

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031922\
 Data File : VN071412.D
 Acq On : 19 Mar 2022 20:57
 Operator : JC\MD
 Sample : N1962-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-23-25-28

Quant Time: Mar 21 05:55:41 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)

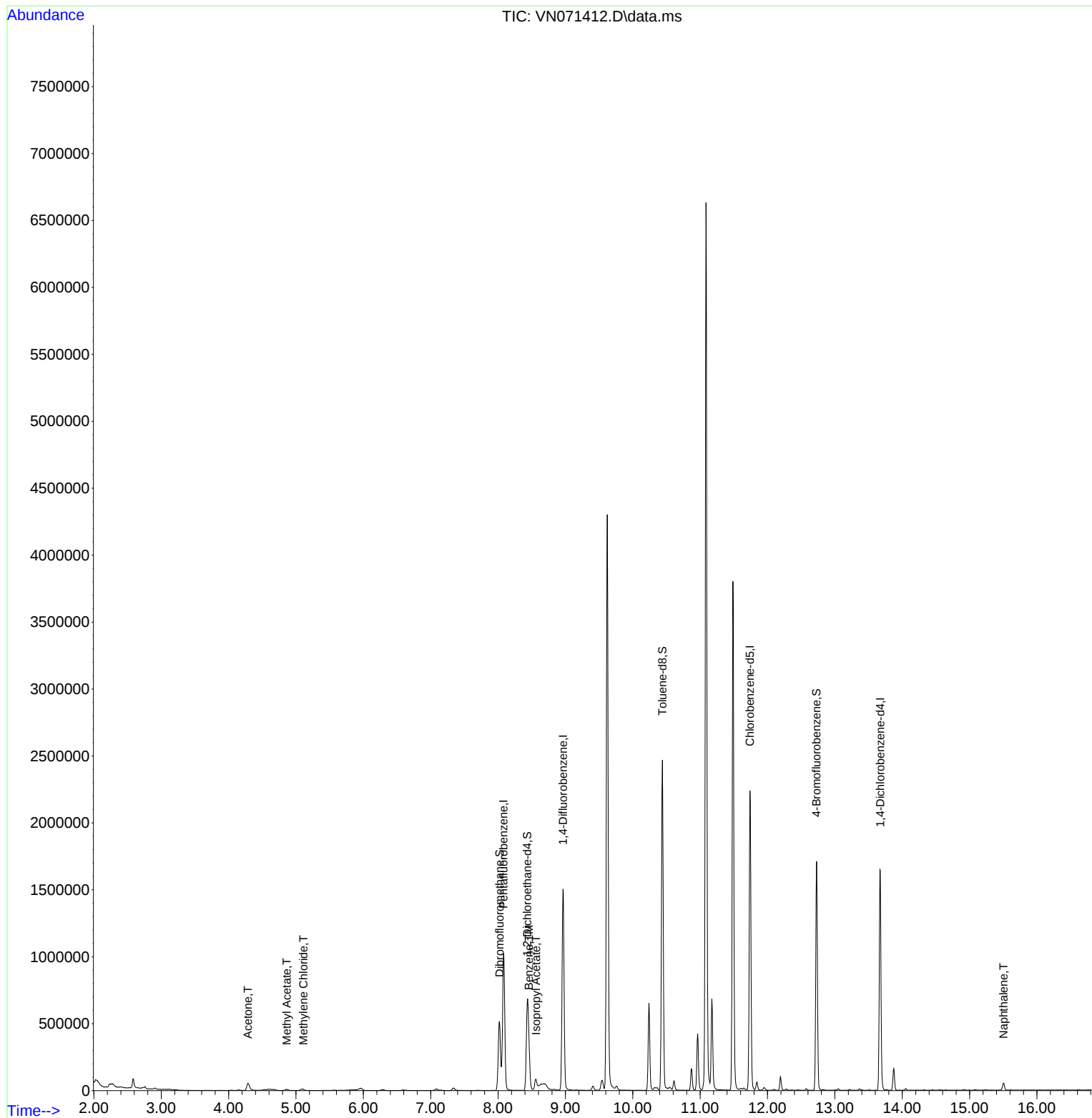
Internal Standards						
1) Pentafluorobenzene	8.081	168	781020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1314589	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1281186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	453859	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	508504	47.505	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.020%
35) Dibromofluoromethane	8.022	113	383313	46.207	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.420%
50) Toluene-d8	10.439	98	1671476	50.044	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.080%
62) 4-Bromofluorobenzene	12.727	95	599353	52.993	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.980%
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	101953	19.575	ug/l	100
18) Methyl Acetate	4.863	43	19748	1.869	ug/l	91
20) Methylene Chloride	5.110	84	9426	1.364	ug/l	94
40) Benzene	8.457	78	224521	5.607	ug/l	98
43) Isopropyl Acetate	8.563	43	102871	3.761	ug/l #	82
95) Naphthalene	15.504	128	51466	7.290	ug/l	99

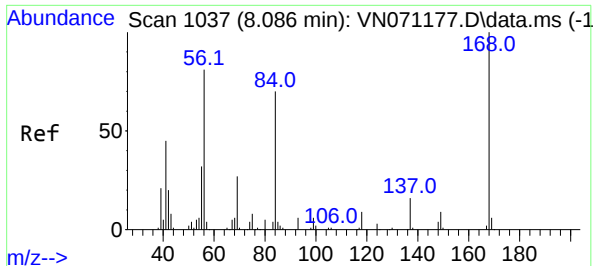
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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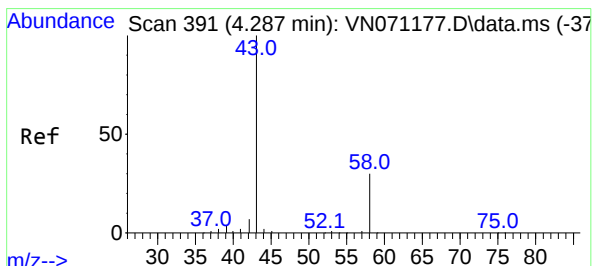
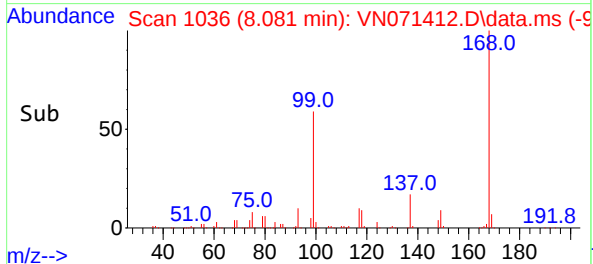
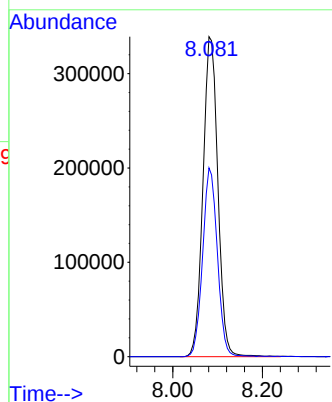
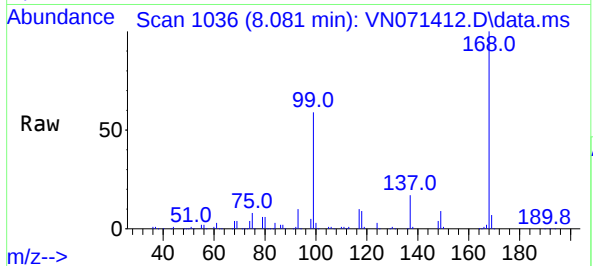




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071412.D
Acq: 19 Mar 2022 20:57

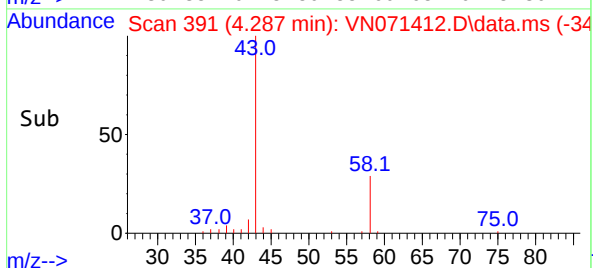
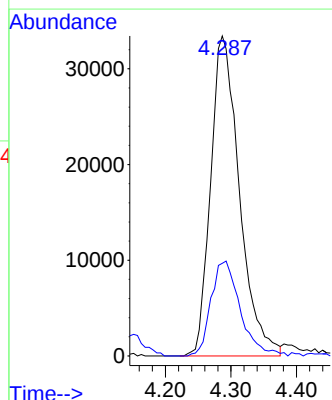
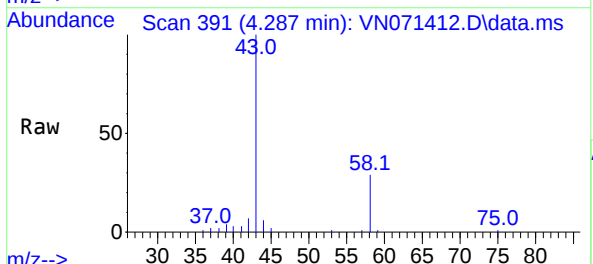
Instrument :
MSVOA_N
ClientSampleId :
C-23-25-28

Tgt Ion:168 Resp: 781020
Ion Ratio Lower Upper
168 100
99 59.0 41.3 61.9



#16
Acetone
Concen: 19.575 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN071412.D
Acq: 19 Mar 2022 20:57

Tgt Ion: 43 Resp: 101953
Ion Ratio Lower Upper
43 100
58 29.0 23.1 34.7

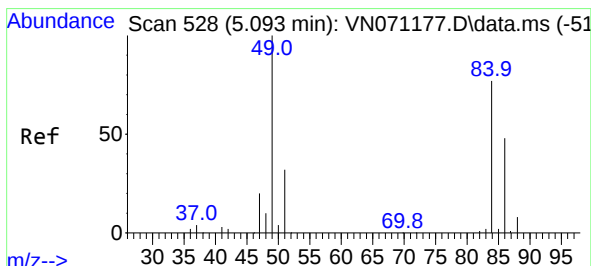
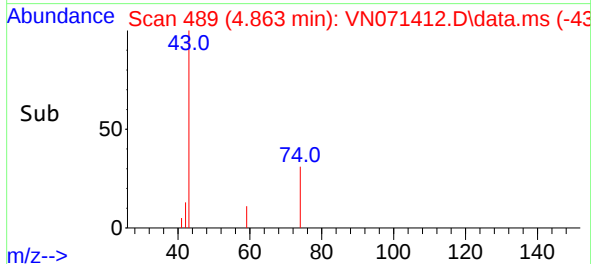
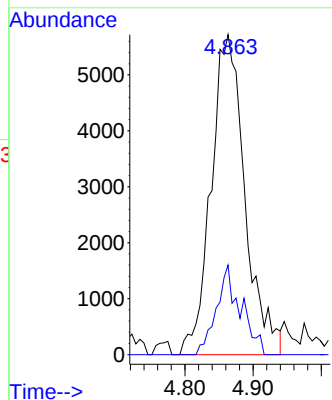
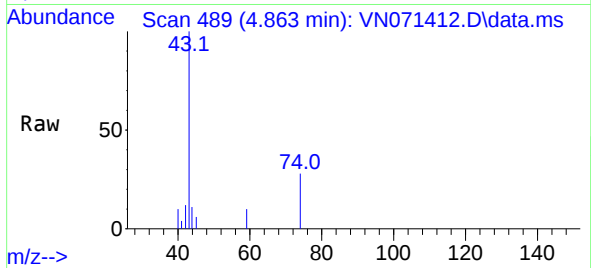




#18
Methyl Acetate
Concen: 1.869 ug/l
RT: 4.863 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN071412.D
Acq: 19 Mar 2022 20:57

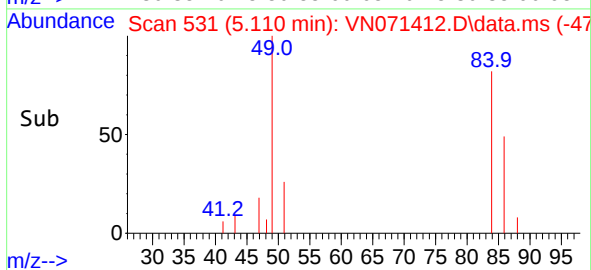
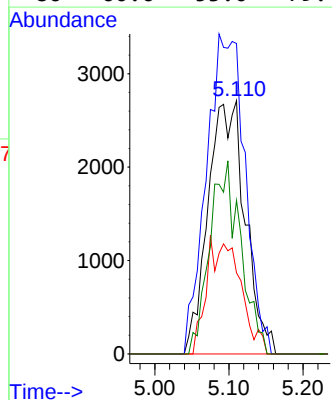
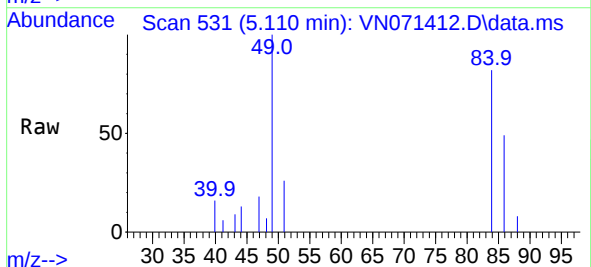
Instrument :
MSVOA_N
ClientSampleId :
C-23-25-28

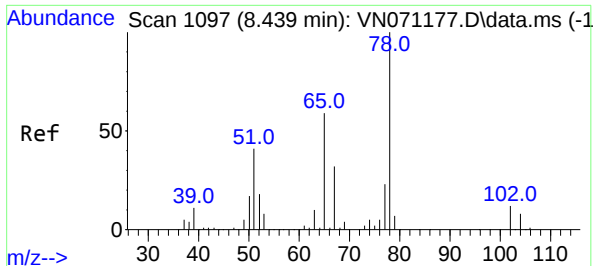
Tgt Ion: 43 Resp: 19748
Ion Ratio Lower Upper
43 100
74 20.1 19.4 29.2



#20
Methylene Chloride
Concen: 1.364 ug/l
RT: 5.110 min Scan# 531
Delta R.T. 0.017 min
Lab File: VN071412.D
Acq: 19 Mar 2022 20:57

Tgt Ion: 84 Resp: 9426
Ion Ratio Lower Upper
84 100
49 122.6 93.5 140.3
51 32.1 29.4 44.2
86 60.6 53.0 79.4

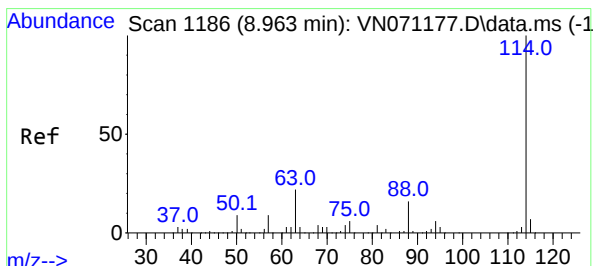
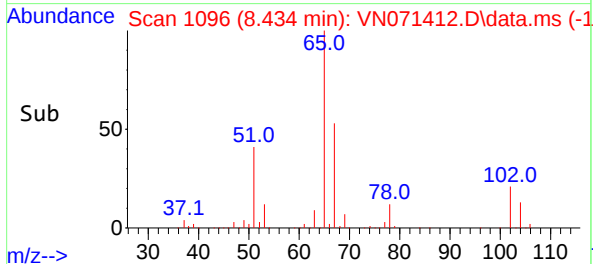
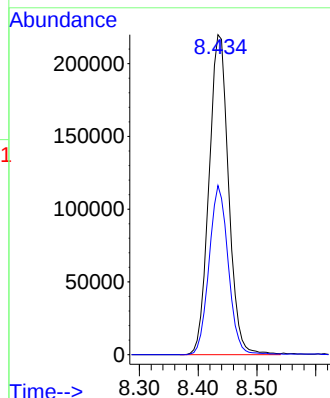
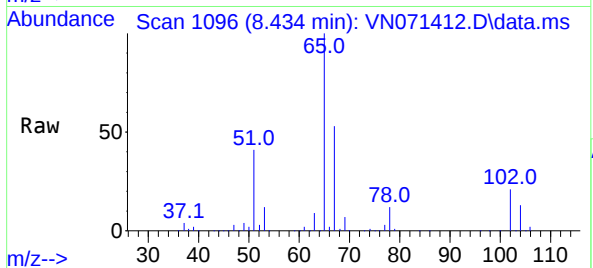




#33
1,2-Dichloroethane-d4
Concen: 47.505 ug/l
RT: 8.434 min Scan# 1097
Delta R.T. -0.006 min
Lab File: VN071412.D
Acq: 19 Mar 2022 20:57

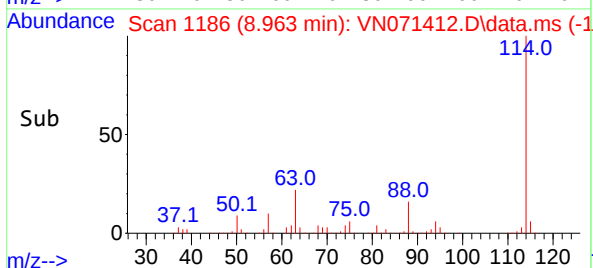
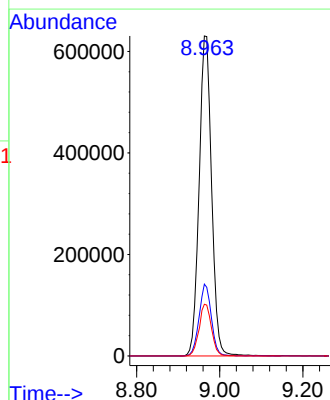
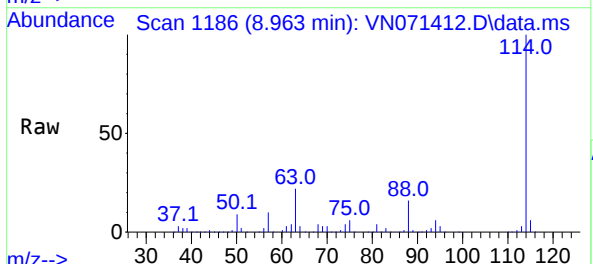
Instrument :
MSVOA_N
ClientSampleId :
C-23-25-28

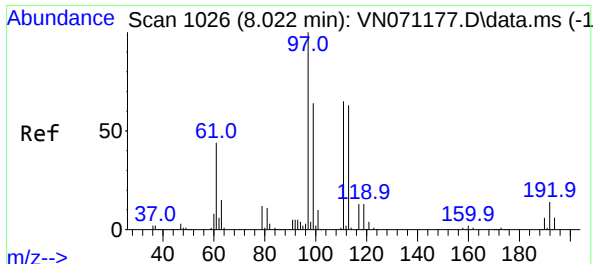
Tgt Ion: 65 Resp: 508504
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071412.D
Acq: 19 Mar 2022 20:57

Tgt Ion: 114 Resp: 1314589
Ion Ratio Lower Upper
114 100
63 22.5 0.0 37.8
88 16.1 0.0 27.4

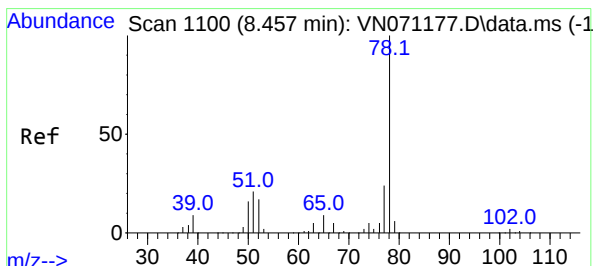
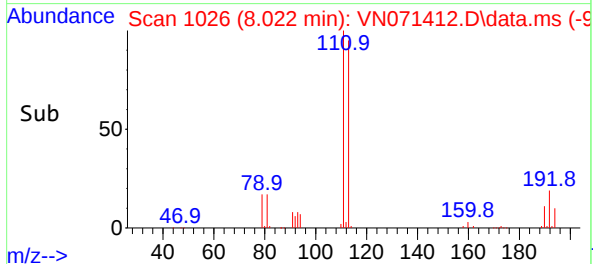
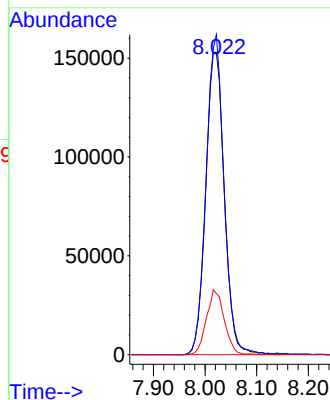
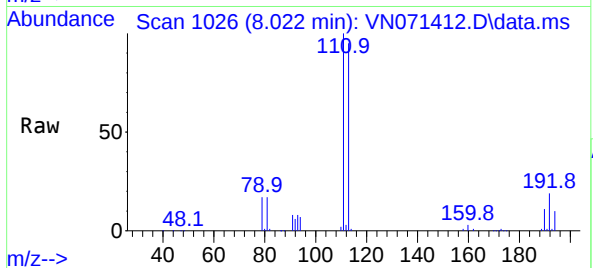




#35
Dibromofluoromethane
Concen: 46.207 ug/l
RT: 8.022 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071412.D
Acq: 19 Mar 2022 20:57

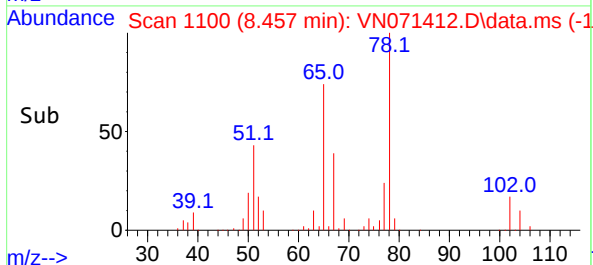
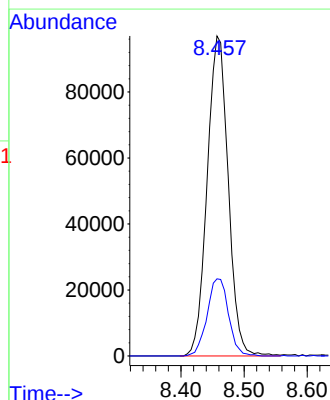
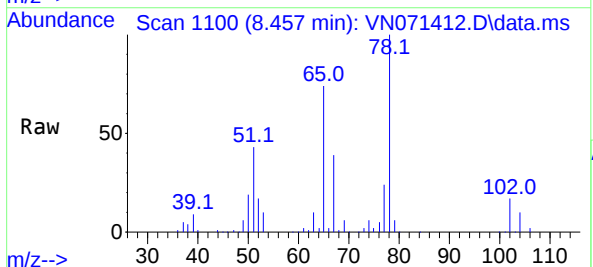
Instrument :
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ClientSampleId :
C-23-25-28

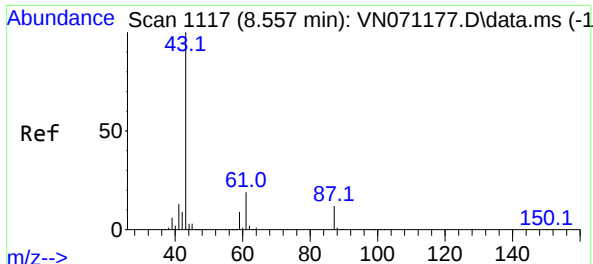
Tgt Ion:113 Resp: 383313
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 20.5 16.9 25.3



#40
Benzene
Concen: 5.607 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071412.D
Acq: 19 Mar 2022 20:57

Tgt Ion: 78 Resp: 224521
Ion Ratio Lower Upper
78 100
77 24.1 18.6 27.8





#43

Isopropyl Acetate

Concen: 3.761 ug/l

RT: 8.563 min Scan# 1117

Delta R.T. 0.006 min

Lab File: VN071412.D

Acq: 19 Mar 2022 20:57

Instrument :

MSVOA_N

ClientSampleId :

C-23-25-28

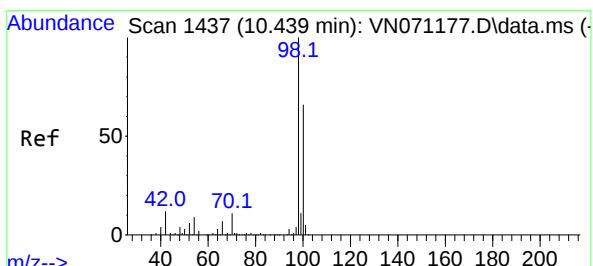
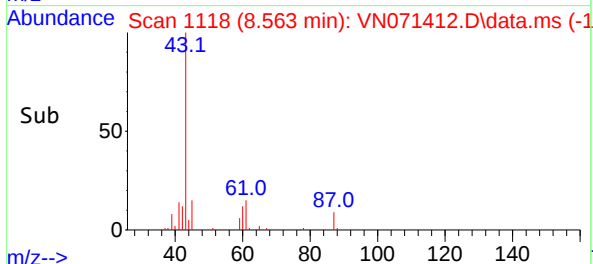
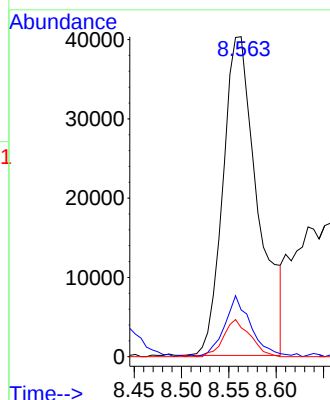
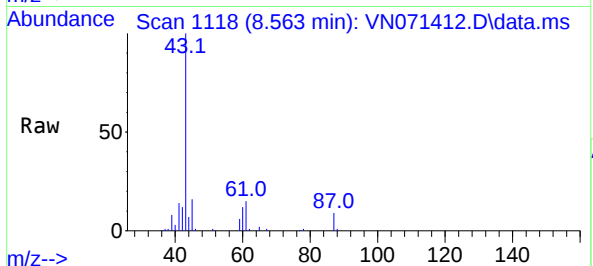
Tgt Ion: 43 Resp: 102871

Ion Ratio Lower Upper

43 100

61 14.7 20.4 30.6#

87 8.9 11.2 16.8#



#50

Toluene-d8

Concen: 50.044 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN071412.D

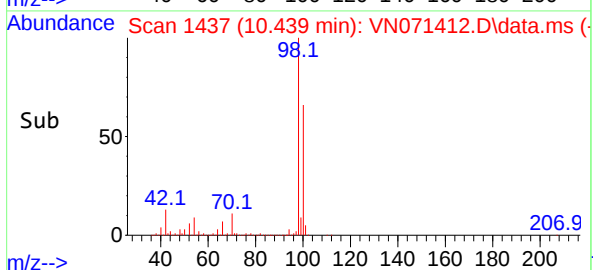
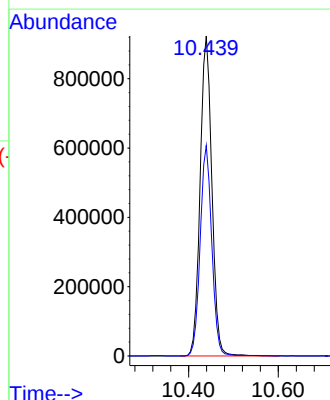
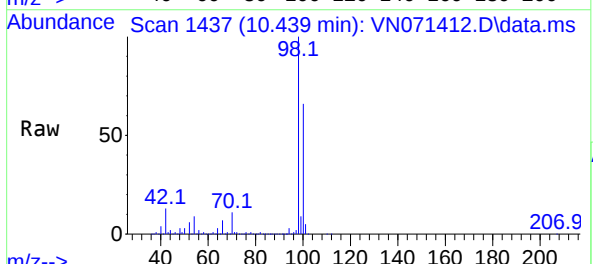
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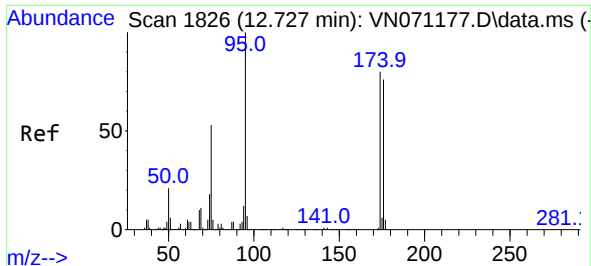
Tgt Ion: 98 Resp: 1671476

Ion Ratio Lower Upper

98 100

100 64.9 50.4 75.6

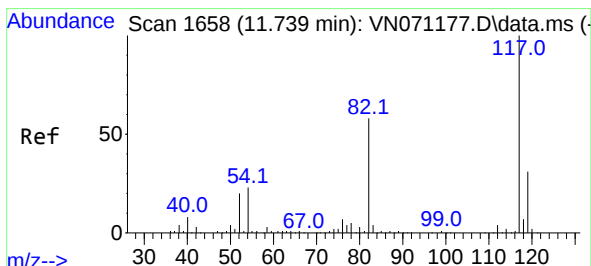
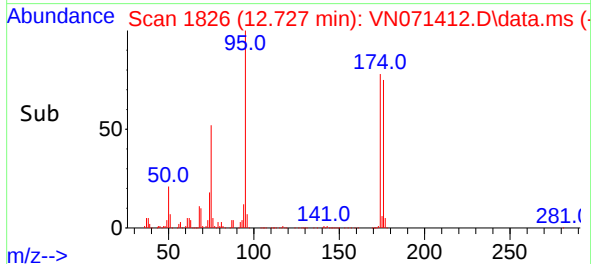
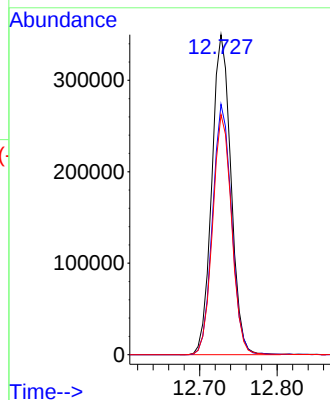
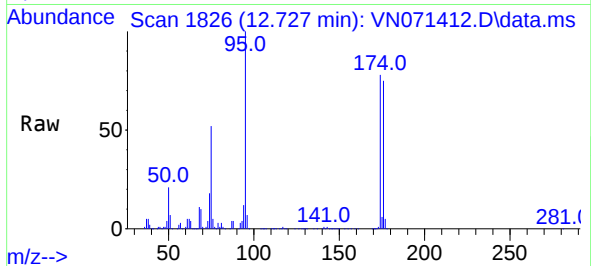




#62
4-Bromofluorobenzene
Concen: 52.993 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071412.D
Acq: 19 Mar 2022 20:57

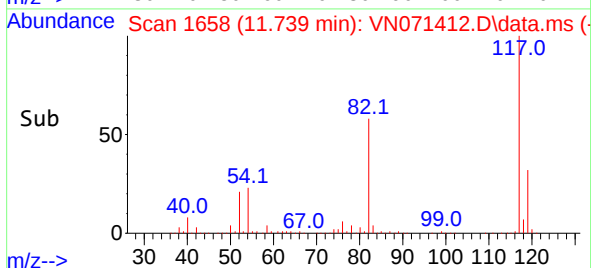
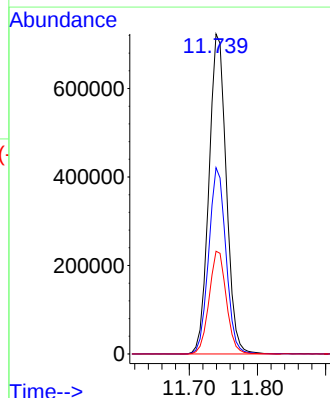
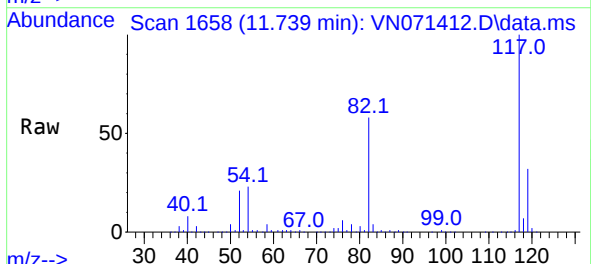
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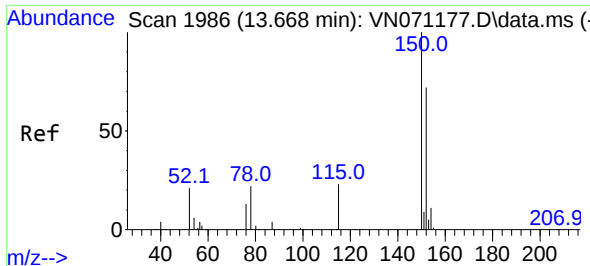
Tgt Ion: 95 Resp: 599353
Ion Ratio Lower Upper
95 100
174 77.8 0.0 187.2
176 74.4 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071412.D
Acq: 19 Mar 2022 20:57

Tgt Ion: 117 Resp: 1281186
Ion Ratio Lower Upper
117 100
82 58.2 42.4 63.6
119 32.1 25.4 38.2

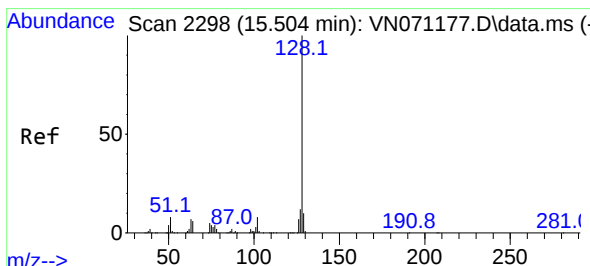
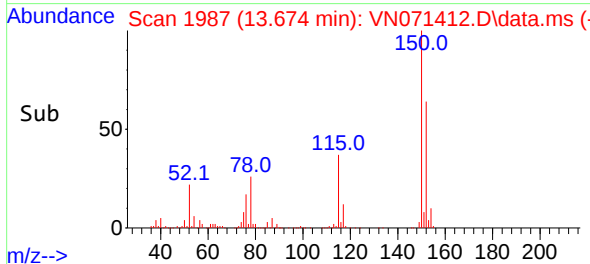
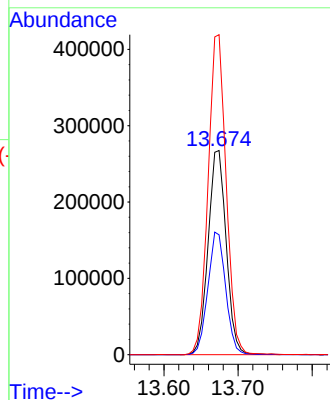
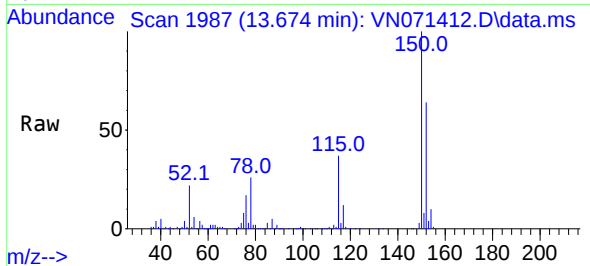




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071412.D
Acq: 19 Mar 2022 20:57

Instrument :
MSVOA_N
ClientSampleId :
C-23-25-28

Tgt Ion:152 Resp: 453859
Ion Ratio Lower Upper
152 100
115 59.2 27.5 82.5
150 156.4 0.0 344.4



#95
Naphthalene
Concen: 7.290 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071412.D
Acq: 19 Mar 2022 20:57

Tgt Ion:128 Resp: 51466
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 10.9 8.7 13.1

