

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
 Data File : VN070898.D
 Acq On : 2 Feb 2022 17:43
 Operator : JC/MD
 Sample : N1303-03ME
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CC-6ME

Quant Time: Feb 02 18:02:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

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

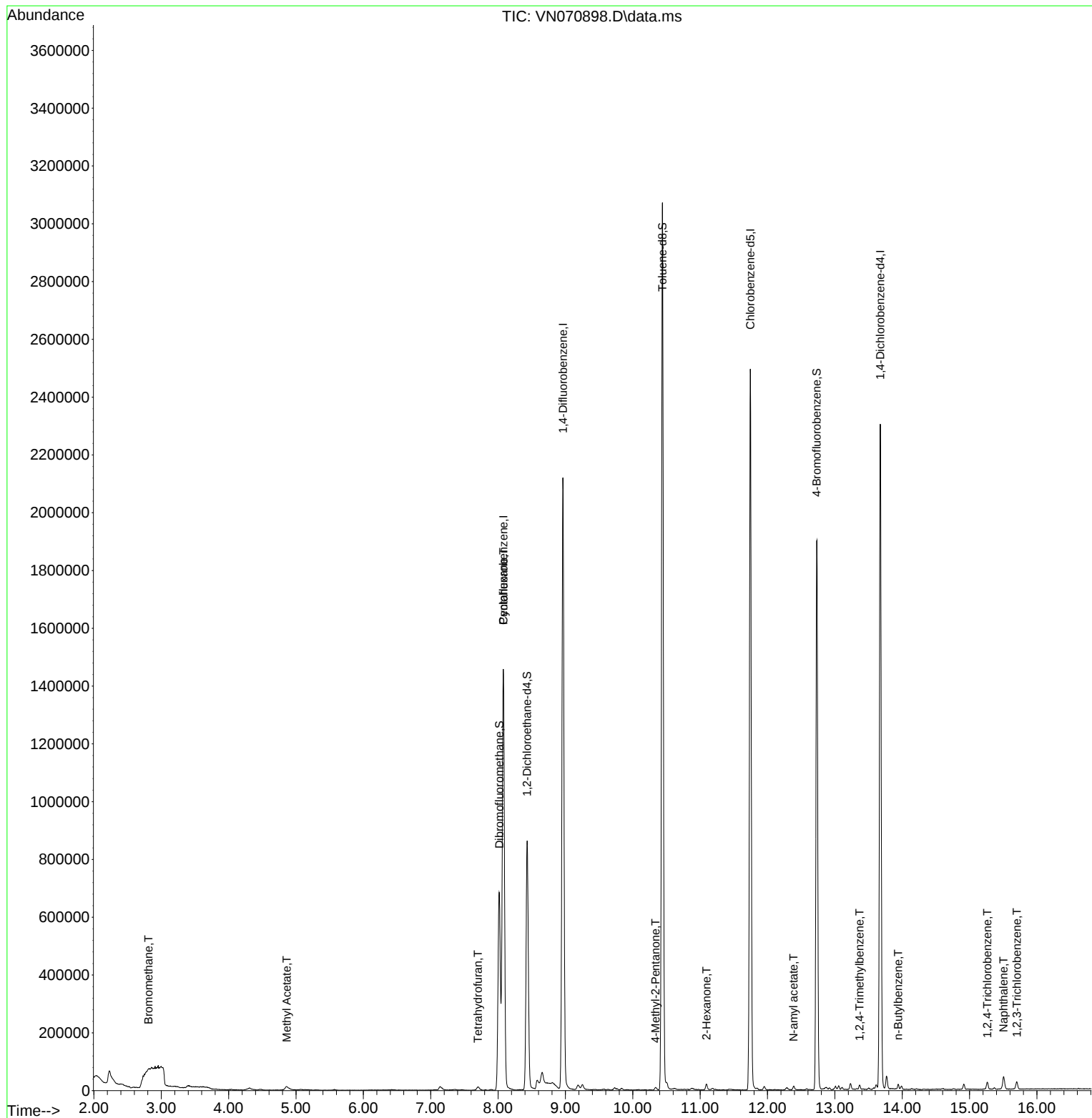
Internal Standards						
1) Pentafluorobenzene	8.078	168	1167693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1852125	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1450984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	635927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	730344	46.207	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.420%		
35) Dibromofluoromethane	8.019	113	527111	47.508	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.020%		
50) Toluene-d8	10.440	98	2156930	47.347	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.700%		
62) 4-Bromofluorobenzene	12.731	95	701863	42.758	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	85.520%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.810	94	2955	0.423	ug/l #	80
18) Methyl Acetate	4.862	43	30181	0.939	ug/l #	86
29) Tetrahydrofuran	7.699	42	10544	1.190	ug/l	91
31) Cyclohexane	8.078	56	24832	0.925	ug/l #	1
51) 4-Methyl-2-Pentanone	10.339	43	7330	0.298	ug/l	96
59) 2-Hexanone	11.095	43	16544	0.922	ug/l	91
74) N-amyl acetate	12.388	43	8999	0.362	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	9175	0.209	ug/l	98
89) n-Butylbenzene	13.940	91	11610	0.304	ug/l	92
93) 1,2,4-Trichlorobenzene	15.265	180	9110	0.776	ug/l	96
95) Naphthalene	15.504	128	42043	4.716	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	10090	2.571	ug/l	96

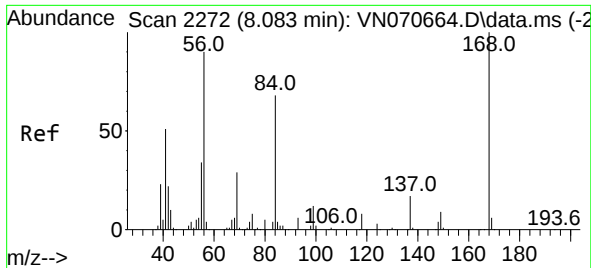
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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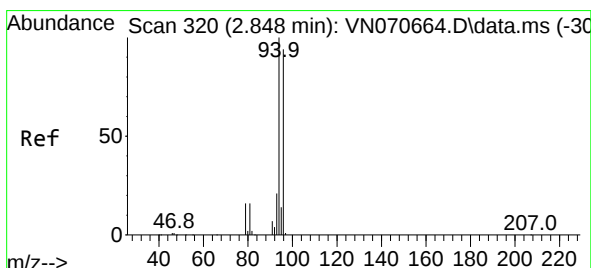
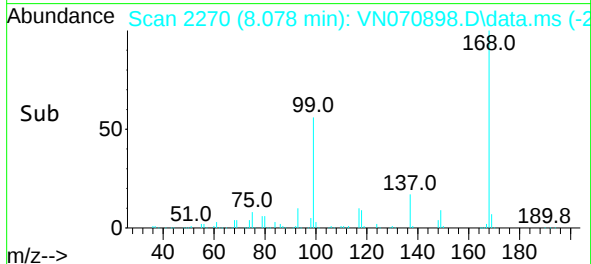
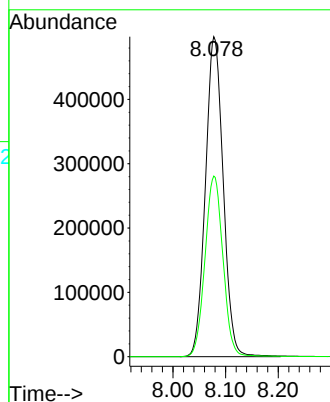
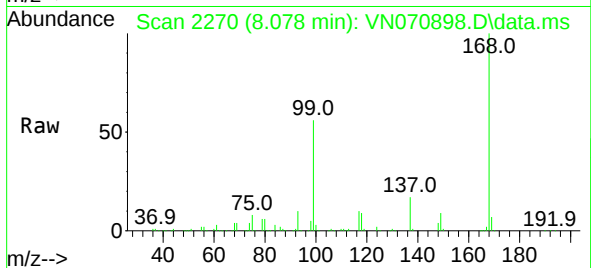




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.078 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070898.D
Acq: 2 Feb 2022 17:43

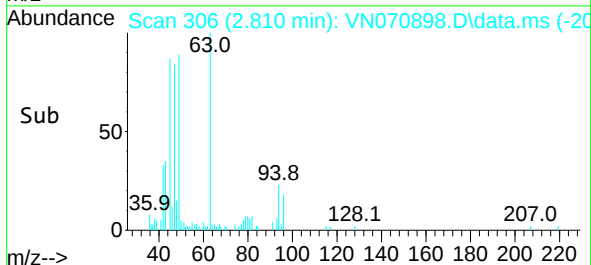
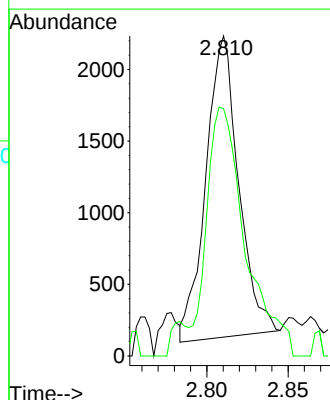
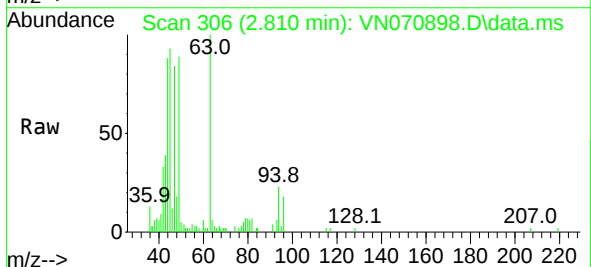
Instrument :
MSVOA_N
ClientSampleId :
CC-6ME

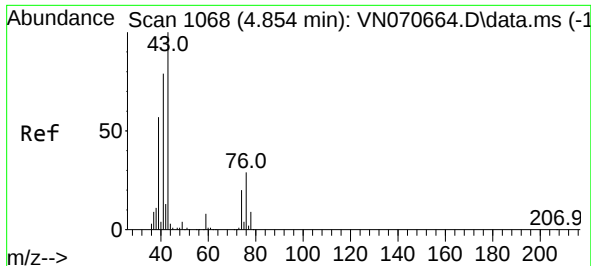
Tgt Ion:168 Resp: 1167693
Ion Ratio Lower Upper
168 100
99 56.4 41.3 61.9



#5
Bromomethane
Concen: 0.423 ug/l
RT: 2.810 min Scan# 306
Delta R.T. -0.022 min
Lab File: VN070898.D
Acq: 2 Feb 2022 17:43

Tgt Ion: 94 Resp: 2955
Ion Ratio Lower Upper
94 100
96 72.7 73.8 110.8#





#18

Methyl Acetate

Concen: 0.939 ug/l

RT: 4.862 min Scan# 1068

Delta R.T. 0.008 min

Lab File: VN070898.D

Acq: 2 Feb 2022 17:43

Instrument :

MSVOA_N

ClientSampleId :

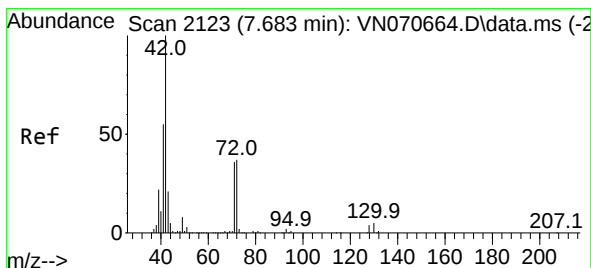
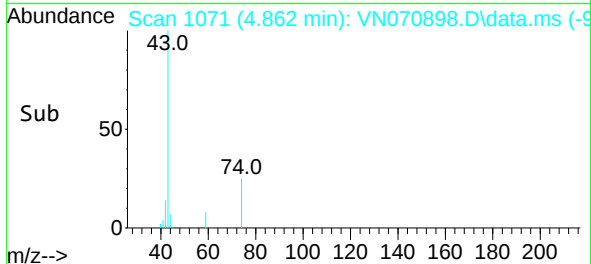
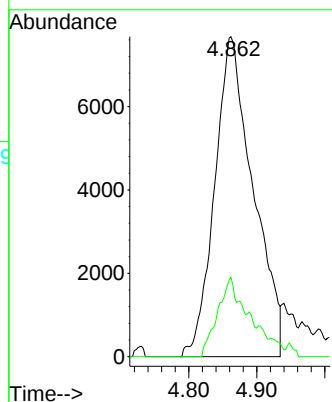
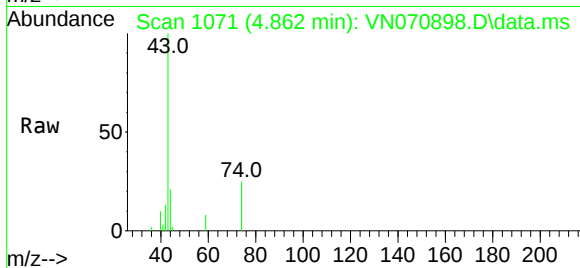
CC-6ME

Tgt Ion: 43 Resp: 30181

Ion Ratio Lower Upper

43 100

74 17.3 19.4 29.2#



#29

Tetrahydrofuran

Concen: 1.190 ug/l

RT: 7.699 min Scan# 2129

Delta R.T. 0.013 min

Lab File: VN070898.D

Acq: 2 Feb 2022 17:43

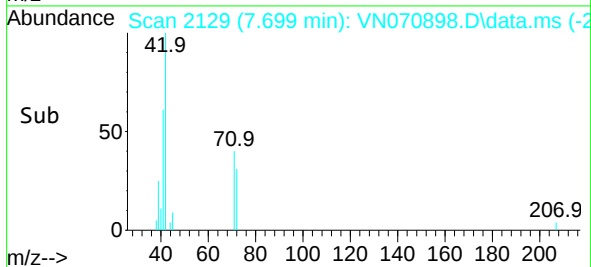
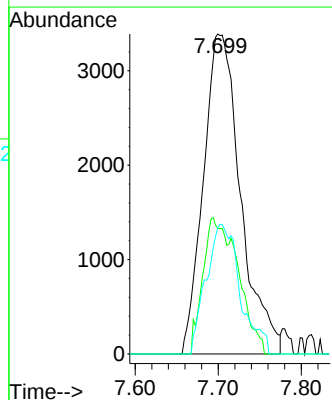
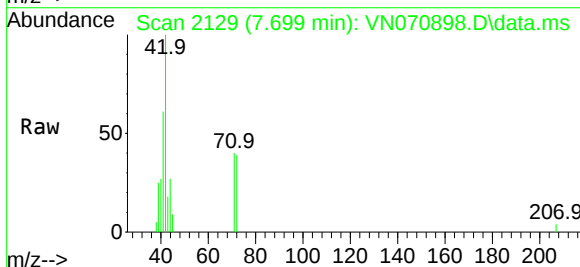
Tgt Ion: 42 Resp: 10544

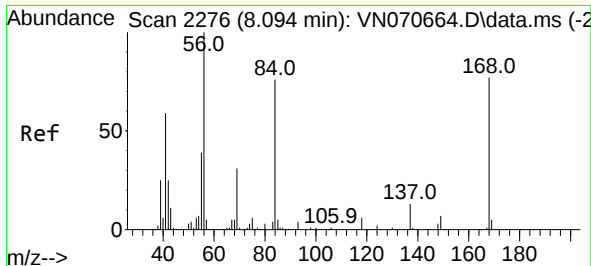
Ion Ratio Lower Upper

42 100

72 40.2 36.3 54.5

71 37.1 34.7 52.1

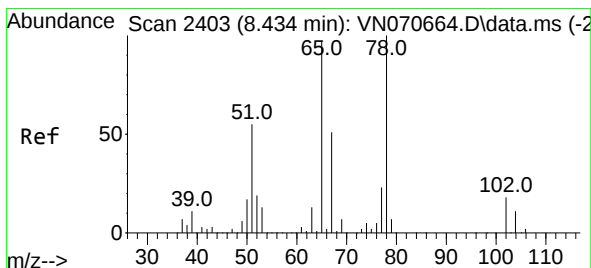
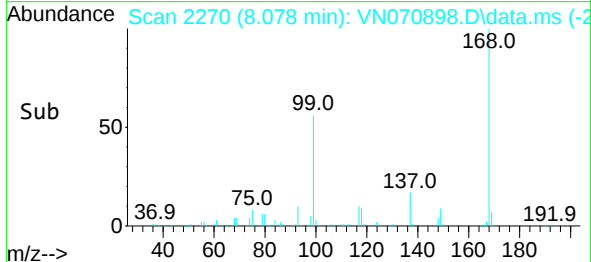
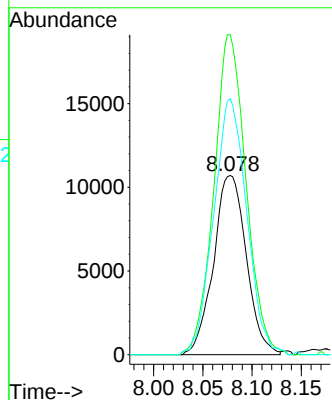
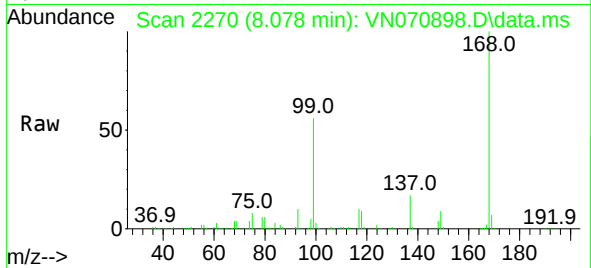




#31
Cyclohexane
Concen: 0.925 ug/l
RT: 8.078 min Scan# 21
Delta R.T. -0.016 min
Lab File: VN070898.D
Acq: 2 Feb 2022 17:43

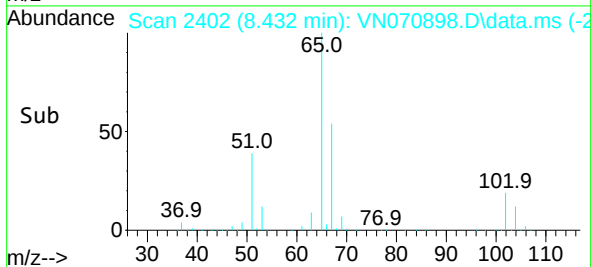
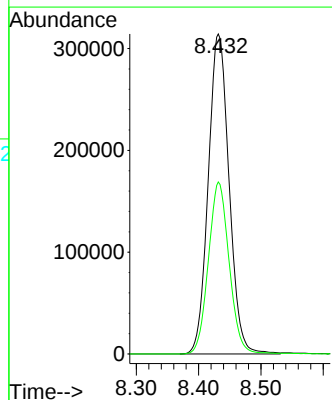
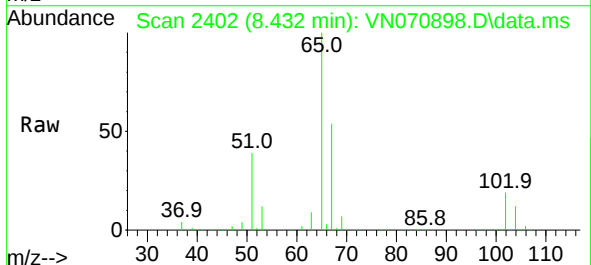
Instrument :
MSVOA_N
ClientSampleId :
CC-6ME

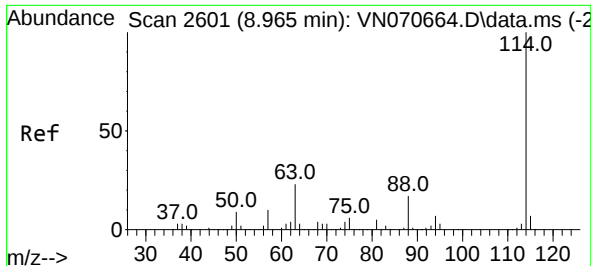
Tgt Ion: 56 Resp: 24832
Ion Ratio Lower Upper
56 100
69 178.6 27.1 40.7#
84 142.9 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 46.207 ug/l
RT: 8.432 min Scan# 2402
Delta R.T. -0.005 min
Lab File: VN070898.D
Acq: 2 Feb 2022 17:43

Tgt Ion: 65 Resp: 730344
Ion Ratio Lower Upper
65 100
67 53.4 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 2

Delta R.T. -0.003 min

Lab File: VN070898.D

Acq: 2 Feb 2022 17:43

Instrument :

MSVOA_N

ClientSampleId :

CC-6ME

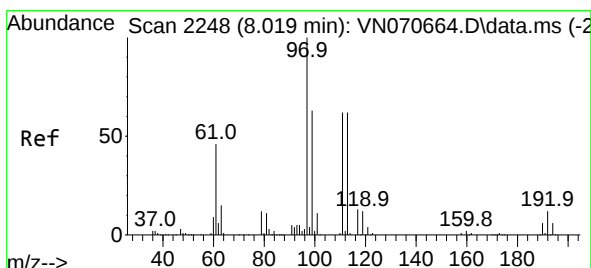
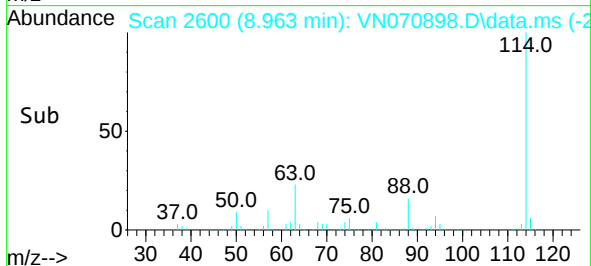
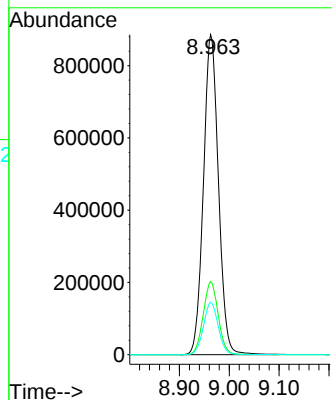
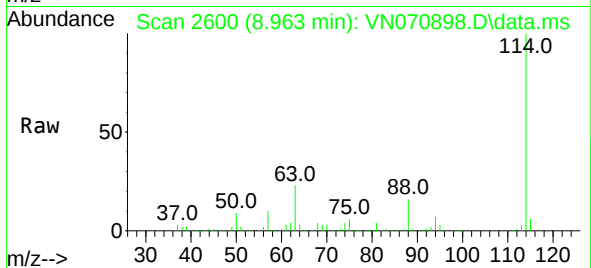
Tgt Ion:114 Resp: 1852125

Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.8

88 16.3 0.0 27.4



#35

Dibromofluoromethane

Concen: 47.508 ug/l

RT: 8.019 min Scan# 2248

Delta R.T. -0.003 min

Lab File: VN070898.D

Acq: 2 Feb 2022 17:43

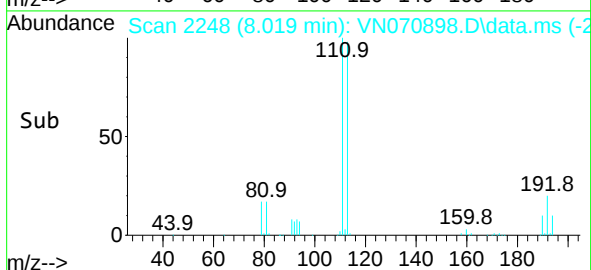
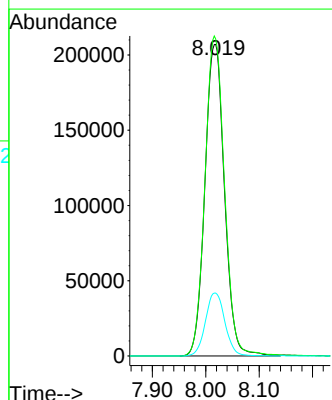
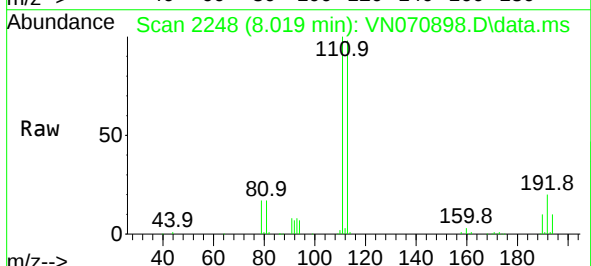
Tgt Ion:113 Resp: 527111

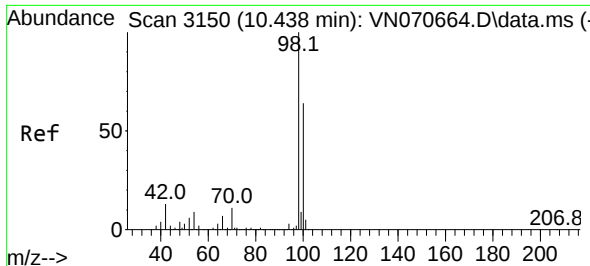
Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

192 20.1 16.9 25.3

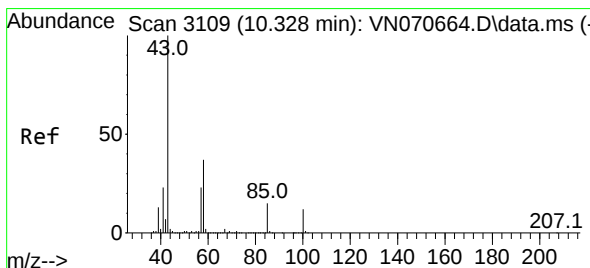
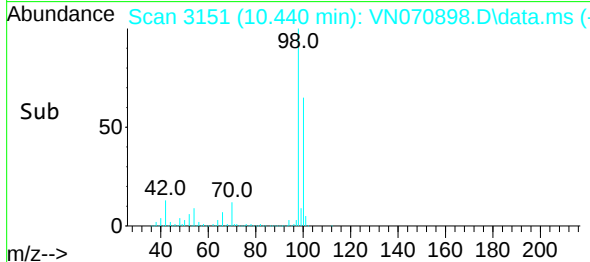
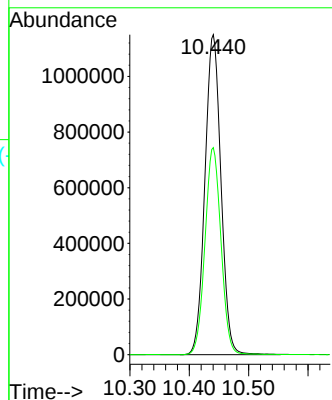
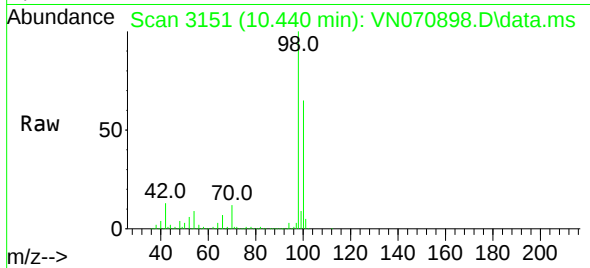




#50
Toluene-d8
Concen: 47.347 ug/l
RT: 10.440 min Scan# 3113
Delta R.T. -0.000 min
Lab File: VN070898.D
Acq: 2 Feb 2022 17:43

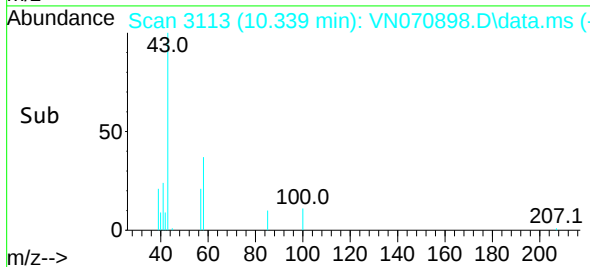
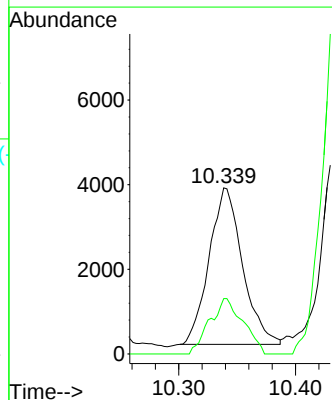
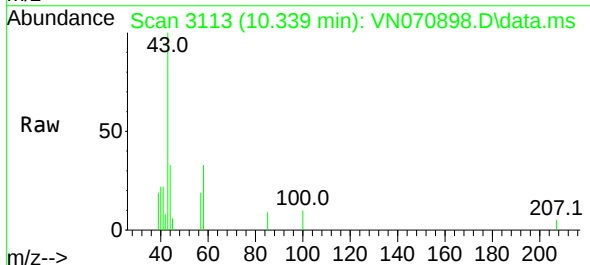
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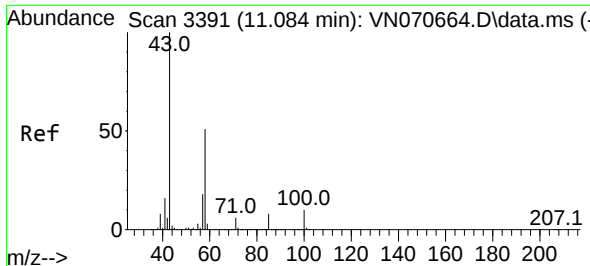
Tgt Ion: 98 Resp: 2156930
Ion Ratio Lower Upper
98 100
100 64.6 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.298 ug/l
RT: 10.339 min Scan# 3113
Delta R.T. 0.008 min
Lab File: VN070898.D
Acq: 2 Feb 2022 17:43

Tgt Ion: 43 Resp: 7330
Ion Ratio Lower Upper
43 100
58 35.5 30.4 45.6

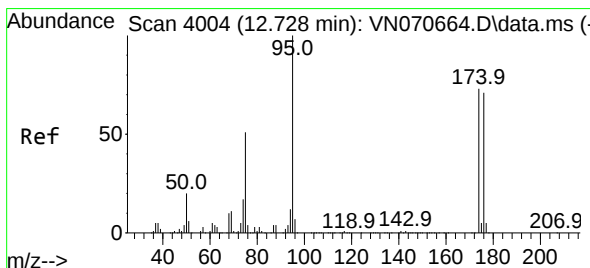
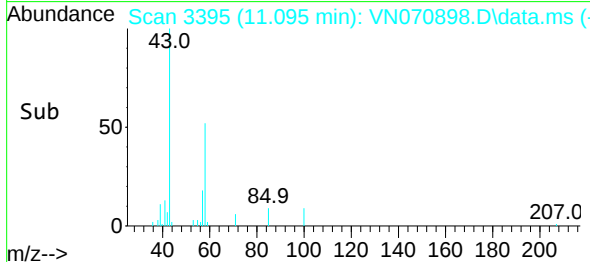
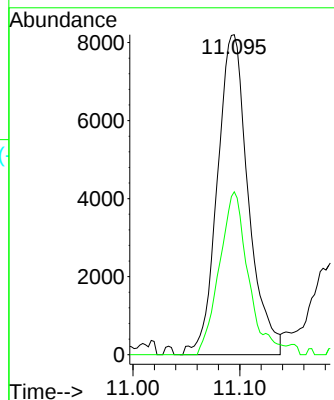
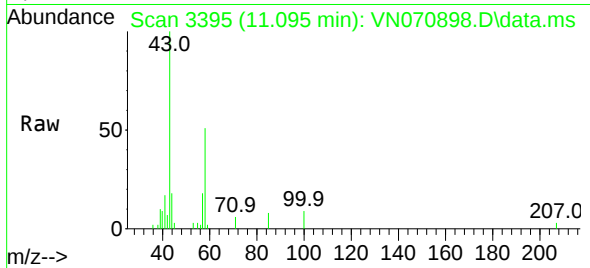




#59
2-Hexanone
Concen: 0.922 ug/l
RT: 11.095 min Scan# 31
Delta R.T. 0.011 min
Lab File: VN070898.D
Acq: 2 Feb 2022 17:43

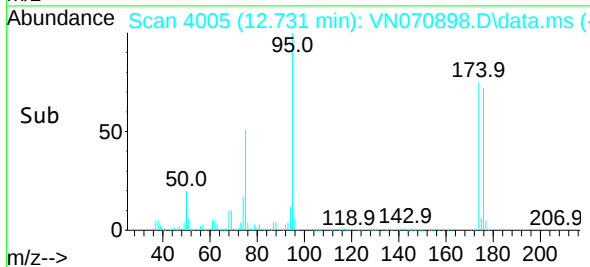
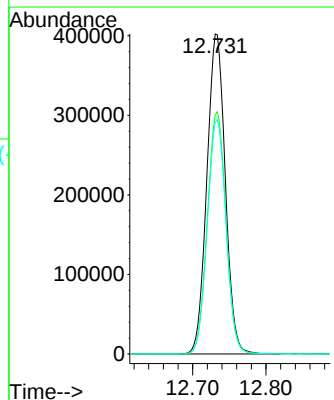
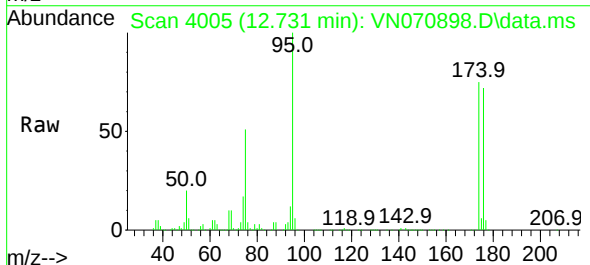
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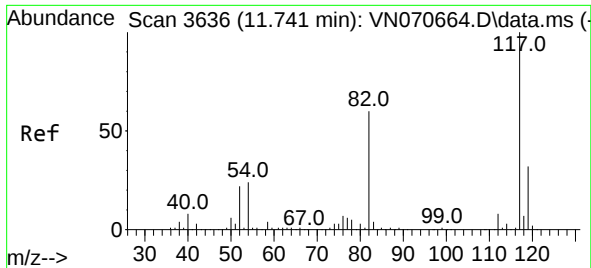
Tgt Ion: 43 Resp: 16544
Ion Ratio Lower Upper
43 100
58 47.7 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 42.758 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070898.D
Acq: 2 Feb 2022 17:43

Tgt Ion: 95 Resp: 701863
Ion Ratio Lower Upper
95 100
174 76.7 0.0 187.2
176 74.1 0.0 181.4

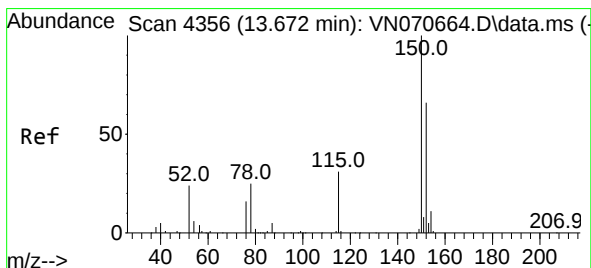
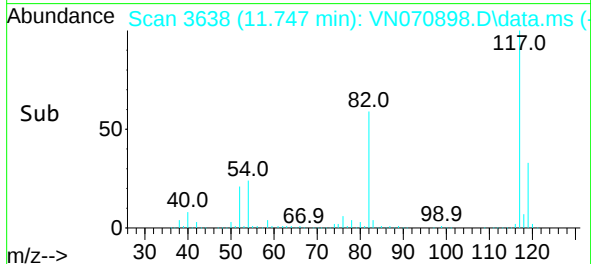
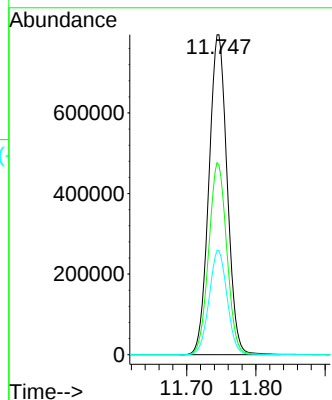
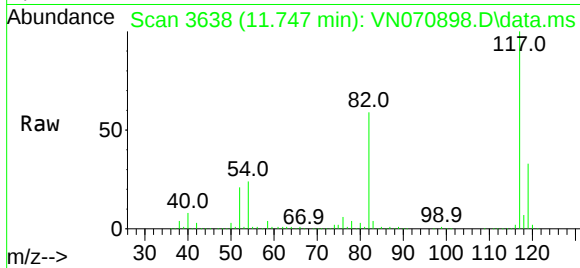




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 30
Delta R.T. 0.003 min
Lab File: VN070898.D
Acq: 2 Feb 2022 17:43

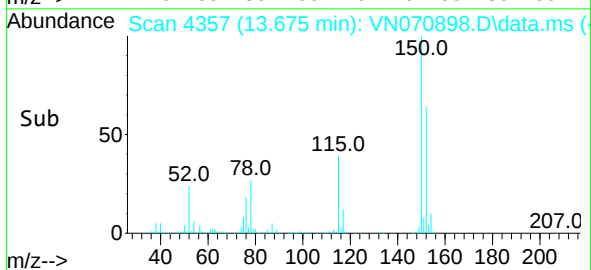
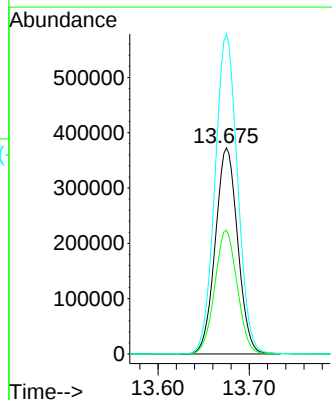
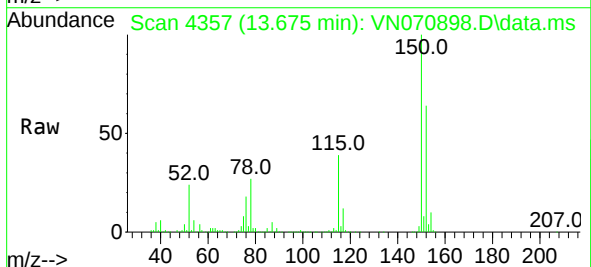
Instrument :
MSVOA_N
ClientSampleId :
CC-6ME

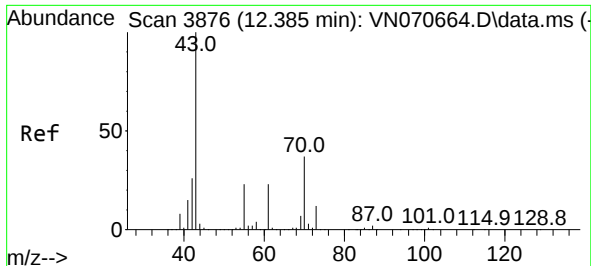
Tgt Ion:117 Resp: 1450984
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070898.D
Acq: 2 Feb 2022 17:43

Tgt Ion:152 Resp: 635927
Ion Ratio Lower Upper
152 100
115 60.3 27.5 82.5
150 156.3 0.0 344.4

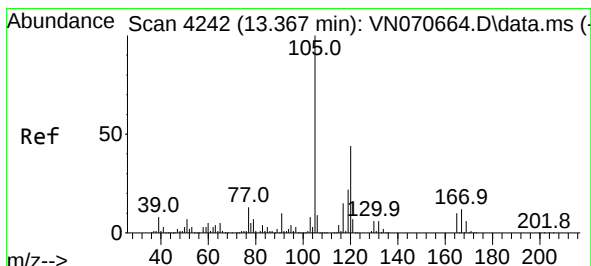
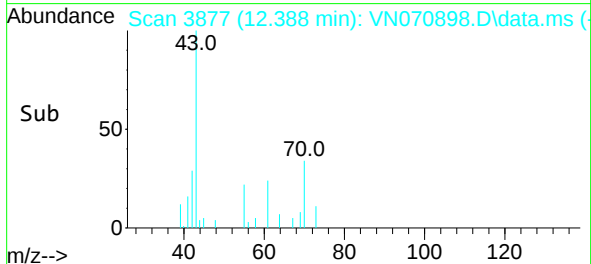
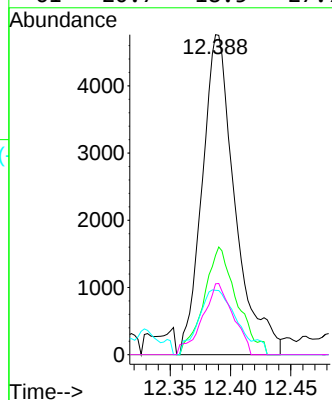
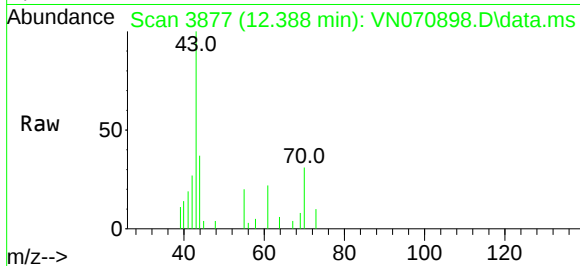




#74
N-amy1 acetate
Concen: 0.362 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. -0.000 min
Lab File: VN070898.D
Acq: 2 Feb 2022 17:43

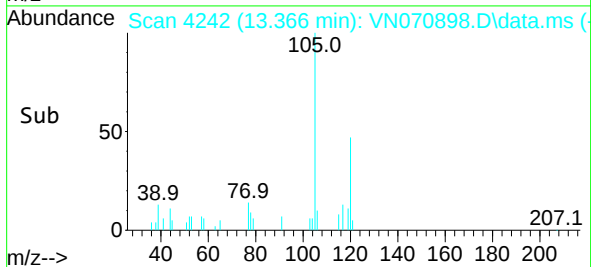
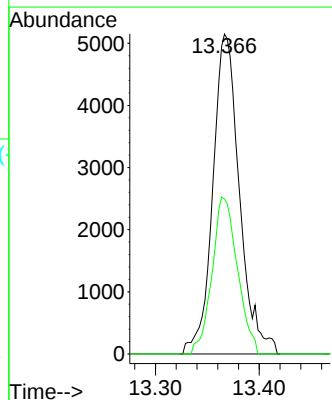
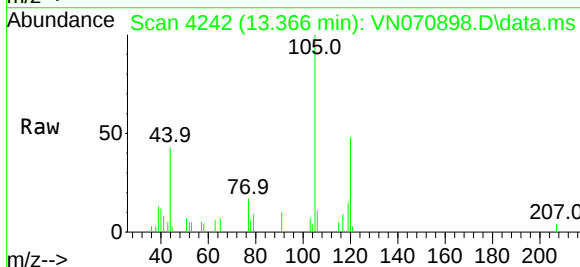
Instrument :
MSVOA_N
ClientSampleId :
CC-6ME

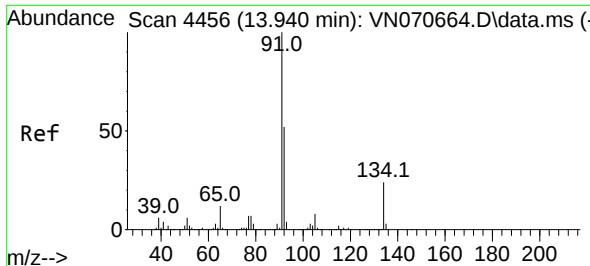
Tgt Ion:	43	Resp:	8999
Ion	Ratio	Lower	Upper
43	100		
70	33.7	33.4	50.0
55	24.0	19.3	28.9
61	20.7	18.5	27.7



#84
1,2,4-Trimethylbenzene
Concen: 0.209 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.000 min
Lab File: VN070898.D
Acq: 2 Feb 2022 17:43

Tgt Ion:	105	Resp:	9175
Ion	Ratio	Lower	Upper
105	100		
120	46.6	22.8	68.4

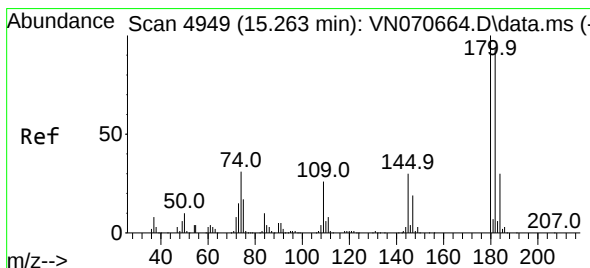
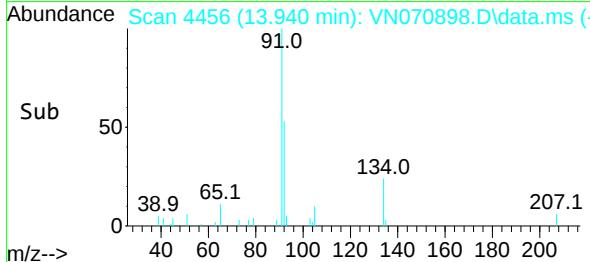
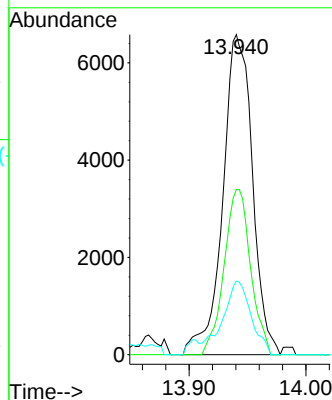
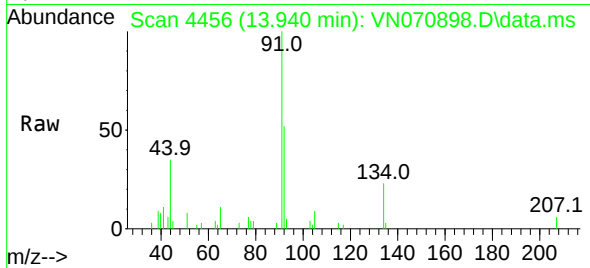




#89
n-Butylbenzene
Concen: 0.304 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. -0.000 min
Lab File: VN070898.D
Acq: 2 Feb 2022 17:43

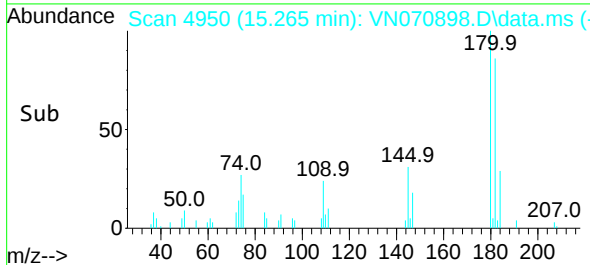
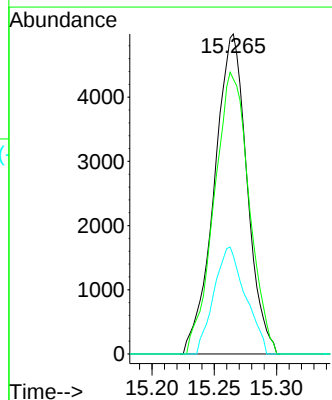
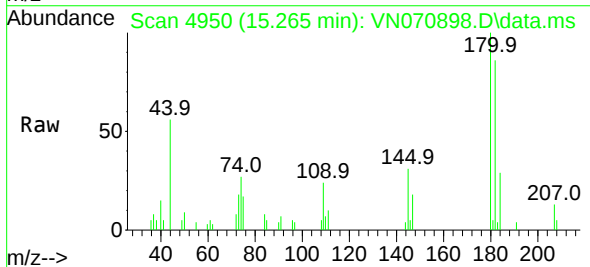
Instrument :
MSVOA_N
ClientSampleId :
CC-6ME

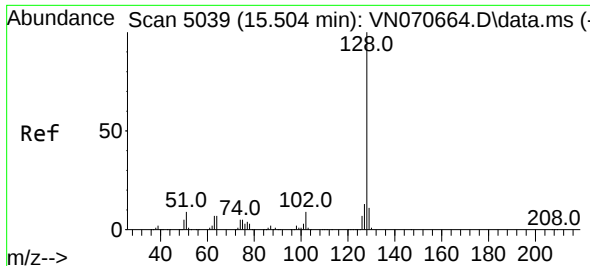
Tgt Ion:	91	Resp:	11610
Ion	Ratio	Lower	Upper
91	100		
92	46.1	25.4	76.0
134	22.0	13.6	40.8



#93
1,2,4-Trichlorobenzene
Concen: 0.776 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.003 min
Lab File: VN070898.D
Acq: 2 Feb 2022 17:43

Tgt Ion:	180	Resp:	9110
Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.3	144.9
145	32.1	14.5	43.5

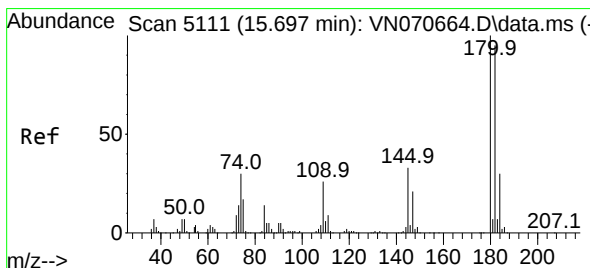
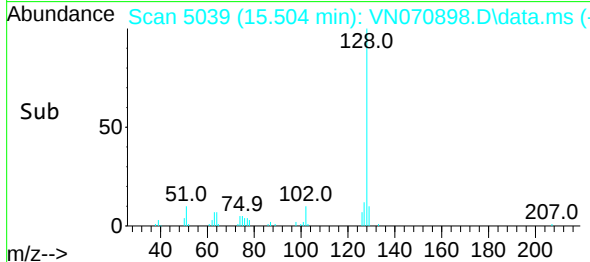
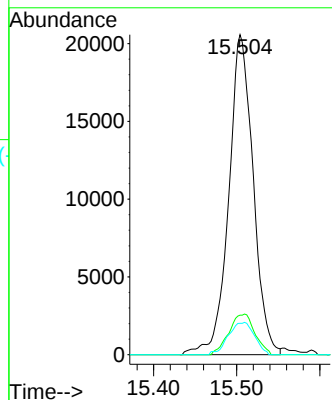
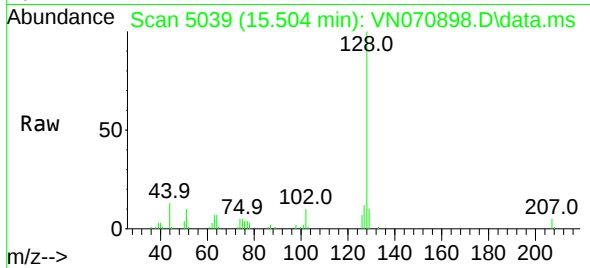




#95
Naphthalene
Concen: 4.716 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070898.D
Acq: 2 Feb 2022 17:43

Instrument :
MSVOA_N
ClientSampleId :
CC-6ME

Tgt Ion:128 Resp: 42043
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.571 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN070898.D
Acq: 2 Feb 2022 17:43

Tgt Ion:180 Resp: 10090
Ion Ratio Lower Upper
180 100
182 91.2 47.4 142.2
145 32.3 15.0 45.1

