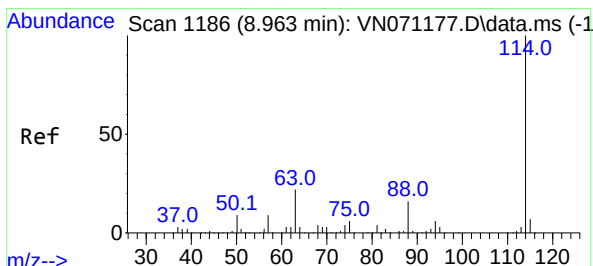
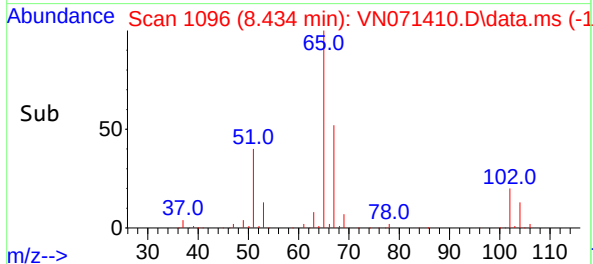
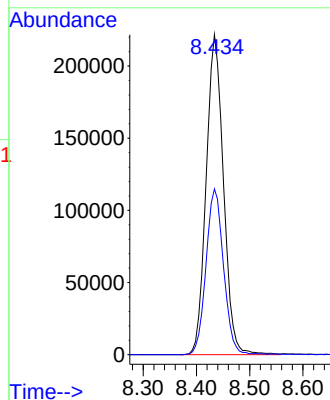
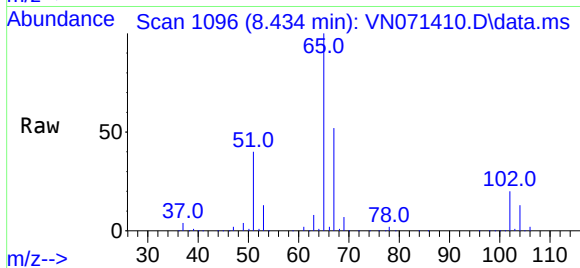
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Tgt Ion: 65 Resp: 500568

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: VN071410.D

Acq: 19 Mar 2022 20:08

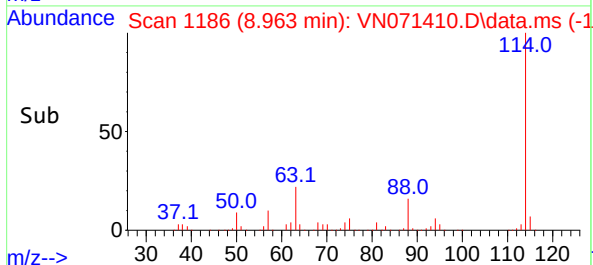
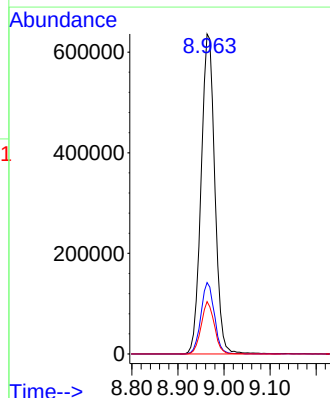
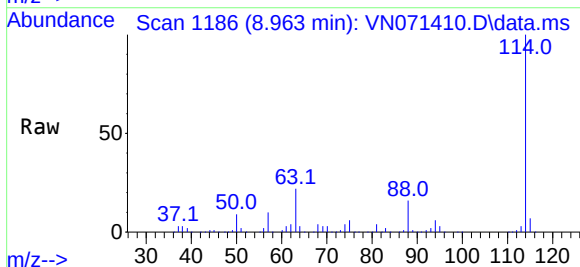
Tgt Ion: 114 Resp: 1322053

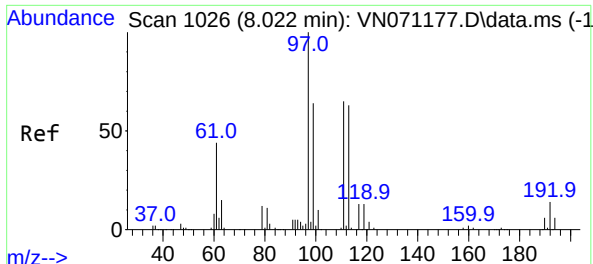
Ion Ratio Lower Upper

114 100

63 22.3 0.0 37.8

88 16.3 0.0 27.4

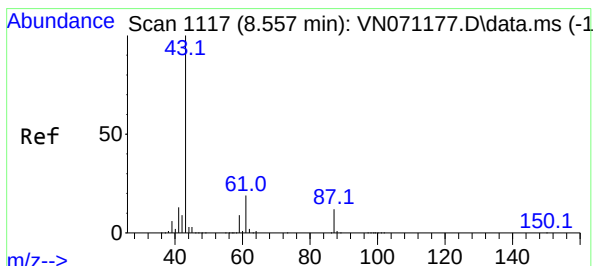
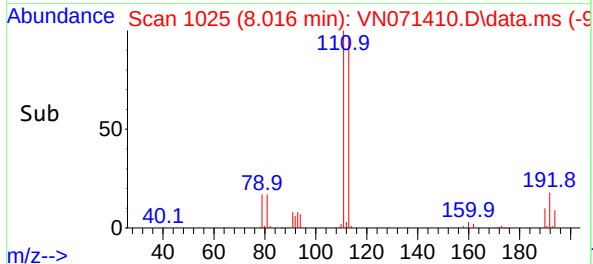
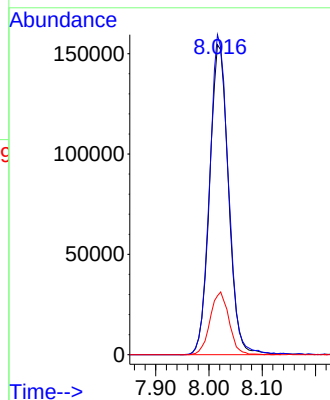
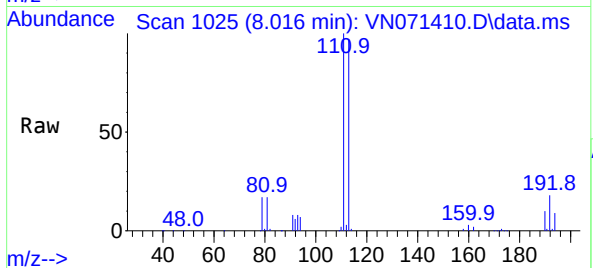




#35
Dibromofluoromethane
Concen: 45.567 ug/l
RT: 8.016 min Scan# 110
Delta R.T. -0.006 min
Lab File: VN071410.D
Acq: 19 Mar 2022 20:08

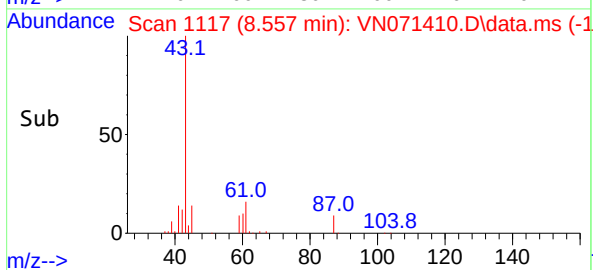
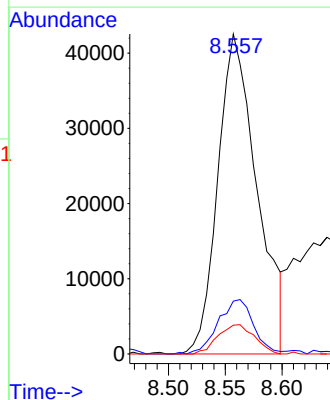
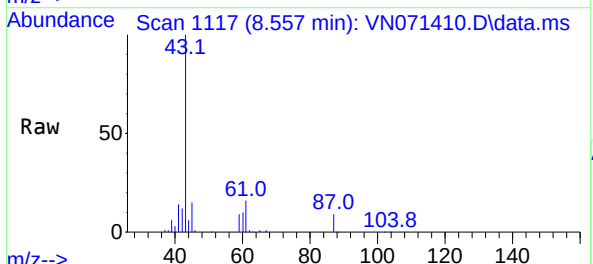
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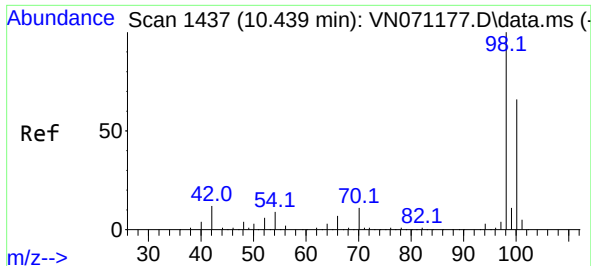
Tgt Ion:113 Resp: 380152
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 20.2 16.9 25.3



#43
Isopropyl Acetate
Concen: 3.705 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071410.D
Acq: 19 Mar 2022 20:08

Tgt Ion: 43 Resp: 101917
Ion Ratio Lower Upper
43 100
61 15.8 20.4 30.6#
87 8.5 11.2 16.8#

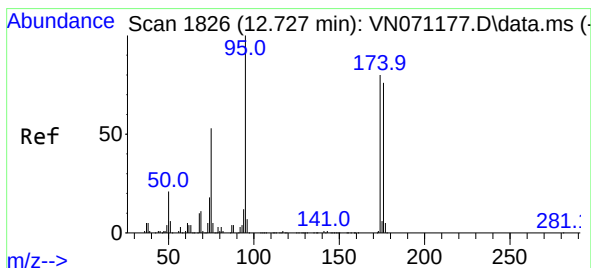
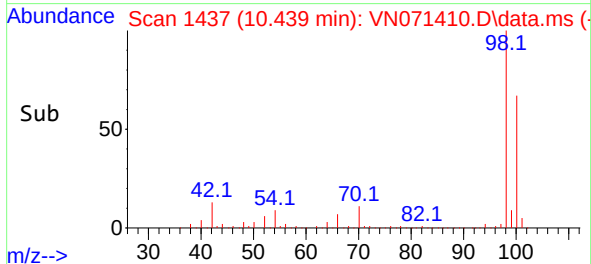
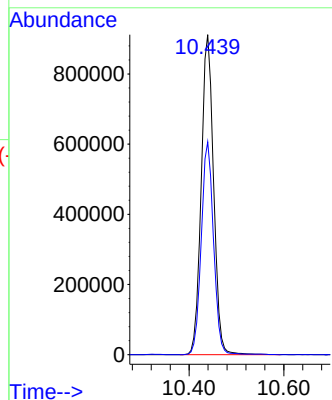
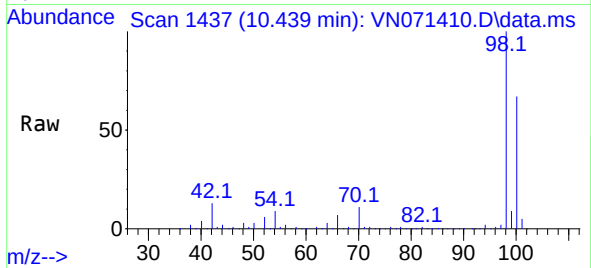




#50
Toluene-d8
Concen: 49.083 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071410.D
Acq: 19 Mar 2022 20:08

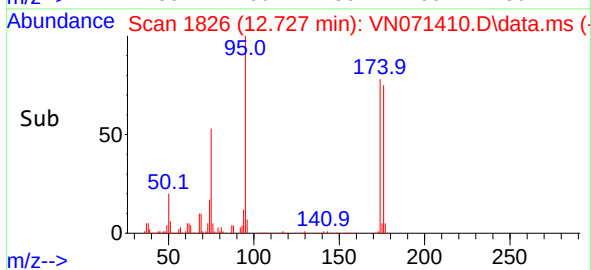
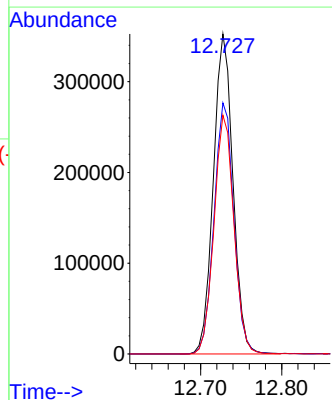
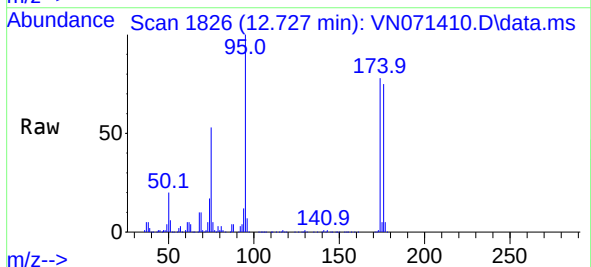
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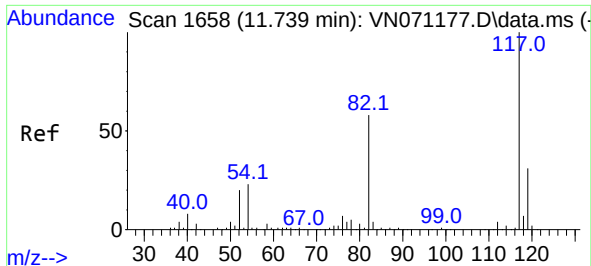
Tgt Ion: 98 Resp: 1648679
Ion Ratio Lower Upper
98 100
100 66.0 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 51.963 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071410.D
Acq: 19 Mar 2022 20:08

Tgt Ion: 95 Resp: 591041
Ion Ratio Lower Upper
95 100
174 79.5 0.0 187.2
176 76.0 0.0 181.4

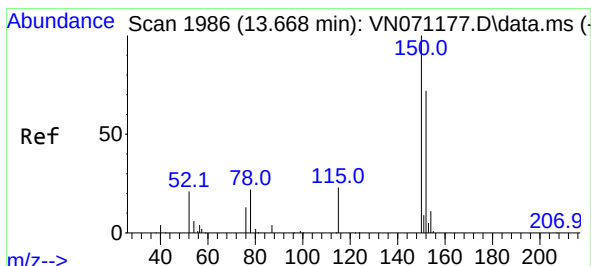
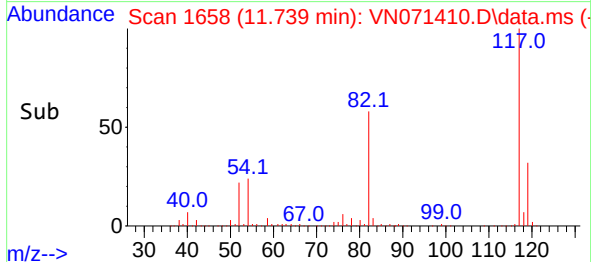
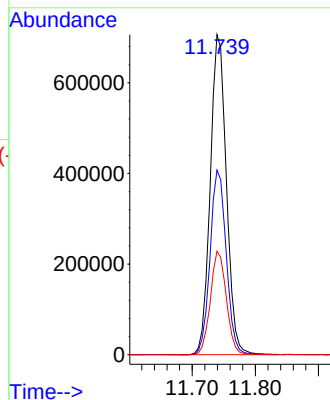
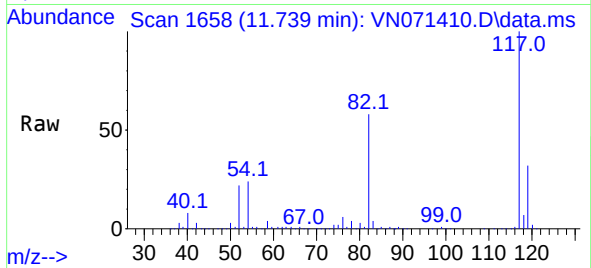




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071410.D
Acq: 19 Mar 2022 20:08

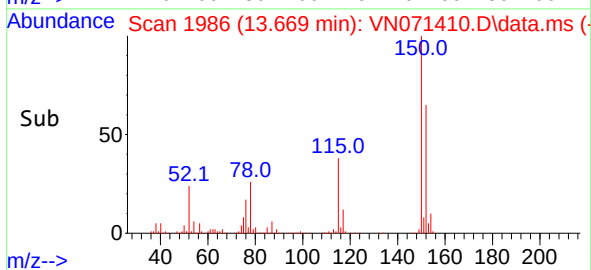
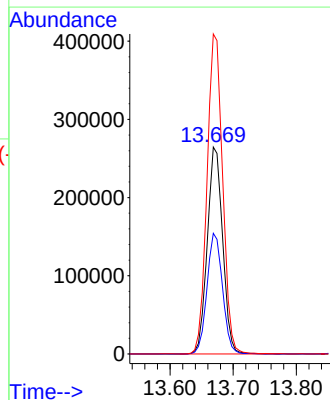
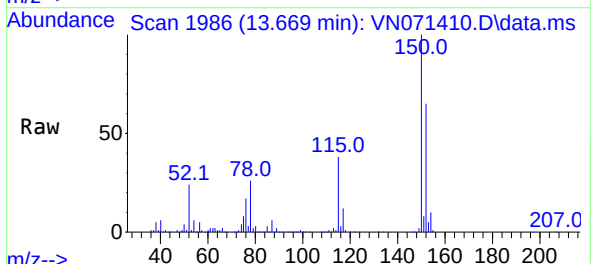
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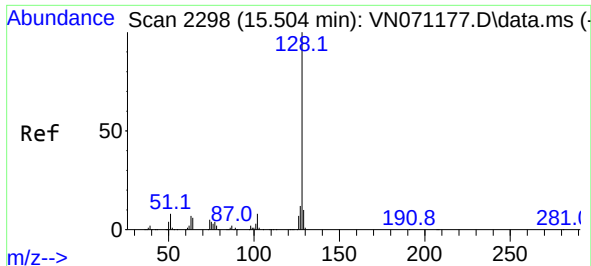
Tgt Ion:117 Resp: 1253408
Ion Ratio Lower Upper
117 100
82 57.7 42.4 63.6
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN071410.D
Acq: 19 Mar 2022 20:08

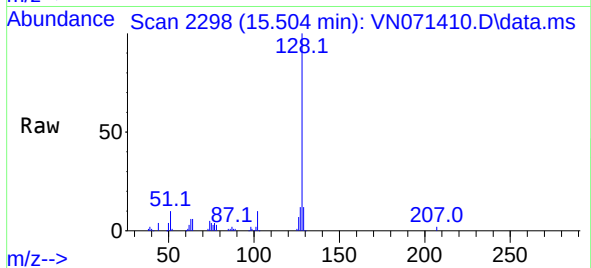
Tgt Ion:152 Resp: 448134
Ion Ratio Lower Upper
152 100
115 58.9 27.5 82.5
150 156.7 0.0 344.4





#95
Naphthalene
Concen: 9.363 ug/l
RT: 15.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071410.D
Acq: 19 Mar 2022 20:08

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:128 Resp: 98197
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.5 8.7 13.1

