

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
 Data File : VN071557.D
 Acq On : 25 Mar 2022 19:07
 Operator : JC\MD
 Sample : N2077-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-3-1

Quant Time: Mar 26 04:06:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:52:40 2022
 Response via : Initial Calibration

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

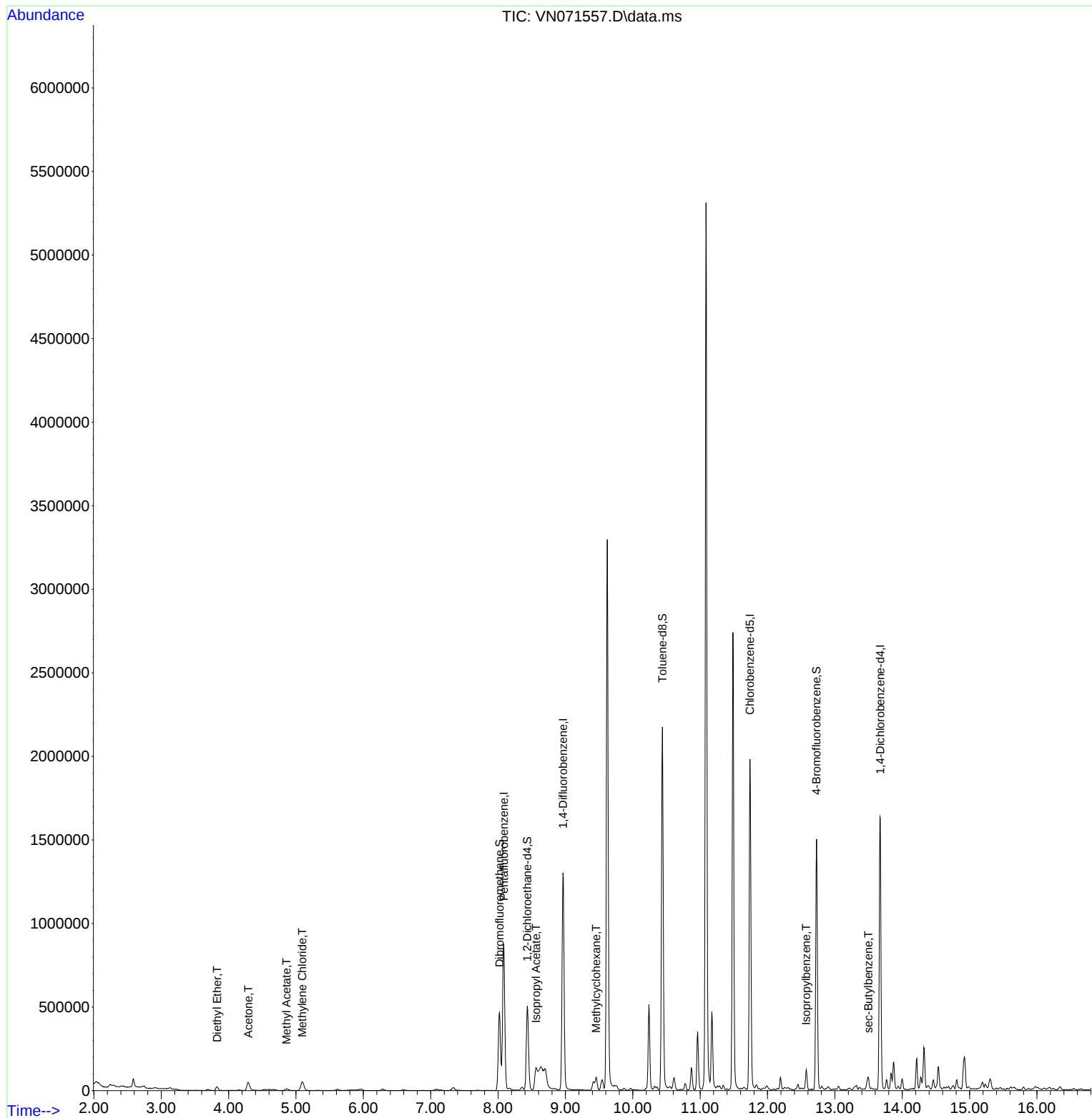
Internal Standards						
1) Pentafluorobenzene	8.086	168	707349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1220253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1205220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	483527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	420089	47.802	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.600%
35) Dibromofluoromethane	8.022	113	345561	45.060	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	90.120%
50) Toluene-d8	10.439	98	1518565	49.092	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.180%
62) 4-Bromofluorobenzene	12.727	95	527277	52.023	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.040%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.828	74	12836	2.680	ug/l	84
16) Acetone	4.293	43	94179	26.145	ug/l	100
18) Methyl Acetate	4.857	43	21217	1.029	ug/l	96
20) Methylene Chloride	5.093	84	42156	5.023	ug/l	96
39) Methylcyclohexane	9.457	83	35476	2.615	ug/l	100
43) Isopropyl Acetate	8.563	43	153052	7.598	ug/l #	71
73) Isopropylbenzene	12.574	105	78090	1.832	ug/l	99
85) sec-Butylbenzene	13.498	105	44675	1.110	ug/l #	73

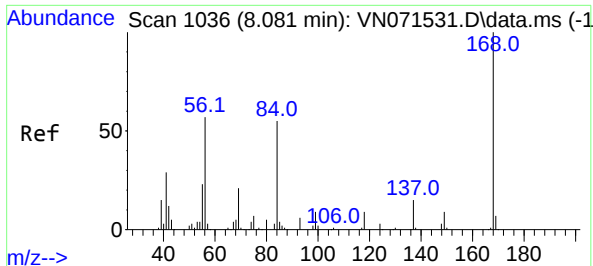
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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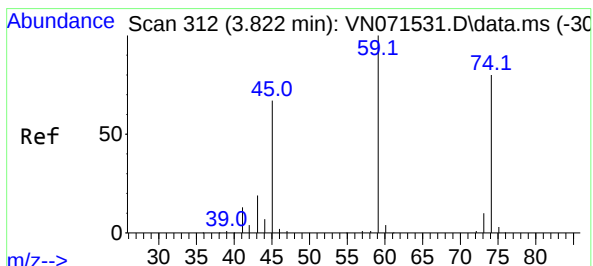
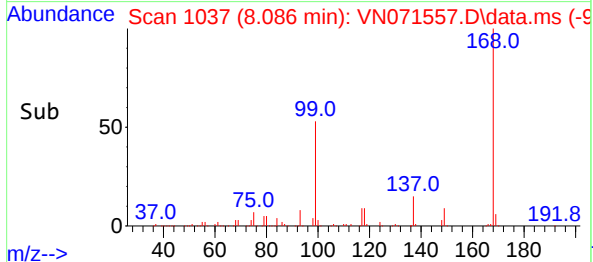
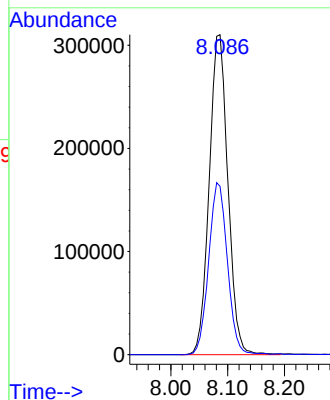
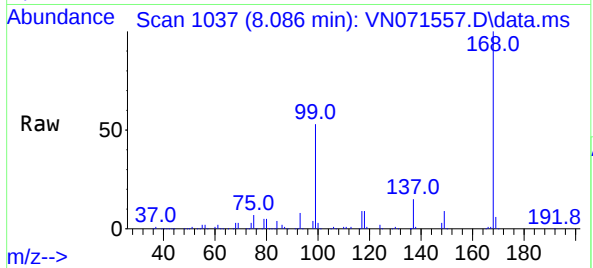




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN071557.D
Acq: 25 Mar 2022 19:07

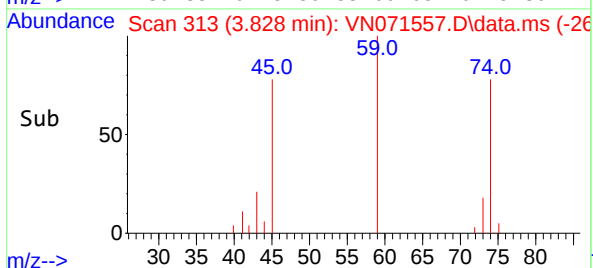
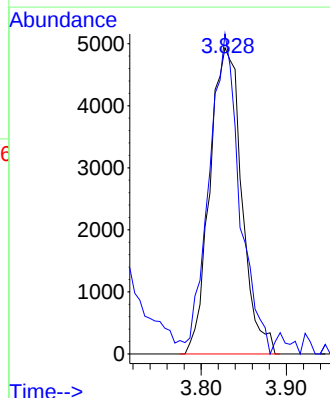
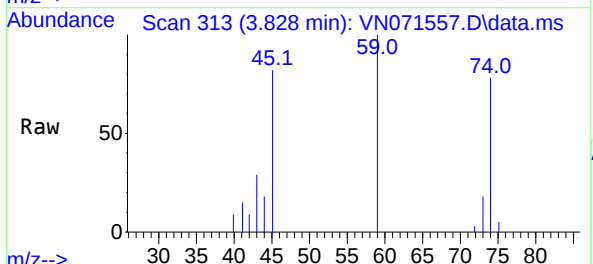
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-3-1

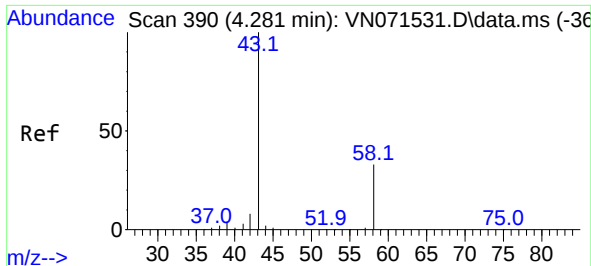
Tgt Ion:168 Resp: 707349
Ion Ratio Lower Upper
168 100
99 52.6 42.3 63.5



#8
Diethyl Ether
Concen: 2.680 ug/l
RT: 3.828 min Scan# 313
Delta R.T. 0.006 min
Lab File: VN071557.D
Acq: 25 Mar 2022 19:07

Tgt Ion: 74 Resp: 12836
Ion Ratio Lower Upper
74 100
45 100.3 42.9 128.5

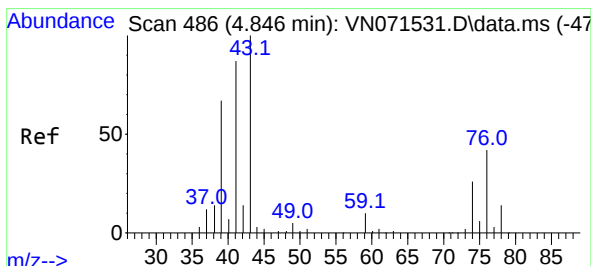
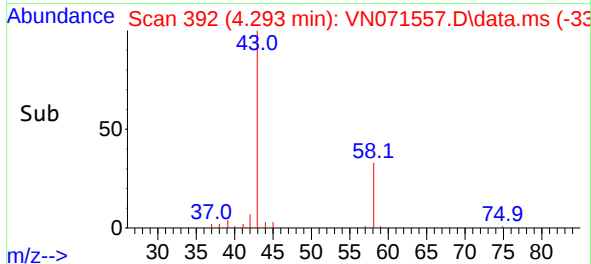
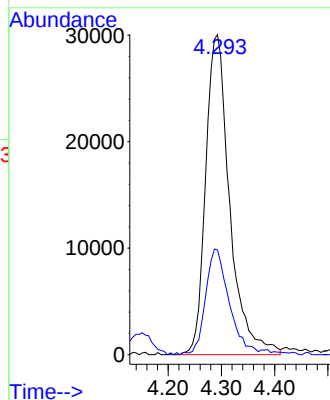
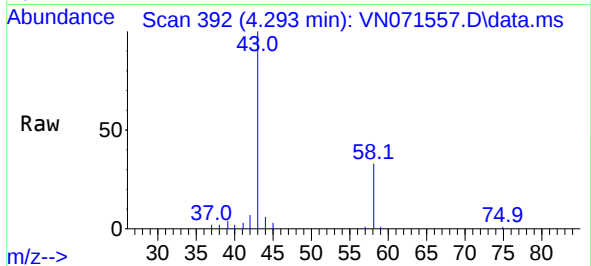




#16
Acetone
Concen: 26.145 ug/l
RT: 4.293 min Scan# 390
Delta R.T. 0.012 min
Lab File: VN071557.D
Acq: 25 Mar 2022 19:07

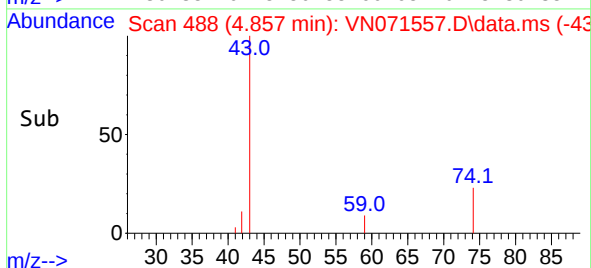
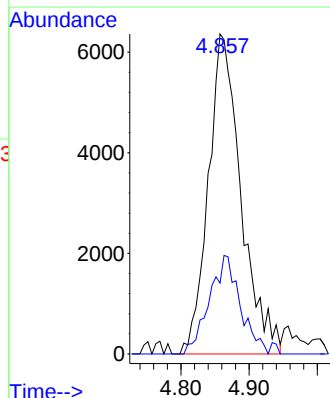
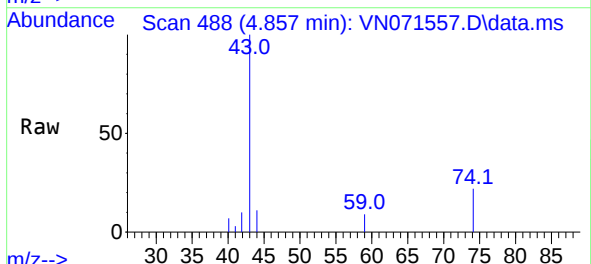
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-3-1

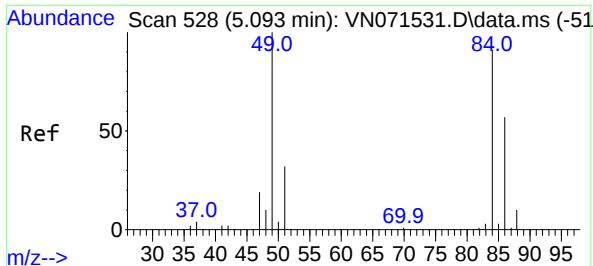
Tgt Ion: 43 Resp: 94179
Ion Ratio Lower Upper
43 100
58 32.8 26.0 39.0



#18
Methyl Acetate
Concen: 1.029 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.011 min
Lab File: VN071557.D
Acq: 25 Mar 2022 19:07

Tgt Ion: 43 Resp: 21217
Ion Ratio Lower Upper
43 100
74 29.1 21.6 32.4



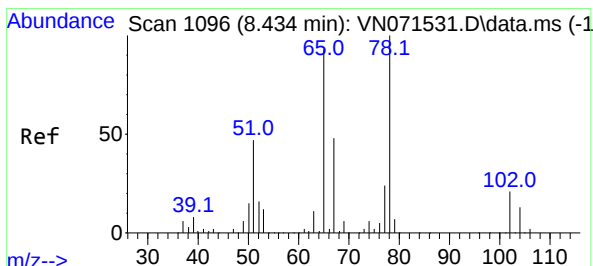
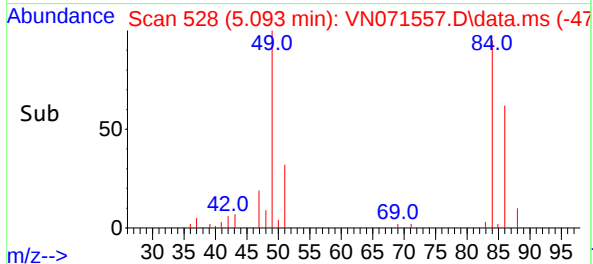
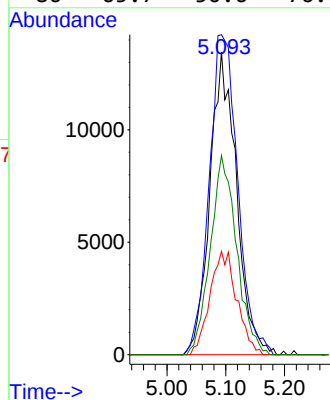
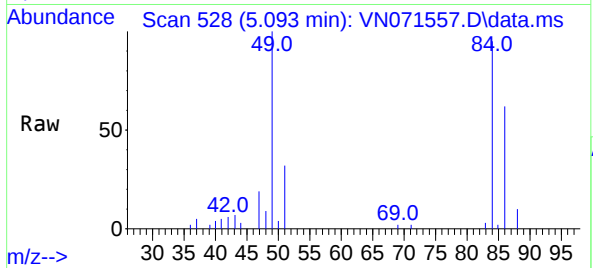


#20
Methylene Chloride
Concen: 5.023 ug/l
RT: 5.093 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071557.D
Acq: 25 Mar 2022 19:07

Instrument :
MSVOA_N
ClientSampleId :
WC-14A-3-1

Tgt Ion: 84 Resp: 42156

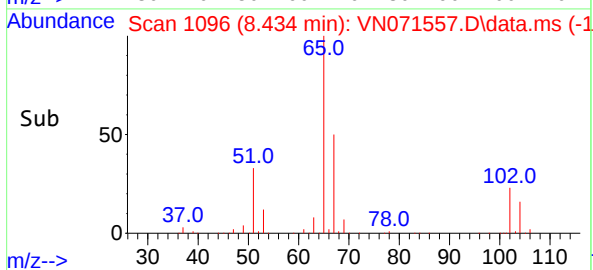
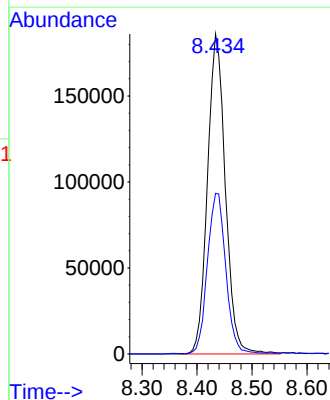
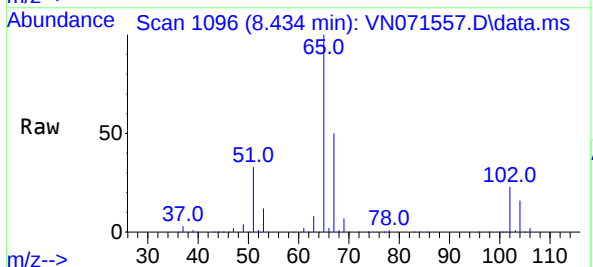
Ion	Ratio	Lower	Upper
84	100		
49	105.7	88.3	132.5
51	34.1	28.2	42.2
86	65.7	50.6	76.0

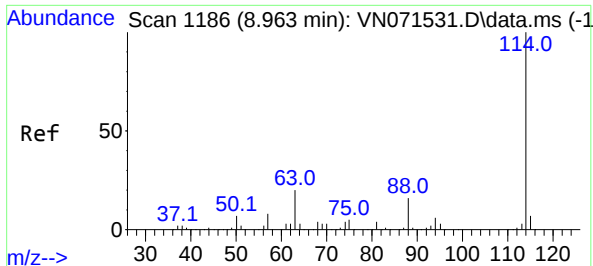


#33
1,2-Dichloroethane-d4
Concen: 47.802 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071557.D
Acq: 25 Mar 2022 19:07

Tgt Ion: 65 Resp: 420089

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071557.D

Acq: 25 Mar 2022 19:07

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-3-1

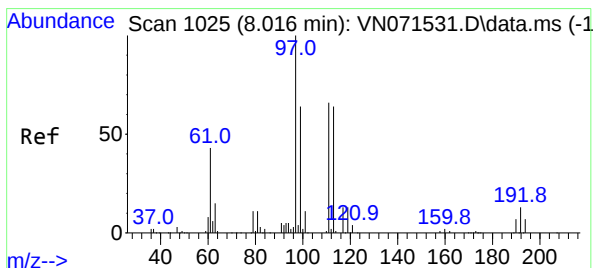
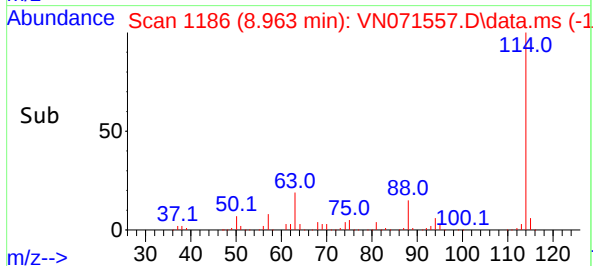
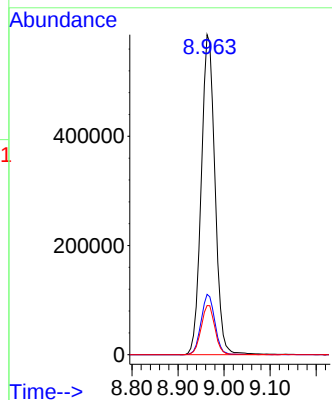
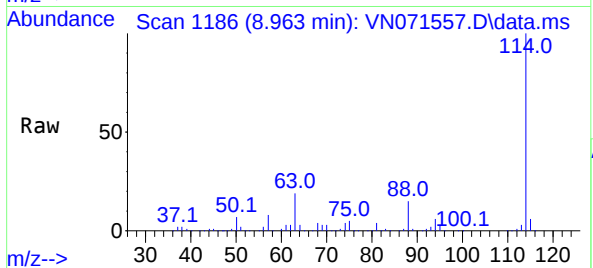
Tgt Ion:114 Resp: 1220253

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

88 15.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 45.060 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071557.D

Acq: 25 Mar 2022 19:07

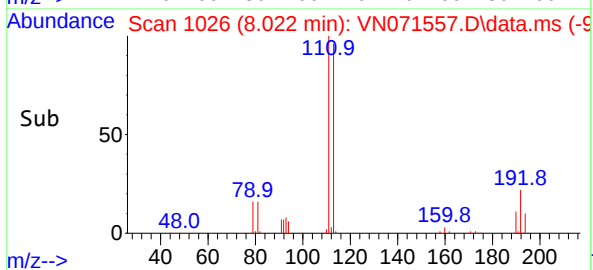
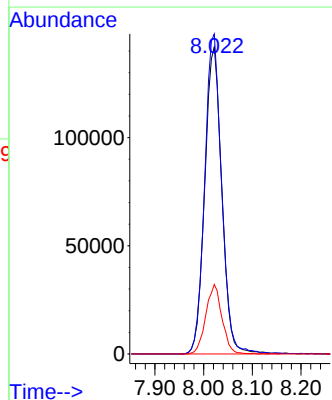
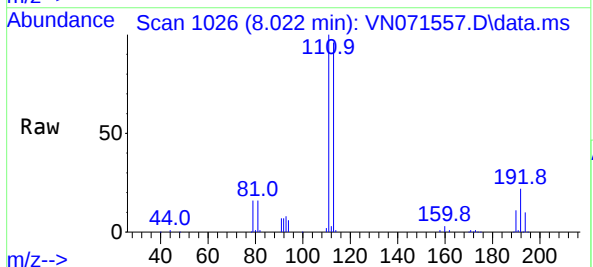
Tgt Ion:113 Resp: 345561

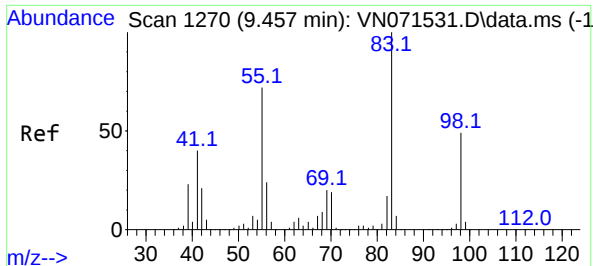
Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 21.4 17.0 25.6

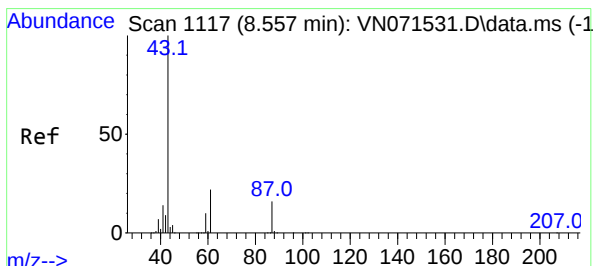
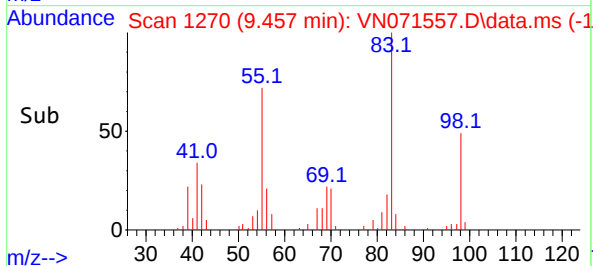
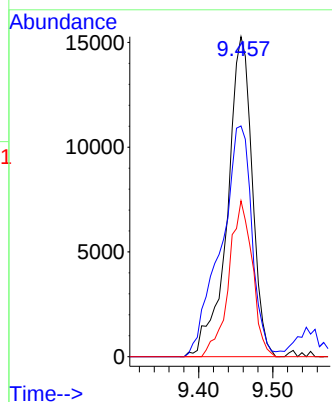
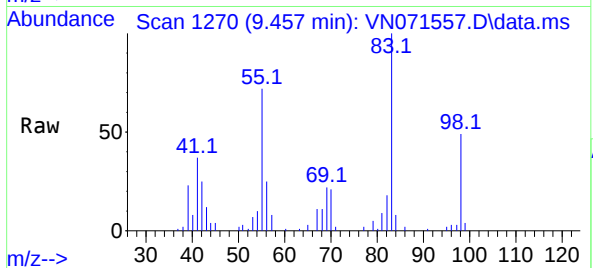




#39
Methylcyclohexane
Concen: 2.615 ug/l
RT: 9.457 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071557.D
Acq: 25 Mar 2022 19:07

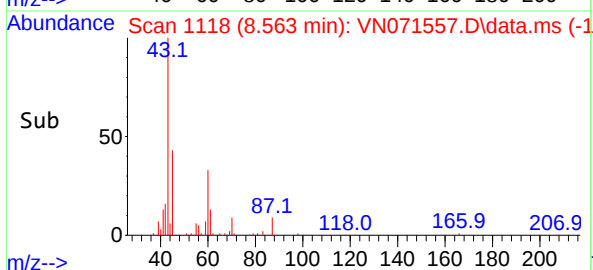
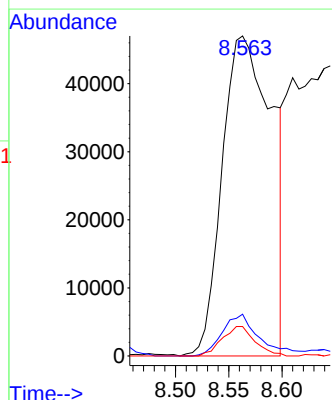
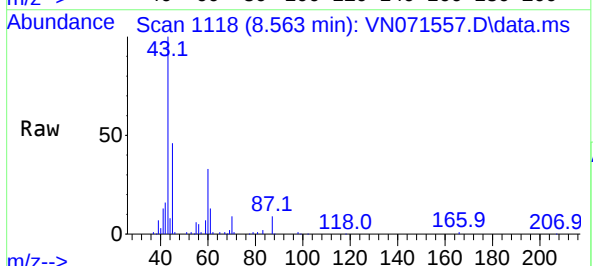
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-3-1

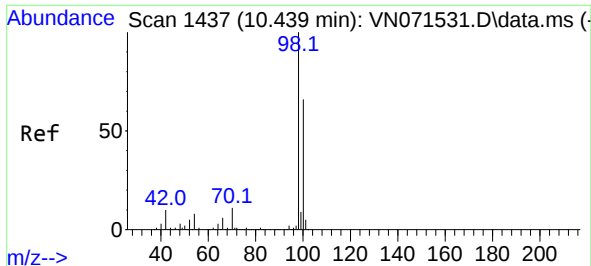
Tgt Ion: 83	Resp: 35476
Ion Ratio	Lower Upper
83	100
55	72.1 57.8 86.8
98	48.7 39.4 59.2



#43
Isopropyl Acetate
Concen: 7.598 ug/l
RT: 8.563 min Scan# 1118
Delta R.T. 0.006 min
Lab File: VN071557.D
Acq: 25 Mar 2022 19:07

Tgt Ion: 43	Resp: 153052
Ion Ratio	Lower Upper
43	100
61	9.8 21.9 32.9#
87	6.1 12.0 18.0#

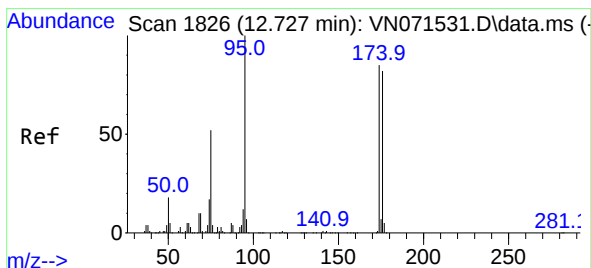
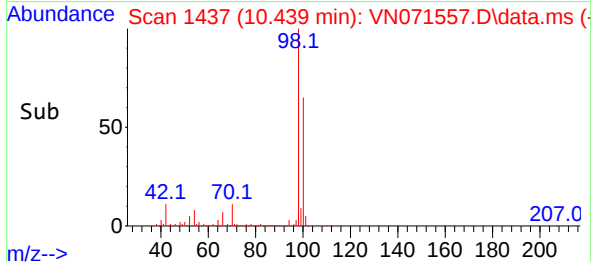
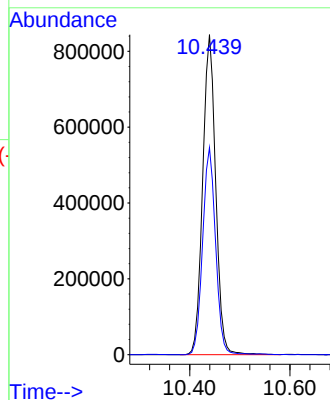
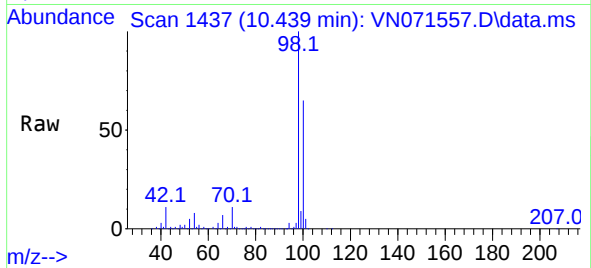




#50
Toluene-d8
Concen: 49.092 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071557.D
Acq: 25 Mar 2022 19:07

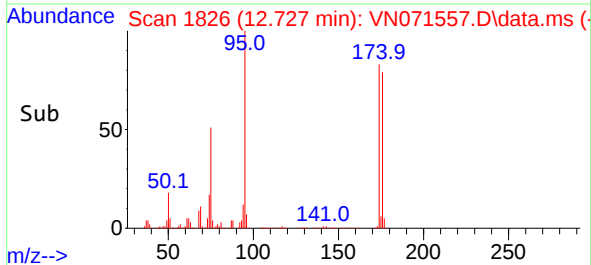
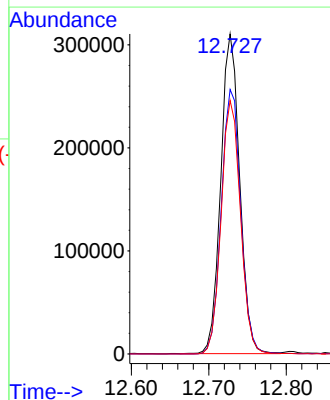
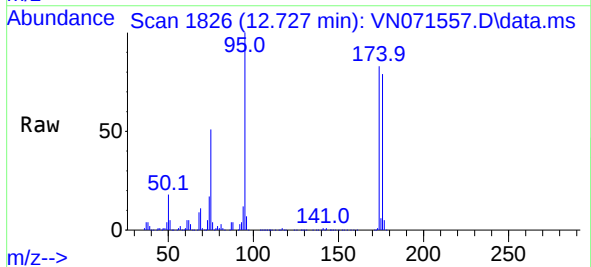
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ClientSampleId :
WC-14A-3-1

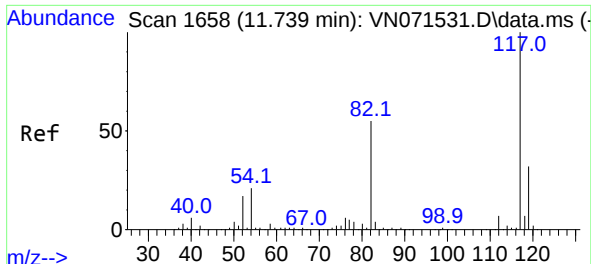
Tgt Ion: 98 Resp: 1518565
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 52.023 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071557.D
Acq: 25 Mar 2022 19:07

Tgt Ion: 95 Resp: 527277
Ion Ratio Lower Upper
95 100
174 85.1 0.0 167.6
176 81.1 0.0 163.4

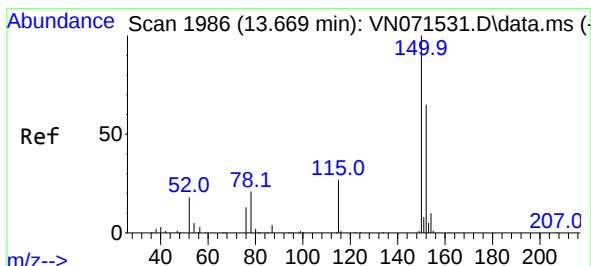
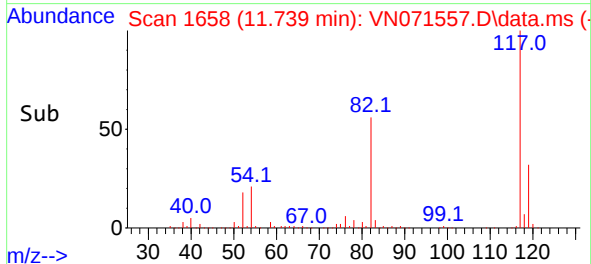
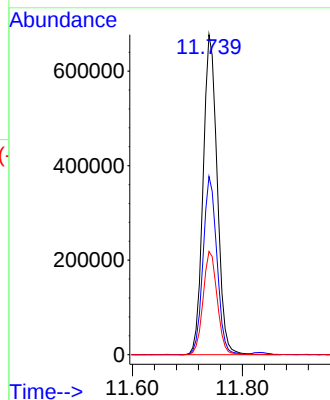
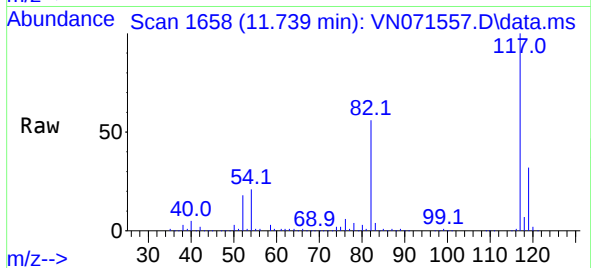




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071557.D
Acq: 25 Mar 2022 19:07

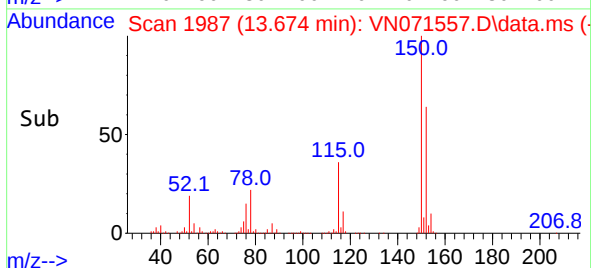
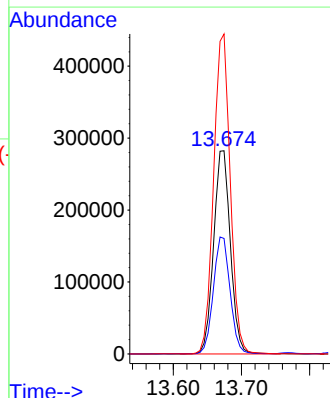
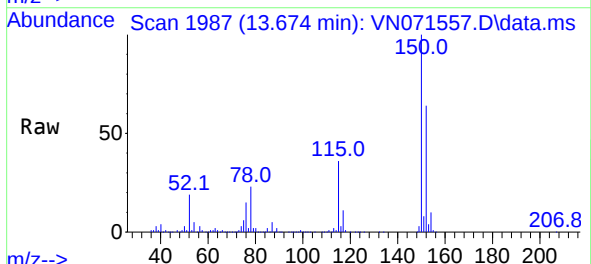
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-3-1

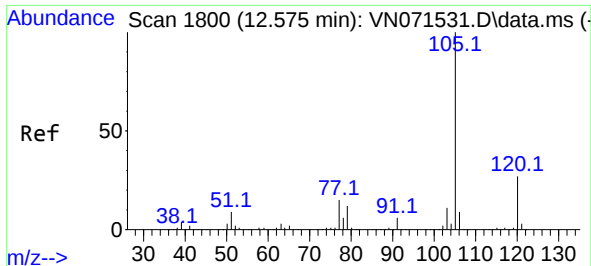
Tgt Ion:117 Resp: 1205220
Ion Ratio Lower Upper
117 100
82 55.7 44.2 66.2
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071557.D
Acq: 25 Mar 2022 19:07

Tgt Ion:152 Resp: 483527
Ion Ratio Lower Upper
152 100
115 57.3 28.9 86.7
150 156.3 0.0 356.2

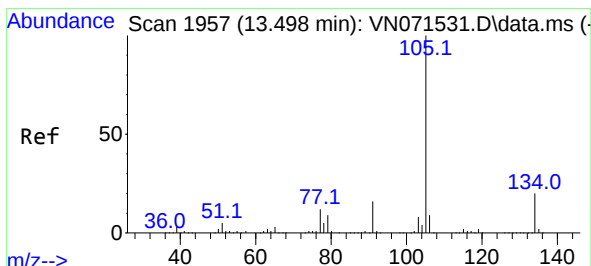
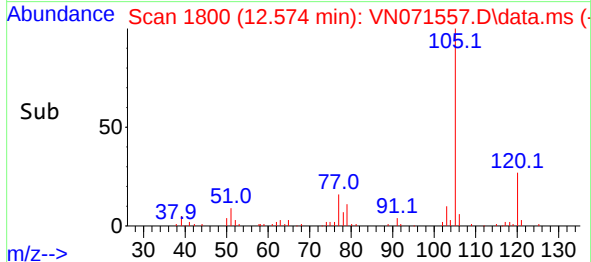
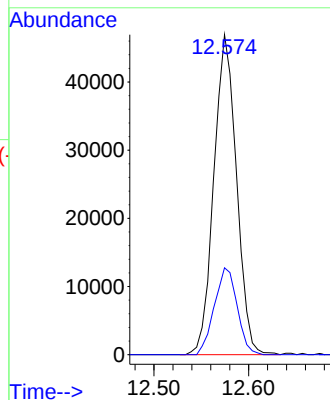
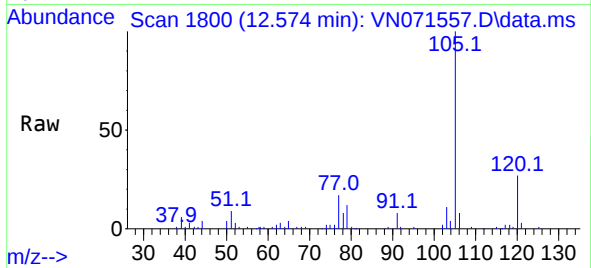




#73
Isopropylbenzene
Concen: 1.832 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071557.D
Acq: 25 Mar 2022 19:07

Instrument :
MSVOA_N
ClientSampleId :
WC-14A-3-1

Tgt Ion:105 Resp: 78090
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.4



#85
sec-Butylbenzene
Concen: 1.110 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN071557.D
Acq: 25 Mar 2022 19:07

Tgt Ion:105 Resp: 44675
Ion Ratio Lower Upper
105 100
134 33.2 10.4 31.1#

