

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012722\
 Data File : VN070812.D
 Acq On : 27 Jan 2022 17:46
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

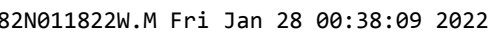
Quant Time: Jan 28 00:38:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

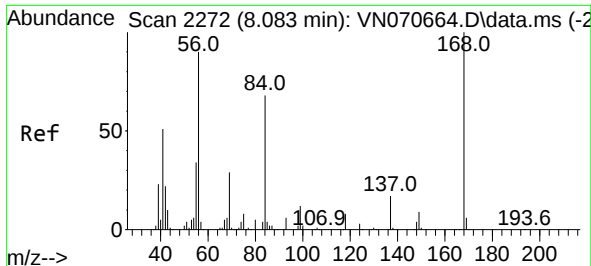
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	807101	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	1322339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1180460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	462791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	574306	49.650	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.300%		
35) Dibromofluoromethane	8.021	113	387101	47.193	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.380%		
50) Toluene-d8	10.440	98	1628020	47.114	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.220%		
62) 4-Bromofluorobenzene	12.731	95	615340	49.973	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.940%		
Target Compounds					Qvalue	
16) Acetone	4.291	43	2193	0.273	ug/l	91
30) Chloroform	7.823	83	1769	Below Cal	#	66
31) Cyclohexane	8.086	56	22266	1.093	ug/l	# 30
36) 1,1-Dichloropropene	8.083	75	67826	4.912	ug/l	# 49
38) Carbon Tetrachloride	8.086	117	83066	6.762	ug/l	# 16
39) Methylcyclohexane	9.453	83	4225	0.248	ug/l	# 93
40) Benzene	8.464	78	19740	0.461	ug/l	99
43) Isopropyl Acetate	8.609	43	6146	0.219	ug/l	# 55
53) t-1,3-Dichloropropene	10.446	75	268	2.419	ug/l	# 1
56) Ethyl methacrylate	10.773	69	51	2.304	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	10.038	63	1358	21.493	ug/l	# 68
67) Ethyl Benzene	11.843	91	10633	0.224	ug/l	96
68) m/p-Xylenes	11.950	106	13681	0.793	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	329651	26.857	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.728	75	329651	80.011	ug/l	# 5
84) 1,2,4-Trimethylbenzene	13.369	105	20904	0.614	ug/l	97
93) 1,2,4-Trichlorobenzene	15.260	180	375	3.466	ug/l	# 5
95) Naphthalene	15.507	128	36598	6.323	ug/l	96
96) 1,2,3-Trichlorobenzene	15.697	180	743	3.301	ug/l	# 63

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

Quant Time: Jan 28 00:38:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 18 13:32:07 2022
Response via : Initial Calibration

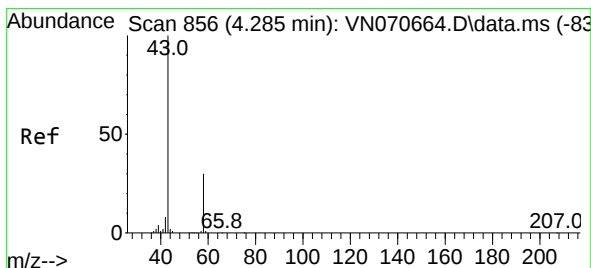
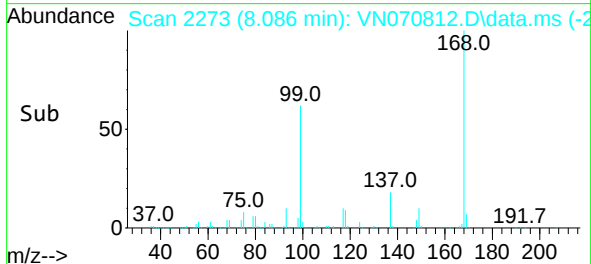
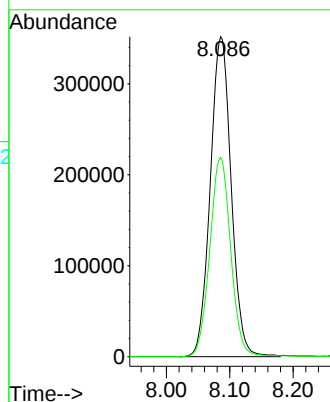
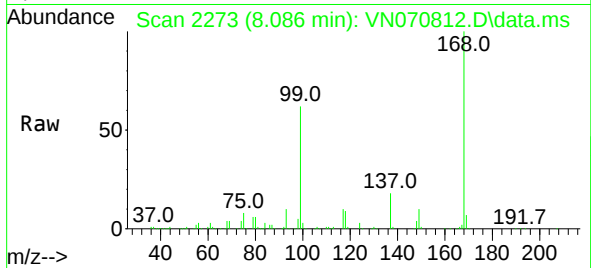




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070812.D
Acq: 27 Jan 2022 17:46

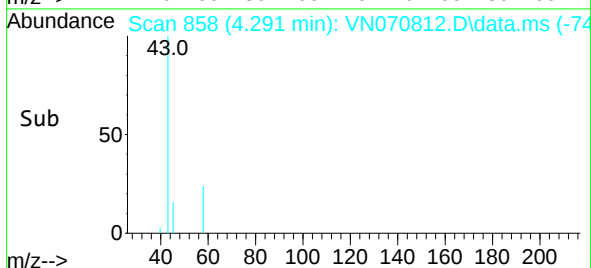
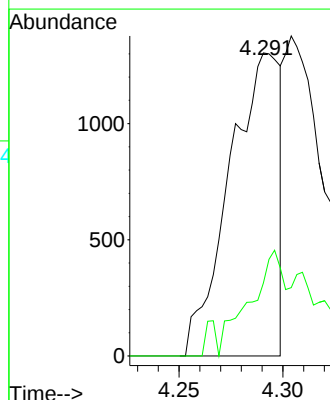
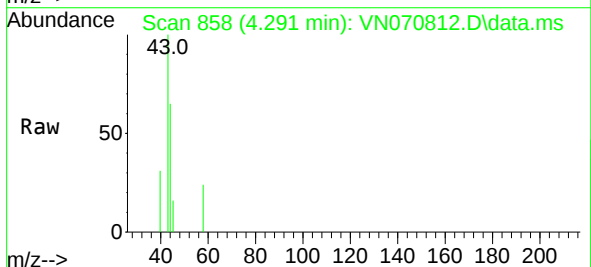
Instrument :
MSVOA_N
ClientSampleId :
IBLK

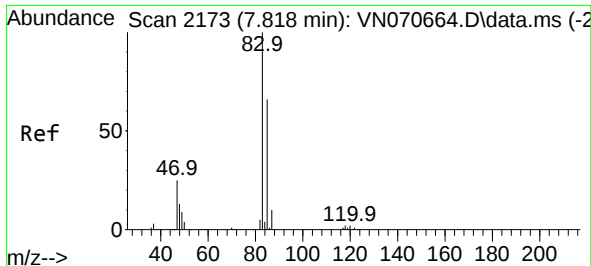
Tgt Ion:168 Resp: 807101
Ion Ratio Lower Upper
168 100
99 62.3 41.3 61.9#



#16
Acetone
Concen: 0.273 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.006 min
Lab File: VN070812.D
Acq: 27 Jan 2022 17:46

Tgt Ion: 43 Resp: 2193
Ion Ratio Lower Upper
43 100
58 24.1 23.1 34.7





#30

Chloroform

Concen: Below Cal

RT: 7.823 min Scan# 2173

Delta R.T. 0.005 min

Lab File: VN070812.D

Acq: 27 Jan 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

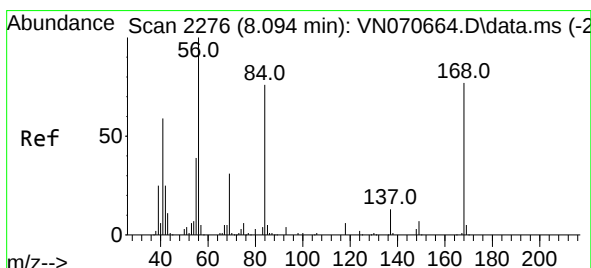
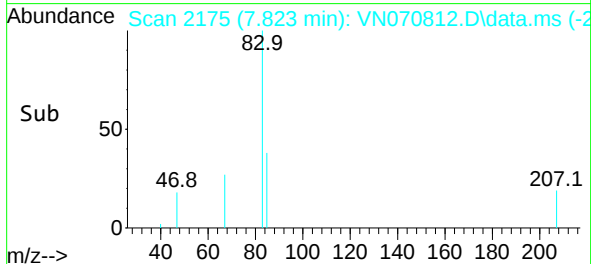
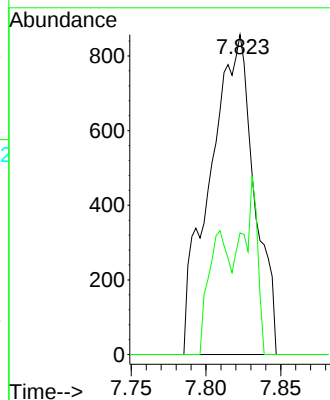
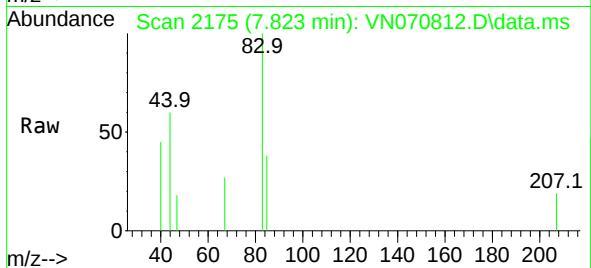
IBLK

Tgt Ion: 83 Resp: 1769

Ion Ratio Lower Upper

83 100

85 38.0 51.9 77.9#



#31

Cyclohexane

Concen: 1.093 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.008 min

Lab File: VN070812.D

Acq: 27 Jan 2022 17:46

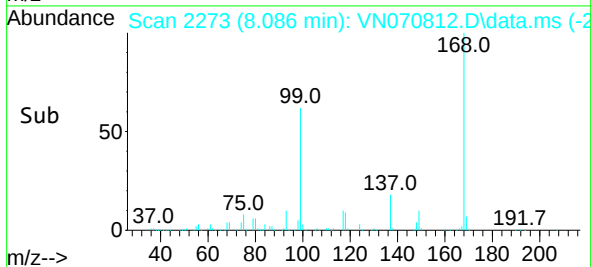
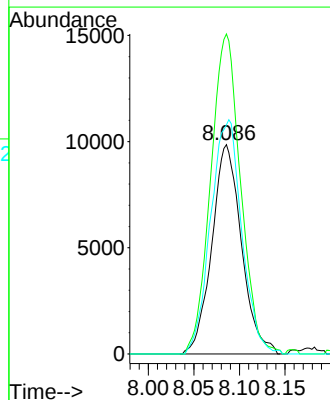
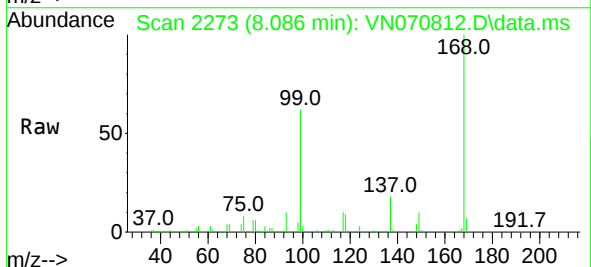
Tgt Ion: 56 Resp: 22266

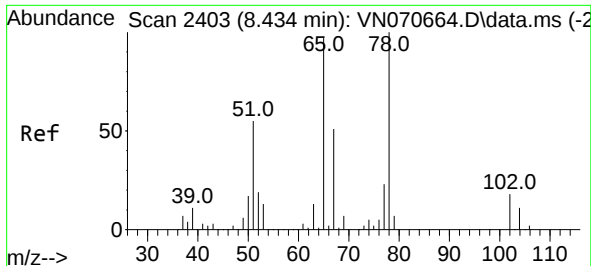
Ion Ratio Lower Upper

56 100

69 152.9 27.1 40.7#

84 109.5 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 49.650 ug/l

RT: 8.437 min Scan# 2403

Delta R.T. 0.003 min

Lab File: VN070812.D

Acq: 27 Jan 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

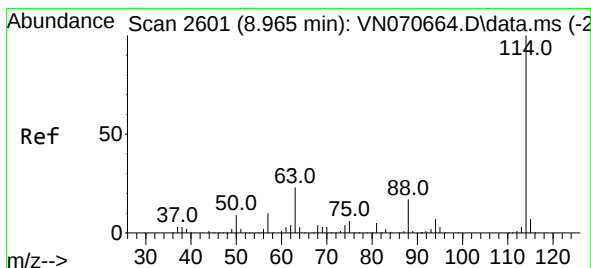
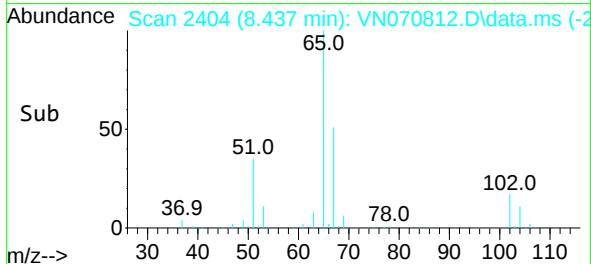
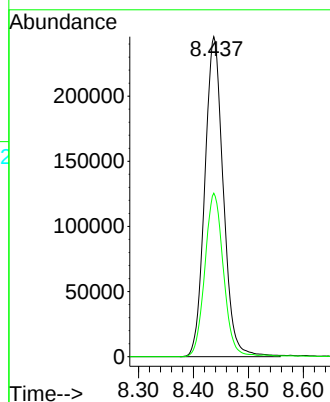
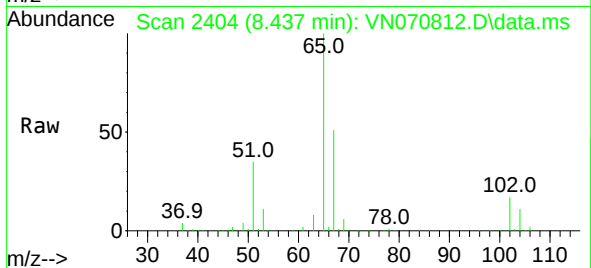
IBLK

Tgt Ion: 65 Resp: 574306

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.003 min

Lab File: VN070812.D

Acq: 27 Jan 2022 17:46

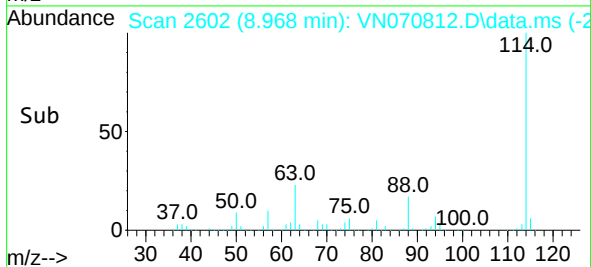
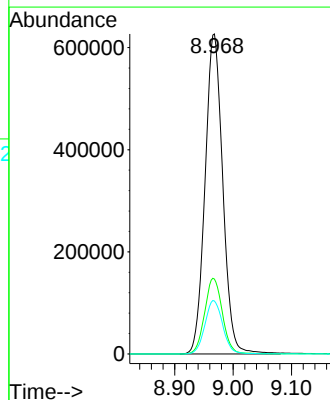
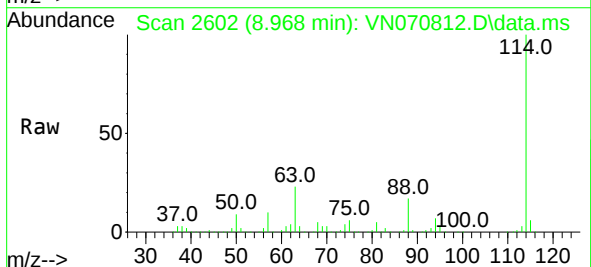
Tgt Ion: 114 Resp: 1322339

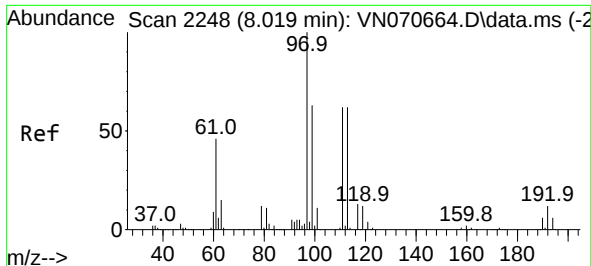
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

88 16.6 0.0 27.4





#35

Dibromofluoromethane

Concen: 47.193 ug/l

RT: 8.021 min Scan# 21

Delta R.T. 0.002 min

Lab File: VN070812.D

Acq: 27 Jan 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

IBLK

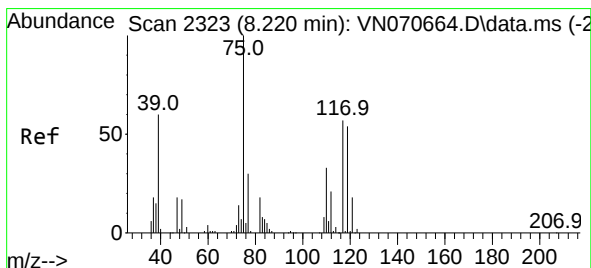
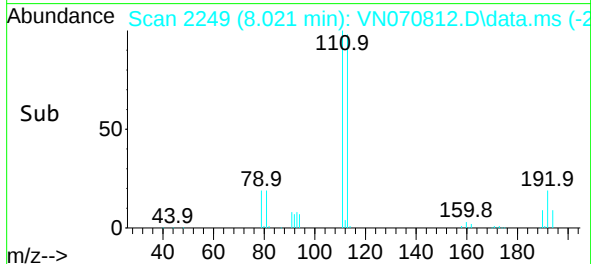
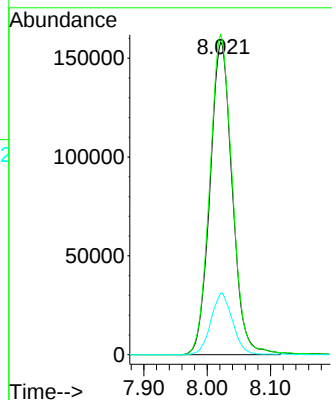
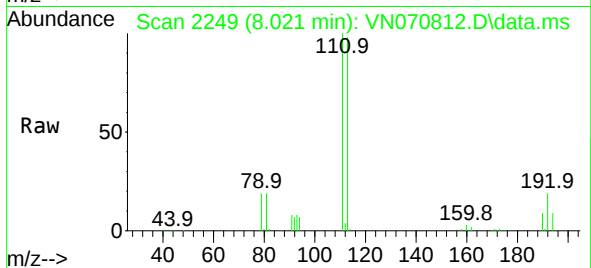
Tgt Ion:113 Resp: 387101

Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.2

192 19.1 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.912 ug/l

RT: 8.083 min Scan# 2272

Delta R.T. -0.137 min

Lab File: VN070812.D

Acq: 27 Jan 2022 17:46

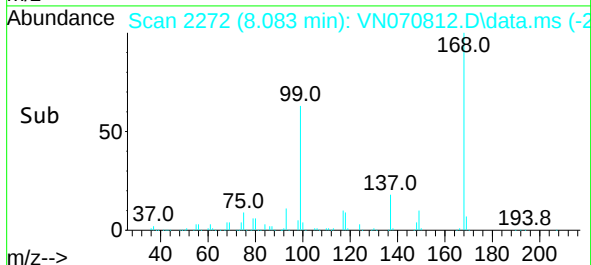
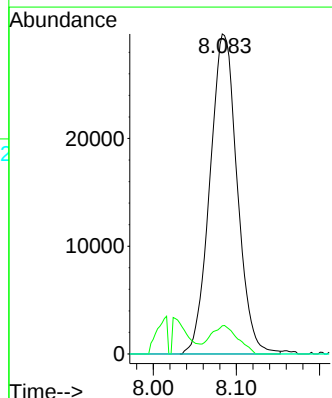
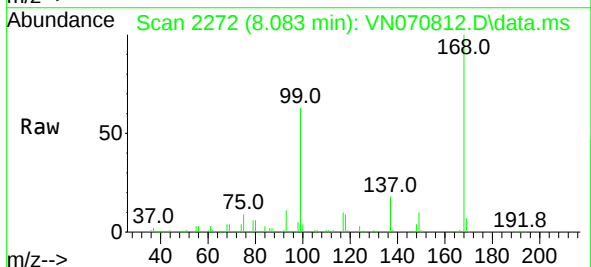
Tgt Ion: 75 Resp: 67826

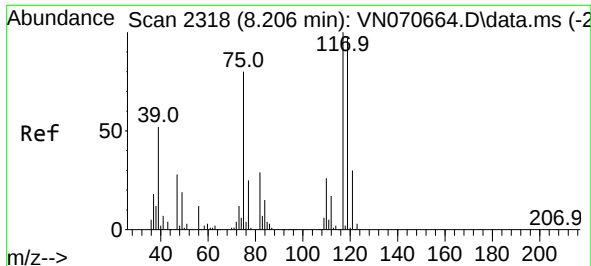
Ion Ratio Lower Upper

75 100

110 8.8 18.4 55.2#

77 0.0 24.4 36.6#

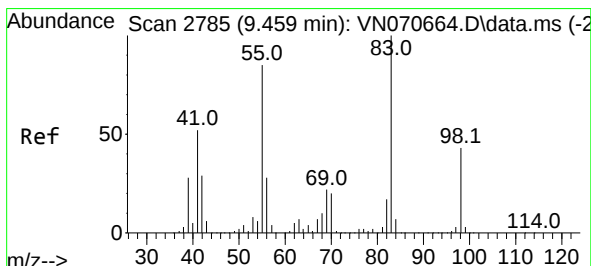
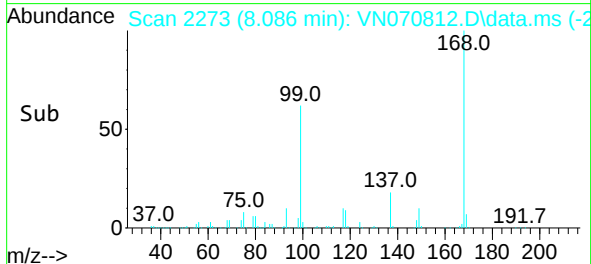
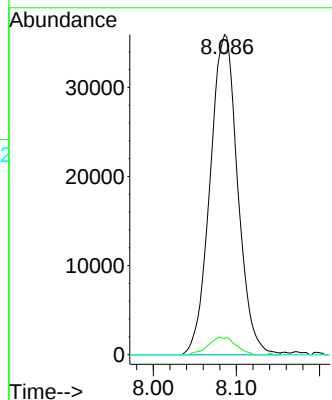
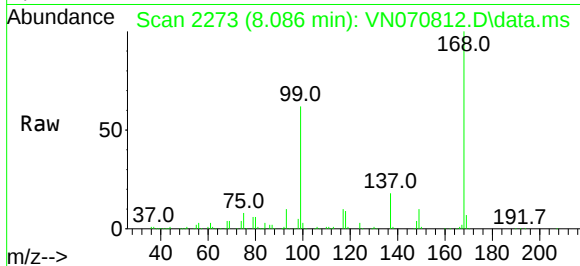




#38
Carbon Tetrachloride
Concen: 6.762 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.120 min
Lab File: VN070812.D
Acq: 27 Jan 2022 17:46

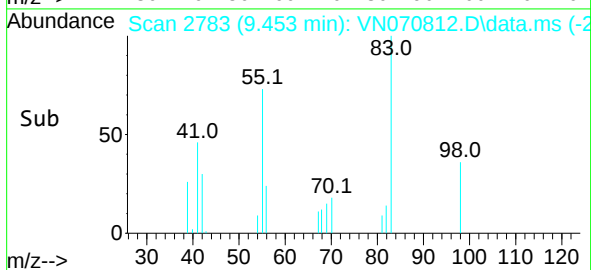
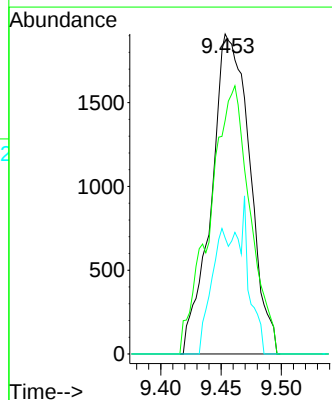
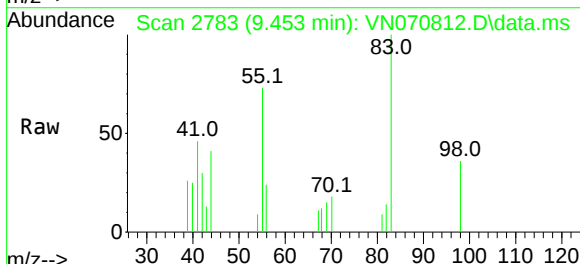
Instrument :
MSVOA_N
ClientSampleId :
IBLK

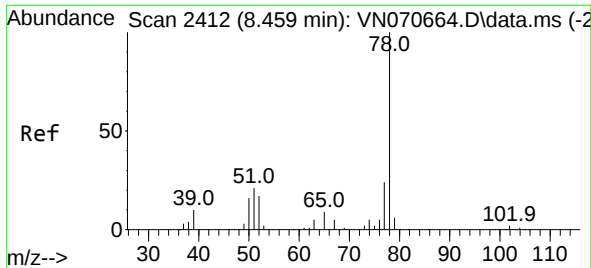
Tgt Ion:117 Resp: 83066
Ion Ratio Lower Upper
117 100
119 5.0 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.248 ug/l
RT: 9.453 min Scan# 2783
Delta R.T. -0.006 min
Lab File: VN070812.D
Acq: 27 Jan 2022 17:46

Tgt Ion: 83 Resp: 4225
Ion Ratio Lower Upper
83 100
55 73.0 58.1 87.1
98 36.3 38.4 57.6#





#40

Benzene

Concen: 0.461 ug/l

RT: 8.464 min Scan# 2414

Delta R.T. 0.005 min

Lab File: VN070812.D

Acq: 27 Jan 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

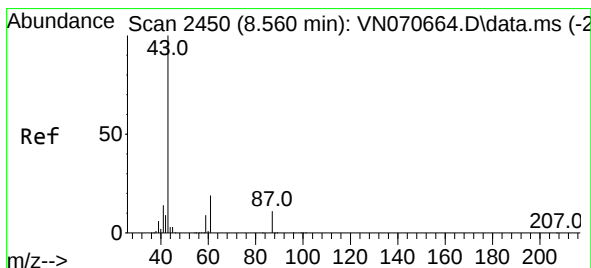
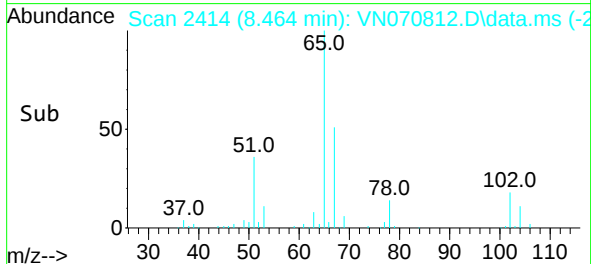
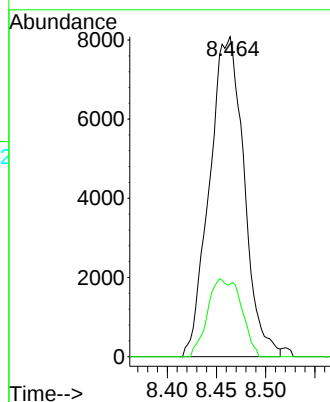
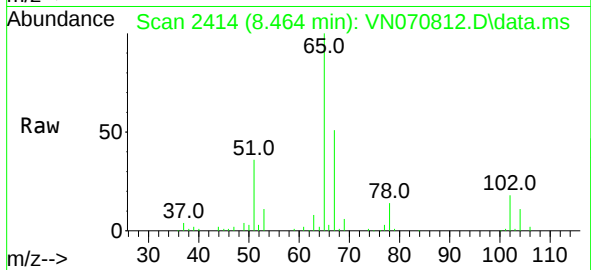
IBLK

Tgt Ion: 78 Resp: 19740

Ion Ratio Lower Upper

78 100

77 22.7 18.6 27.8



#43

Isopropyl Acetate

Concen: 0.219 ug/l

RT: 8.609 min Scan# 2468

Delta R.T. 0.049 min

Lab File: VN070812.D

Acq: 27 Jan 2022 17:46

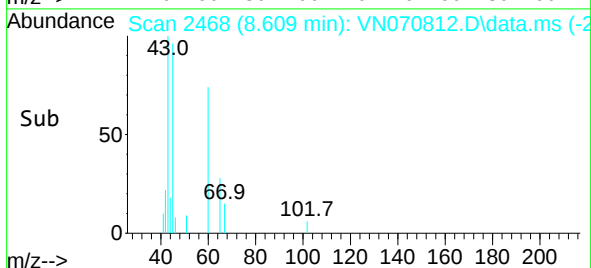
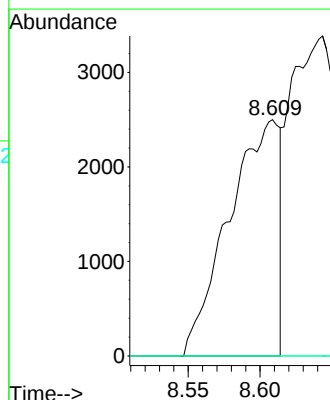
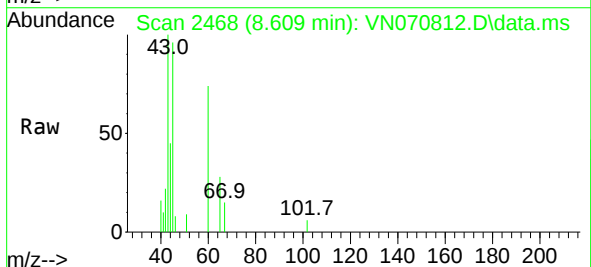
Tgt Ion: 43 Resp: 6146

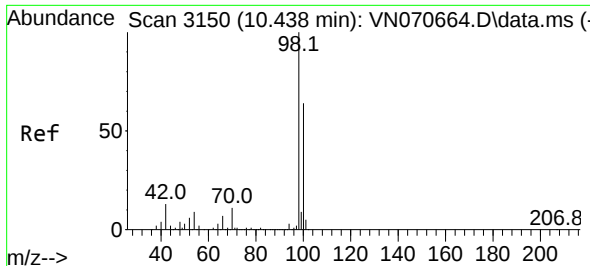
Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 0.0 11.2 16.8#

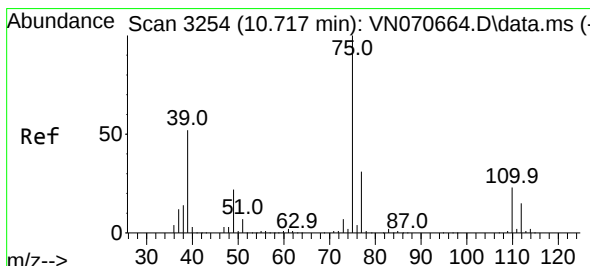
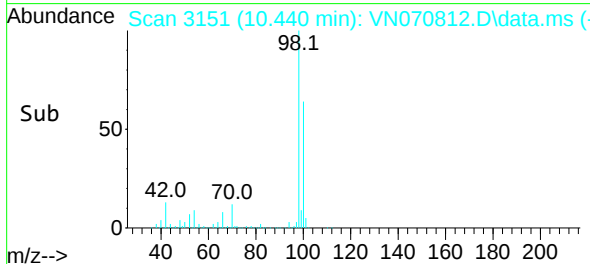
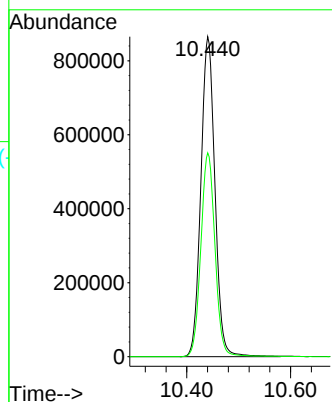
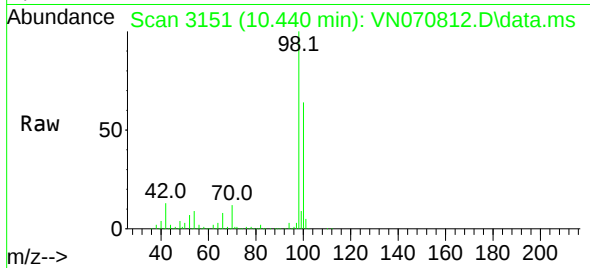




#50
Toluene-d8
Concen: 47.114 ug/l
RT: 10.440 min Scan# 3150
Delta R.T. 0.002 min
Lab File: VN070812.D
Acq: 27 Jan 2022 17:46

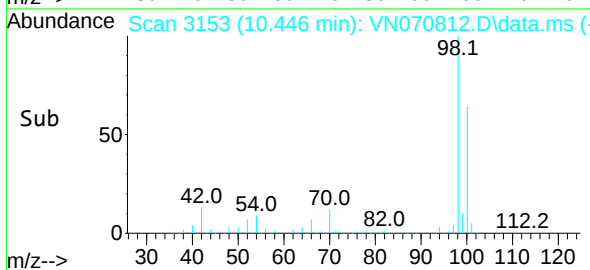
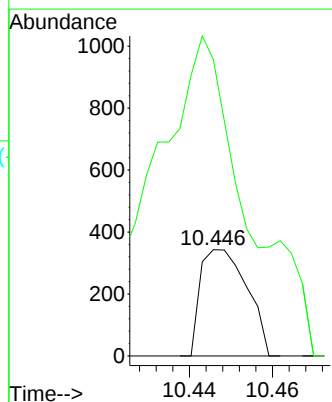
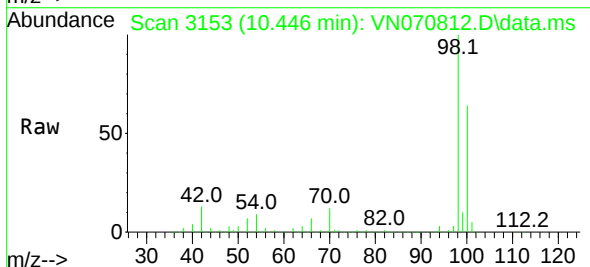
Instrument :
MSVOA_N
ClientSampleId :
IBLK

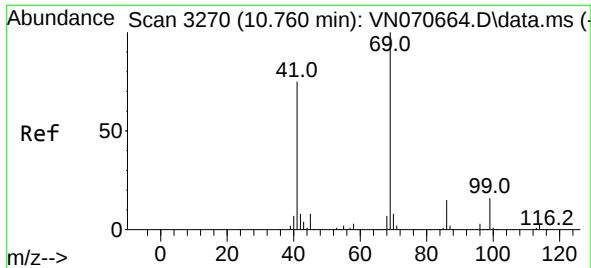
Tgt Ion: 98 Resp: 1628020
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6



#53
t-1,3-Dichloropropene
Concen: 2.419 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. -0.271 min
Lab File: VN070812.D
Acq: 27 Jan 2022 17:46

Tgt Ion: 75 Resp: 268
Ion Ratio Lower Upper
75 100
77 170.6 25.6 38.4#

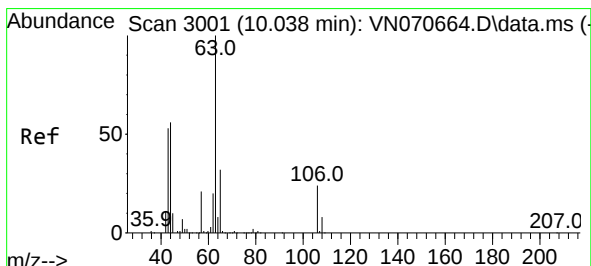
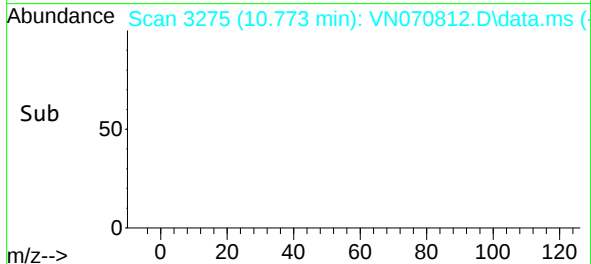
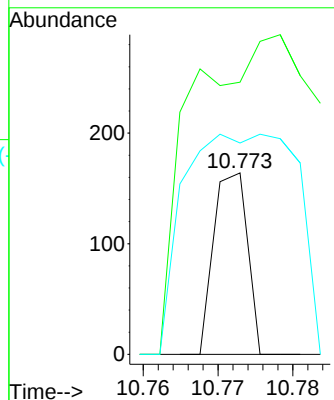
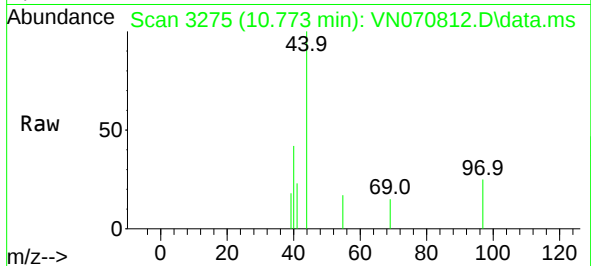




#56
Ethyl methacrylate
Concen: 2.304 ug/l
RT: 10.773 min Scan# 31
Delta R.T. 0.013 min
Lab File: VN070812.D
Acq: 27 Jan 2022 17:46

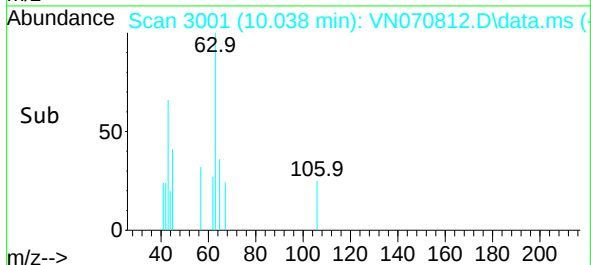
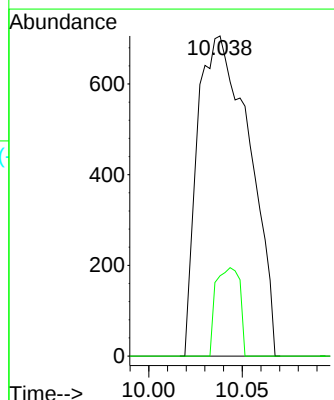
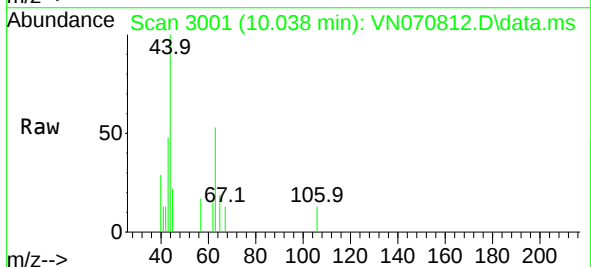
Instrument :
MSVOA_N
ClientSampleId :
IBLK

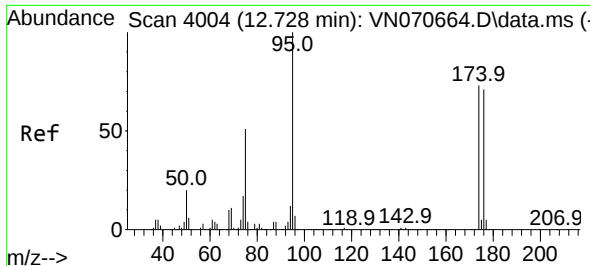
Tgt Ion: 69 Resp: 51
Ion Ratio Lower Upper
69 100
41 829.4 51.4 77.0#
39 407.8 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 21.493 ug/l
RT: 10.038 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VN070812.D
Acq: 27 Jan 2022 17:46

Tgt Ion: 63 Resp: 1358
Ion Ratio Lower Upper
63 100
106 12.7 23.9 35.9#

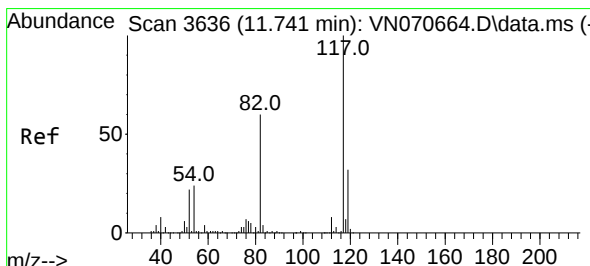
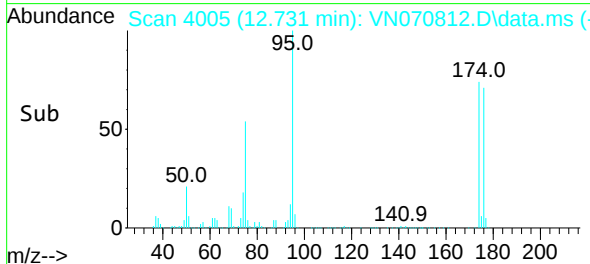
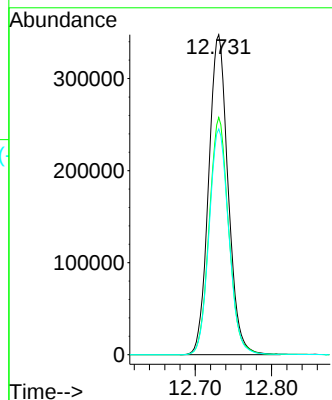
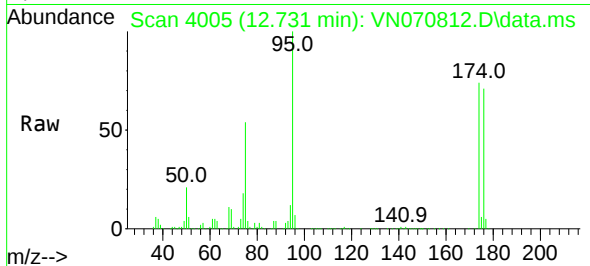




#62
4-Bromofluorobenzene
Concen: 49.973 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070812.D
Acq: 27 Jan 2022 17:46

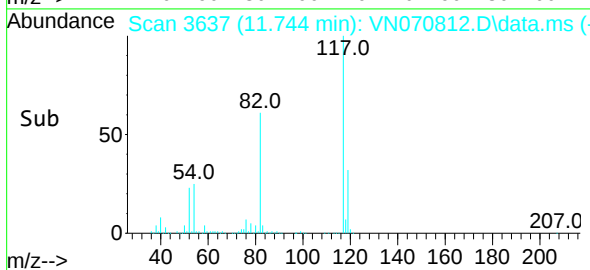
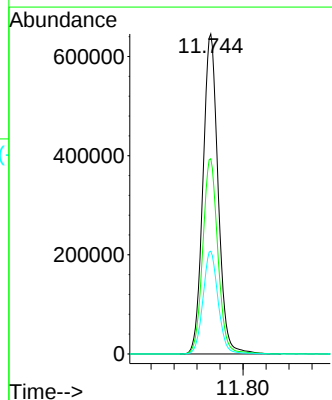
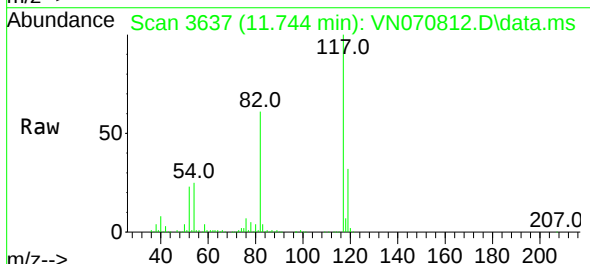
Instrument :
MSVOA_N
ClientSampleId :
IBLK

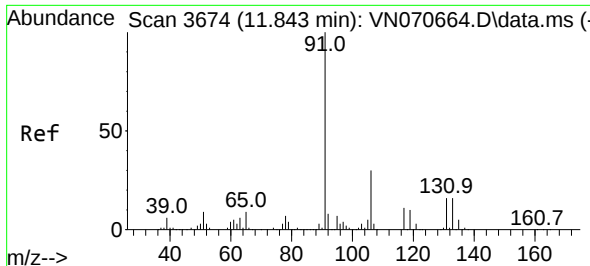
Tgt Ion: 95 Resp: 615340
Ion Ratio Lower Upper
95 100
174 74.1 0.0 187.2
176 71.4 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070812.D
Acq: 27 Jan 2022 17:46

Tgt Ion: 117 Resp: 1180460
Ion Ratio Lower Upper
117 100
82 61.0 42.4 63.6
119 32.1 25.4 38.2

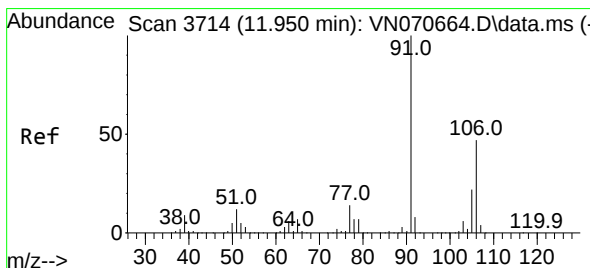
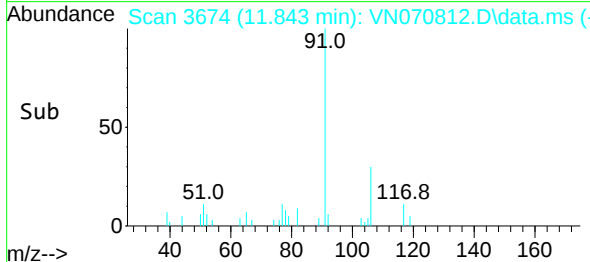
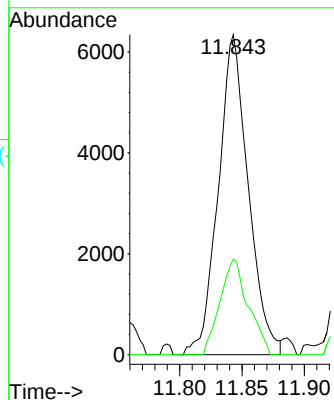
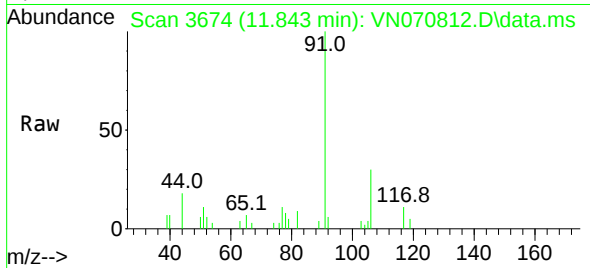




#67
Ethyl Benzene
Concen: 0.224 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070812.D
Acq: 27 Jan 2022 17:46

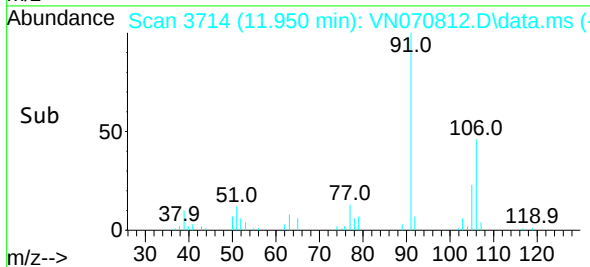
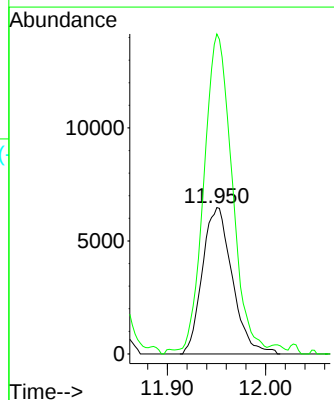
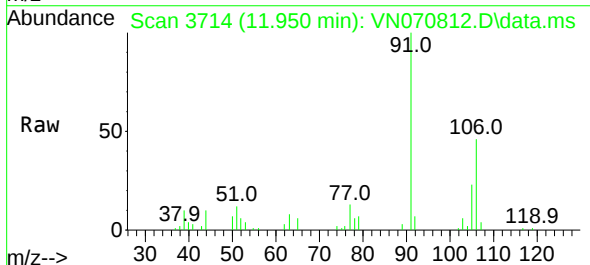
Instrument :
MSVOA_N
ClientSampleId :
IBLK

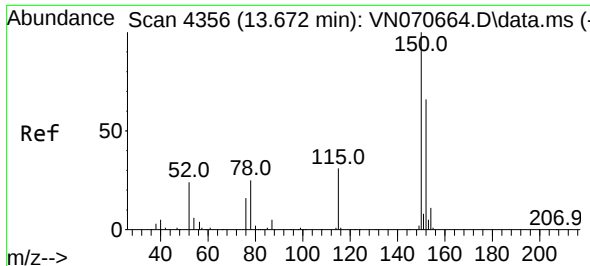
Tgt Ion: 91 Resp: 10633
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5



#68
m/p-Xylenes
Concen: 0.793 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. 0.000 min
Lab File: VN070812.D
Acq: 27 Jan 2022 17:46

Tgt Ion: 106 Resp: 13681
Ion Ratio Lower Upper
106 100
91 199.9 160.6 240.8

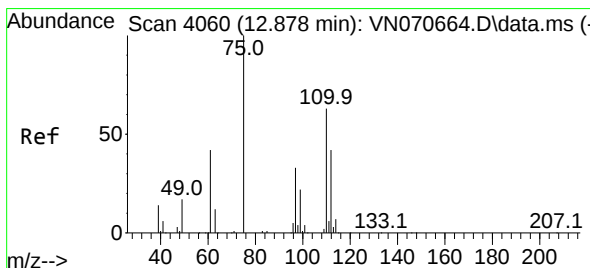
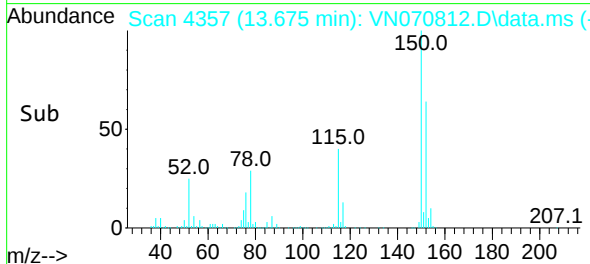
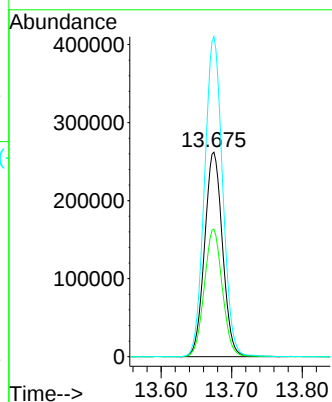
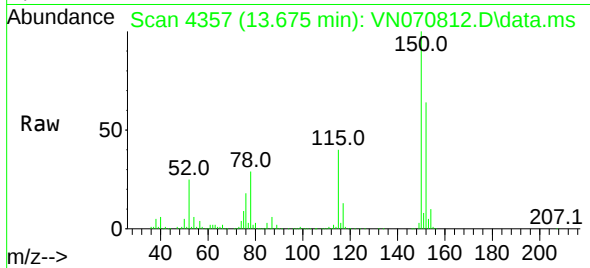




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070812.D
Acq: 27 Jan 2022 17:46

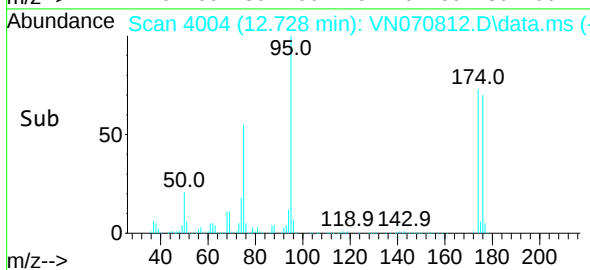
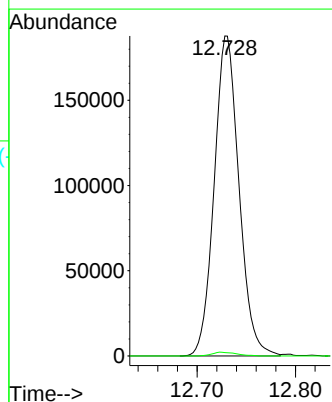
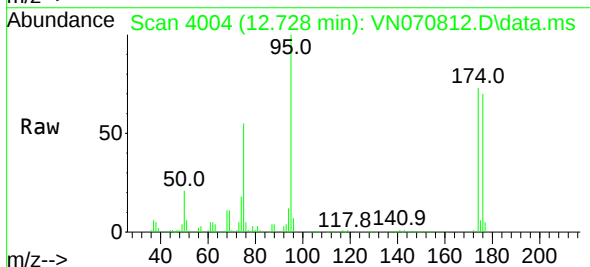
Instrument :
MSVOA_N
ClientSampleId :
IBLK

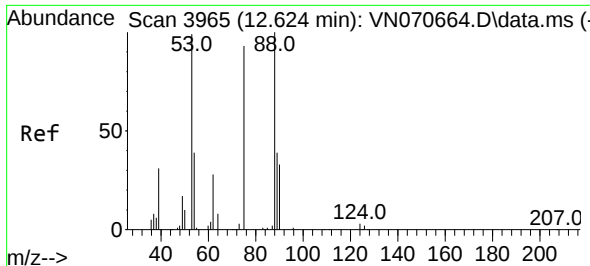
Tgt Ion:152 Resp: 462791
Ion Ratio Lower Upper
152 100
115 62.8 27.5 82.5
150 157.7 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 26.857 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.150 min
Lab File: VN070812.D
Acq: 27 Jan 2022 17:46

Tgt Ion: 75 Resp: 329651
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#

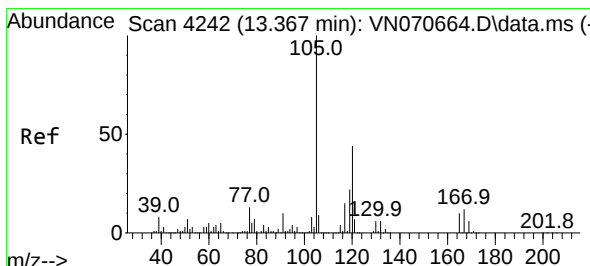
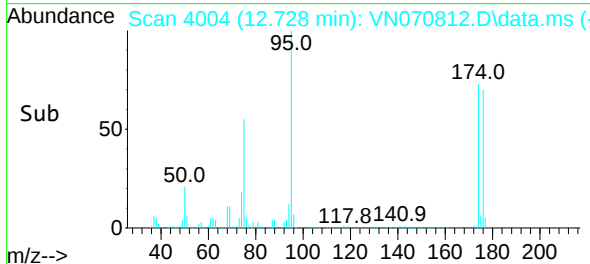
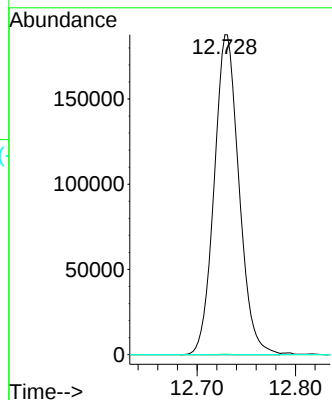
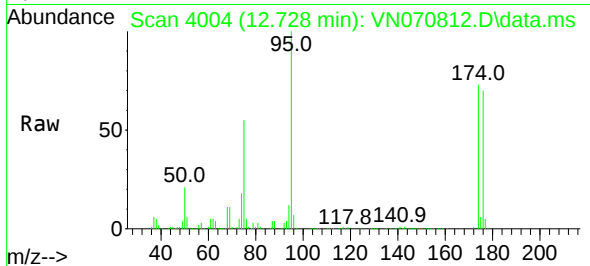




#81
trans-1,4-Dichloro-2-butene
Concen: 80.011 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.104 min
Lab File: VN070812.D
Acq: 27 Jan 2022 17:46

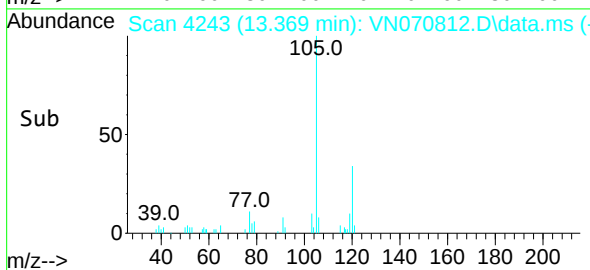
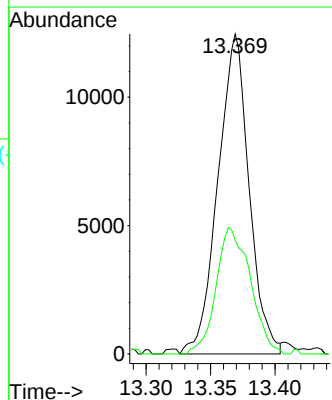
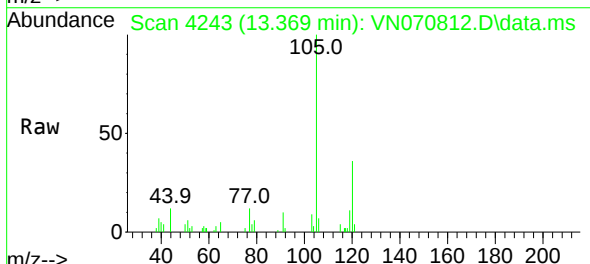
Instrument :
MSVOA_N
ClientSampleId :
IBLK

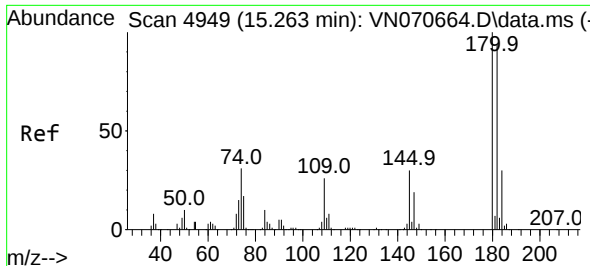
Tgt Ion: 75 Resp: 329651
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#84
1,2,4-Trimethylbenzene
Concen: 0.614 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.002 min
Lab File: VN070812.D
Acq: 27 Jan 2022 17:46

Tgt Ion: 105 Resp: 20904
Ion Ratio Lower Upper
105 100
120 43.4 22.8 68.4

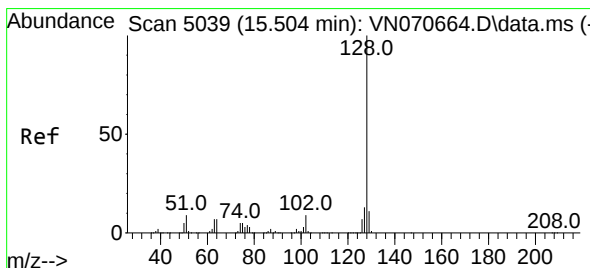
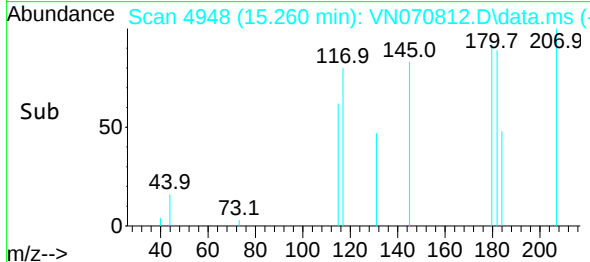
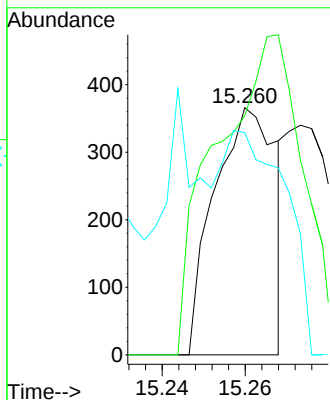
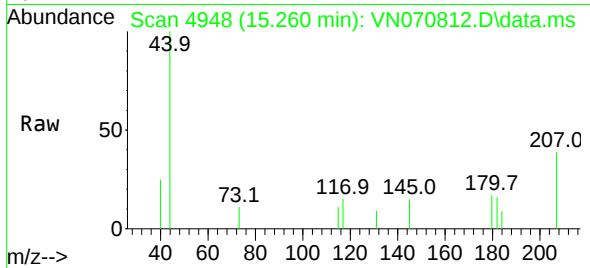




#93
1,2,4-Trichlorobenzene
Concen: 3.466 ug/l
RT: 15.260 min Scan# 4949
Delta R.T. -0.003 min
Lab File: VN070812.D
Acq: 27 Jan 2022 17:46

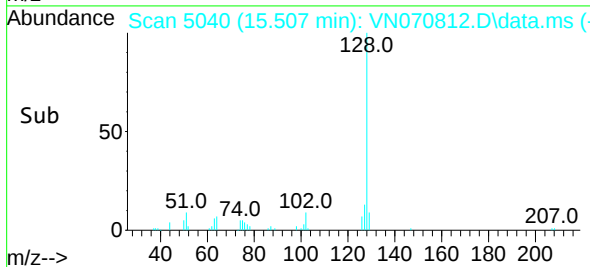
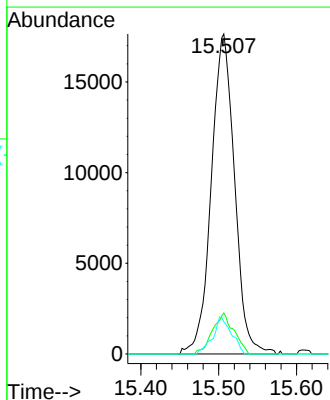
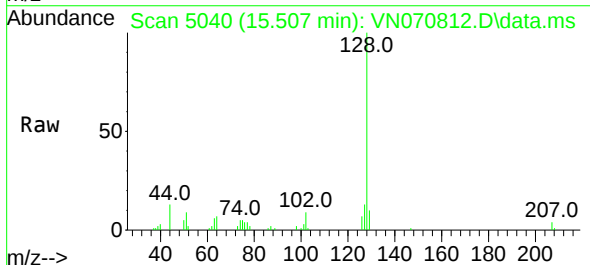
Instrument :
MSVOA_N
ClientSampleId :
IBLK

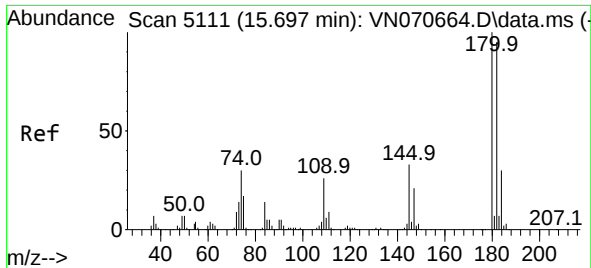
Tgt Ion:180 Resp: 375
Ion Ratio Lower Upper
180 100
182 181.3 48.3 144.9#
145 94.9 14.5 43.5#



#95
Naphthalene
Concen: 6.323 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.003 min
Lab File: VN070812.D
Acq: 27 Jan 2022 17:46

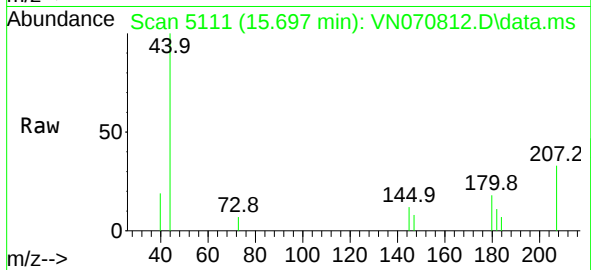
Tgt Ion:128 Resp: 36598
Ion Ratio Lower Upper
128 100
127 11.7 10.5 15.7
129 9.2 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 3.301 ug/l
 RT: 15.697 min Scan# 5111
 Delta R.T. 0.000 min
 Lab File: VN070812.D
 Acq: 27 Jan 2022 17:46

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:180 Resp: 743
 Ion Ratio Lower Upper
 180 100
 182 64.6 47.4 142.2
 145 0.0 15.0 45.1#

