

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012622\
 Data File : VN070787.D
 Acq On : 26 Jan 2022 14:07
 Operator : JC/MD
 Sample : N1248-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C1-C2

Quant Time: Jan 27 03:32:24 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	851235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1352997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1218090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	472417	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	584359	47.900	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.800%
35) Dibromofluoromethane	8.021	113	398670	47.502	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.000%
50) Toluene-d8	10.440	98	1696966	47.996	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.000%
62) 4-Bromofluorobenzene	12.731	95	544828	43.244	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.480%

Target Compounds				Qvalue		
5) Bromomethane	2.885	94	2569	0.361	ug/l #	80
11) Tert butyl alcohol	5.382	59	1050	0.477	ug/l #	71
13) Acrolein	4.044	56	1277	0.405	ug/l	85
16) Acetone	4.291	43	60106	7.099	ug/l	95
18) Methyl Acetate	4.862	43	8956	0.538	ug/l #	86
20) Methylene Chloride	5.090	84	15376	1.379	ug/l	93
25) 2-Butanone	7.343	43	27894	2.618	ug/l	96
29) Tetrahydrofuran	7.697	42	3812	0.584	ug/l #	63
30) Chloroform	7.815	83	81	Below Cal	#	18
31) Cyclohexane	8.088	56	19975	0.930	ug/l #	21
36) 1,1-Dichloropropene	8.083	75	71024	5.027	ug/l #	43
37) Ethyl Acetate	7.343	43	27894	1.487	ug/l #	69
38) Carbon Tetrachloride	8.083	117	86627	6.892	ug/l #	16
43) Isopropyl Acetate	8.560	43	70627	2.465	ug/l #	87
45) 1,2-Dichloropropane	9.625	63	3047	0.256	ug/l #	44
48) Methyl methacrylate	9.542	41	21295	1.560	ug/l #	22
49) 1,4-Dioxane	9.566	88	173	0.844	ug/l #	1
51) 4-Methyl-2-Pentanone	10.330	43	19639	1.074	ug/l	99
52) Toluene	10.499	92	5649	0.216	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	92	2.409	ug/l	93
54) cis-1,3-Dichloropropene	10.242	75	99353	5.852	ug/l #	61
56) Ethyl methacrylate	10.757	69	1590	2.379	ug/l #	24
57) 1,3-Dichloropropane	11.089	76	38576	2.118	ug/l #	43
58) 2-Chloroethyl Vinyl ether	10.033	63	136	21.262	ug/l #	45
59) 2-Hexanone	11.089	43	694087	52.262	ug/l #	50
67) Ethyl Benzene	11.846	91	13849	0.283	ug/l	96
68) m/p-Xylenes	11.950	106	16143	0.907	ug/l	90
69) o-Xylene	12.278	106	8507	0.482	ug/l	98
74) N-amyl acetate	12.387	43	10670	0.584	ug/l	95
76) 1,2,3-Trichloropropane	12.728	75	291912	23.298	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.058	105	10187	0.282	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.728	75	291912	69.407	ug/l #	5
82) 4-Chlorotoluene	13.106	91	6191	0.210	ug/l	85
84) 1,2,4-Trimethylbenzene	13.366	105	22800	0.656	ug/l	96
86) p-Isopropyltoluene	13.613	119	6895	0.205	ug/l	95
87) 1,3-Dichlorobenzene	13.616	146	4883	0.293	ug/l	94

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 ALS Vial : 7 Sample Multiplier: 1

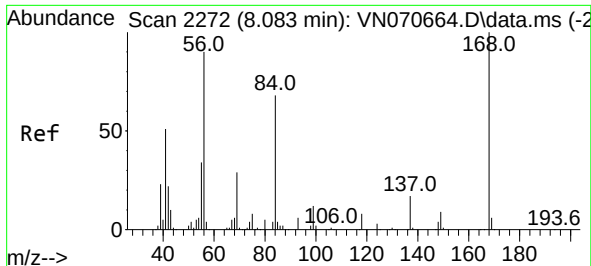
Instrument :
 MSVOA_N
 ClientSampleId :
 C1-C2

Quant Time: Jan 27 03:32:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
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 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

88) 1,4-Dichlorobenzene	13.616	146	4883	0.294	ug/l	93
89) n-Butylbenzene	13.943	91	12604	0.455	ug/l	97
91) 1,2-Dichlorobenzene	13.986	146	5840	0.355	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.600	75	1160	0.453	ug/l	80
93) 1,2,4-Trichlorobenzene	15.263	180	9699	4.460	ug/l	96
94) Hexachlorobutadiene	15.370	225	1591	0.326	ug/l #	58
95) Naphthalene	15.504	128	37725	6.336	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	10937	4.443	ug/l	94

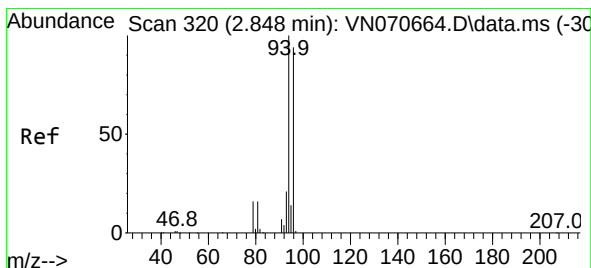
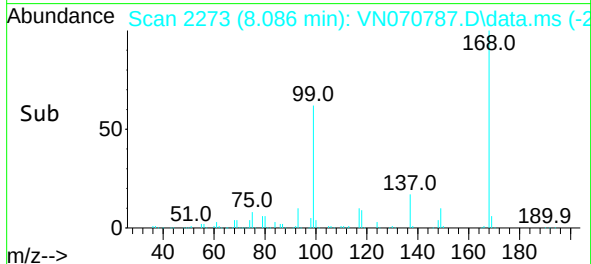
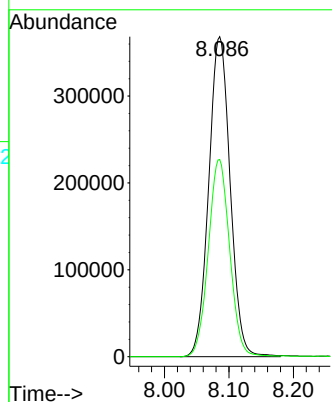
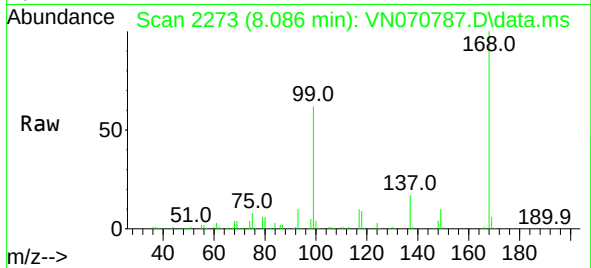
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070787.D
Acq: 26 Jan 2022 14:07

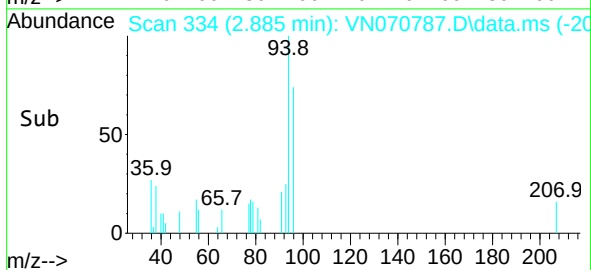
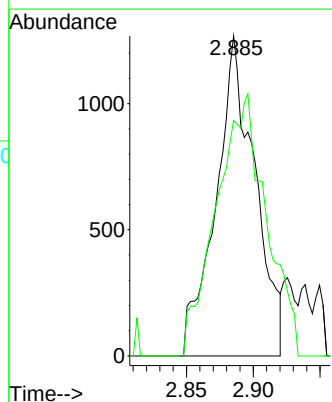
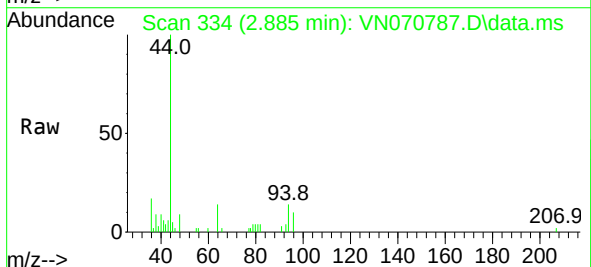
Instrument :
MSVOA_N
ClientSampleId :
C1-C2

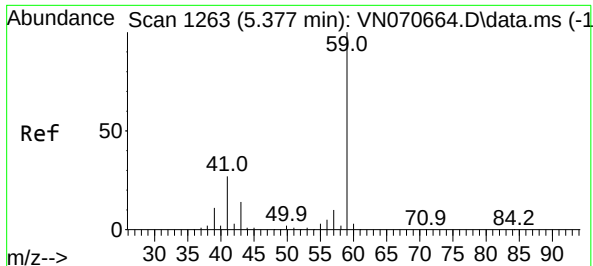
Tgt Ion:168 Resp: 851235
Ion Ratio Lower Upper
168 100
99 61.6 41.3 61.9



#5
Bromomethane
Concen: 0.361 ug/l
RT: 2.885 min Scan# 334
Delta R.T. 0.037 min
Lab File: VN070787.D
Acq: 26 Jan 2022 14:07

Tgt Ion: 94 Resp: 2569
Ion Ratio Lower Upper
94 100
96 73.6 73.8 110.8#

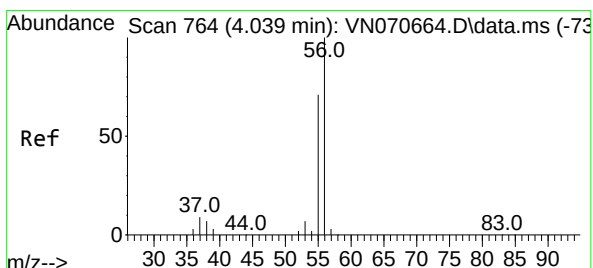
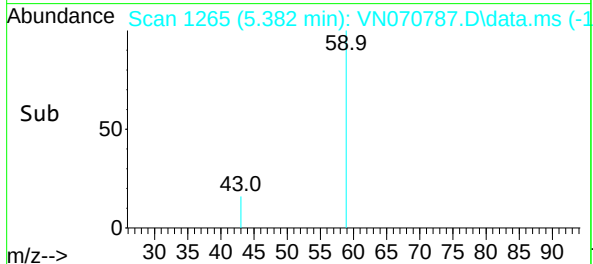
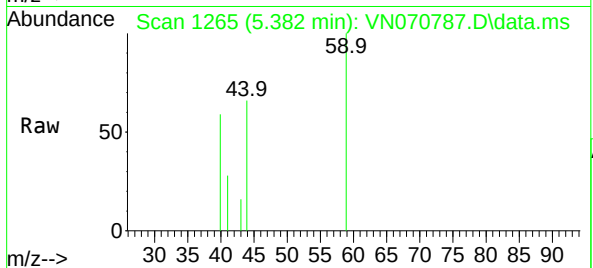




#11
Tert butyl alcohol
Concen: 0.477 ug/l
RT: 5.382 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN070787.D
Acq: 26 Jan 2022 14:07

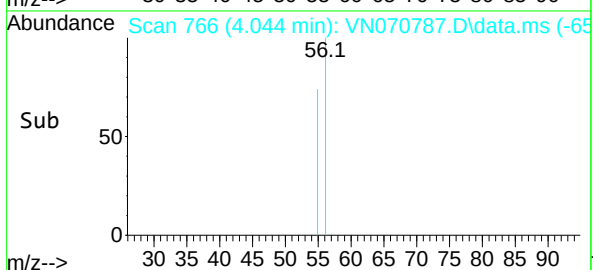
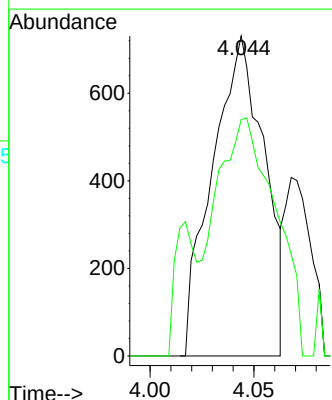
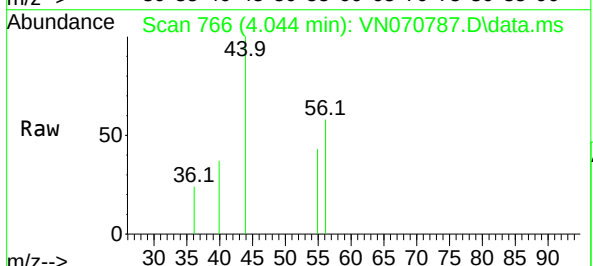
Instrument :
MSVOA_N
ClientSampleId :
C1-C2

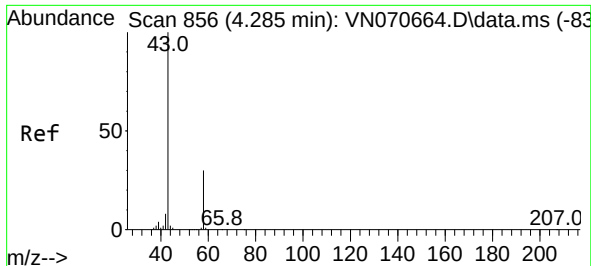
Tgt Ion: 59 Resp: 1050
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 0.405 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN070787.D
Acq: 26 Jan 2022 14:07

Tgt Ion: 56 Resp: 1277
Ion Ratio Lower Upper
56 100
55 82.9 56.6 85.0

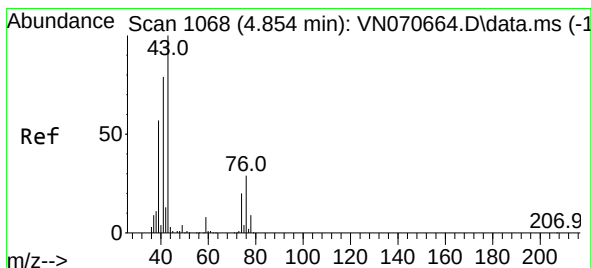
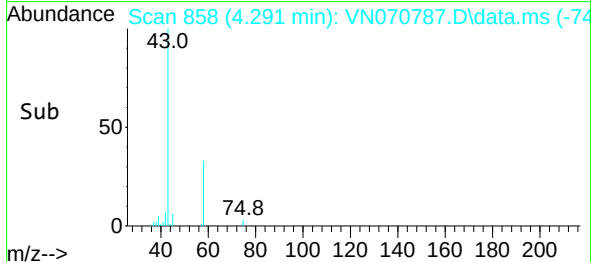
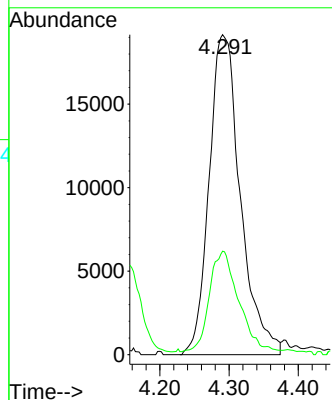
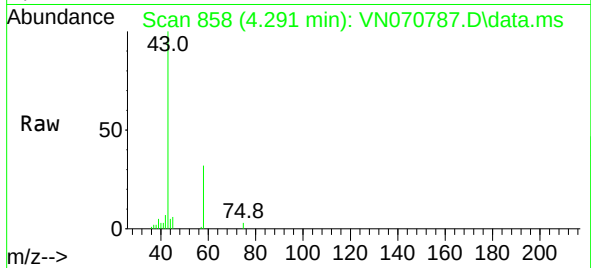




#16
Acetone
Concen: 7.099 ug/l
RT: 4.291 min Scan# 856
Delta R.T. 0.006 min
Lab File: VN070787.D
Acq: 26 Jan 2022 14:07

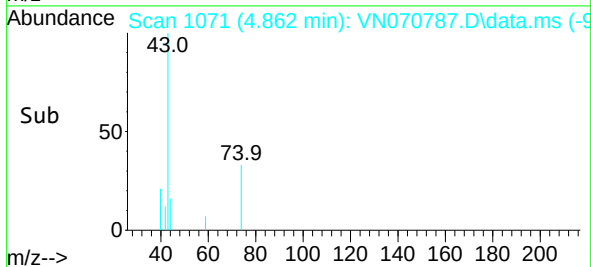
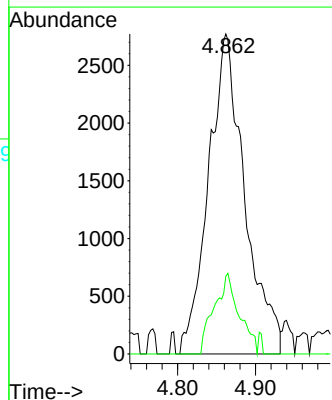
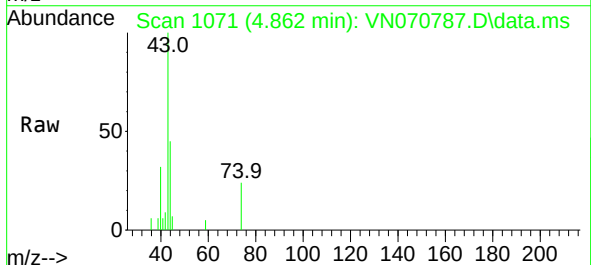
Instrument :
MSVOA_N
ClientSampleId :
C1-C2

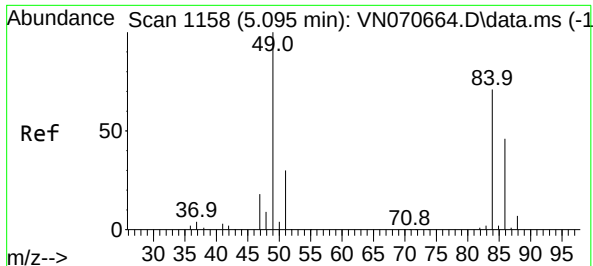
Tgt Ion: 43 Resp: 60106
Ion Ratio Lower Upper
43 100
58 31.4 23.1 34.7



#18
Methyl Acetate
Concen: 0.538 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.008 min
Lab File: VN070787.D
Acq: 26 Jan 2022 14:07

Tgt Ion: 43 Resp: 8956
Ion Ratio Lower Upper
43 100
74 17.3 19.4 29.2#

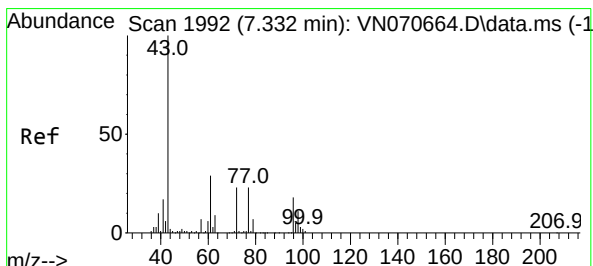
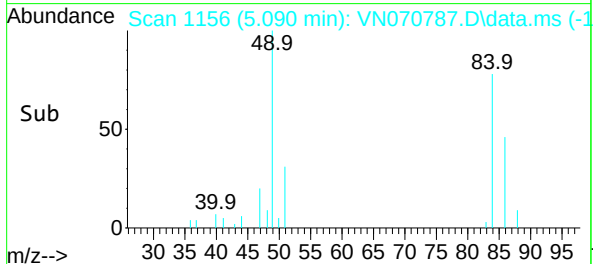
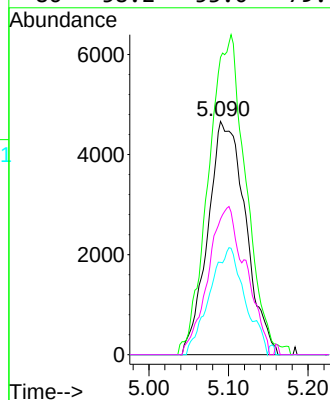
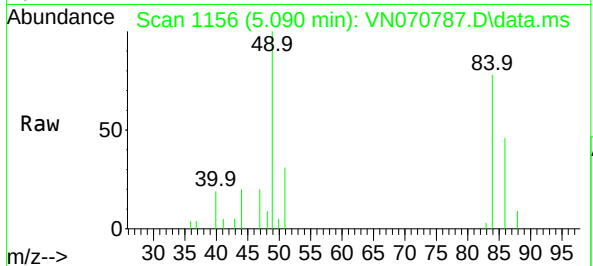




#20
Methylene Chloride
Concen: 1.379 ug/l
RT: 5.090 min Scan# 1158
Delta R.T. -0.005 min
Lab File: VN070787.D
Acq: 26 Jan 2022 14:07

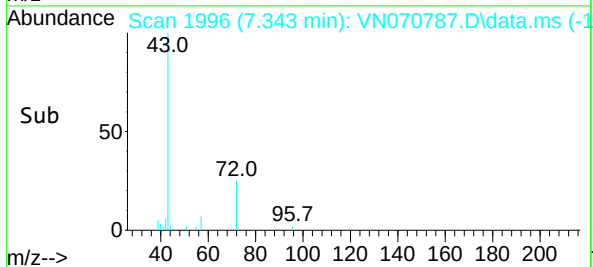
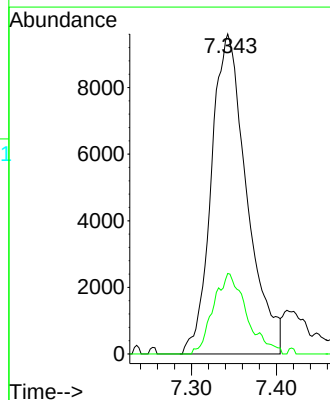
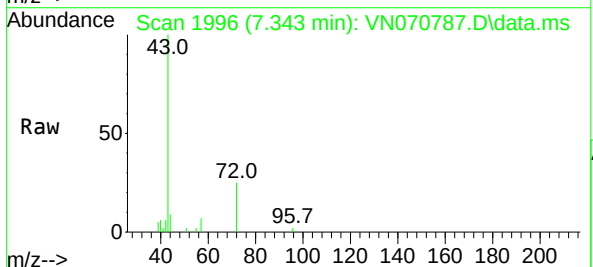
Instrument :
MSVOA_N
ClientSampleId :
C1-C2

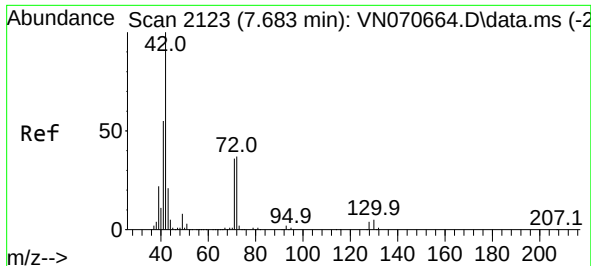
Tgt Ion:	84	Resp:	15376
Ion	Ratio	Lower	Upper
84	100		
49	124.0	93.5	140.3
51	39.5	29.4	44.2
86	58.2	53.0	79.4



#25
2-Butanone
Concen: 2.618 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.011 min
Lab File: VN070787.D
Acq: 26 Jan 2022 14:07

Tgt Ion:	43	Resp:	27894
Ion	Ratio	Lower	Upper
43	100		
72	25.1	21.7	32.5





#29

Tetrahydrofuran

Concen: 0.584 ug/l

RT: 7.697 min Scan# 2128

Delta R.T. 0.014 min

Lab File: VN070787.D

Acq: 26 Jan 2022 14:07

Instrument :

MSVOA_N

ClientSampleId :

C1-C2

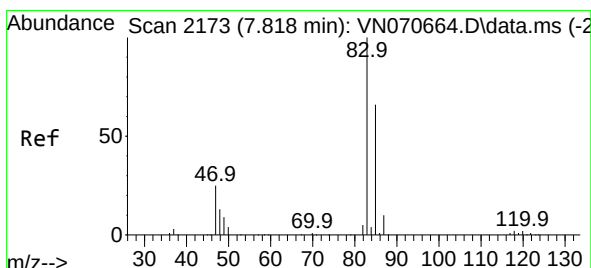
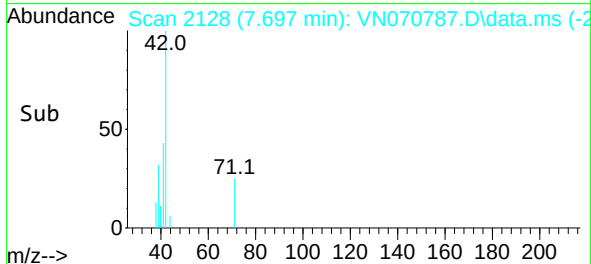
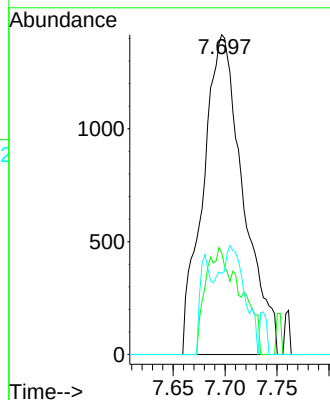
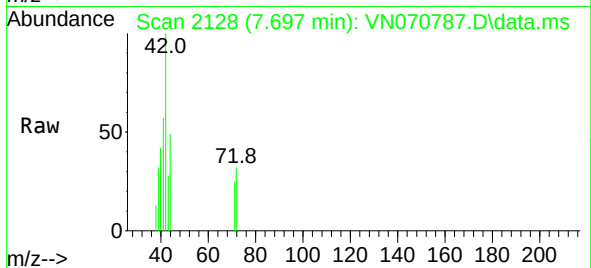
Tgt Ion: 42 Resp: 3812

Ion Ratio Lower Upper

42 100

72 23.6 36.3 54.5#

71 17.0 34.7 52.1#



#30

Chloroform

Concen: Below Cal

RT: 7.815 min Scan# 2172

Delta R.T. -0.003 min

Lab File: VN070787.D

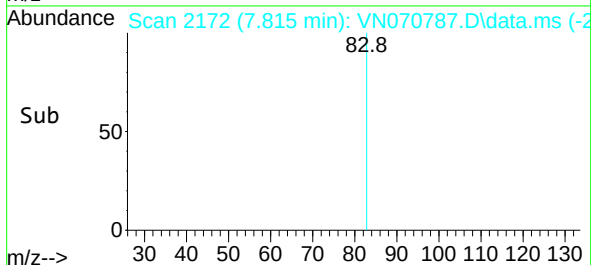
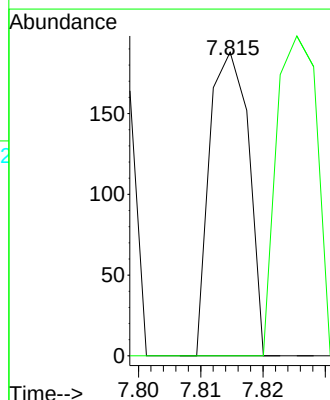
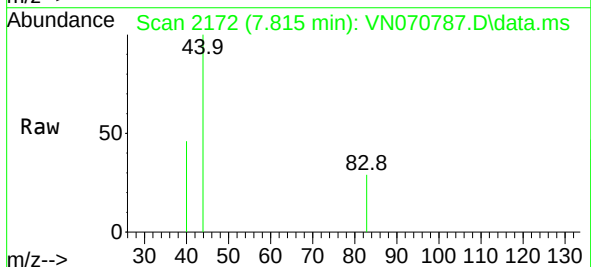
Acq: 26 Jan 2022 14:07

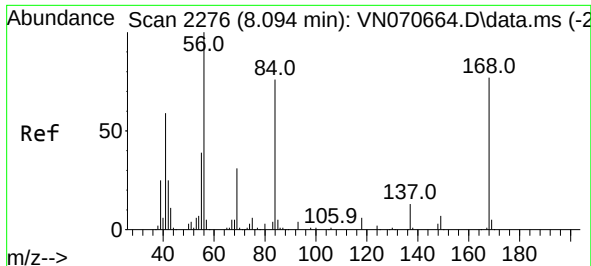
Tgt Ion: 83 Resp: 81

Ion Ratio Lower Upper

83 100

85 0.0 51.9 77.9#

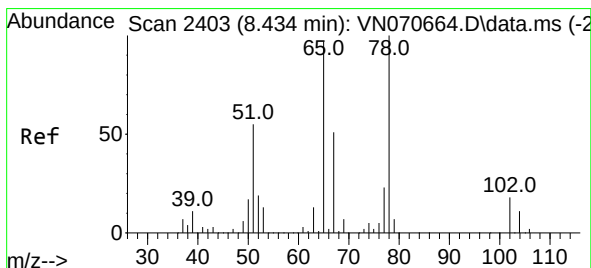
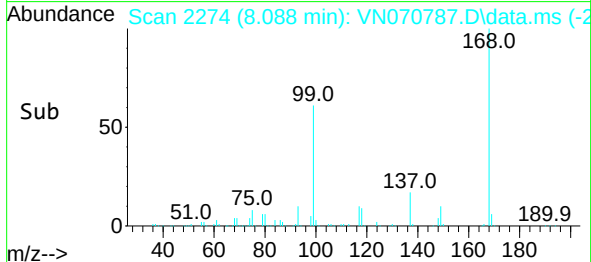
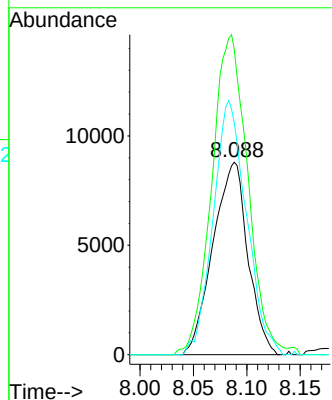
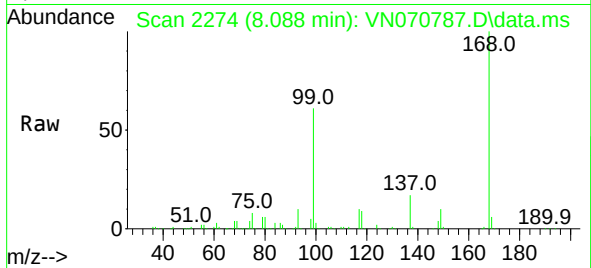




#31
Cyclohexane
Concen: 0.930 ug/l
RT: 8.088 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070787.D
Acq: 26 Jan 2022 14:07

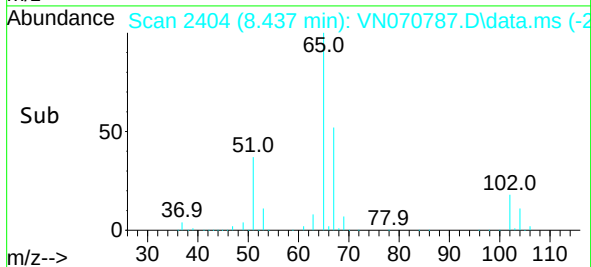
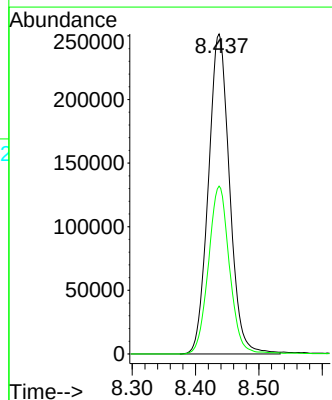
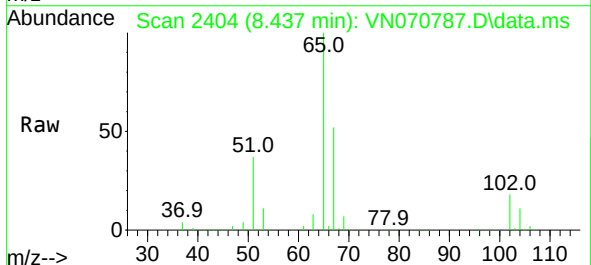
Instrument :
MSVOA_N
ClientSampleId :
C1-C2

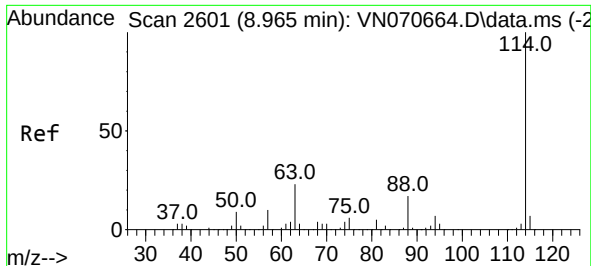
Tgt Ion: 56 Resp: 19975
Ion Ratio Lower Upper
56 100
69 155.7 27.1 40.7#
84 120.3 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 47.900 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070787.D
Acq: 26 Jan 2022 14:07

Tgt Ion: 65 Resp: 584359
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.0

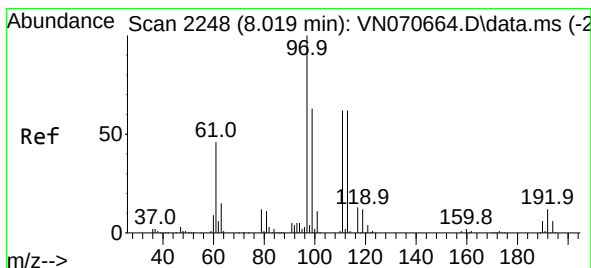
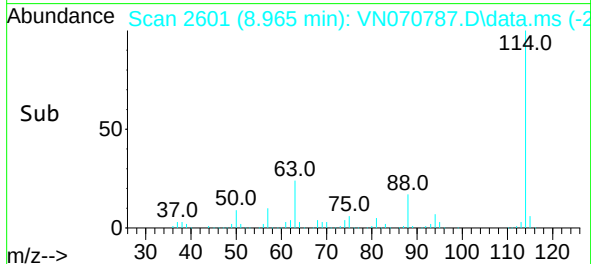
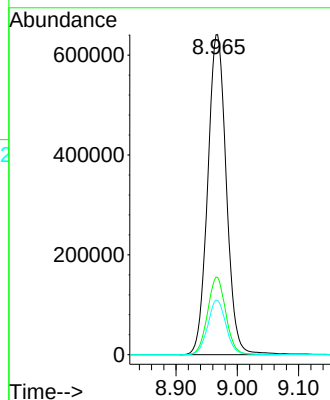
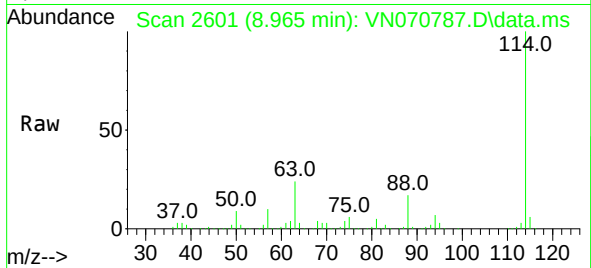




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. 0.000 min
Lab File: VN070787.D
Acq: 26 Jan 2022 14:07

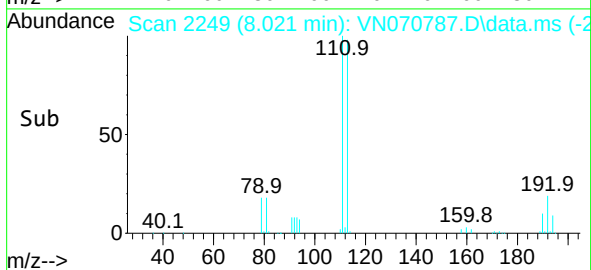
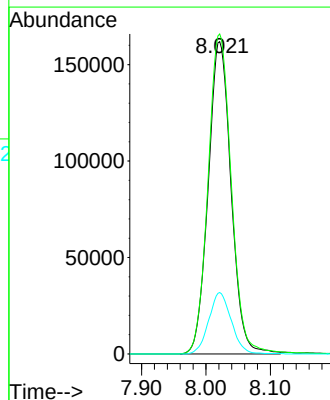
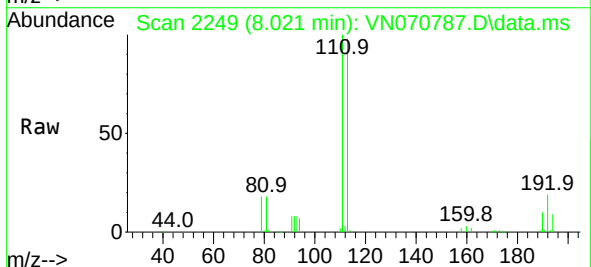
Instrument :
MSVOA_N
ClientSampleId :
C1-C2

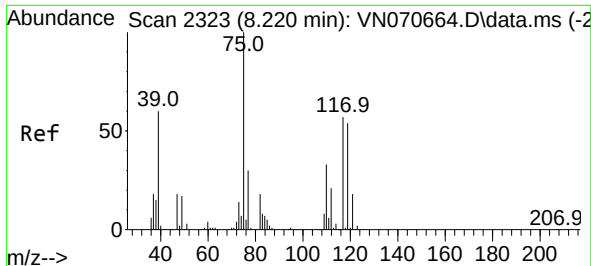
Tgt Ion:114 Resp: 1352997
Ion Ratio Lower Upper
114 100
63 24.3 0.0 37.8
88 17.1 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.502 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.002 min
Lab File: VN070787.D
Acq: 26 Jan 2022 14:07

Tgt Ion:113 Resp: 398670
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.2
192 19.4 16.9 25.3

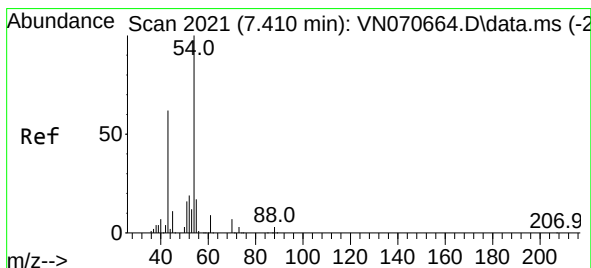
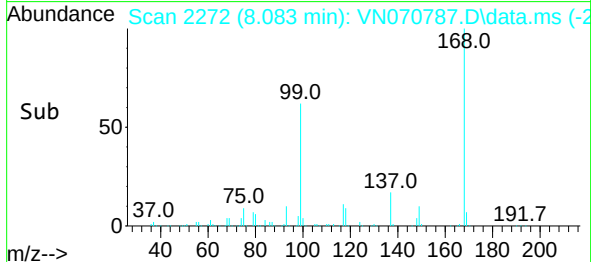
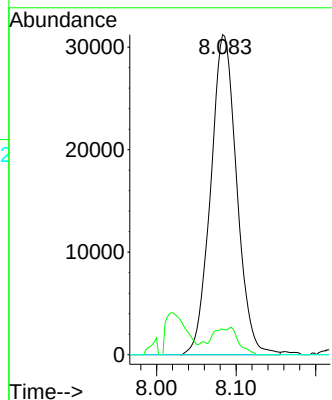
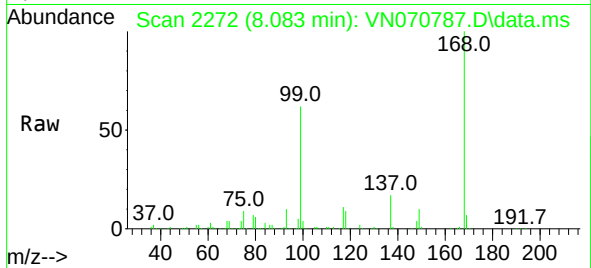




#36
 1,1-Dichloropropene
 Concen: 5.027 ug/l
 RT: 8.083 min Scan# 21
 Delta R.T. -0.137 min
 Lab File: VN070787.D
 Acq: 26 Jan 2022 14:07

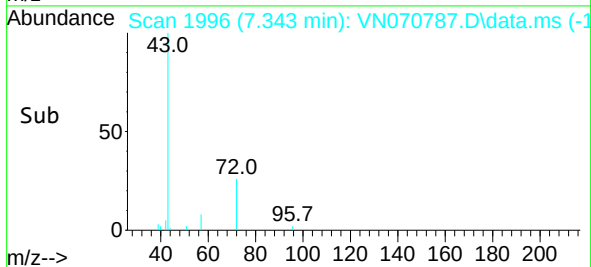
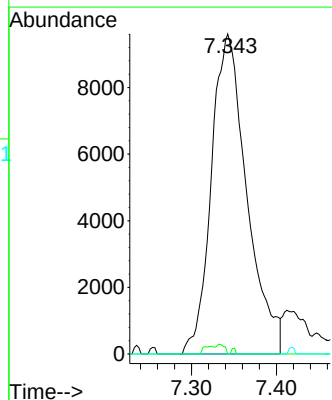
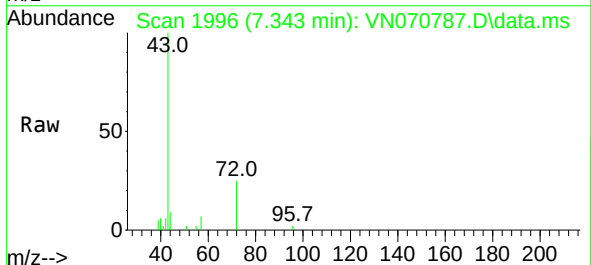
Instrument :
 MSVOA_N
 ClientSampleId :
 C1-C2

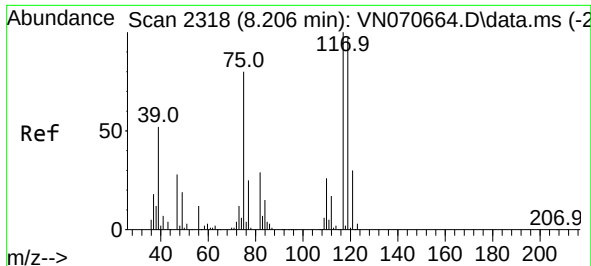
Tgt Ion: 75 Resp: 71024
 Ion Ratio Lower Upper
 75 100
 110 2.3 18.4 55.2#
 77 0.0 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 1.487 ug/l
 RT: 7.343 min Scan# 1996
 Delta R.T. -0.067 min
 Lab File: VN070787.D
 Acq: 26 Jan 2022 14:07

Tgt Ion: 43 Resp: 27894
 Ion Ratio Lower Upper
 43 100
 61 0.2 11.5 17.3#
 70 0.0 7.9 11.9#

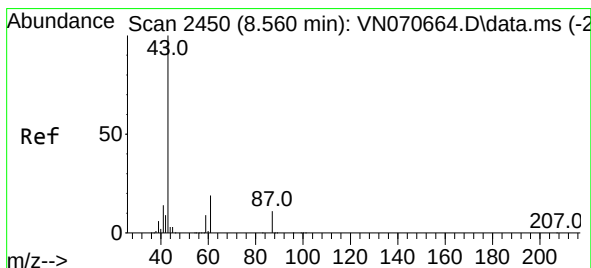
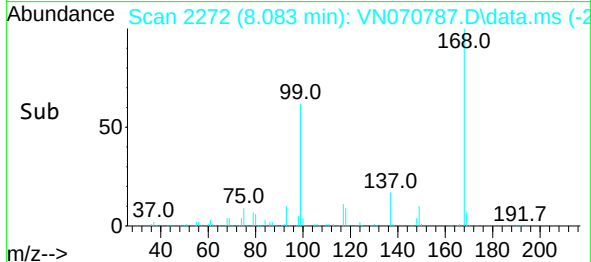
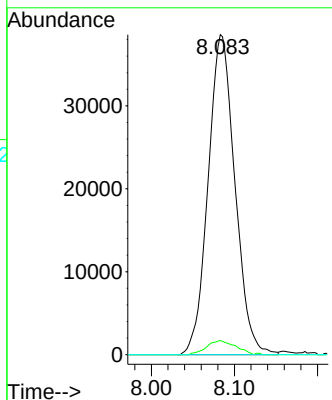
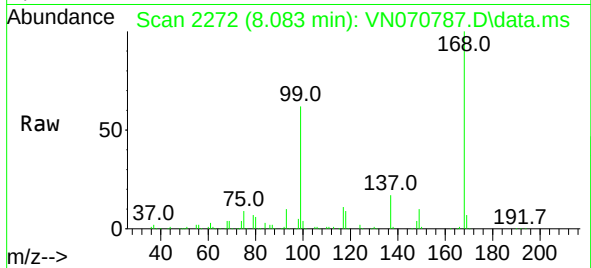




#38
Carbon Tetrachloride
Concen: 6.892 ug/l
RT: 8.083 min Scan# 211
Delta R.T. -0.123 min
Lab File: VN070787.D
Acq: 26 Jan 2022 14:07

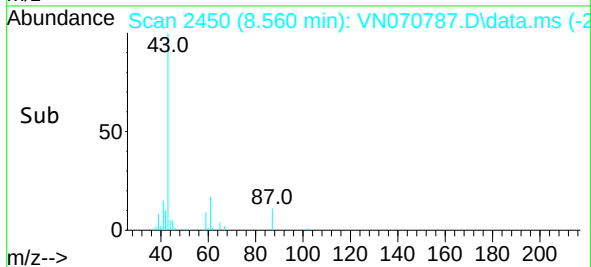
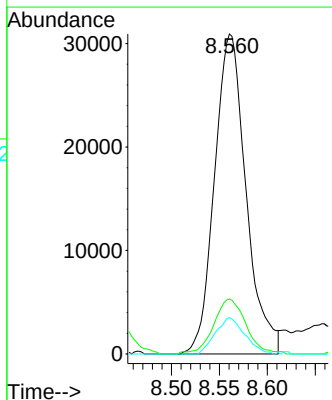
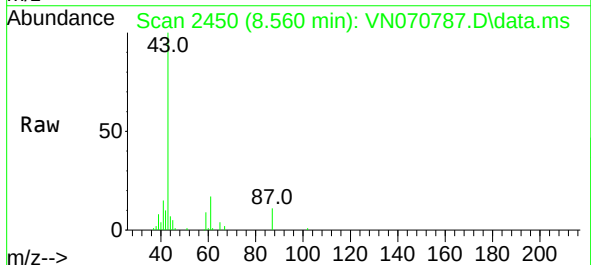
Instrument :
MSVOA_N
ClientSampleId :
C1-C2

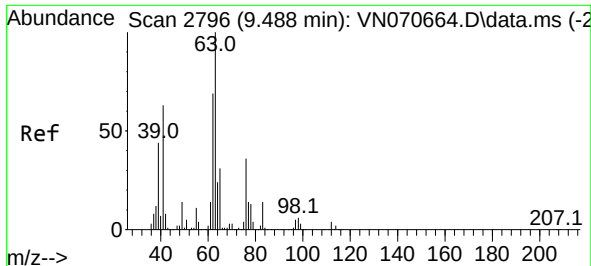
Tgt Ion:117 Resp: 86627
Ion Ratio Lower Upper
117 100
119 4.4 76.1 114.1#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 2.465 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070787.D
Acq: 26 Jan 2022 14:07

Tgt Ion: 43 Resp: 70627
Ion Ratio Lower Upper
43 100
61 17.6 20.4 30.6#
87 10.5 11.2 16.8#





#45

1,2-Dichloropropane

Concen: 0.256 ug/l

RT: 9.625 min Scan# 21

Delta R.T. 0.137 min

Lab File: VN070787.D

Acq: 26 Jan 2022 14:07

Instrument :

MSVOA_N

ClientSampleId :

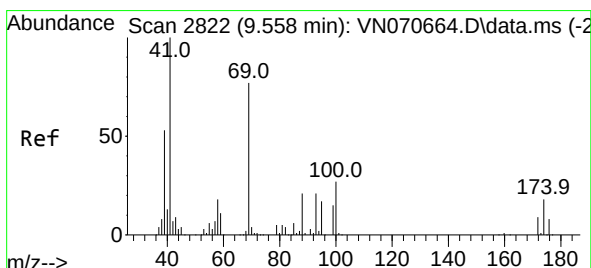
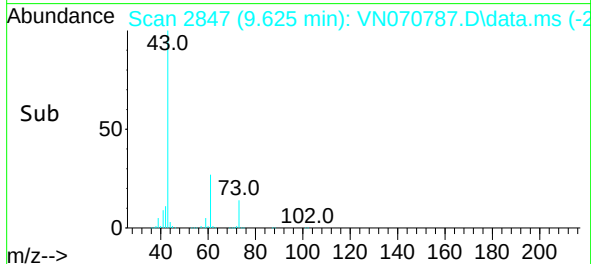
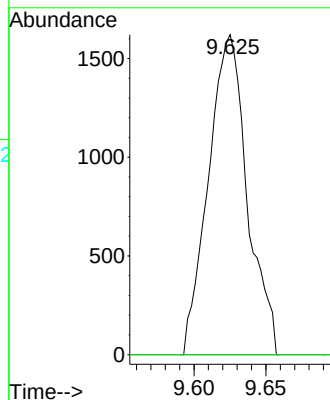
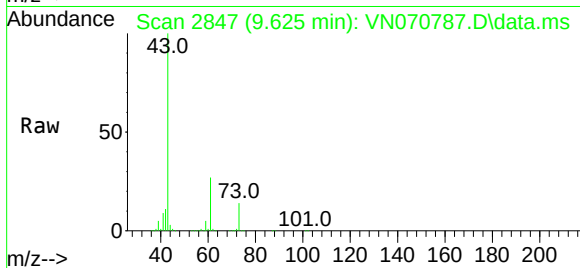
C1-C2

Tgt Ion: 63 Resp: 3047

Ion Ratio Lower Upper

63 100

65 0.0 24.7 37.1#



#48

Methyl methacrylate

Concen: 1.560 ug/l

RT: 9.542 min Scan# 2816

Delta R.T. -0.016 min

Lab File: VN070787.D

Acq: 26 Jan 2022 14:07

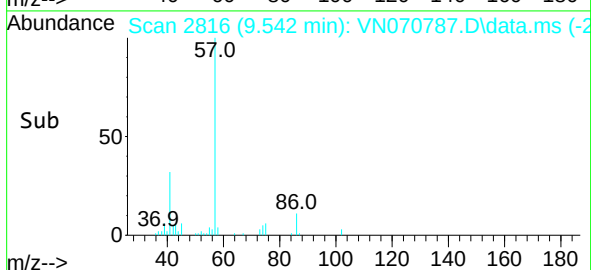
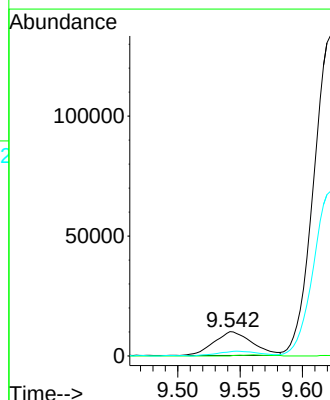
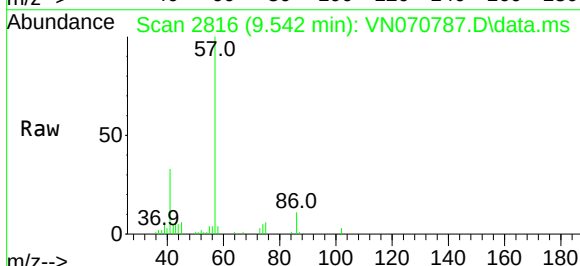
Tgt Ion: 41 Resp: 21295

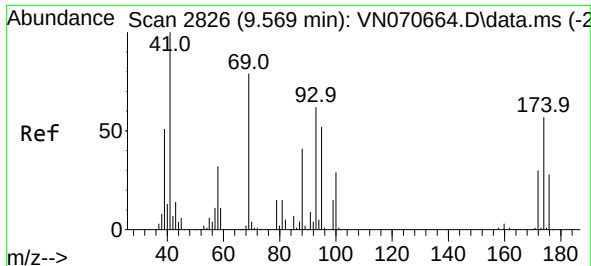
Ion Ratio Lower Upper

41 100

69 3.3 72.4 108.6#

39 21.7 58.4 87.6#





#49

1,4-Dioxane

Concen: 0.844 ug/l

RT: 9.566 min Scan# 2826

Delta R.T. -0.003 min

Lab File: VN070787.D

Acq: 26 Jan 2022 14:07

Instrument :

MSVOA_N

ClientSampleId :

C1-C2

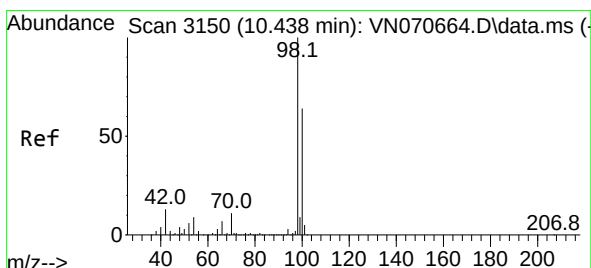
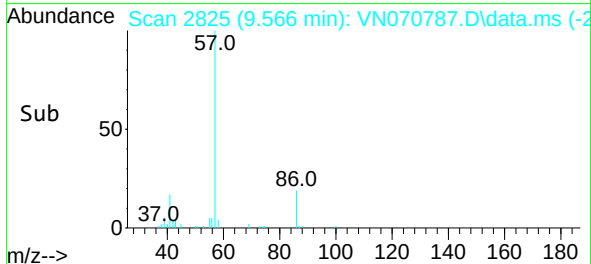
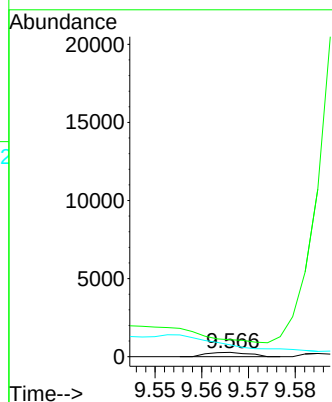
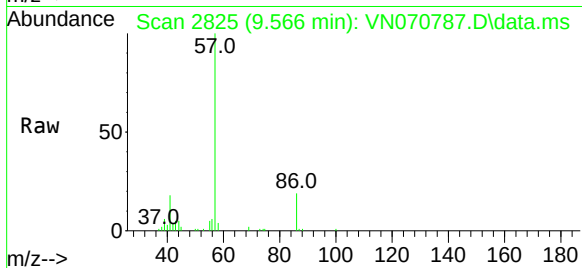
Tgt Ion: 88 Resp: 173

Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.2#

58 1395.4 50.6 75.8#



#50

Toluene-d8

Concen: 47.996 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. 0.002 min

Lab File: VN070787.D

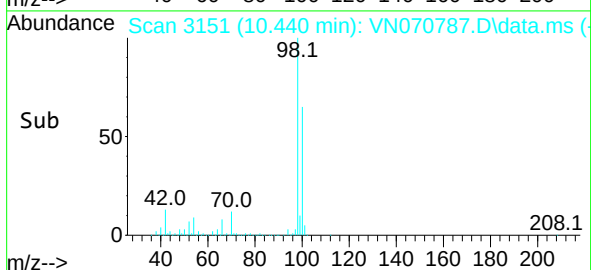
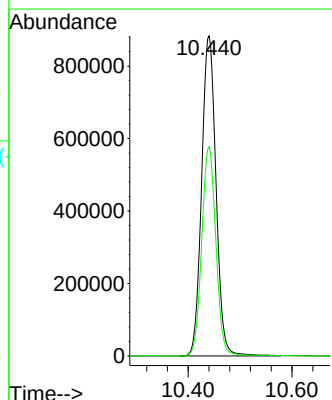
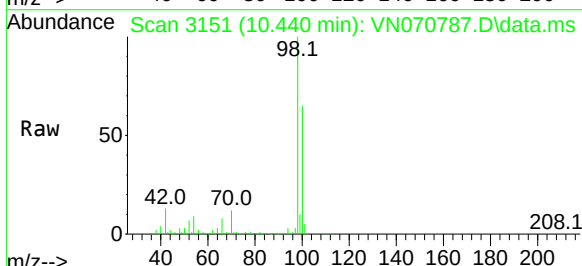
Acq: 26 Jan 2022 14:07

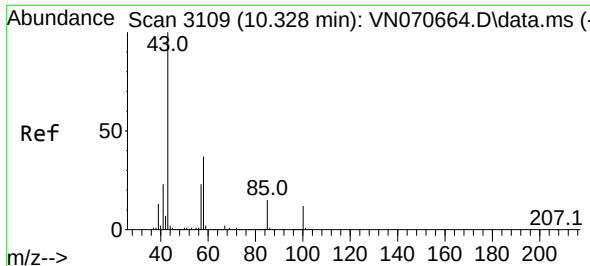
Tgt Ion: 98 Resp: 1696966

Ion Ratio Lower Upper

98 100

100 64.2 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 1.074 ug/l

RT: 10.330 min Scan# 3110

Delta R.T. 0.002 min

Lab File: VN070787.D

Acq: 26 Jan 2022 14:07

Instrument :

MSVOA_N

ClientSampleId :

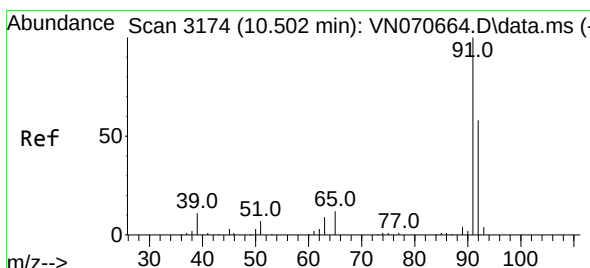
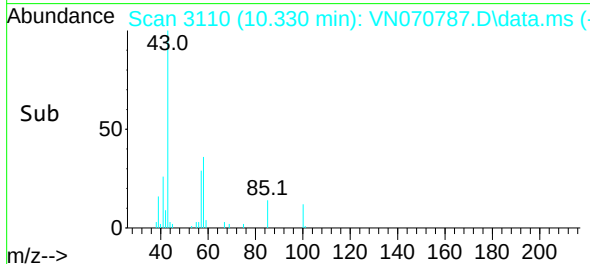
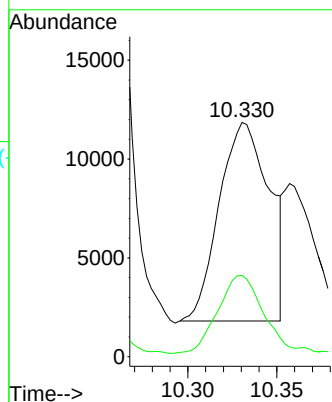
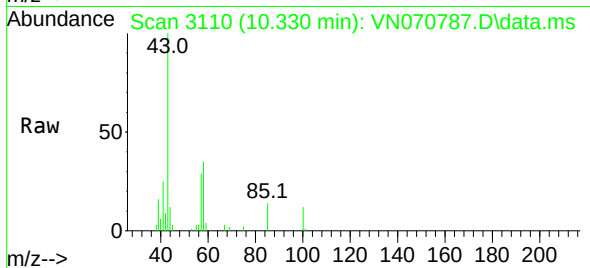
C1-C2

Tgt Ion: 43 Resp: 19639

Ion Ratio Lower Upper

43 100

58 37.5 30.4 45.6



#52

Toluene

Concen: 0.216 ug/l

RT: 10.499 min Scan# 3173

Delta R.T. -0.003 min

Lab File: VN070787.D

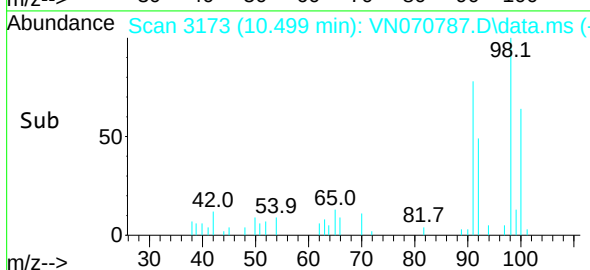
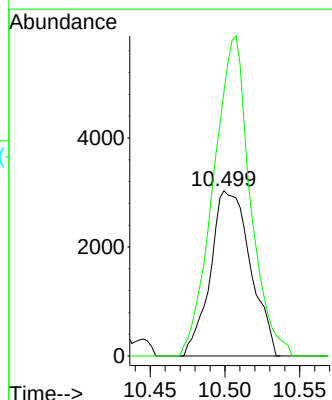
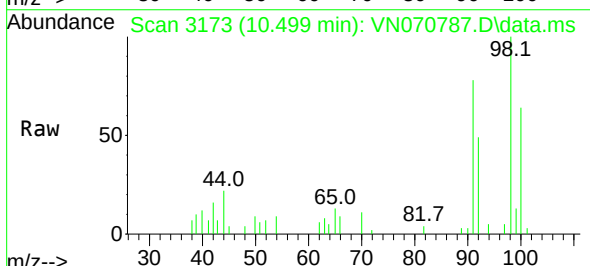
Acq: 26 Jan 2022 14:07

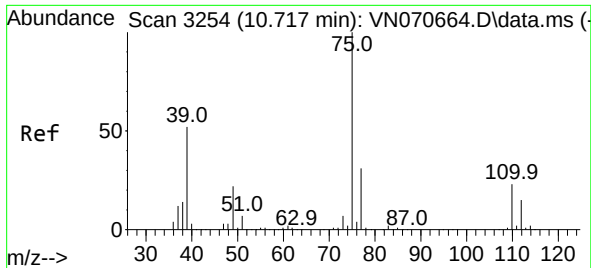
Tgt Ion: 92 Resp: 5649

Ion Ratio Lower Upper

92 100

91 178.3 142.0 213.0

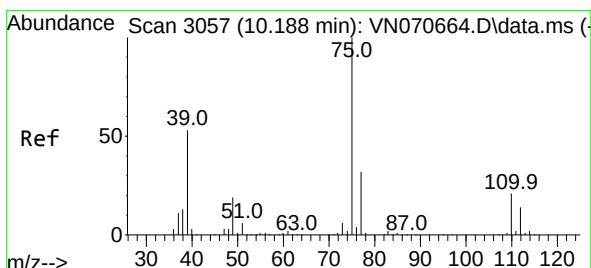
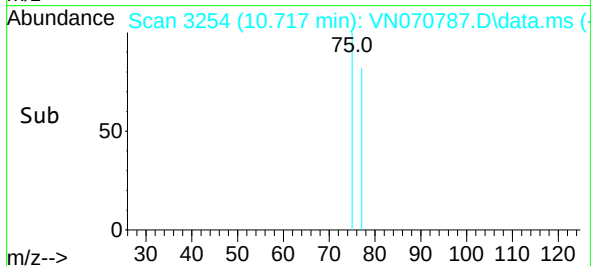
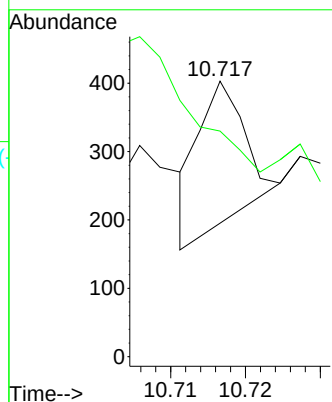
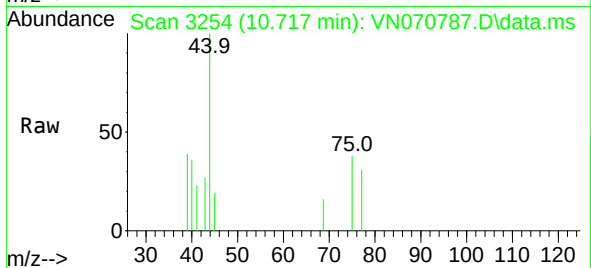




#53
 t-1,3-Dichloropropene
 Concen: 2.409 ug/l
 RT: 10.717 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VN070787.D
 Acq: 26 Jan 2022 14:07

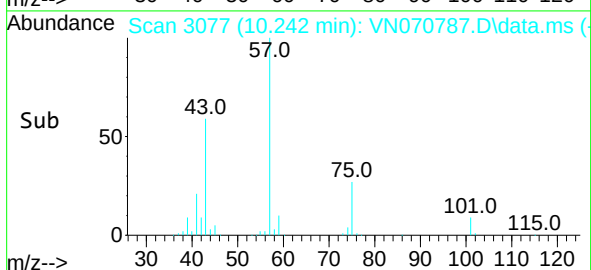
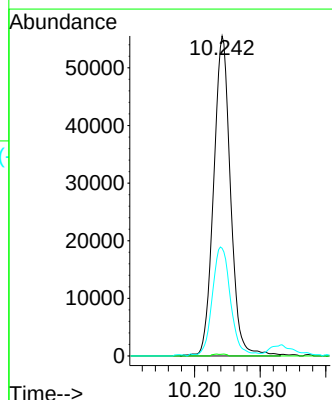
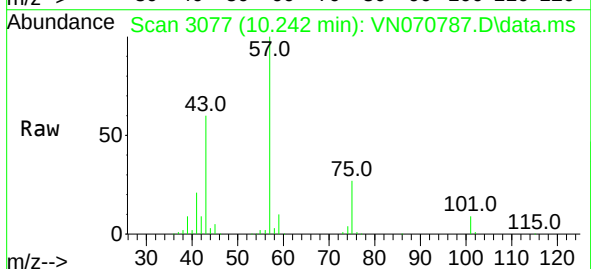
Instrument :
 MSVOA_N
 ClientSampleId :
 C1-C2

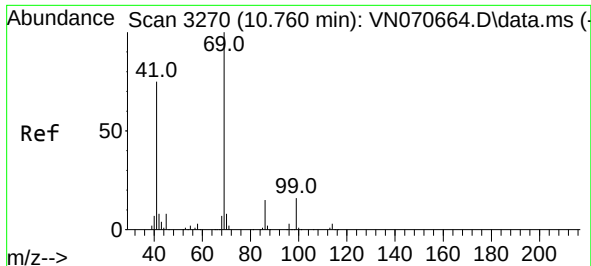
Tgt Ion: 75 Resp: 92
 Ion Ratio Lower Upper
 75 100
 77 28.2 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 5.852 ug/l
 RT: 10.242 min Scan# 3077
 Delta R.T. 0.054 min
 Lab File: VN070787.D
 Acq: 26 Jan 2022 14:07

Tgt Ion: 75 Resp: 99353
 Ion Ratio Lower Upper
 75 100
 77 0.6 26.4 39.6#
 39 33.3 42.5 63.7#

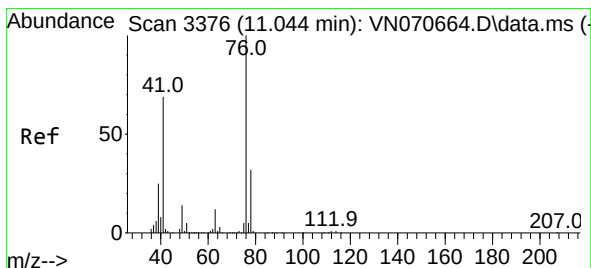
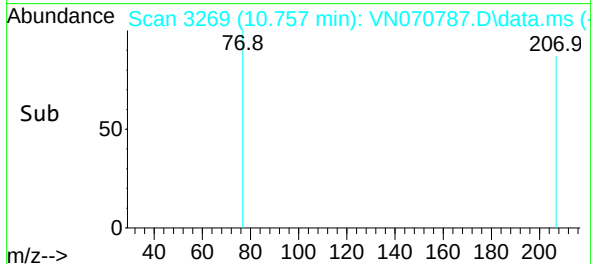
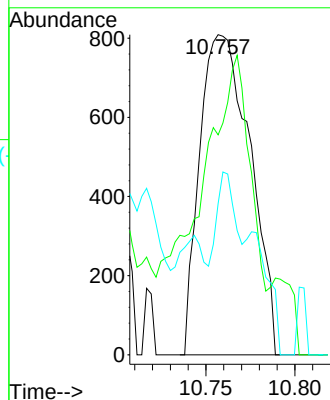
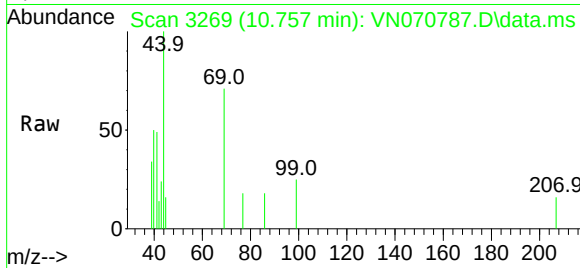




#56
Ethyl methacrylate
Concen: 2.379 ug/l
RT: 10.757 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070787.D
Acq: 26 Jan 2022 14:07

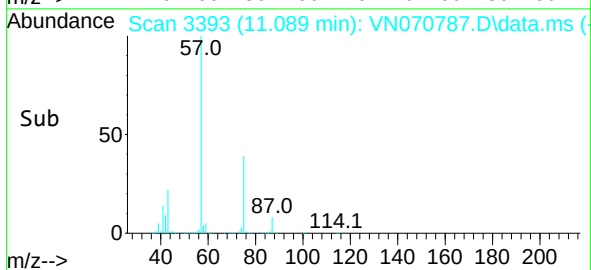
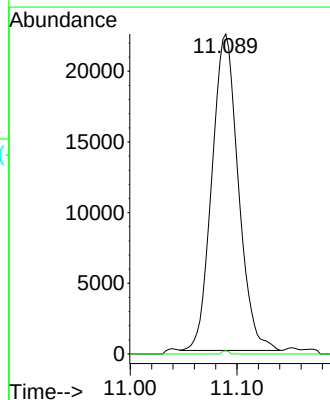
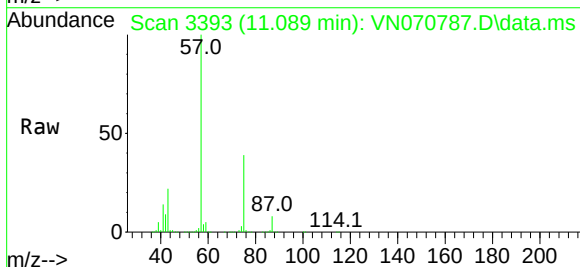
Instrument :
MSVOA_N
ClientSampleId :
C1-C2

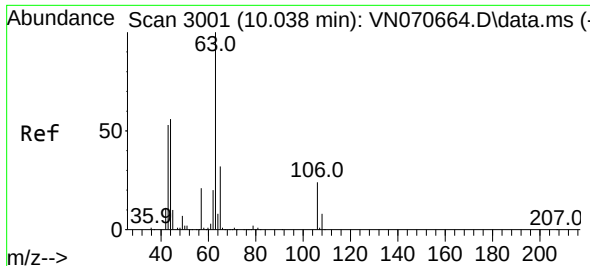
Tgt Ion: 69 Resp: 1590
Ion Ratio Lower Upper
69 100
41 0.0 51.4 77.0#
39 0.0 34.6 52.0#



#57
1,3-Dichloropropane
Concen: 2.118 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.045 min
Lab File: VN070787.D
Acq: 26 Jan 2022 14:07

Tgt Ion: 76 Resp: 38576
Ion Ratio Lower Upper
76 100
78 0.2 25.7 38.5#

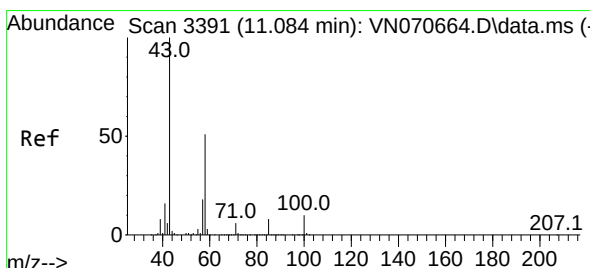
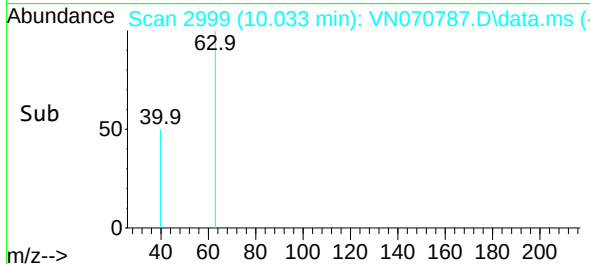
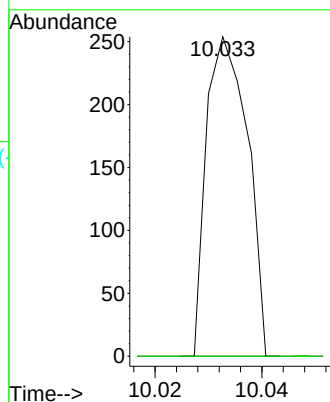
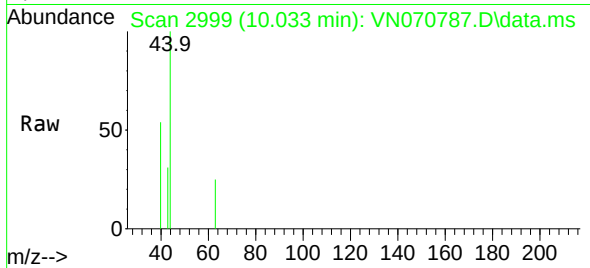




#58
2-Chloroethyl Vinyl ether
Concen: 21.262 ug/l
RT: 10.033 min Scan# 2999
Delta R.T. -0.005 min
Lab File: VN070787.D
Acq: 26 Jan 2022 14:07

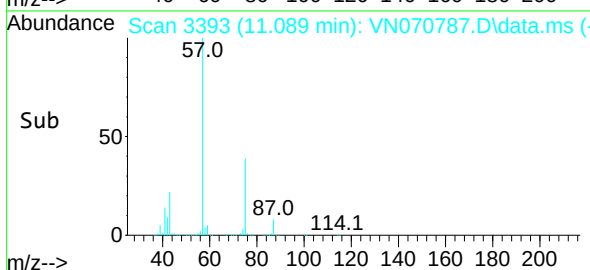
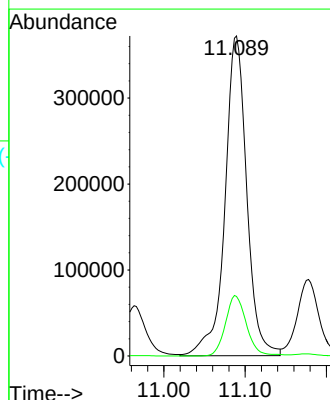
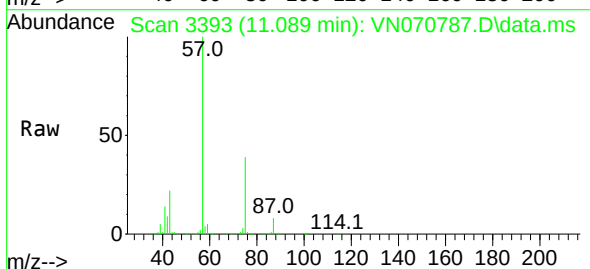
Instrument :
MSVOA_N
ClientSampleId :
C1-C2

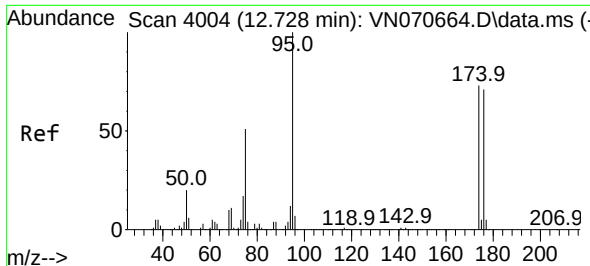
Tgt Ion: 63 Resp: 136
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 52.262 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.005 min
Lab File: VN070787.D
Acq: 26 Jan 2022 14:07

Tgt Ion: 43 Resp: 694087
Ion Ratio Lower Upper
43 100
58 18.3 26.9 80.7#

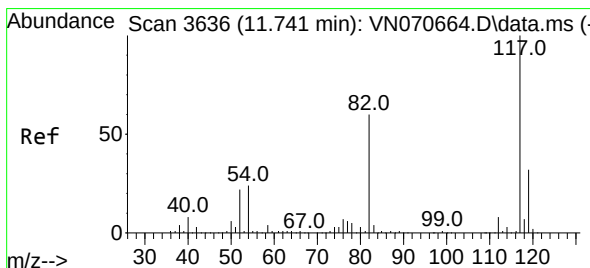
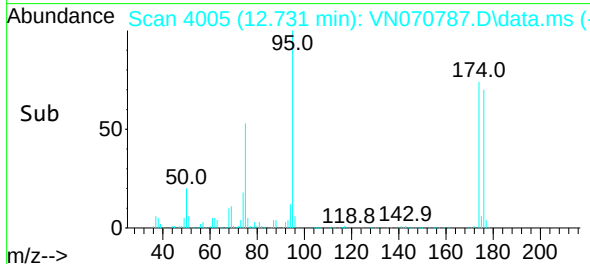
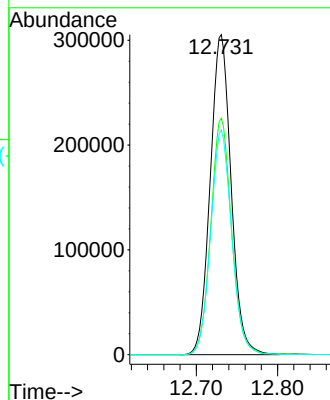
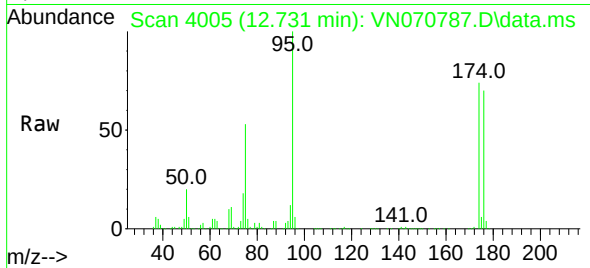




#62
4-Bromofluorobenzene
Concen: 43.244 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070787.D
Acq: 26 Jan 2022 14:07

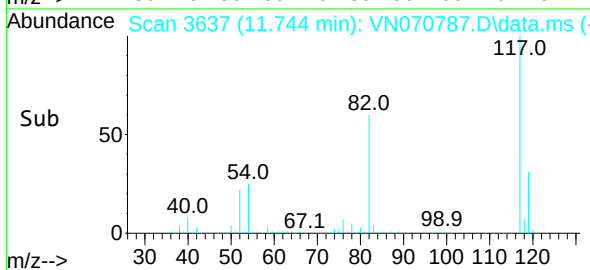
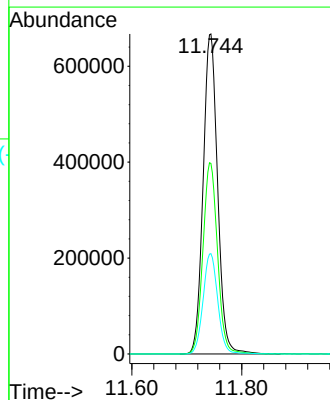
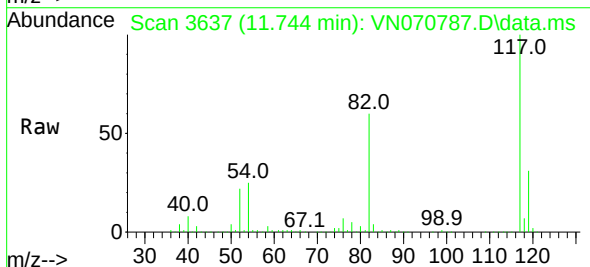
Instrument :
MSVOA_N
ClientSampleId :
C1-C2

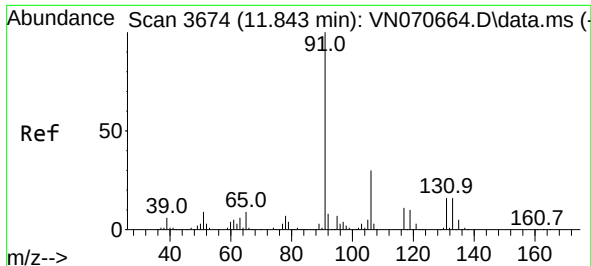
Tgt Ion: 95 Resp: 544828
Ion Ratio Lower Upper
95 100
174 73.6 0.0 187.2
176 70.7 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070787.D
Acq: 26 Jan 2022 14:07

Tgt Ion: 117 Resp: 1218090
Ion Ratio Lower Upper
117 100
82 59.6 42.4 63.6
119 31.3 25.4 38.2

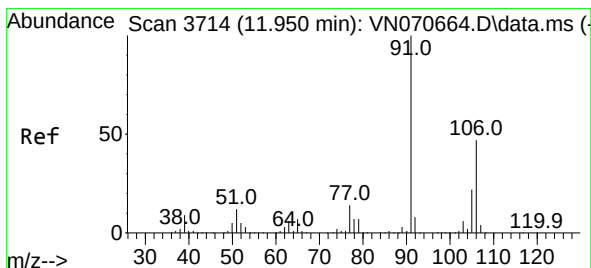
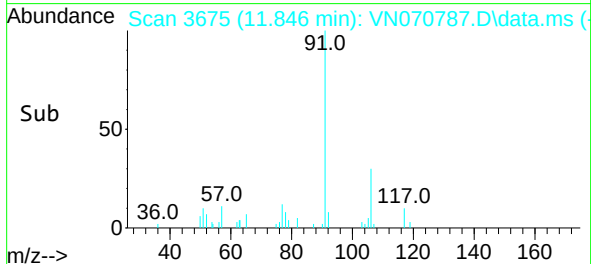
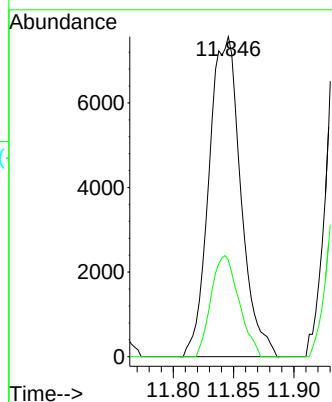
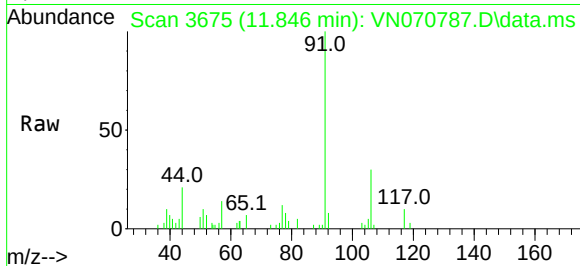




#67
Ethyl Benzene
Concen: 0.283 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.003 min
Lab File: VN070787.D
Acq: 26 Jan 2022 14:07

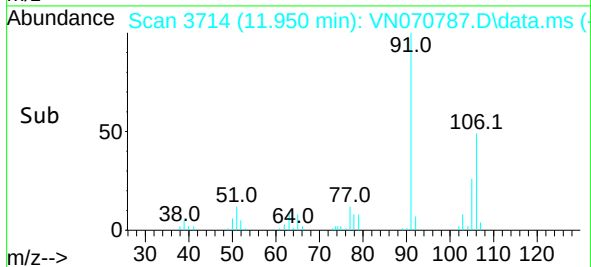
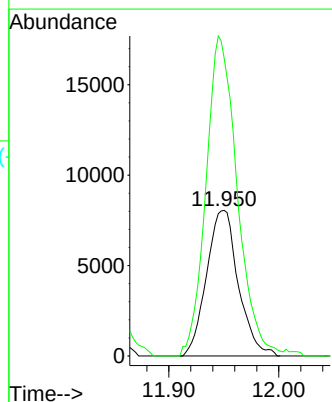
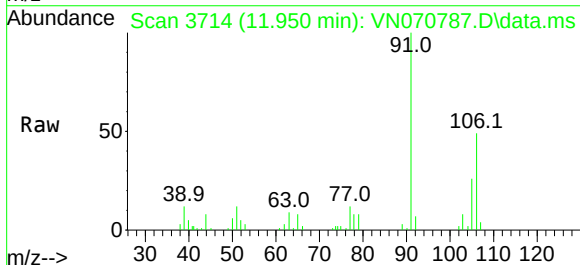
Instrument :
MSVOA_N
ClientSampleId :
C1-C2

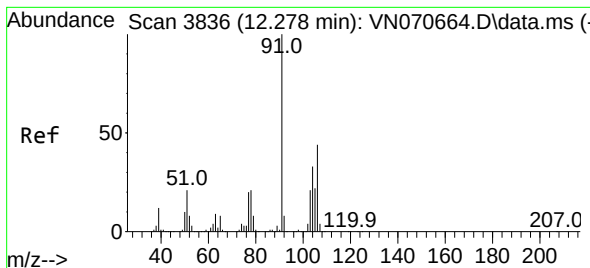
Tgt Ion: 91 Resp: 13849
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5



#68
m/p-Xylenes
Concen: 0.907 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. 0.000 min
Lab File: VN070787.D
Acq: 26 Jan 2022 14:07

Tgt Ion:106 Resp: 16143
Ion Ratio Lower Upper
106 100
91 215.9 160.6 240.8





#69

o-Xylene

Concen: 0.482 ug/l

RT: 12.278 min Scan# 3836

Delta R.T. -0.001 min

Lab File: VN070787.D

Acq: 26 Jan 2022 14:07

Instrument :

MSVOA_N

ClientSampleId :

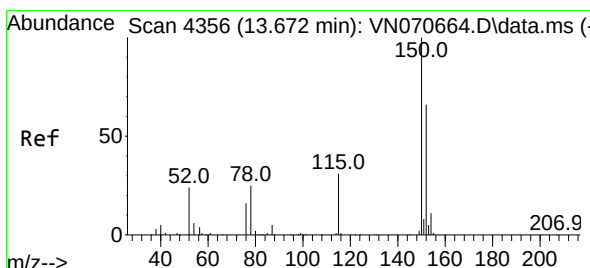
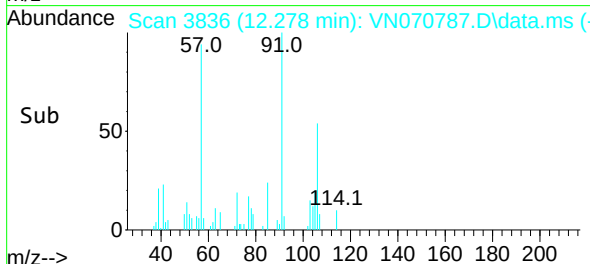
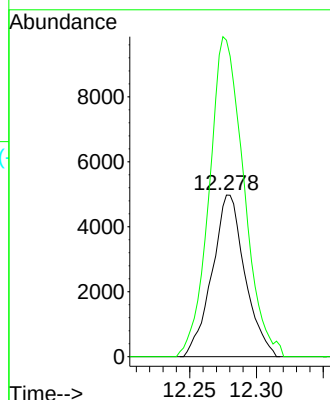
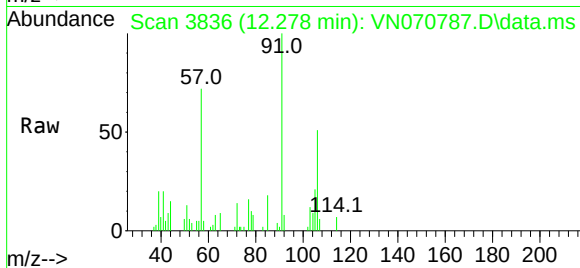
C1-C2

Tgt Ion:106 Resp: 8507

Ion Ratio Lower Upper

106 100

91 208.3 105.8 317.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.672 min Scan# 4356

Delta R.T. 0.000 min

Lab File: VN070787.D

Acq: 26 Jan 2022 14:07

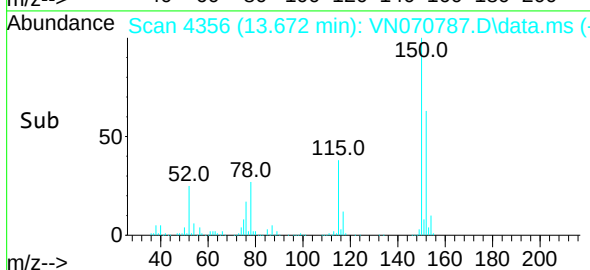
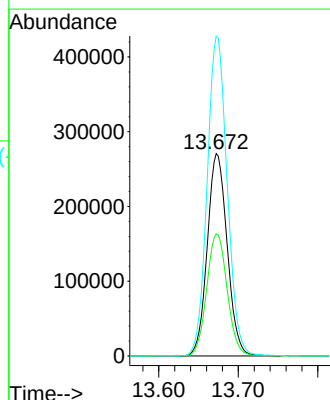
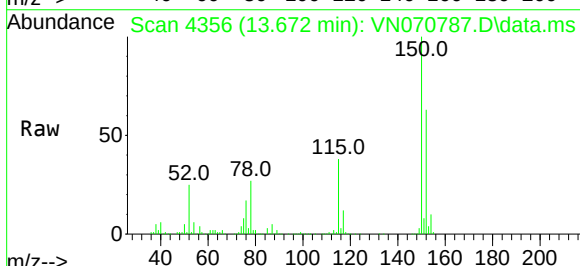
Tgt Ion:152 Resp: 472417

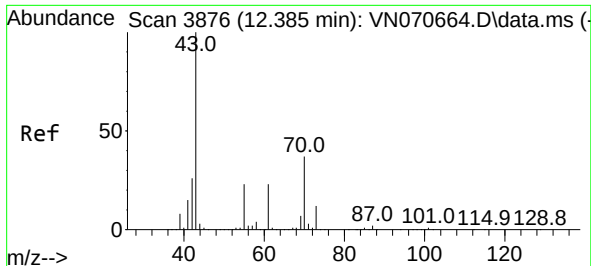
Ion Ratio Lower Upper

152 100

115 61.6 27.5 82.5

150 158.9 0.0 344.4

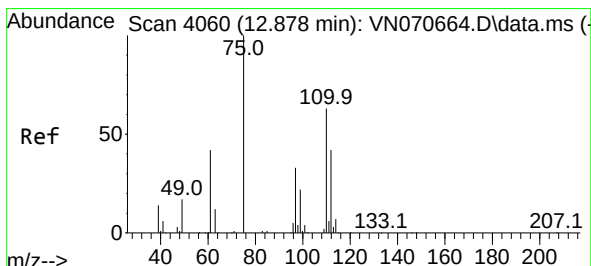
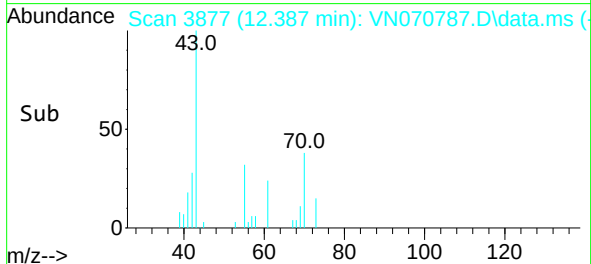
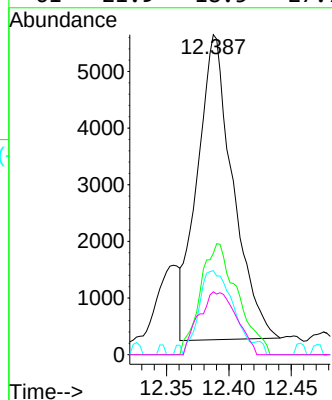
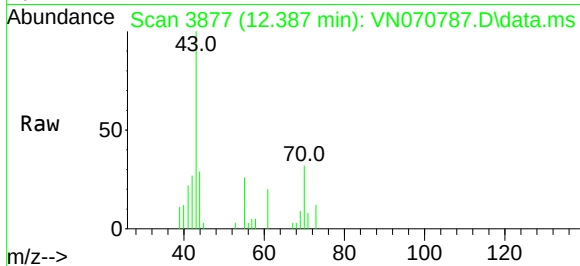




#74
N-amy1 acetate
Concen: 0.584 ug/l
RT: 12.387 min Scan# 3876
Delta R.T. 0.002 min
Lab File: VN070787.D
Acq: 26 Jan 2022 14:07

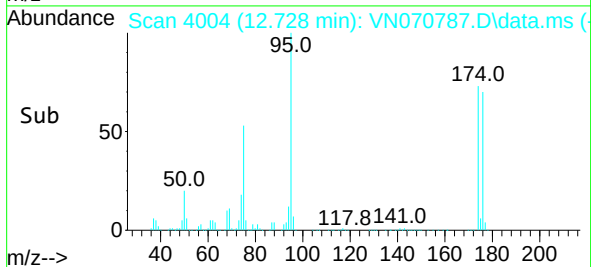
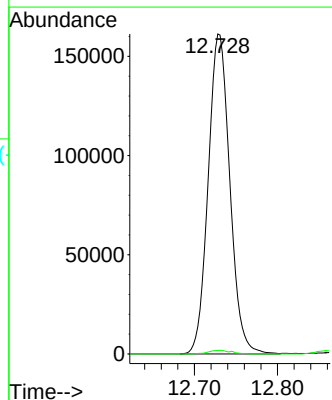
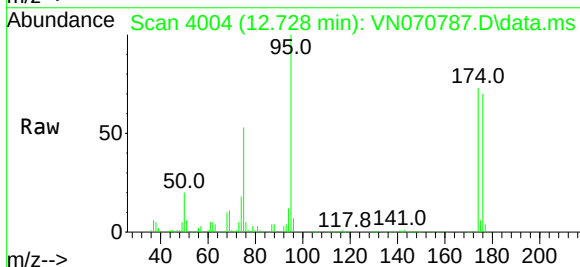
Instrument :
MSVOA_N
ClientSampleId :
C1-C2

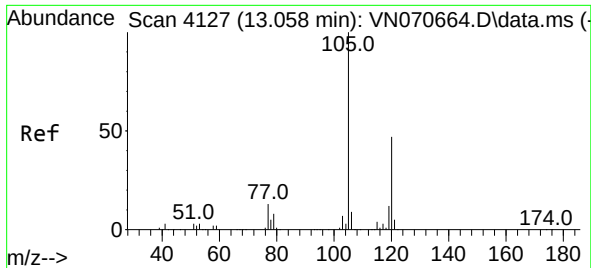
Tgt Ion: 43	Resp: 10670
Ion Ratio	Lower Upper
43 100	
70 38.2	33.4 50.0
55 26.5	19.3 28.9
61 21.9	18.5 27.7



#76
1,2,3-Trichloropropane
Concen: 23.298 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.150 min
Lab File: VN070787.D
Acq: 26 Jan 2022 14:07

Tgt Ion: 75	Resp: 291912
Ion Ratio	Lower Upper
75 100	
77 0.9	82.6 247.8#

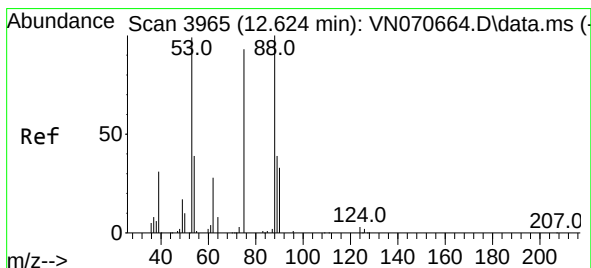
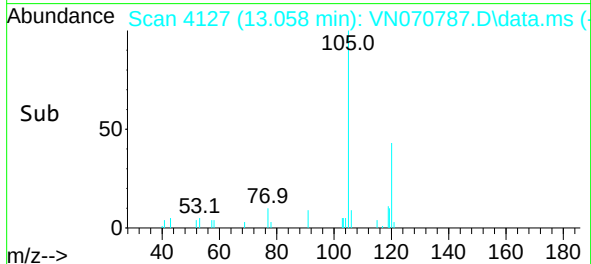
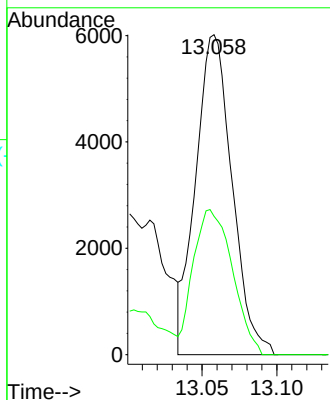
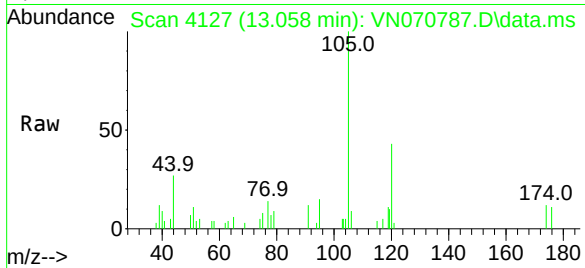




#80
 1,3,5-Trimethylbenzene
 Concen: 0.282 ug/l
 RT: 13.058 min Scan# 4127
 Delta R.T. -0.000 min
 Lab File: VN070787.D
 Acq: 26 Jan 2022 14:07

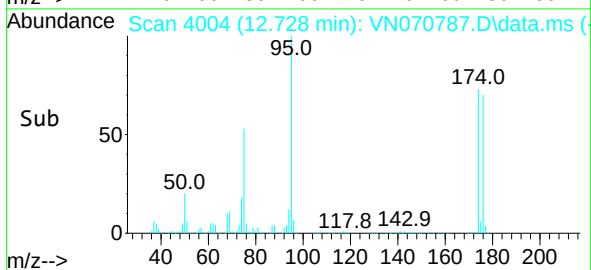
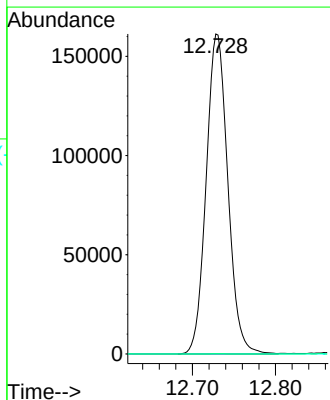
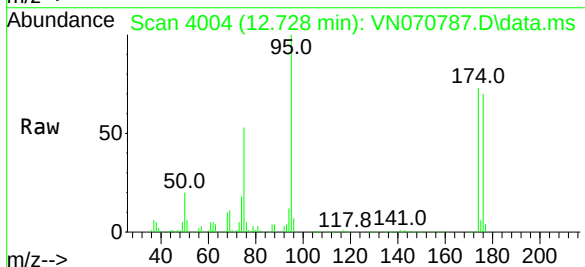
Instrument :
 MSVOA_N
 ClientSampleId :
 C1-C2

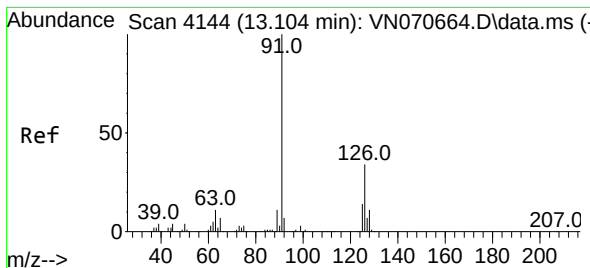
Tgt Ion:105 Resp: 10187
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.6 73.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.407 ug/l
 RT: 12.728 min Scan# 4004
 Delta R.T. 0.104 min
 Lab File: VN070787.D
 Acq: 26 Jan 2022 14:07

Tgt Ion: 75 Resp: 291912
 Ion Ratio Lower Upper
 75 100
 53 0.1 90.5 135.7#
 89 0.0 38.2 57.4#





#82

4-Chlorotoluene

Concen: 0.210 ug/l

RT: 13.106 min Scan# 4144

Delta R.T. 0.002 min

Lab File: VN070787.D

Acq: 26 Jan 2022 14:07

Instrument :

MSVOA_N

ClientSampleId :

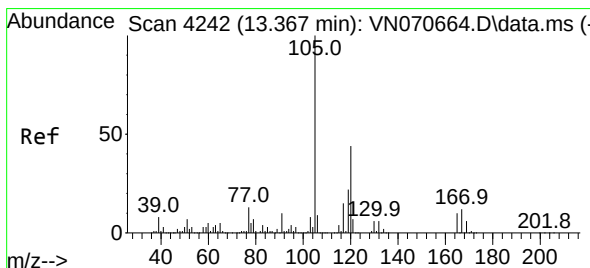
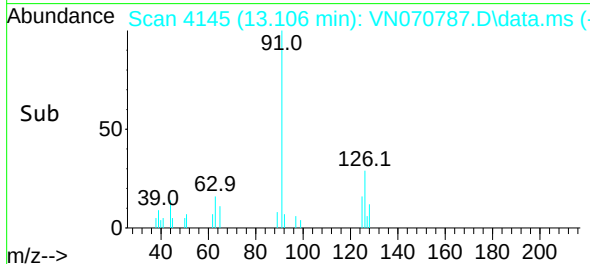
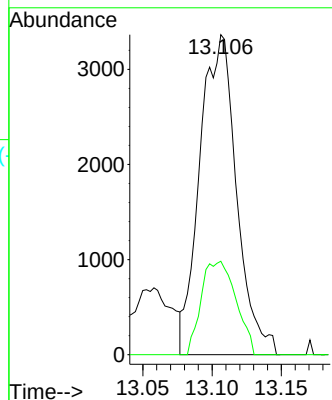
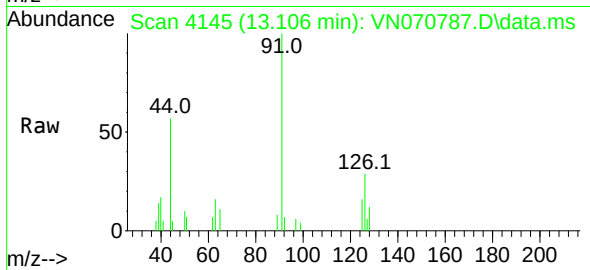
C1-C2

Tgt Ion: 91 Resp: 6191

Ion Ratio Lower Upper

91 100

126 27.6 18.2 54.6



#84

1,2,4-Trimethylbenzene

Concen: 0.656 ug/l

RT: 13.366 min Scan# 4242

Delta R.T. -0.001 min

Lab File: VN070787.D

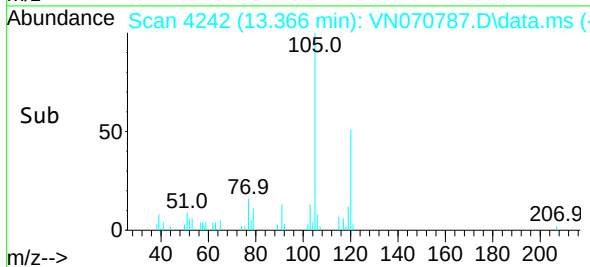
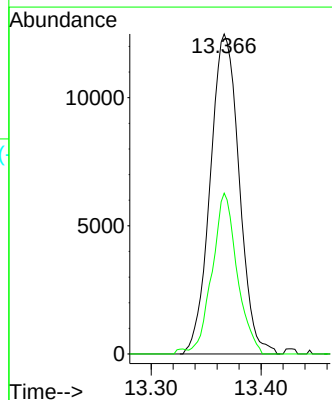
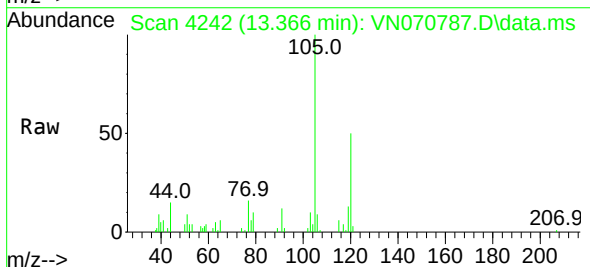
Acq: 26 Jan 2022 14:07

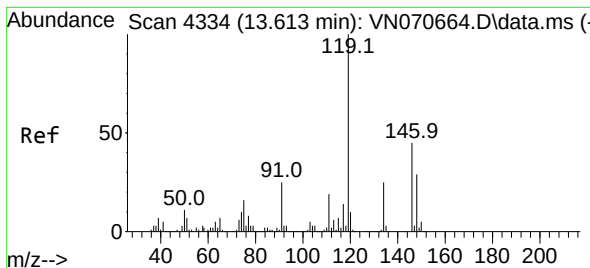
Tgt Ion: 105 Resp: 22800

Ion Ratio Lower Upper

105 100

120 43.2 22.8 68.4





#86

p-Isopropyltoluene

Concen: 0.205 ug/l

RT: 13.613 min Scan# 4334

Delta R.T. 0.000 min

Lab File: VN070787.D

Acq: 26 Jan 2022 14:07

Instrument :

MSVOA_N

ClientSampleId :

C1-C2

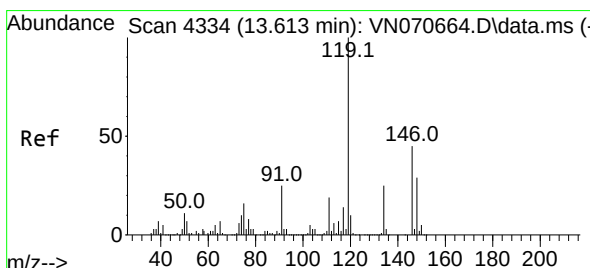
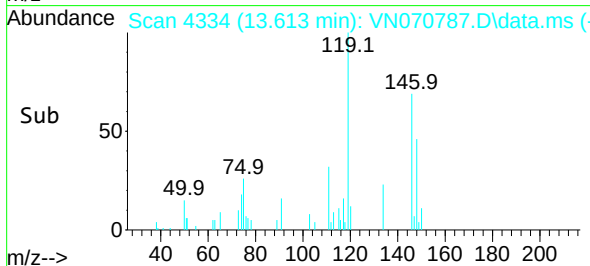
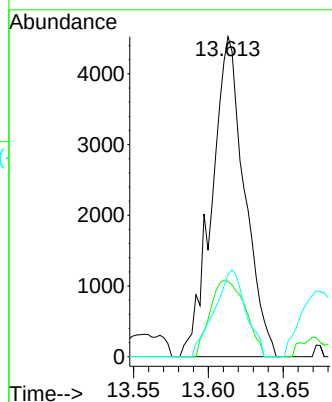
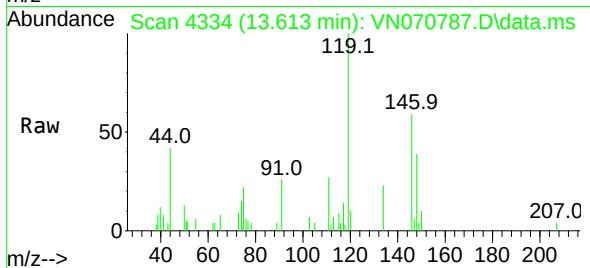
Tgt Ion:119 Resp: 6895

Ion Ratio Lower Upper

119 100

134 25.7 13.6 40.7

91 26.1 11.4 34.1



#87

1,3-Dichlorobenzene

Concen: 0.293 ug/l

RT: 13.616 min Scan# 4335

Delta R.T. 0.003 min

Lab File: VN070787.D

Acq: 26 Jan 2022 14:07

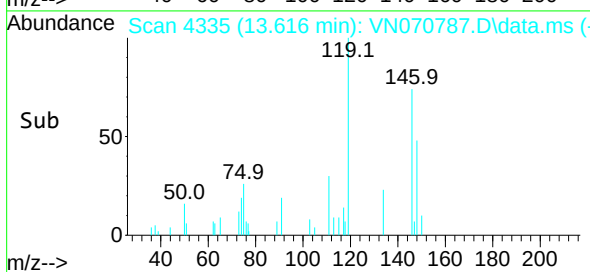
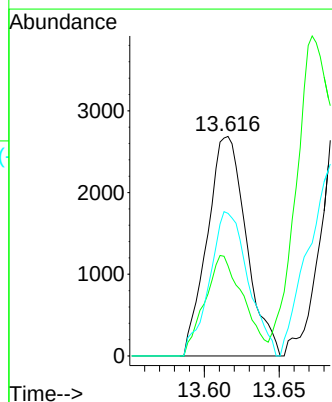
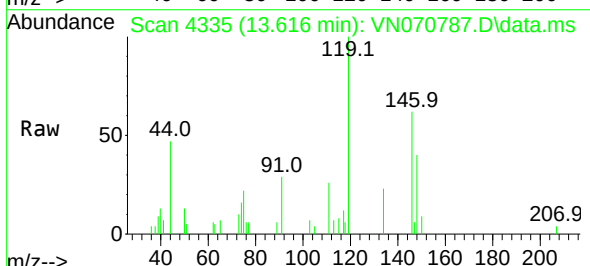
Tgt Ion:146 Resp: 4883

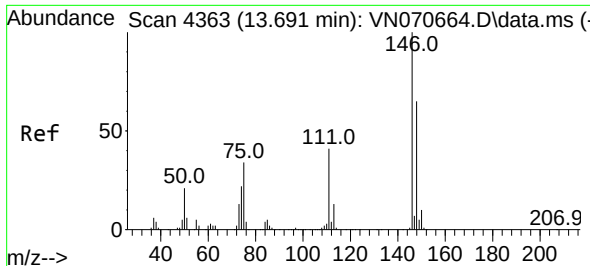
Ion Ratio Lower Upper

146 100

111 45.4 18.6 55.6

148 64.9 31.6 95.0

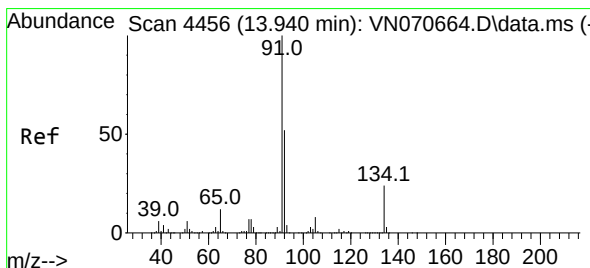
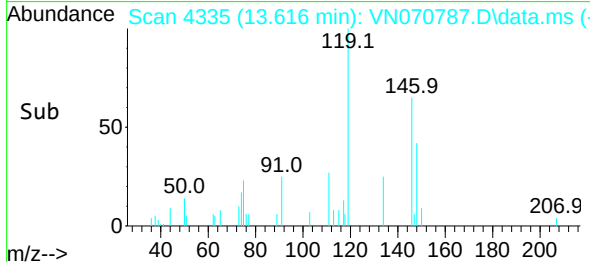
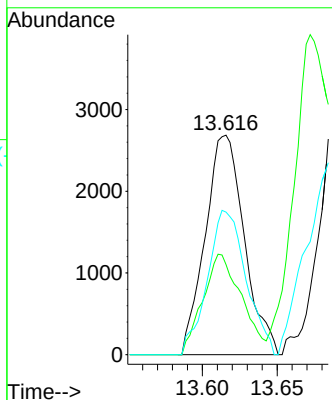
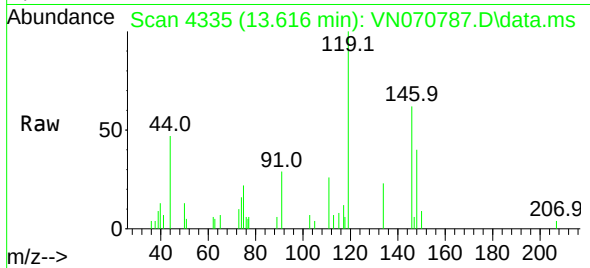




#88
1,4-Dichlorobenzene
Concen: 0.294 ug/l
RT: 13.616 min Scan# 41
Delta R.T. -0.075 min
Lab File: VN070787.D
Acq: 26 Jan 2022 14:07

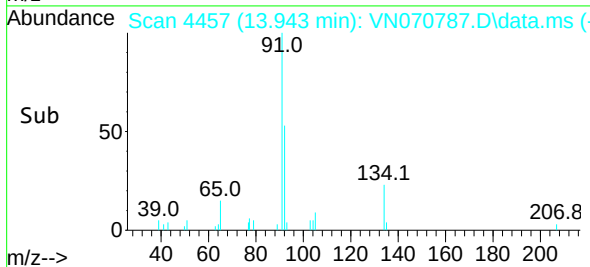
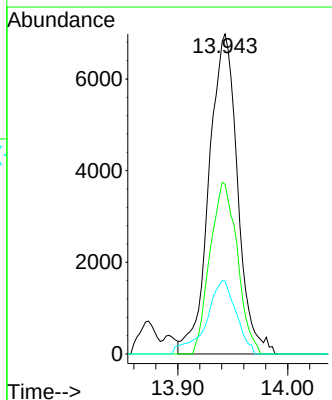
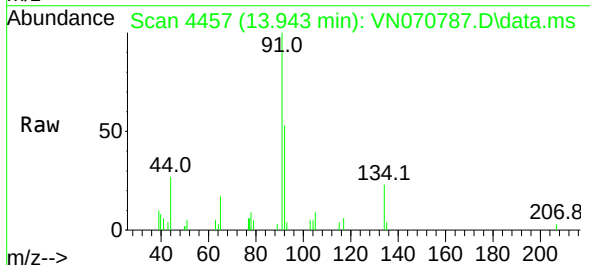
Instrument :
MSVOA_N
ClientSampleId :
C1-C2

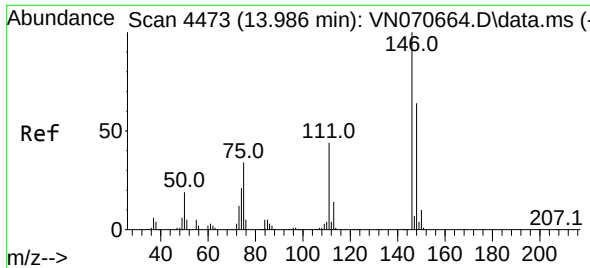
Tgt Ion:146 Resp: 4883
Ion Ratio Lower Upper
146 100
111 45.4 18.3 54.8
148 64.9 31.8 95.4



#89
n-Butylbenzene
Concen: 0.455 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.003 min
Lab File: VN070787.D
Acq: 26 Jan 2022 14:07

Tgt Ion: 91 Resp: 12604
Ion Ratio Lower Upper
91 100
92 51.2 25.4 76.0
134 23.9 13.6 40.8

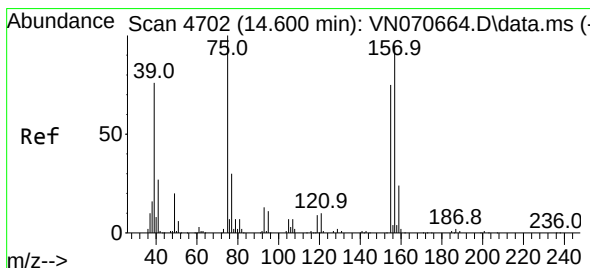
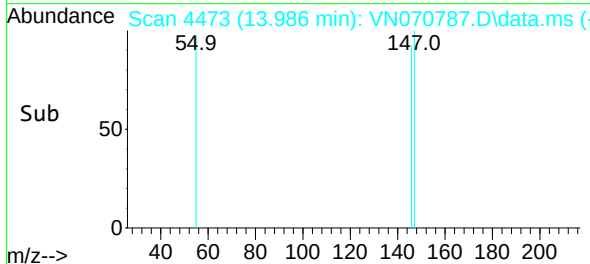
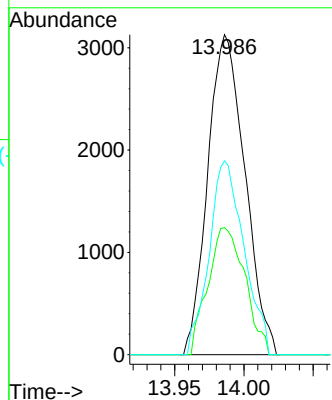
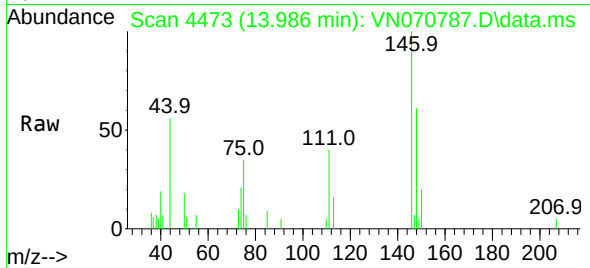




#91
 1,2-Dichlorobenzene
 Concen: 0.355 ug/l
 RT: 13.986 min Scan# 4473
 Delta R.T. -0.000 min
 Lab File: VN070787.D
 Acq: 26 Jan 2022 14:07

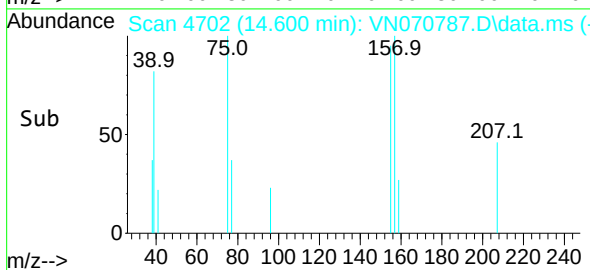
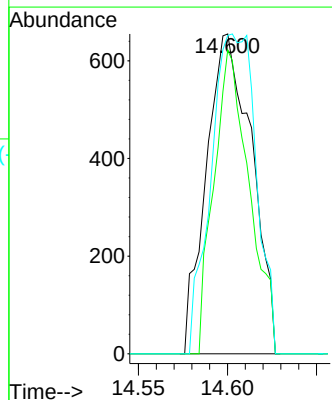
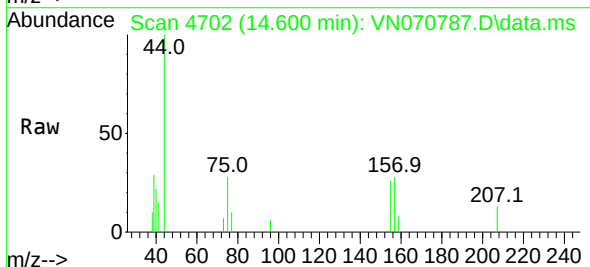
Instrument :
 MSVOA_N
 ClientSampleId :
 C1-C2

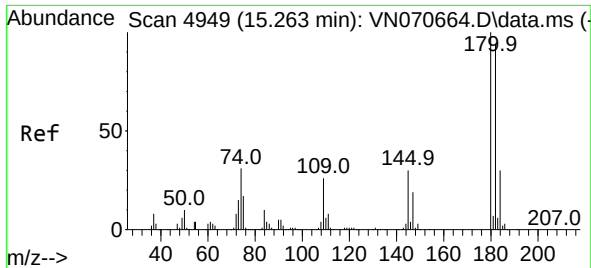
Tgt Ion:146	Resp:	5840
Ion Ratio	Lower	Upper
146	100	
111	39.6	19.1 57.3
148	56.9	32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.453 ug/l
 RT: 14.600 min Scan# 4702
 Delta R.T. 0.000 min
 Lab File: VN070787.D
 Acq: 26 Jan 2022 14:07

Tgt Ion: 75	Resp:	1160
Ion Ratio	Lower	Upper
75	100	
155	74.2	46.9 140.7
157	99.7	60.6 181.7

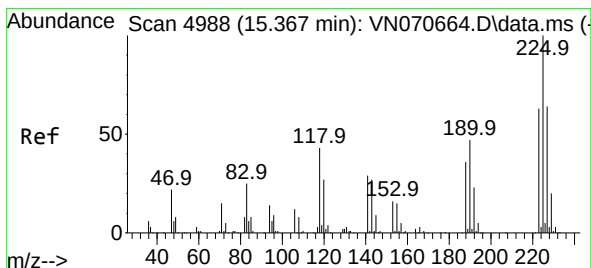
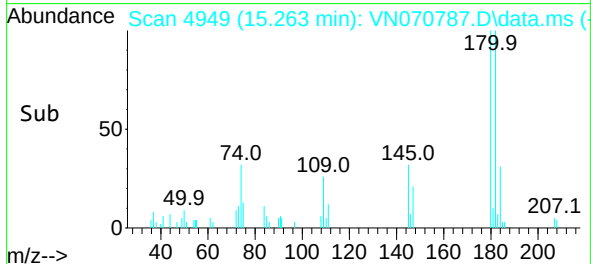
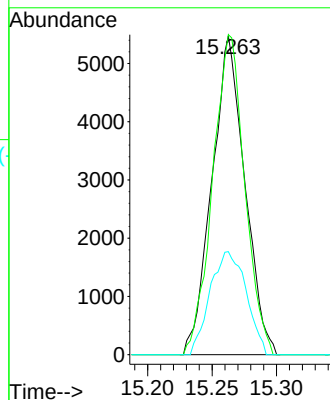
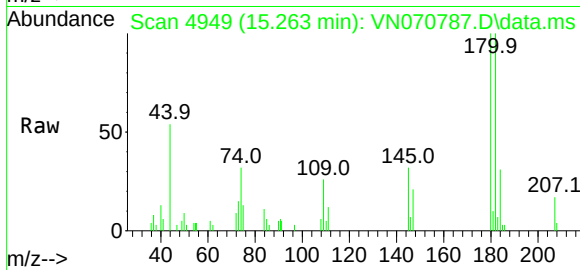




#93
1,2,4-Trichlorobenzene
Concen: 4.460 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.000 min
Lab File: VN070787.D
Acq: 26 Jan 2022 14:07

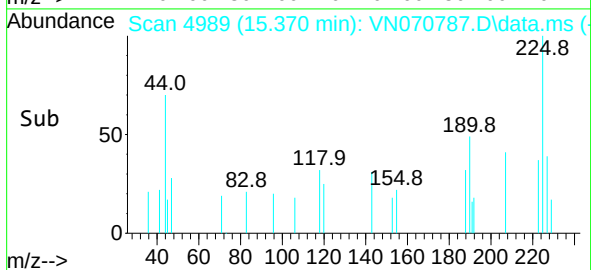
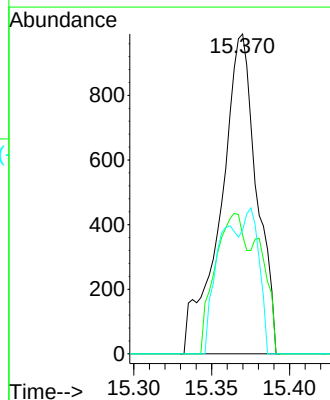
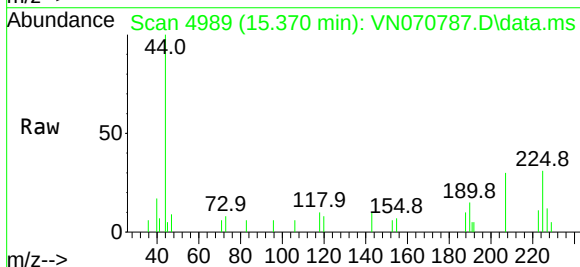
Instrument :
MSVOA_N
ClientSampleId :
C1-C2

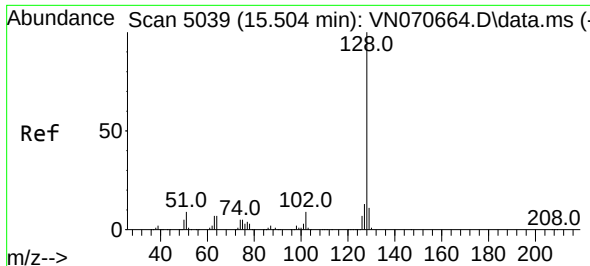
Tgt Ion:180 Resp: 9699
Ion Ratio Lower Upper
180 100
182 97.9 48.3 144.9
145 35.5 14.5 43.5



#94
Hexachlorobutadiene
Concen: 0.326 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.003 min
Lab File: VN070787.D
Acq: 26 Jan 2022 14:07

Tgt Ion:225 Resp: 1591
Ion Ratio Lower Upper
225 100
223 36.7 31.9 95.7
227 26.3 32.1 96.3#

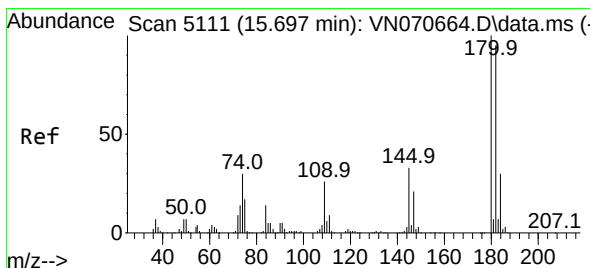
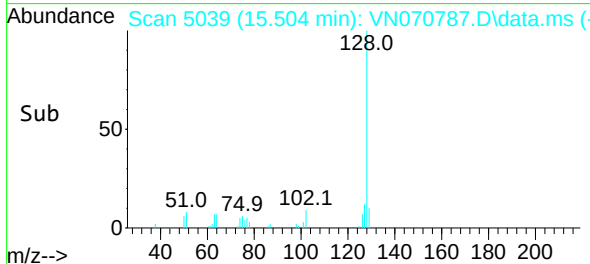
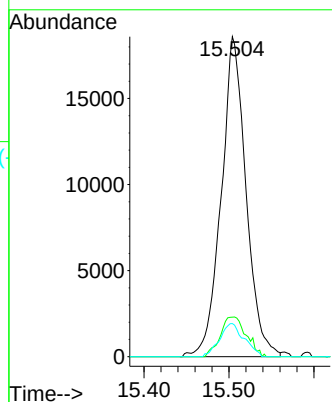
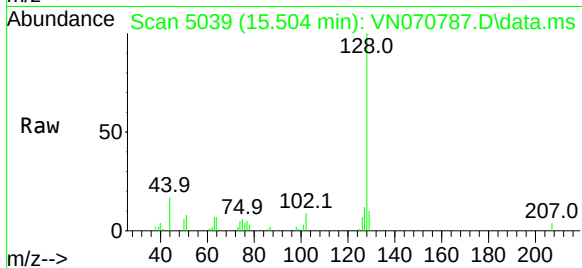




#95
Naphthalene
Concen: 6.336 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070787.D
Acq: 26 Jan 2022 14:07

Instrument :
MSVOA_N
ClientSampleId :
C1-C2

Tgt Ion:	128	Resp:	37725
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.5	15.7
129	10.2	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.443 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. 0.003 min
Lab File: VN070787.D
Acq: 26 Jan 2022 14:07

Tgt Ion:	180	Resp:	10937
Ion Ratio	Lower	Upper	
180	100		
182	100.1	47.4	142.2
145	33.7	15.0	45.1

