

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020122\
 Data File : VN070881.D
 Acq On : 1 Feb 2022 19:27
 Operator : JC/MD
 Sample : N1342-15
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31535

Quant Time: Feb 02 00:38:32 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	1372584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2092193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1824759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	981028	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.453	65	824842	41.931	ug/l	0.02
Spiked Amount	50.000	Range	61 - 141	Recovery	=	83.860%
35) Dibromofluoromethane	8.021	113	606902	46.764	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.520%
50) Toluene-d8	10.446	98	2548728	46.618	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.240%
62) 4-Bromofluorobenzene	12.728	95	920472	47.247	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.500%

Target Compounds

						Qvalue
3) Chloromethane	2.258	50	156586	6.754	ug/l #	71
8) Diethyl Ether	3.824	74	2606399	236.866	ug/l	84
11) Tert butyl alcohol	5.377	59	8407240	2368.932	ug/l #	90
13) Acrolein	4.250	56	247147	48.557	ug/l	91
14) Allyl chloride	4.857	41	34273	1.036	ug/l #	20
15) Acrylonitrile	5.618	53	118211	10.470	ug/l #	36
16) Acetone	4.283	43	14837338	1086.721	ug/l	97
17) Carbon Disulfide	4.532	76	69988	1.697	ug/l	99
18) Methyl Acetate	4.854	43	2888636	107.580	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	5468574	100.812	ug/l #	10
20) Methylene Chloride	5.093	84	34156	1.899	ug/l #	36
22) Diisopropyl ether	6.506	45	15687853	239.226	ug/l #	1
23) Vinyl Acetate	6.501	43	465352	8.371	ug/l #	77
24) 1,1-Dichloroethane	6.506	63	108858	3.319	ug/l #	85
25) 2-Butanone	7.332	43	4605196	268.047	ug/l	93
26) 2,2-Dichloropropane	7.166	77	381100	15.153	ug/l #	52
29) Tetrahydrofuran	7.689	42	103143	9.805	ug/l #	79
30) Chloroform	8.096	83	170509	4.866	ug/l #	1
31) Cyclohexane	8.096	56	4755900	137.298	ug/l	87
36) 1,1-Dichloropropene	8.469	75	6816521	311.996	ug/l #	41
37) Ethyl Acetate	7.332	43	4605196	158.768	ug/l #	68
38) Carbon Tetrachloride	8.086	117	127422	6.556	ug/l #	16
39) Methylcyclohexane	9.459	83	4065996	150.748	ug/l	89
41) Methacrylonitrile	7.659	41	46731	3.167	ug/l #	34
42) 1,2-Dichloroethane	8.469	62	3580573	152.537	ug/l #	76
43) Isopropyl Acetate	8.560	43	603537	13.623	ug/l #	60
45) 1,2-Dichloropropane	9.504	63	53043	2.880	ug/l #	49
48) Methyl methacrylate	9.625	41	977031	46.291	ug/l #	41
49) 1,4-Dioxane	9.566	88	1863	5.876	ug/l #	27
51) 4-Methyl-2-Pentanone	10.339	43	686392	24.280	ug/l	99
53) t-1,3-Dichloropropene	10.800	75	109838	6.342	ug/l #	84
54) cis-1,3-Dichloropropene	10.162	75	381708	14.539	ug/l #	1
55) 1,1,2-Trichloroethane	10.878	97	116131	7.300	ug/l #	21
56) Ethyl methacrylate	10.781	69	54907	4.033	ug/l #	1
57) 1,3-Dichloropropane	11.089	76	136415	4.844	ug/l #	44
58) 2-Chloroethyl Vinyl ether	10.162	63	568522	89.017	ug/l #	85

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

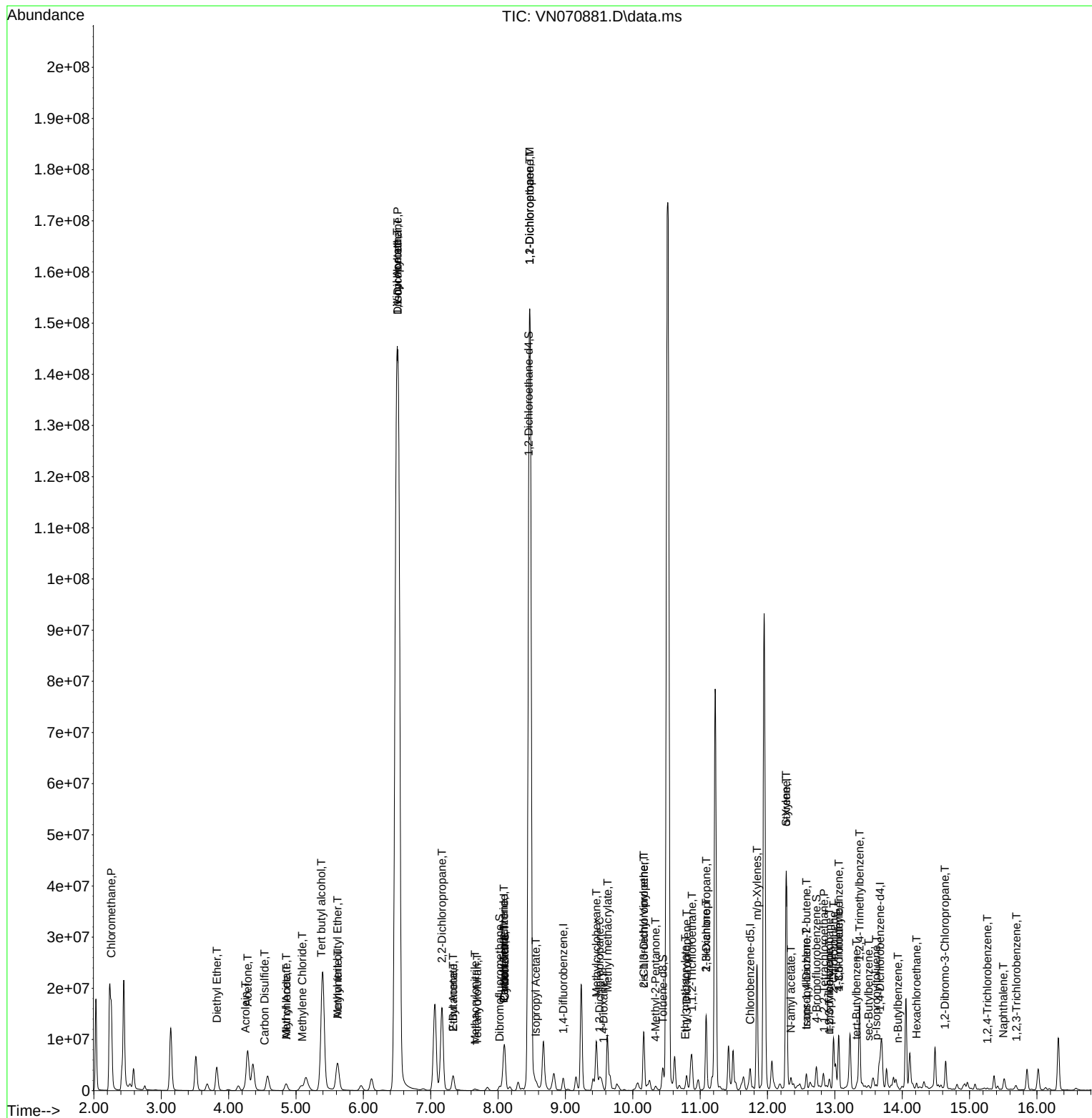
59) 2-Hexanone	11.087	43	3310575	161.202	ug/l	64
68) m/p-Xylenes	11.843	106	5555778	208.351	ug/l #	1
69) o-Xylene	12.278	106	12021153	454.271	ug/l #	1
70) Styrene	12.278	104	624716	14.757	ug/l #	1
73) Isopropylbenzene	12.578	105	2050426	22.093	ug/l	98
74) N-ethyl acetate	12.347	43	1209481	31.873	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.838	83	51198	1.633	ug/l #	25
76) 1,2,3-Trichloropropane	12.916	75	17307	0.665	ug/l #	19
78) n-propylbenzene	12.916	91	1383476	13.329	ug/l	97
79) 2-Chlorotoluene	12.980	91	762083	11.607	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.058	105	5455670	72.690	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.578	75	21038	2.409	ug/l #	28
82) 4-Chlorotoluene	13.058	91	573223	9.344	ug/l #	38
83) tert-Butylbenzene	13.321	119	103391	1.583	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	9411634	130.457	ug/l	97
85) sec-Butylbenzene	13.501	105	338030	3.806	ug/l	83
86) p-Isopropyltoluene	13.613	119	418932	6.004	ug/l	98
89) n-Butylbenzene	13.938	91	127878	2.222	ug/l #	64
90) Hexachloroethane	14.214	117	49195	4.034	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.632	75	53098	9.987	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.265	180	1668	3.511	ug/l #	85
95) Naphthalene	15.501	128	327946	10.757	ug/l	97
96) 1,2,3-Trichlorobenzene	15.694	180	402	3.238	ug/l #	1

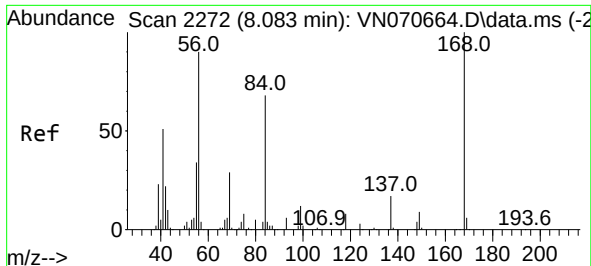
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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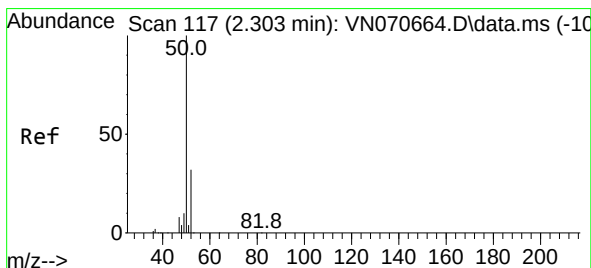
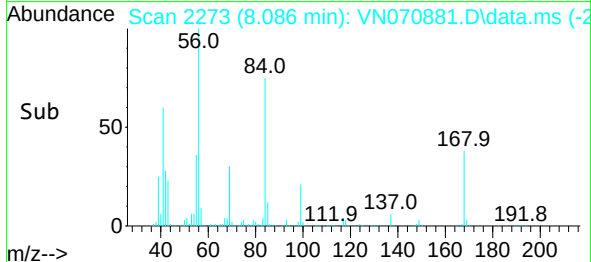
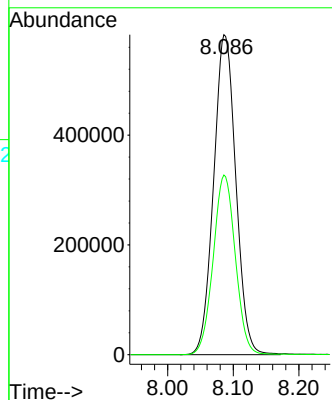
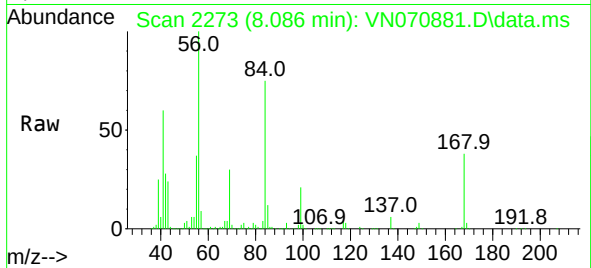




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070881.D
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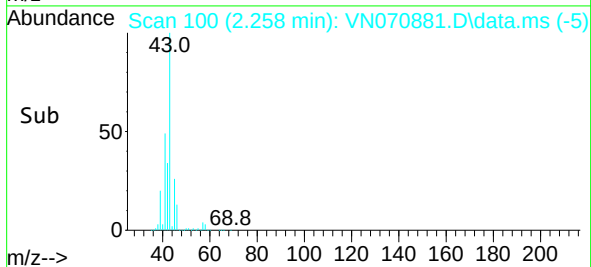
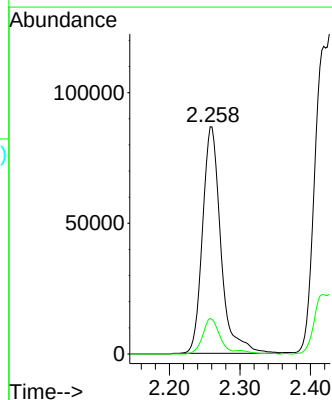
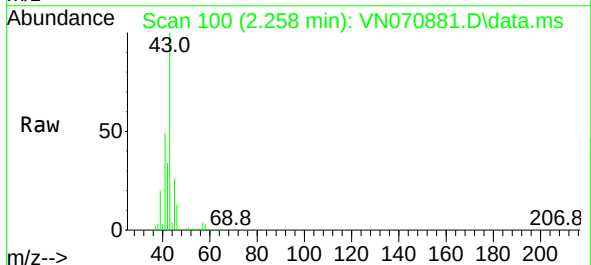
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ClientSampleId :
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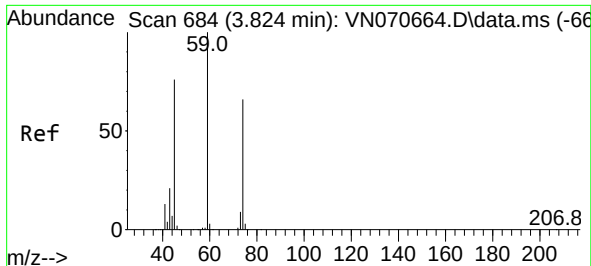
Tgt Ion:168 Resp: 1372584
Ion Ratio Lower Upper
168 100
99 56.1 41.3 61.9



#3
Chloromethane
Concen: 6.754 ug/l
RT: 2.258 min Scan# 100
Delta R.T. -0.045 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

Tgt Ion: 50 Resp: 156586
Ion Ratio Lower Upper
50 100
52 15.7 25.4 38.0#

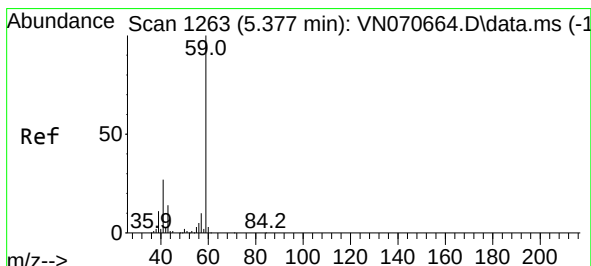
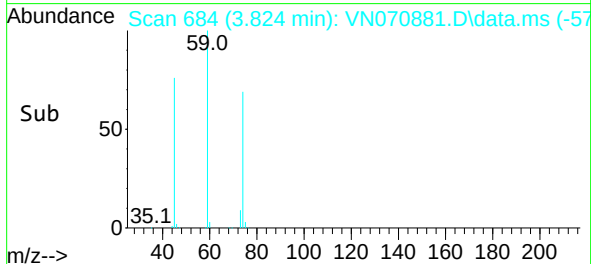
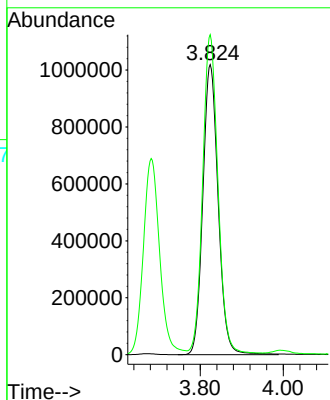
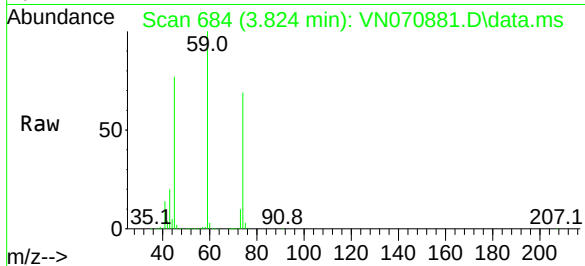




#8
Diethyl Ether
Concen: 236.866 ug/l
RT: 3.824 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

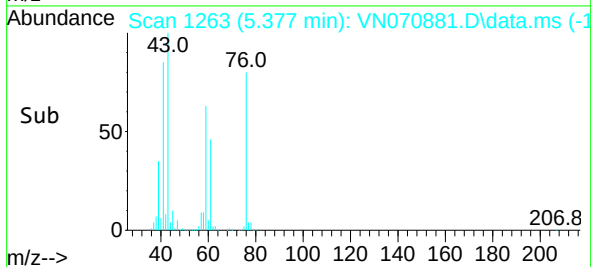
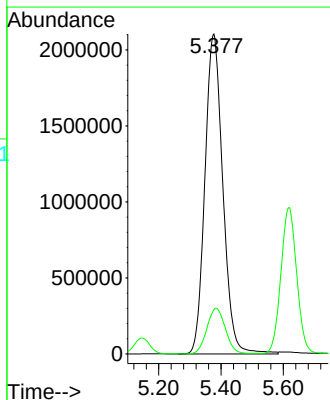
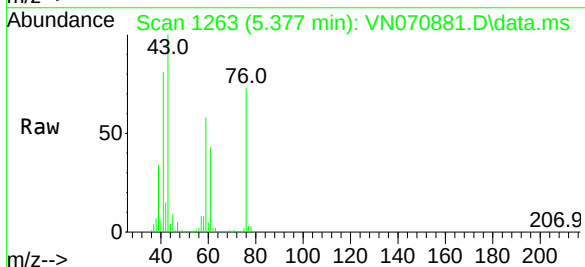
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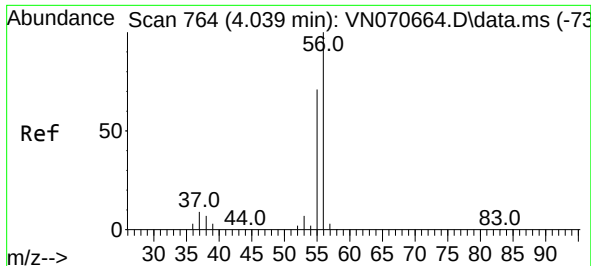
Tgt Ion: 74 Resp: 2606399
Ion Ratio Lower Upper
74 100
45 109.9 47.0 141.2



#11
Tert butyl alcohol
Concen: 2368.932 ug/l
RT: 5.377 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

Tgt Ion: 59 Resp: 8407240
Ion Ratio Lower Upper
59 100
57 14.8 8.7 13.1#

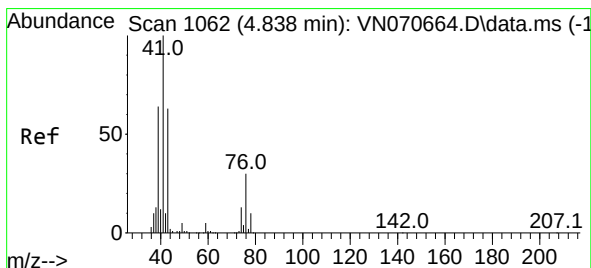
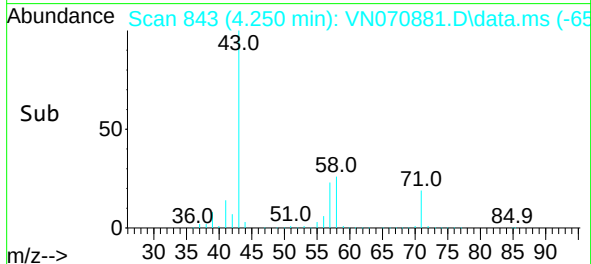
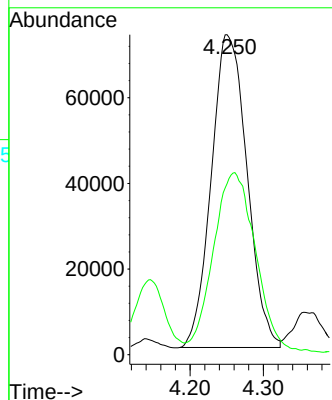
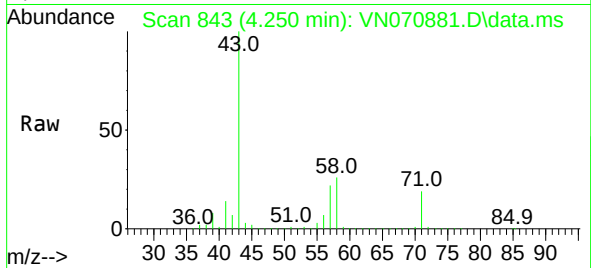




#13
Acrolein
Concen: 48.557 ug/l
RT: 4.250 min Scan# 84
Delta R.T. 0.211 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

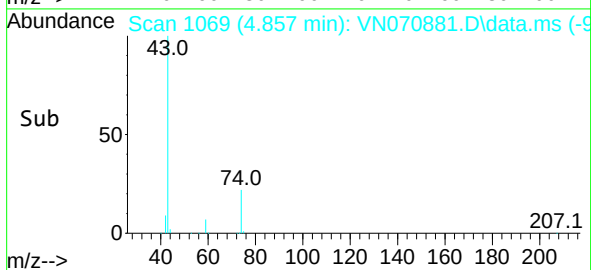
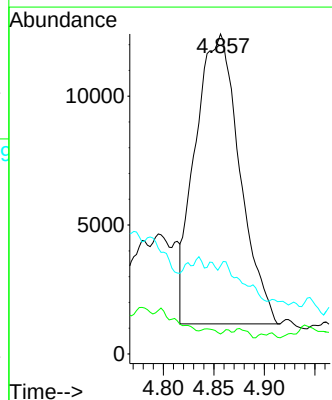
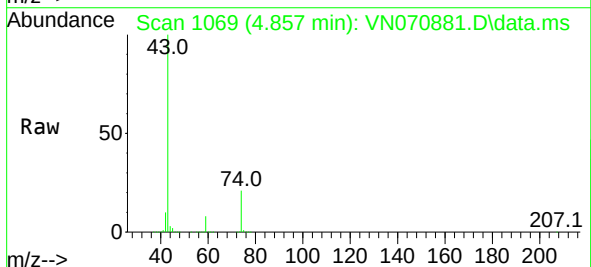
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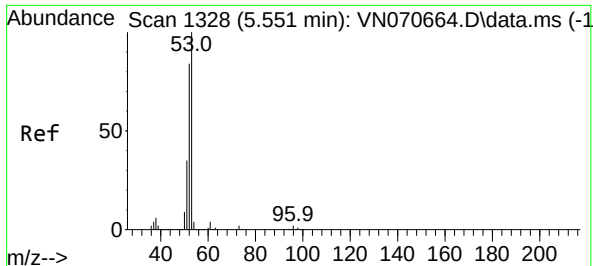
Tgt Ion: 56 Resp: 247147
Ion Ratio Lower Upper
56 100
55 63.0 56.6 85.0



#14
Allyl chloride
Concen: 1.036 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.019 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

Tgt Ion: 41 Resp: 34273
Ion Ratio Lower Upper
41 100
39 0.0 61.2 91.8#
76 0.0 26.0 39.0#

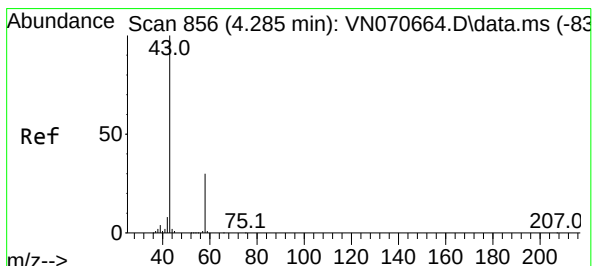
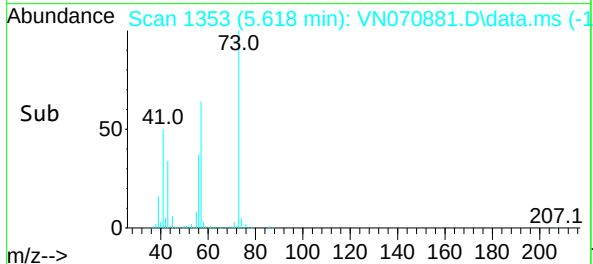
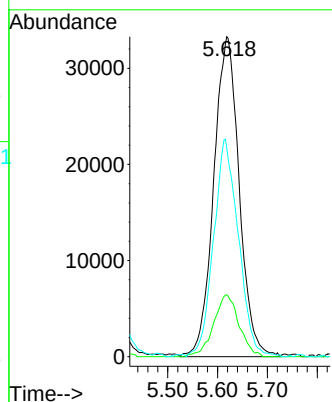
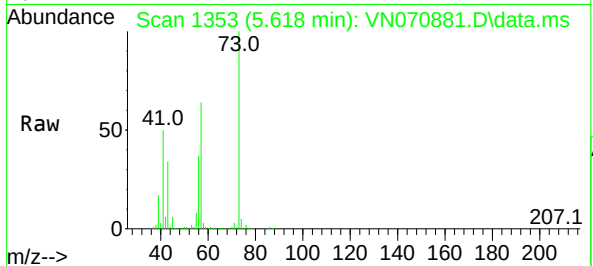




#15
Acrylonitrile
Concen: 10.470 ug/l
RT: 5.618 min Scan# 11
Delta R.T. 0.067 min
Lab File: VN070881.D
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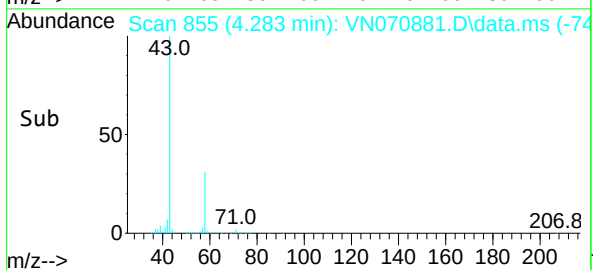
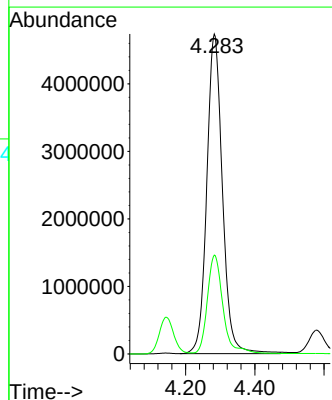
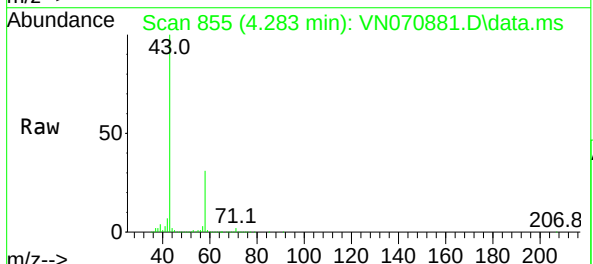
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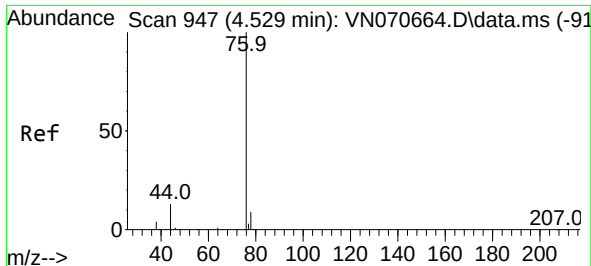
Tgt Ion: 53 Resp: 118211
Ion Ratio Lower Upper
53 100
52 19.3 66.2 99.2#
51 66.3 29.6 44.4#



#16
Acetone
Concen: 1086.721 ug/l
RT: 4.283 min Scan# 855
Delta R.T. -0.002 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

Tgt Ion: 43 Resp:14837338
Ion Ratio Lower Upper
43 100
58 30.8 23.1 34.7

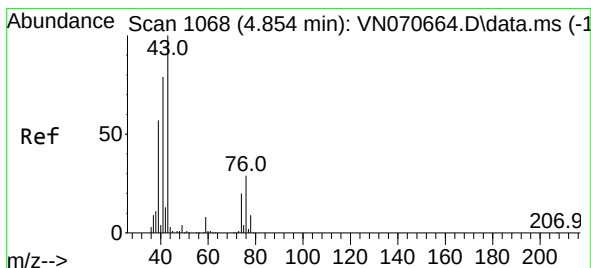
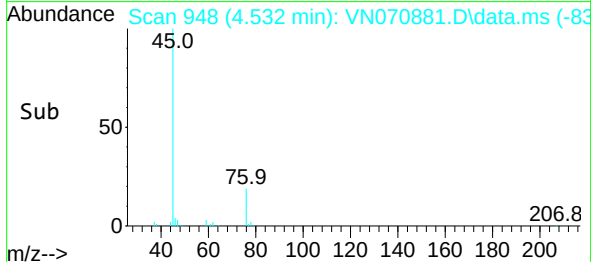
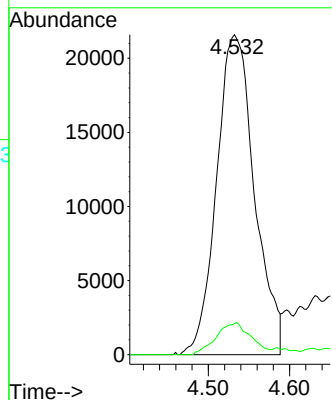
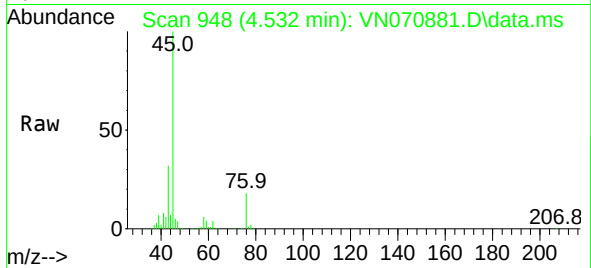




#17
Carbon Disulfide
Concen: 1.697 ug/l
RT: 4.532 min Scan# 947
Delta R.T. 0.003 min
Lab File: VN070881.D
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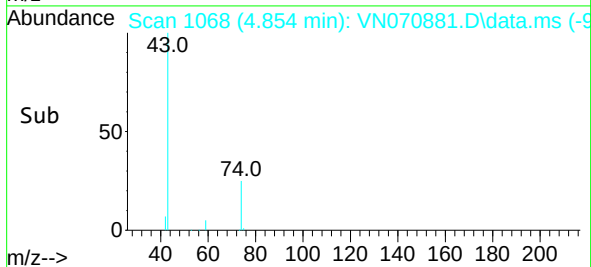
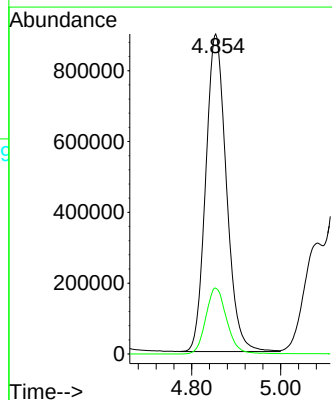
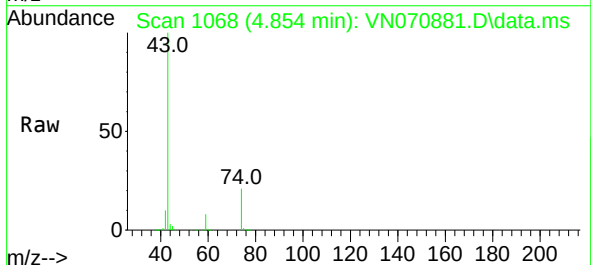
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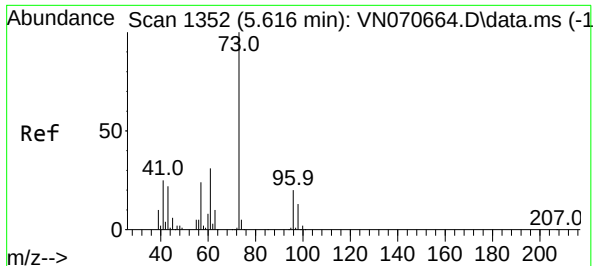
Tgt Ion: 76 Resp: 69988
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3



#18
Methyl Acetate
Concen: 107.580 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

Tgt Ion: 43 Resp: 2888636
Ion Ratio Lower Upper
43 100
74 20.9 19.4 29.2

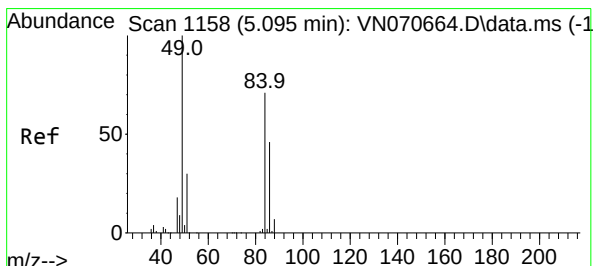
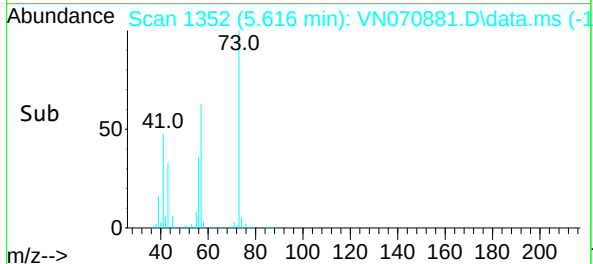
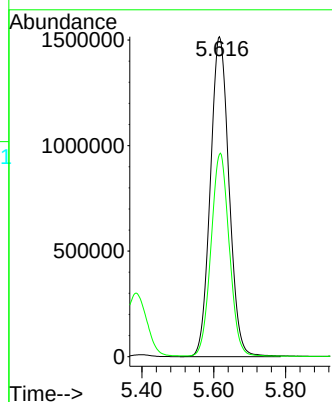
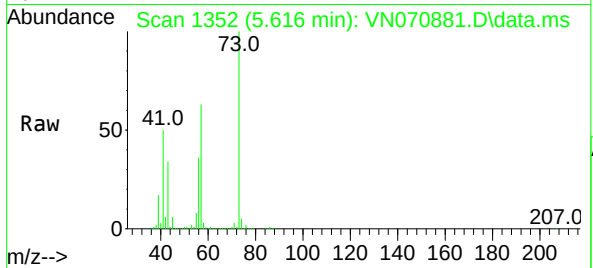




#19
Methyl tert-butyl Ether
Concen: 100.812 ug/l
RT: 5.616 min Scan# 1157
Delta R.T. -0.000 min
Lab File: VN070881.D
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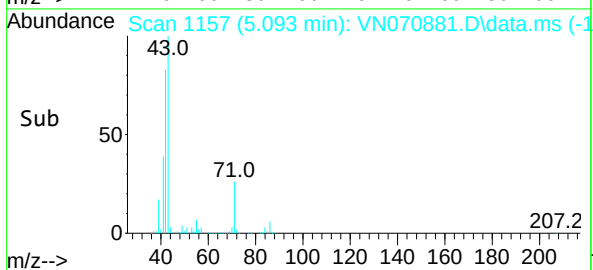
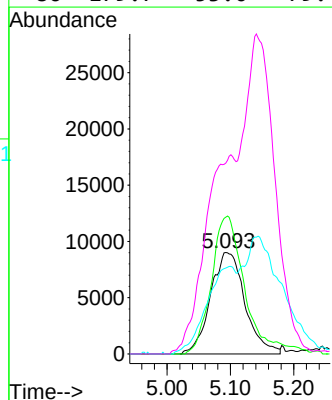
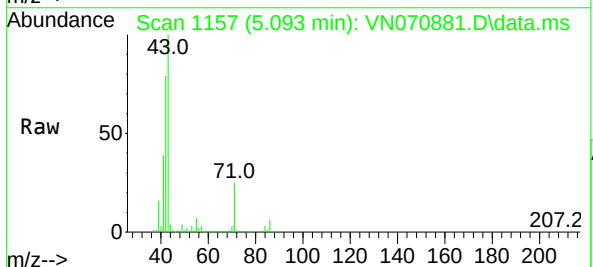
Instrument :
MSVOA_N
ClientSampleId :
31535

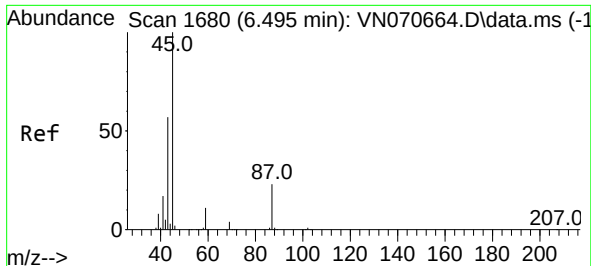
Tgt Ion: 73 Resp: 5468574
Ion Ratio Lower Upper
73 100
57 63.0 16.8 25.2#



#20
Methylene Chloride
Concen: 1.899 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.002 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

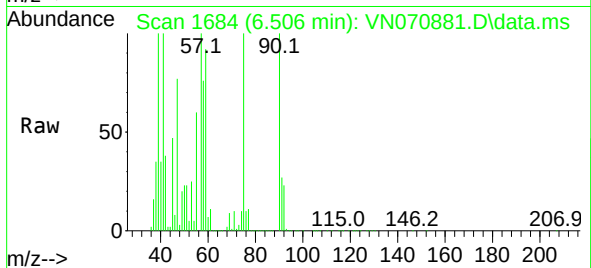
Tgt Ion: 84 Resp: 34156
Ion Ratio Lower Upper
84 100
49 134.9 93.5 140.3
51 80.7 29.4 44.2#
86 179.7 53.0 79.4#



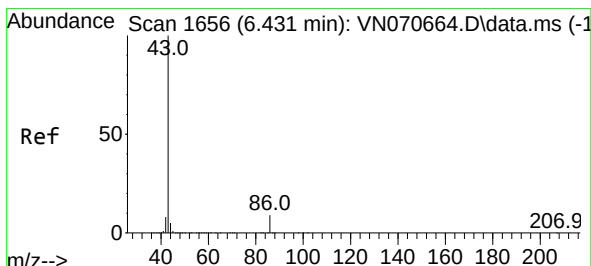
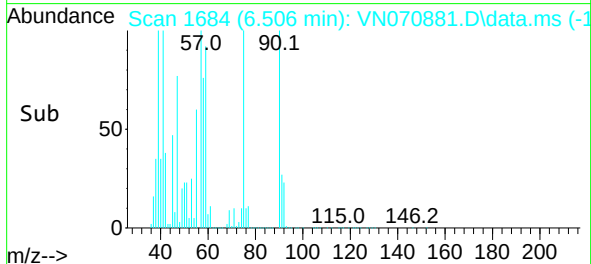
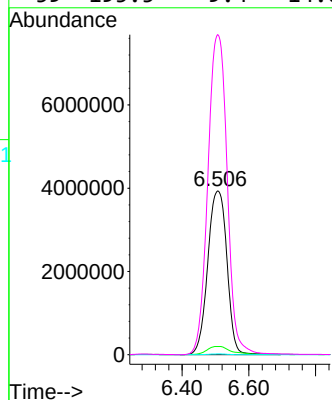


#22
Diisopropyl ether
Concen: 239.226 ug/l
RT: 6.506 min Scan# 1684
Delta R.T. 0.011 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

Instrument :
MSVOA_N
ClientSampleId :
31535

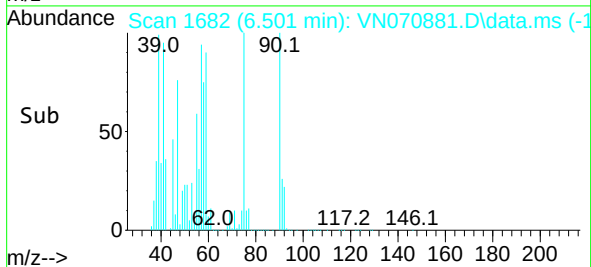
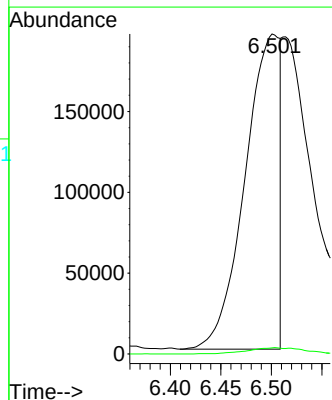
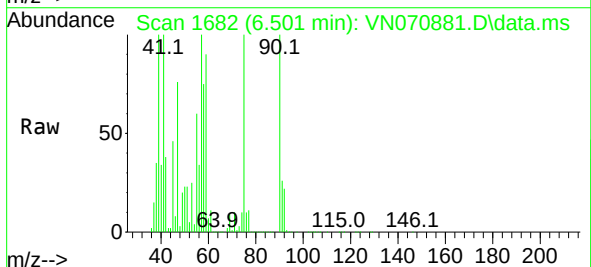


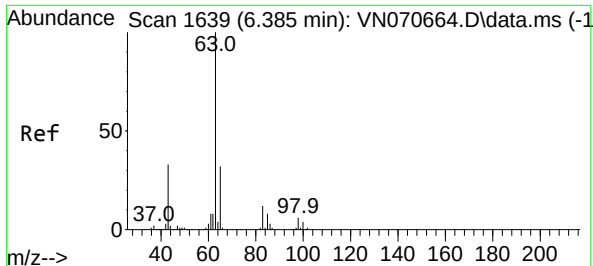
Tgt Ion: 45 Resp:15687853
Ion Ratio Lower Upper
45 100
43 4.9 51.7 77.5#
87 0.5 23.2 34.8#
59 195.5 9.4 14.0#



#23
Vinyl Acetate
Concen: 8.371 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.070 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

Tgt Ion: 43 Resp: 465352
Ion Ratio Lower Upper
43 100
86 1.9 8.5 12.7#

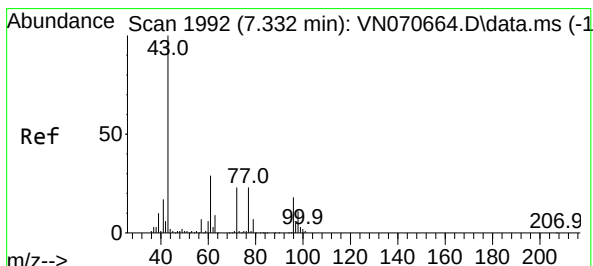
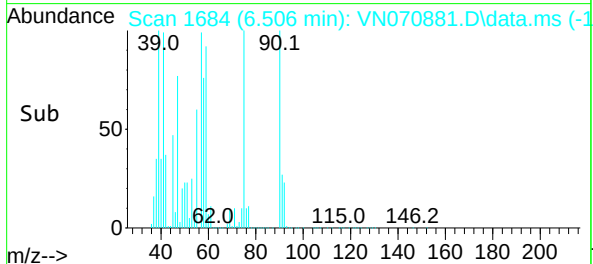
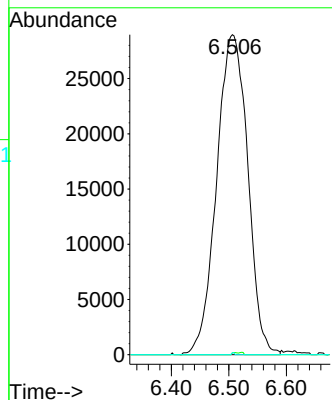
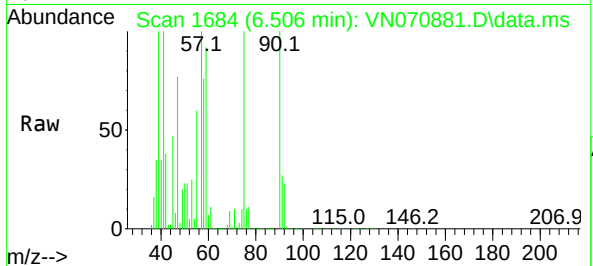




#24
1,1-Dichloroethane
Concen: 3.319 ug/l
RT: 6.506 min Scan# 1
Delta R.T. 0.121 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

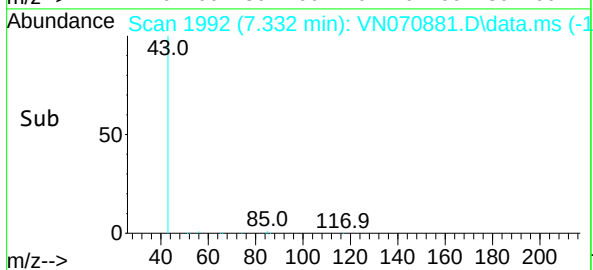
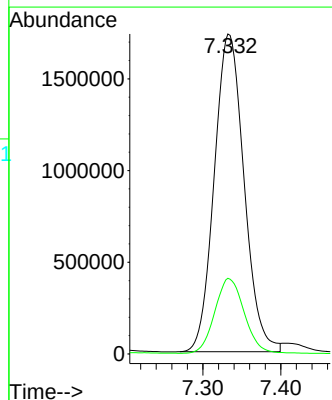
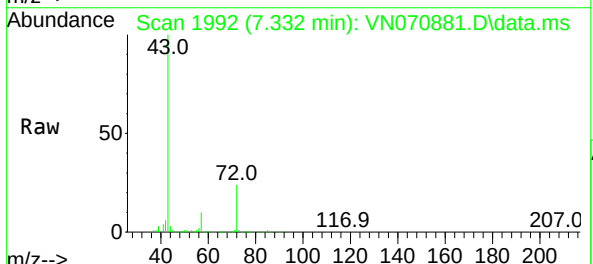
Instrument :
MSVOA_N
ClientSampleId :
31535

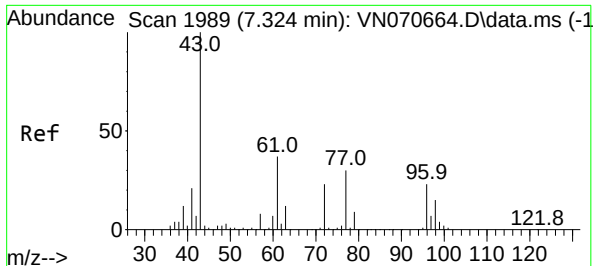
Tgt Ion: 63 Resp: 108858
Ion Ratio Lower Upper
63 100
98 0.6 3.3 9.9#
100 0.6 2.1 6.5#



#25
2-Butanone
Concen: 268.047 ug/l
RT: 7.332 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

Tgt Ion: 43 Resp: 4605196
Ion Ratio Lower Upper
43 100
72 23.6 21.7 32.5





#26

2,2-Dichloropropane

Concen: 15.153 ug/l

RT: 7.166 min Scan# 1989

Delta R.T. -0.158 min

Lab File: VN070881.D

Acq: 1 Feb 2022 19:27

Instrument :

MSVOA_N

ClientSampleId :

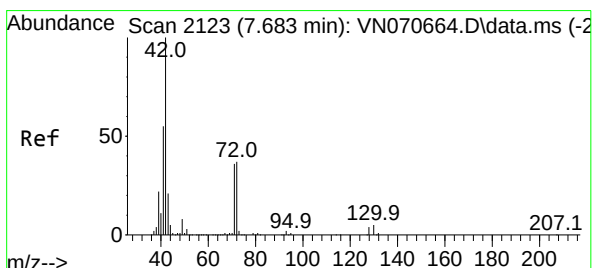
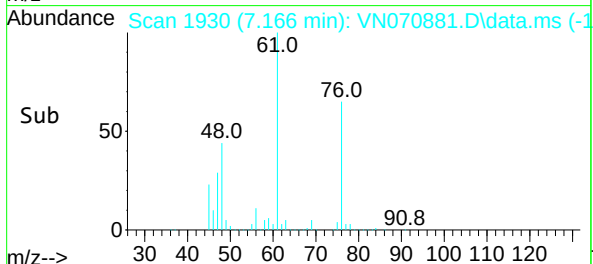
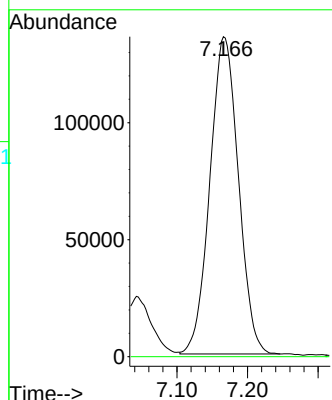
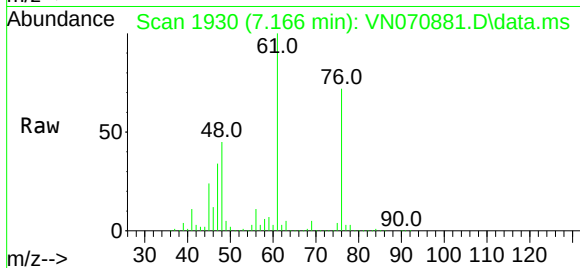
31535

Tgt Ion: 77 Resp: 381100

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.8#



#29

Tetrahydrofuran

Concen: 9.805 ug/l

RT: 7.689 min Scan# 2125

Delta R.T. 0.006 min

Lab File: VN070881.D

Acq: 1 Feb 2022 19:27

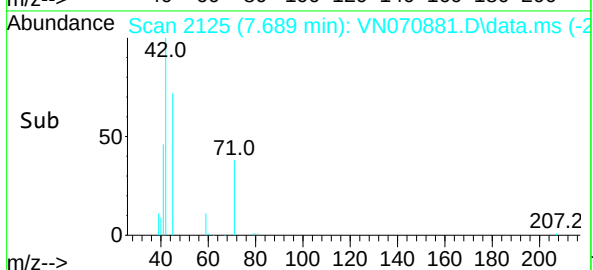
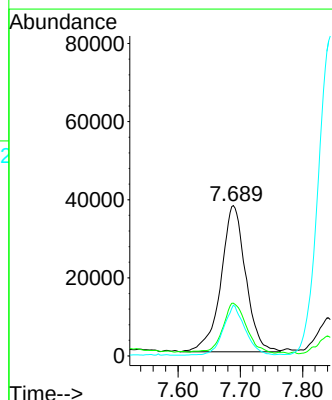
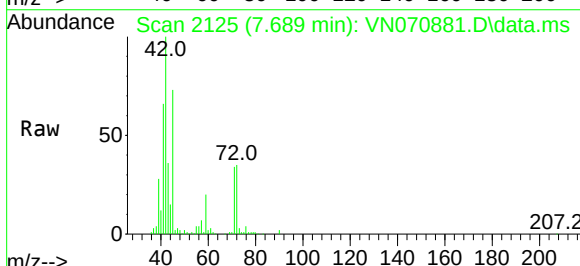
Tgt Ion: 42 Resp: 103143

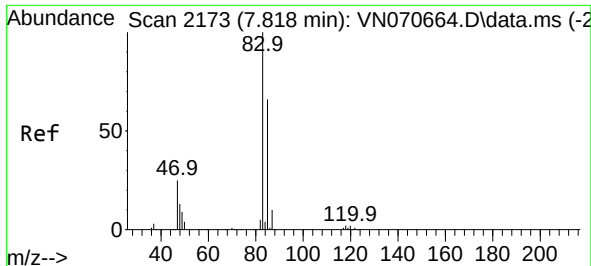
Ion Ratio Lower Upper

42 100

72 32.0 36.3 54.5#

71 29.1 34.7 52.1#





#30

Chloroform

Concen: 4.866 ug/l

RT: 8.096 min Scan# 2173

Delta R.T. 0.278 min

Lab File: VN070881.D

Acq: 1 Feb 2022 19:27

Instrument :

MSVOA_N

ClientSampleId :

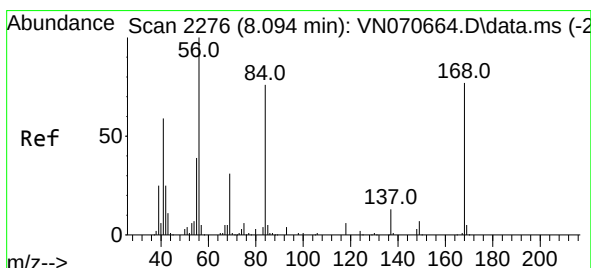
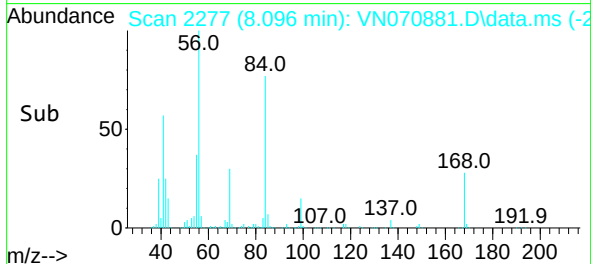
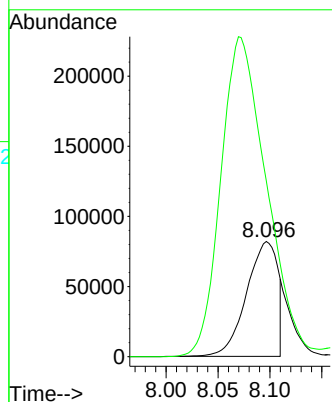
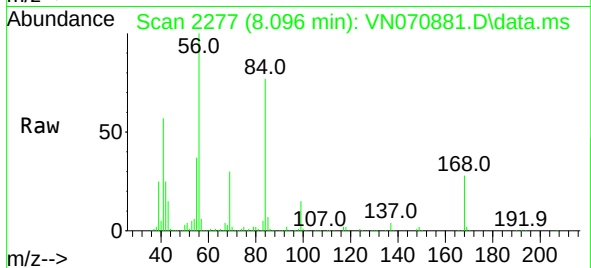
31535

Tgt Ion: 83 Resp: 170509

Ion Ratio Lower Upper

83 100

85 152.2 51.9 77.9#



#31

Cyclohexane

Concen: 137.298 ug/l

RT: 8.096 min Scan# 2277

Delta R.T. 0.002 min

Lab File: VN070881.D

Acq: 1 Feb 2022 19:27

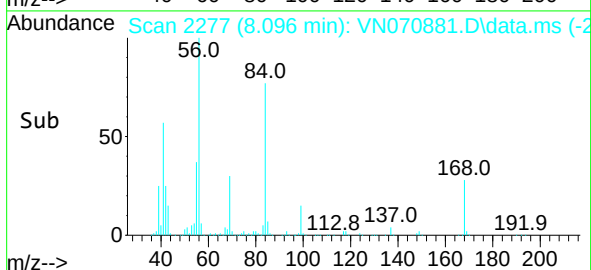
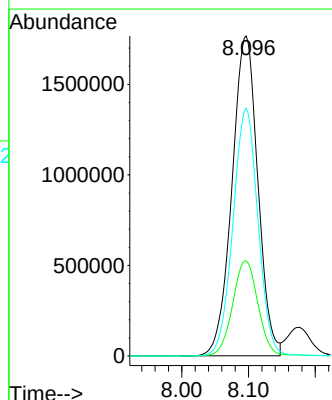
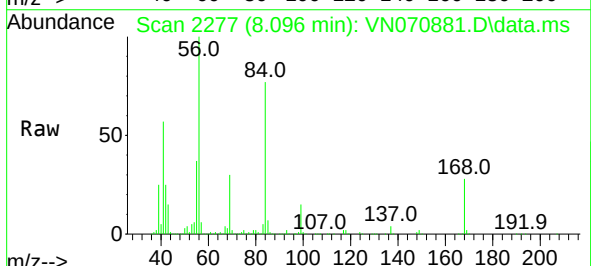
Tgt Ion: 56 Resp: 4755900

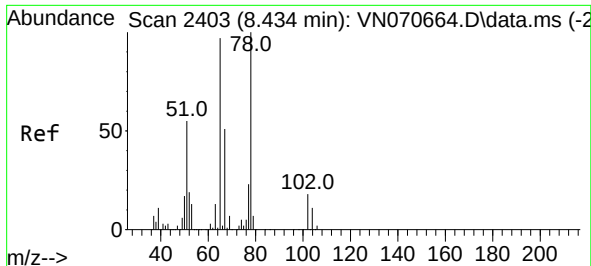
Ion Ratio Lower Upper

56 100

69 29.7 27.1 40.7

84 77.4 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 41.931 ug/l

RT: 8.453 min Scan# 24

Delta R.T. 0.019 min

Lab File: VN070881.D

Acq: 1 Feb 2022 19:27

Instrument :

MSVOA_N

ClientSampleId :

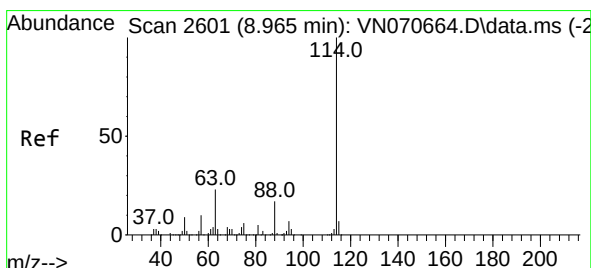
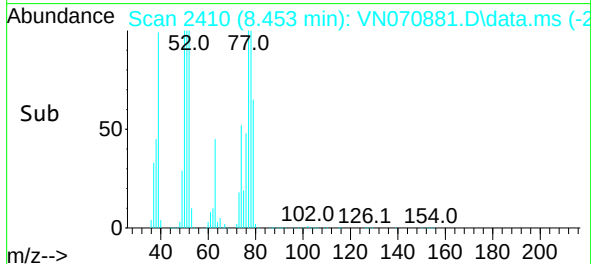
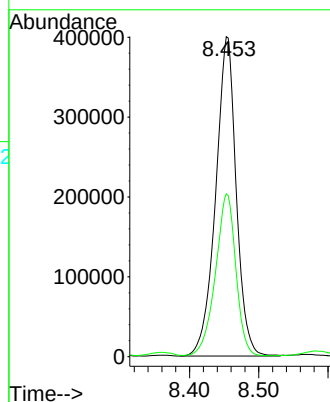
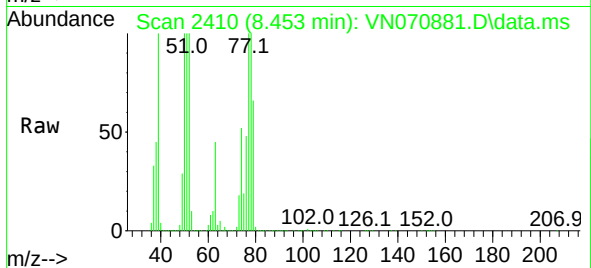
31535

Tgt Ion: 65 Resp: 824842

Ion Ratio Lower Upper

65 100

67 50.4 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: VN070881.D

Acq: 1 Feb 2022 19:27

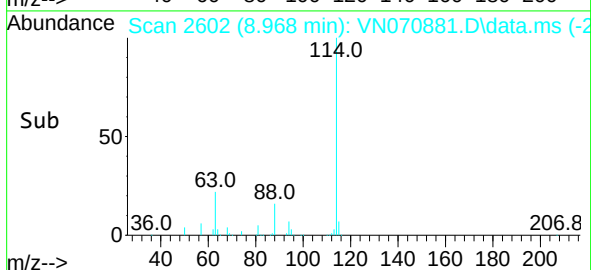
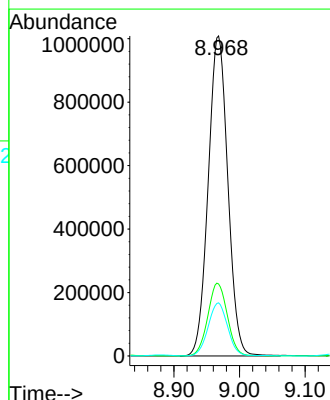
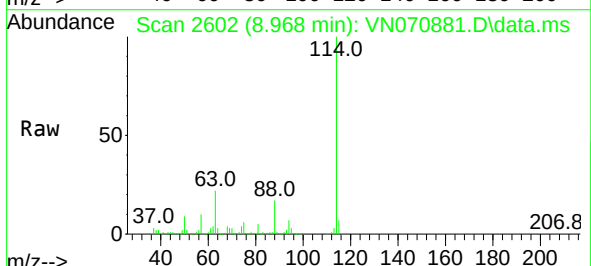
Tgt Ion: 114 Resp: 2092193

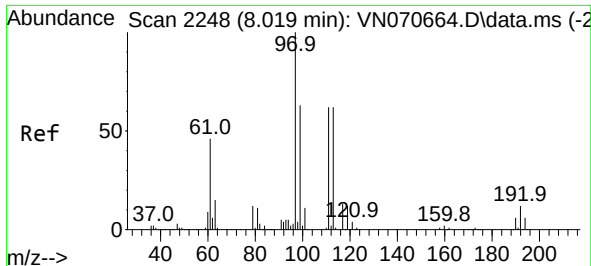
Ion Ratio Lower Upper

114 100

63 22.4 0.0 37.8

88 16.5 0.0 27.4

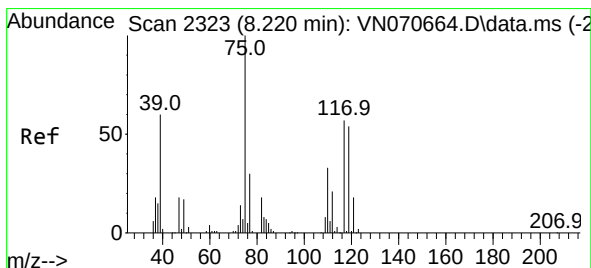
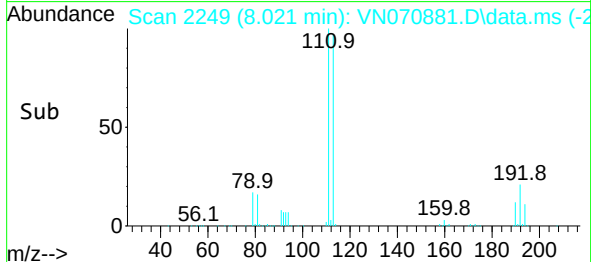
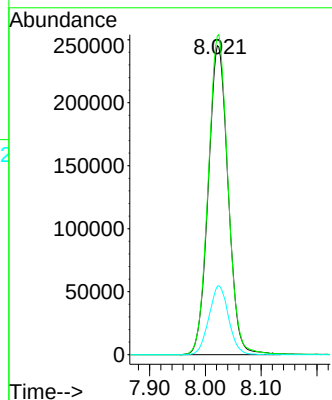
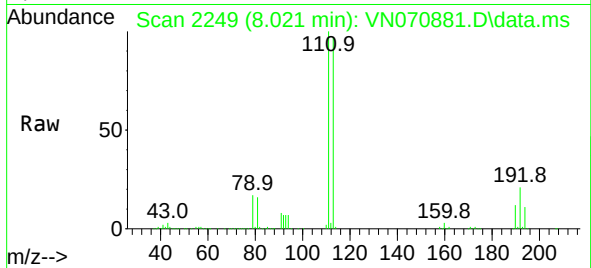




#35
 Dibromofluoromethane
 Concen: 46.764 ug/l
 RT: 8.021 min Scan# 2113
 Delta R.T. 0.002 min
 Lab File: VN070881.D
 Acq: 1 Feb 2022 19:27

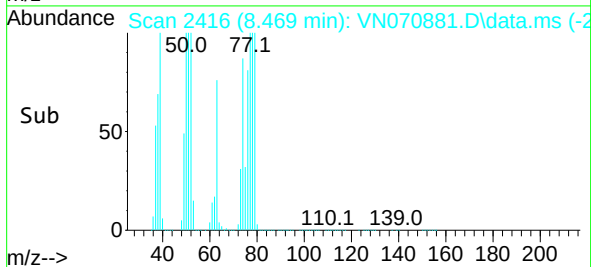
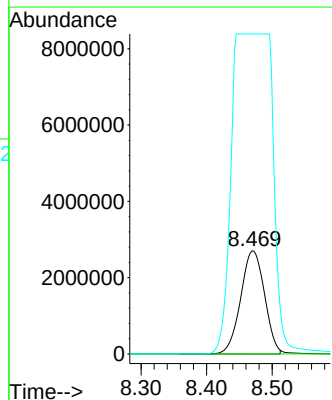
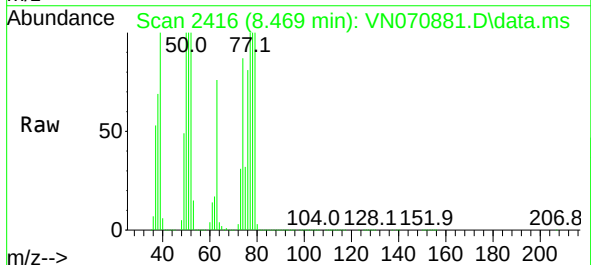
Instrument :
 MSVOA_N
 ClientSampleId :
 31535

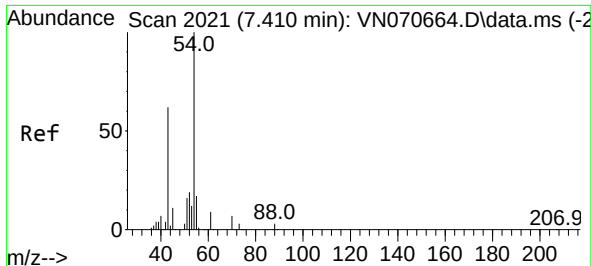
Tgt Ion:113 Resp: 606902
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.2
 192 22.1 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 311.996 ug/l
 RT: 8.469 min Scan# 2416
 Delta R.T. 0.249 min
 Lab File: VN070881.D
 Acq: 1 Feb 2022 19:27

Tgt Ion: 75 Resp: 6816521
 Ion Ratio Lower Upper
 75 100
 110 0.1 18.4 55.2#
 77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 158.768 ug/l

RT: 7.332 min Scan# 19

Delta R.T. -0.078 min

Lab File: VN070881.D

Acq: 1 Feb 2022 19:27

Instrument :

MSVOA_N

ClientSampleId :

31535

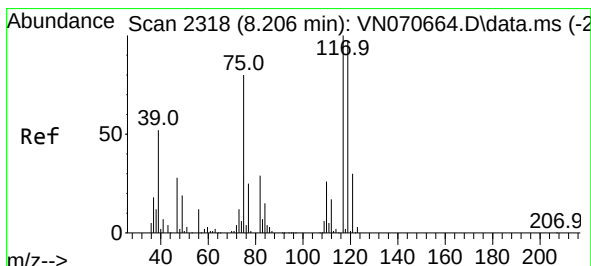
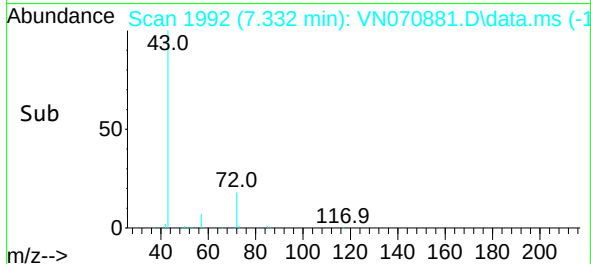
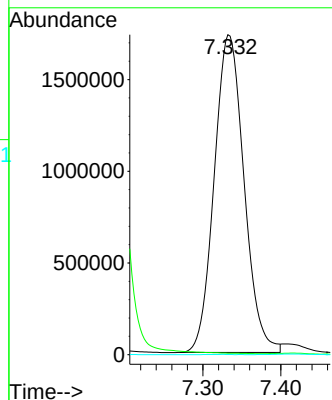
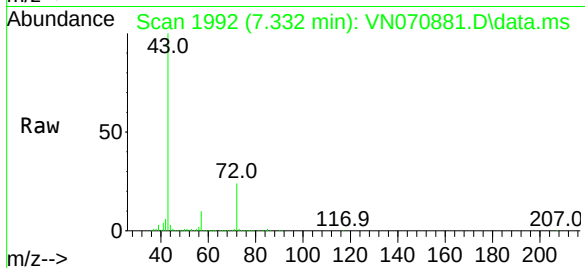
Tgt Ion: 43 Resp: 4605196

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.1 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 6.556 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.120 min

Lab File: VN070881.D

Acq: 1 Feb 2022 19:27

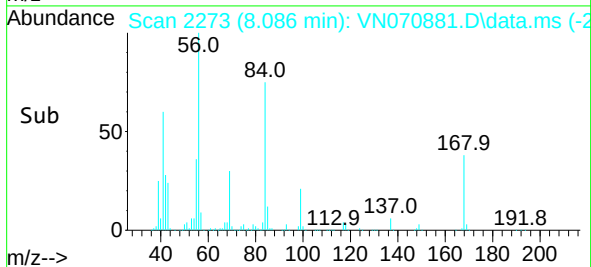
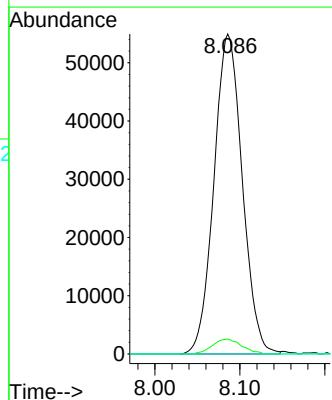
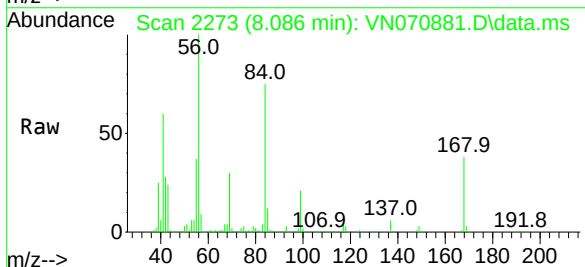
Tgt Ion: 117 Resp: 127422

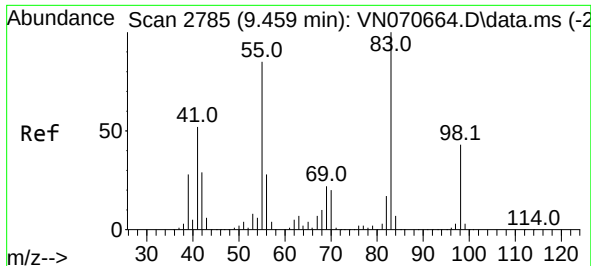
Ion Ratio Lower Upper

117 100

119 4.6 76.1 114.1#

121 0.0 24.2 36.2#

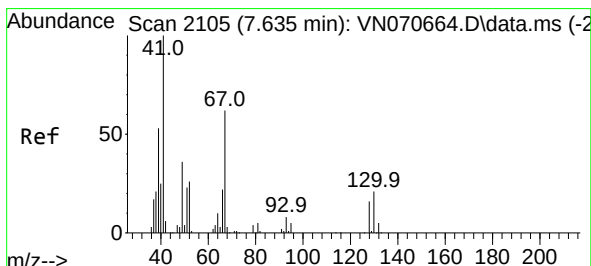
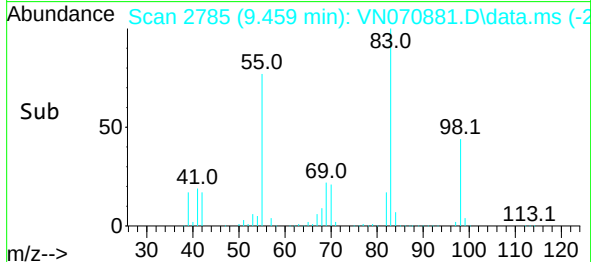
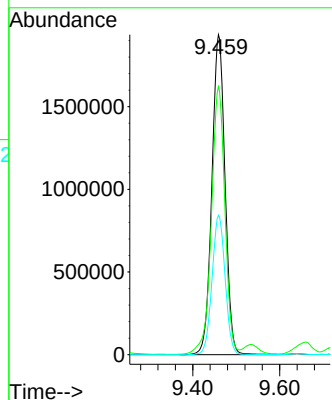
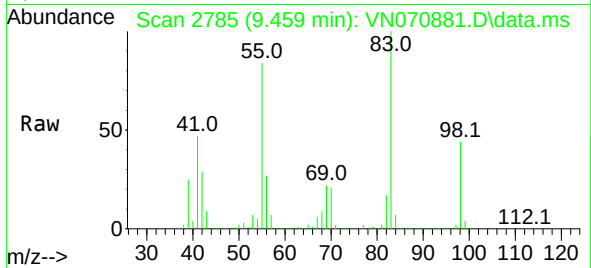




#39
Methylcyclohexane
Concen: 150.748 ug/l
RT: 9.459 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

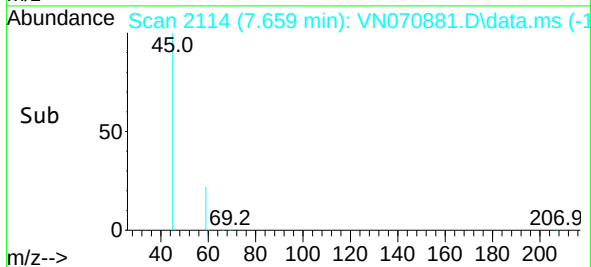
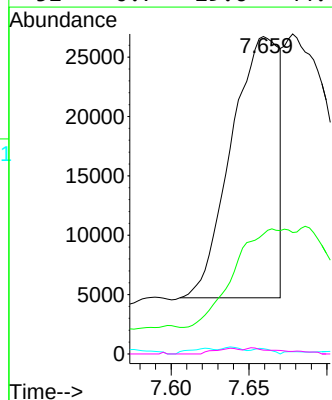
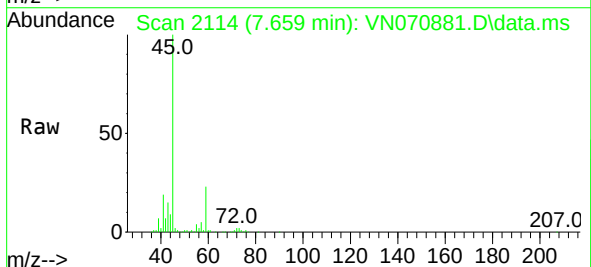
Instrument :
MSVOA_N
ClientSampleId :
31535

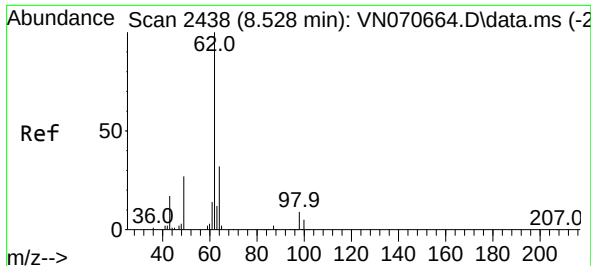
Tgt Ion: 83 Resp: 4065996
Ion Ratio Lower Upper
83 100
55 83.6 58.1 87.1
98 43.6 38.4 57.6



#41
Methacrylonitrile
Concen: 3.167 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.024 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

Tgt Ion: 41 Resp: 46731
Ion Ratio Lower Upper
41 100
39 36.2 48.1 72.1#
67 0.8 68.3 102.5#
52 0.7 29.6 44.4#





#42

1,2-Dichloroethane

Concen: 152.537 ug/l

RT: 8.469 min Scan# 2416

Delta R.T. -0.059 min

Lab File: VN070881.D

Acq: 1 Feb 2022 19:27

Instrument :

MSVOA_N

ClientSampleId :

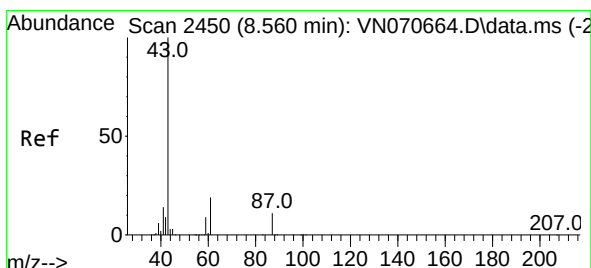
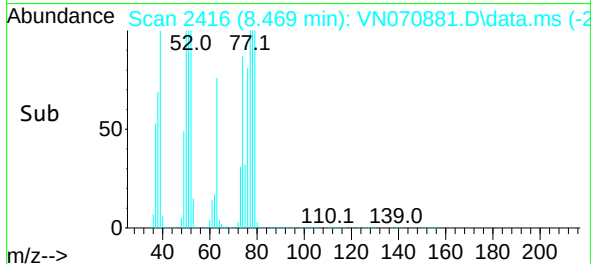
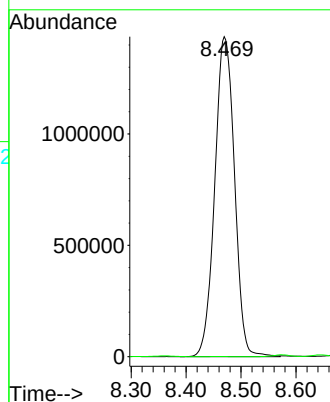
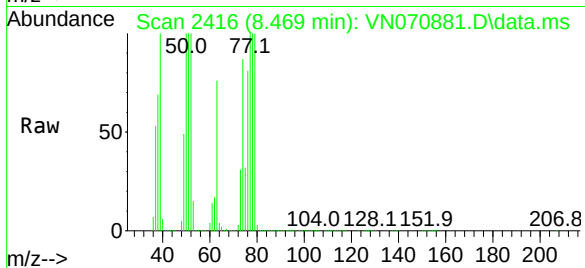
31535

Tgt Ion: 62 Resp: 3580573

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.6



#43

Isopropyl Acetate

Concen: 13.623 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. 0.000 min

Lab File: VN070881.D

Acq: 1 Feb 2022 19:27

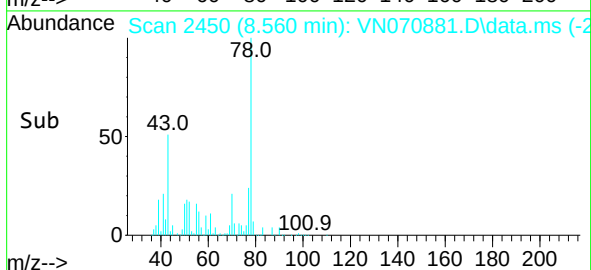
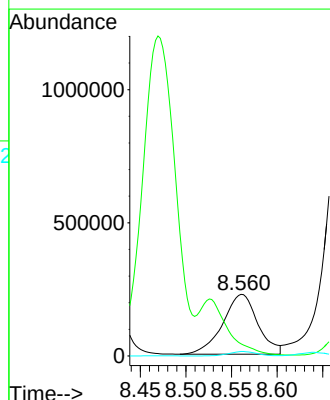
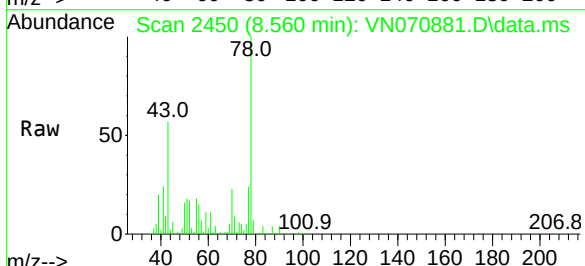
Tgt Ion: 43 Resp: 603537

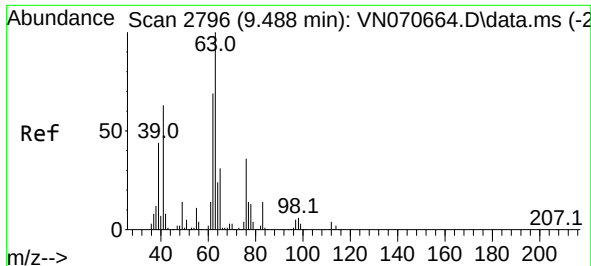
Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 6.0 11.2 16.8#





#45

1,2-Dichloropropane

Concen: 2.880 ug/l

RT: 9.504 min Scan# 21

Delta R.T. 0.016 min

Lab File: VN070881.D

Acq: 1 Feb 2022 19:27

Instrument :

MSVOA_N

ClientSampleId :

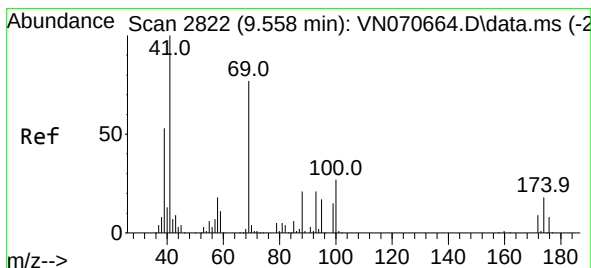
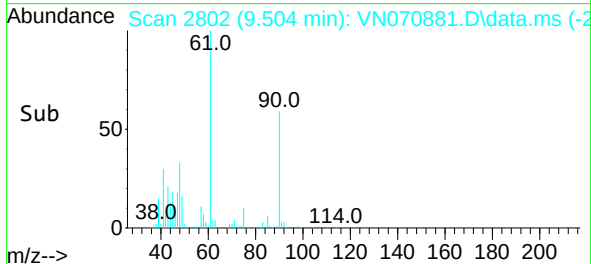
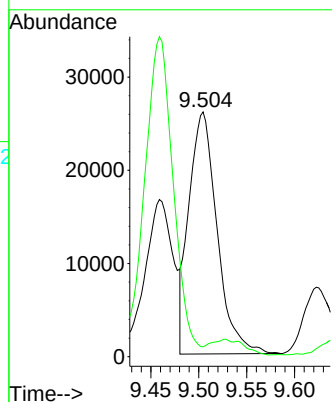
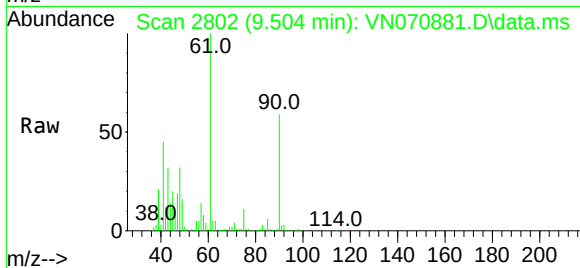
31535

Tgt Ion: 63 Resp: 53043

Ion Ratio Lower Upper

63 100

65 3.1 24.7 37.1#



#48

Methyl methacrylate

Concen: 46.291 ug/l

RT: 9.625 min Scan# 2847

Delta R.T. 0.067 min

Lab File: VN070881.D

Acq: 1 Feb 2022 19:27

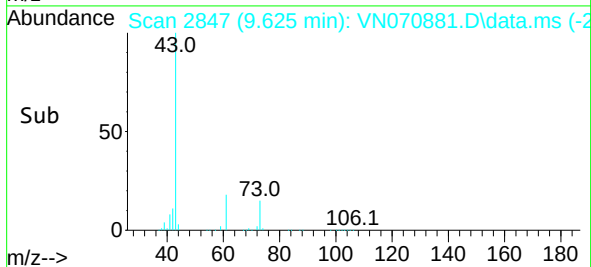
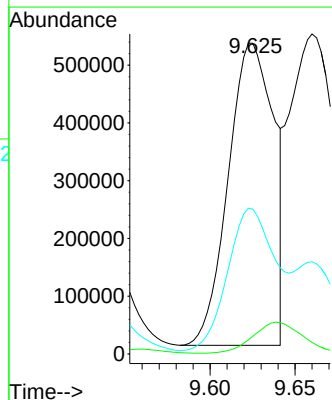
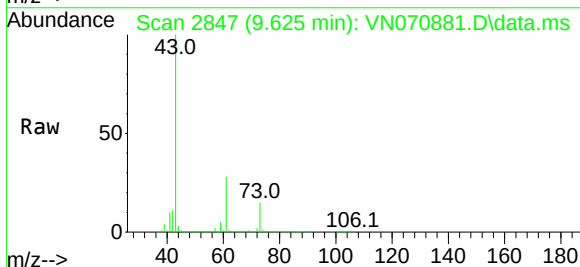
Tgt Ion: 41 Resp: 977031

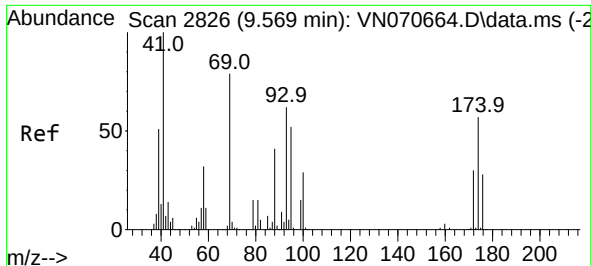
Ion Ratio Lower Upper

41 100

69 11.3 72.4 108.6#

39 50.1 58.4 87.6#





#49

1,4-Dioxane

Concen: 5.876 ug/l

RT: 9.566 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070881.D

Acq: 1 Feb 2022 19:27

Instrument :

MSVOA_N

ClientSampleId :

31535

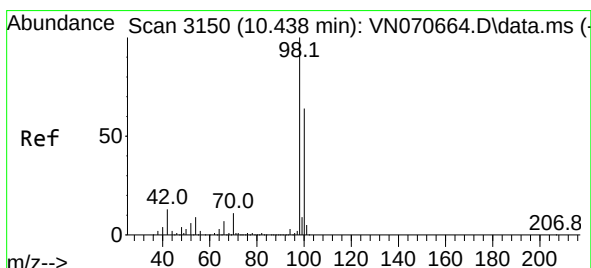
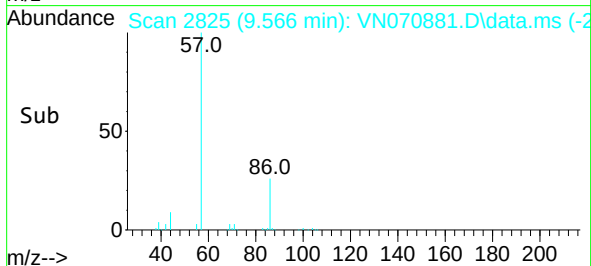
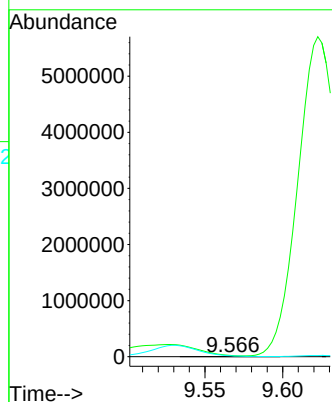
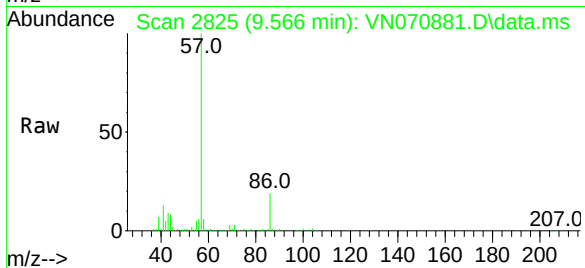
Tgt Ion: 88 Resp: 1863

Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.2#

58 0.0 50.6 75.8#



#50

Toluene-d8

Concen: 46.618 ug/l

RT: 10.446 min Scan# 3153

Delta R.T. 0.008 min

Lab File: VN070881.D

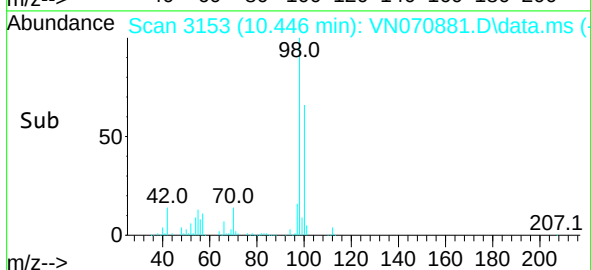
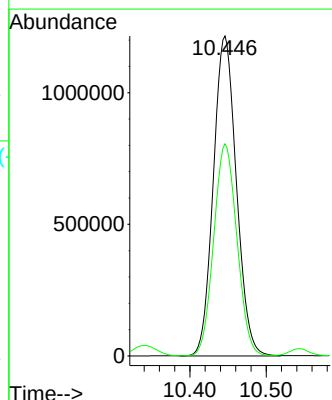
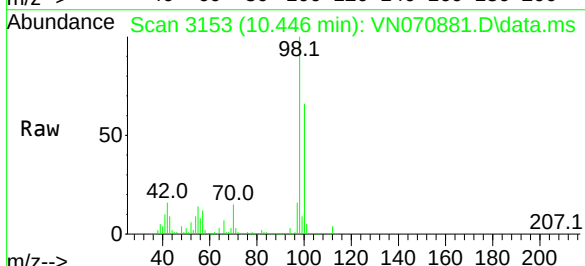
Acq: 1 Feb 2022 19:27

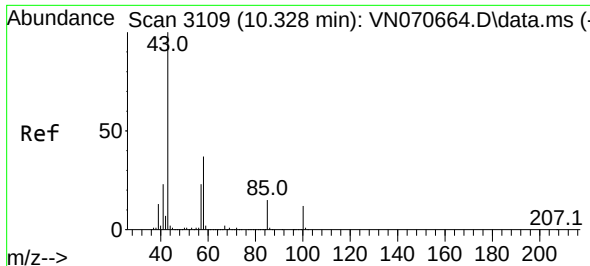
Tgt Ion: 98 Resp: 2548728

Ion Ratio Lower Upper

98 100

100 66.7 50.4 75.6

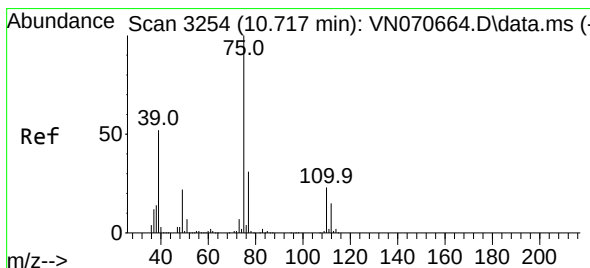
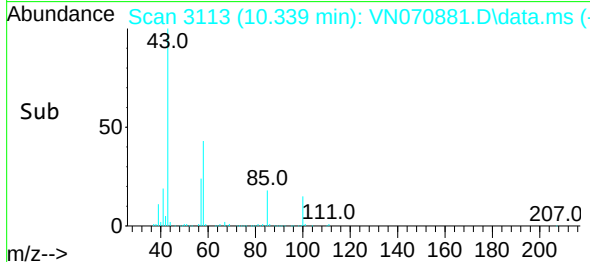
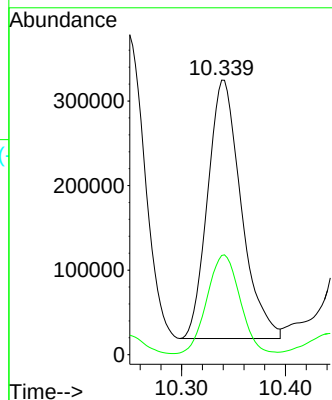
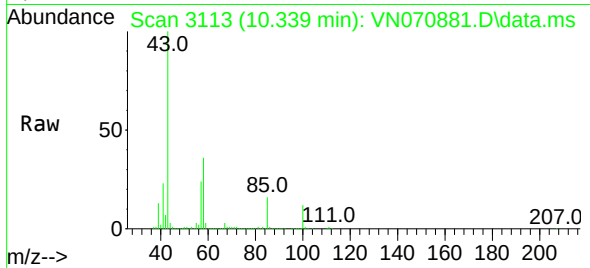




#51
4-Methyl-2-Pentanone
Concen: 24.280 ug/l
RT: 10.339 min Scan# 3113
Delta R.T. 0.011 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

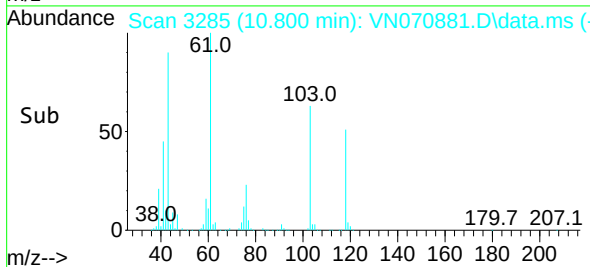
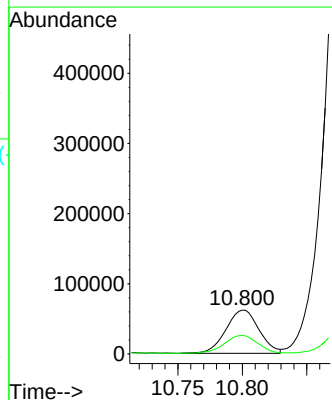
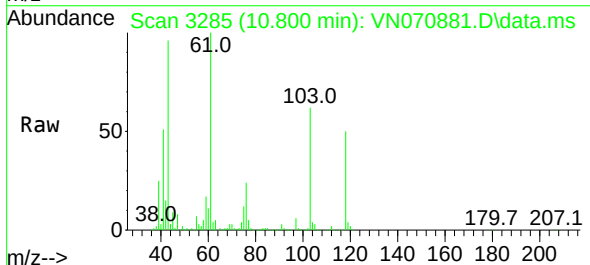
Instrument :
MSVOA_N
ClientSampleId :
31535

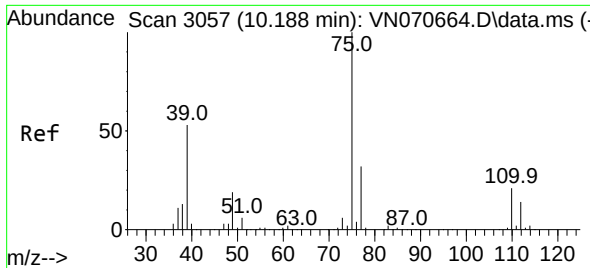
Tgt Ion: 43 Resp: 686392
Ion Ratio Lower Upper
43 100
58 37.6 30.4 45.6



#53
t-1,3-Dichloropropene
Concen: 6.342 ug/l
RT: 10.800 min Scan# 3285
Delta R.T. 0.083 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

Tgt Ion: 75 Resp: 109838
Ion Ratio Lower Upper
75 100
77 41.1 25.6 38.4#

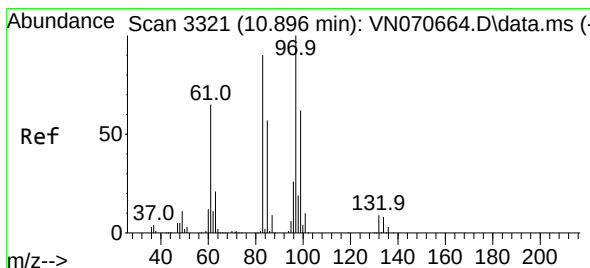
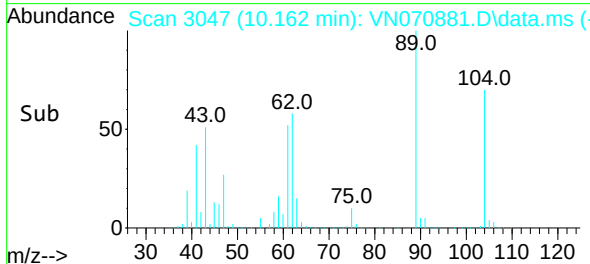
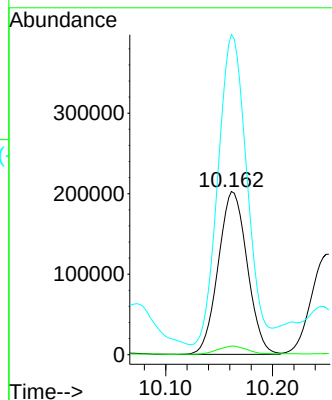
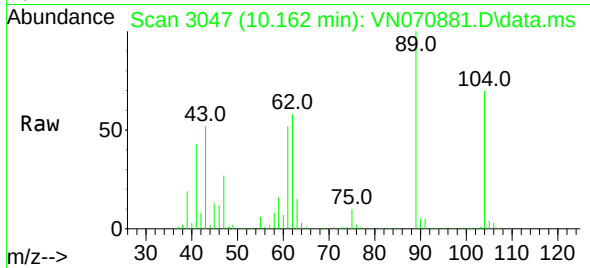




#54
 cis-1,3-Dichloropropene
 Concen: 14.539 ug/l
 RT: 10.162 min Scan# 3047
 Delta R.T. -0.026 min
 Lab File: VN070881.D
 Acq: 1 Feb 2022 19:27

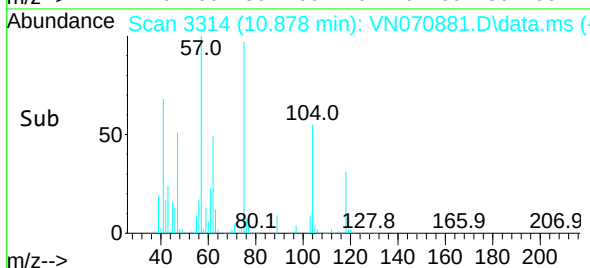
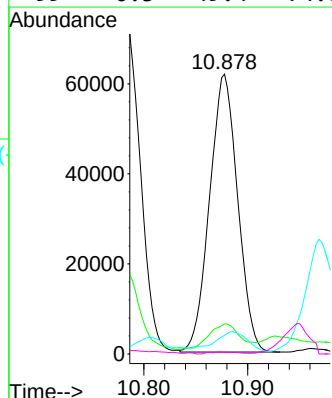
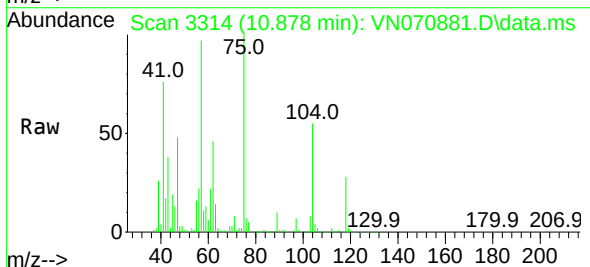
Instrument :
 MSVOA_N
 ClientSampleId :
 31535

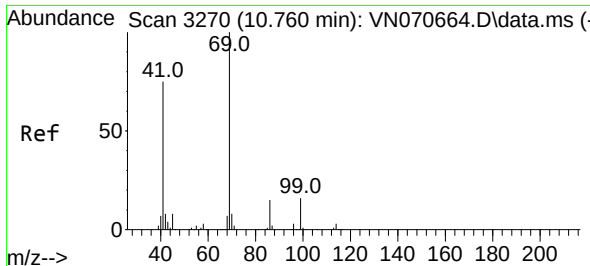
Tgt Ion: 75 Resp: 381708
 Ion Ratio Lower Upper
 75 100
 77 5.1 26.4 39.6#
 39 188.4 42.5 63.7#



#55
 1,1,2-Trichloroethane
 Concen: 7.300 ug/l
 RT: 10.878 min Scan# 3314
 Delta R.T. -0.018 min
 Lab File: VN070881.D
 Acq: 1 Feb 2022 19:27

Tgt Ion: 97 Resp: 116131
 Ion Ratio Lower Upper
 97 100
 83 9.2 67.8 101.6#
 85 4.5 45.4 68.2#
 99 0.3 49.4 74.0#

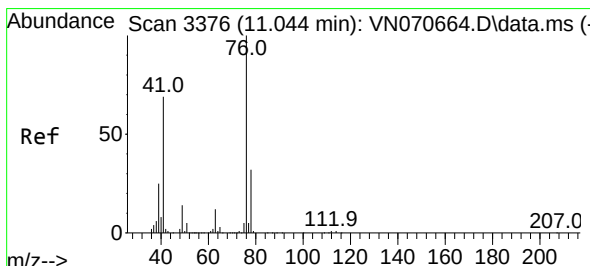
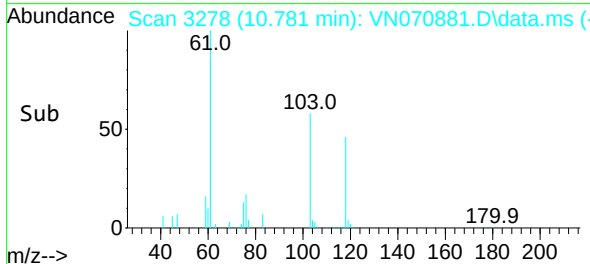
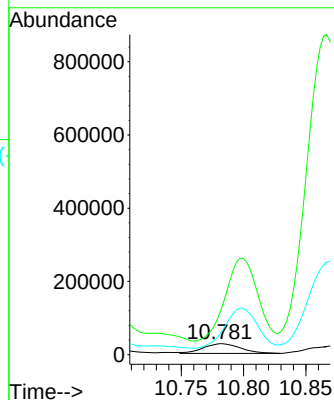
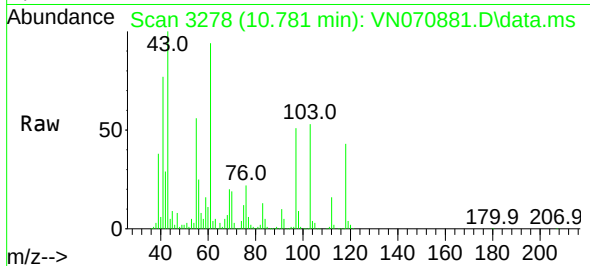




#56
Ethyl methacrylate
Concen: 4.033 ug/l
RT: 10.781 min Scan# 31
Delta R.T. 0.021 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

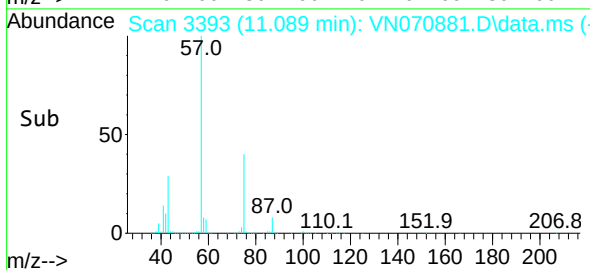
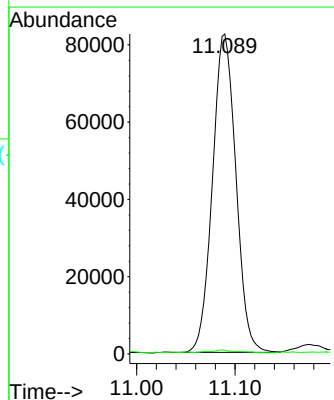
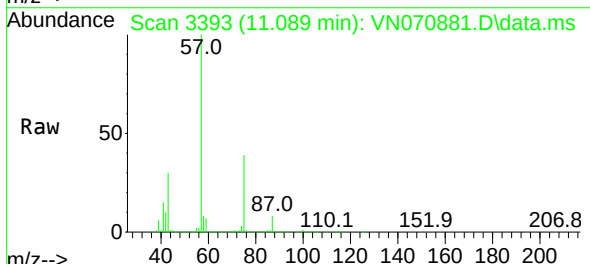
Instrument :
MSVOA_N
ClientSampleId :
31535

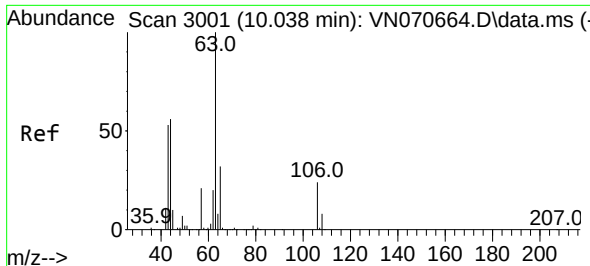
Tgt Ion: 69 Resp: 54907
Ion Ratio Lower Upper
69 100
41 761.2 51.4 77.0#
39 0.0 34.6 52.0#



#57
1,3-Dichloropropane
Concen: 4.844 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.045 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

Tgt Ion: 76 Resp: 136415
Ion Ratio Lower Upper
76 100
78 0.8 25.7 38.5#

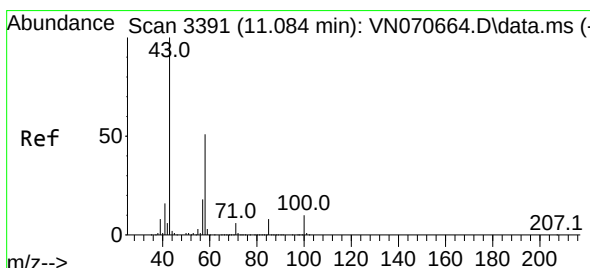
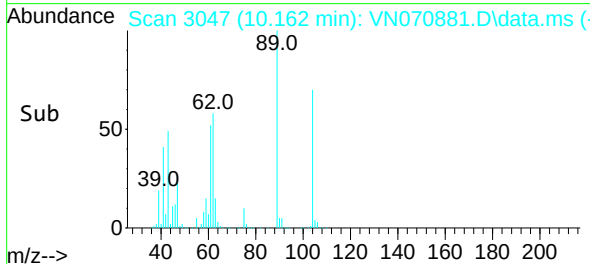
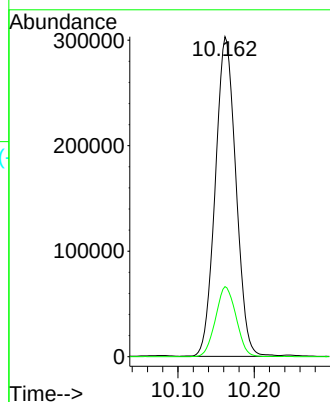
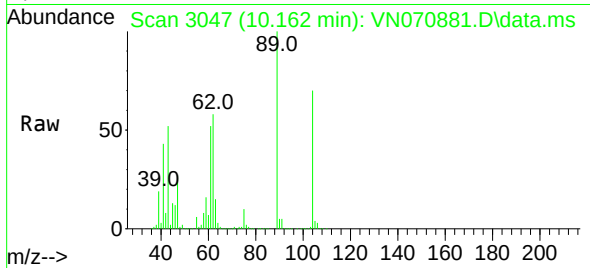




#58
2-Chloroethyl Vinyl ether
Concen: 89.017 ug/l
RT: 10.162 min Scan# 3001
Delta R.T. 0.124 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

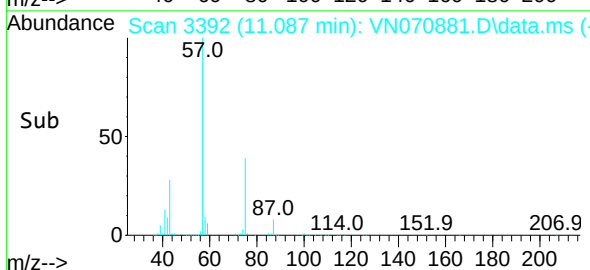
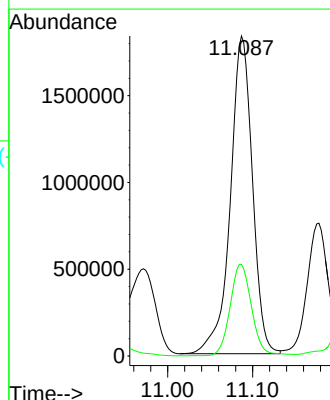
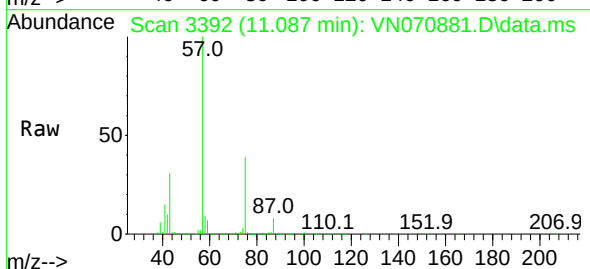
Instrument :
MSVOA_N
ClientSampleId :
31535

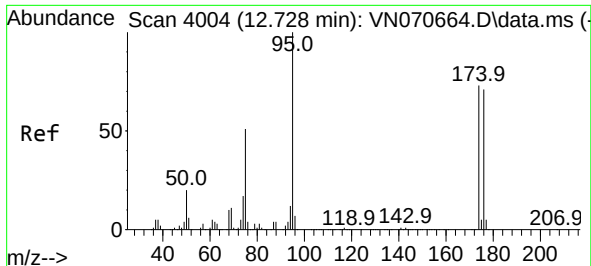
Tgt Ion: 63 Resp: 568522
Ion Ratio Lower Upper
63 100
106 21.8 23.9 35.9#



#59
2-Hexanone
Concen: 161.202 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.003 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

Tgt Ion: 43 Resp: 3310575
Ion Ratio Lower Upper
43 100
58 28.1 26.9 80.7

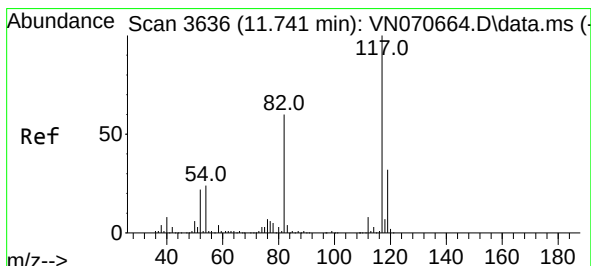
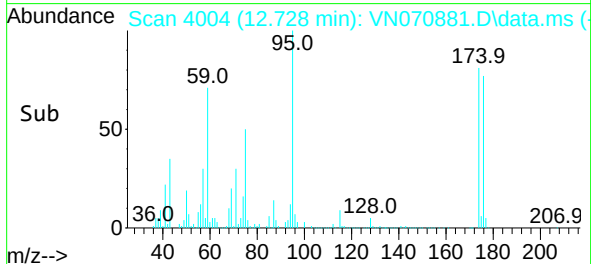
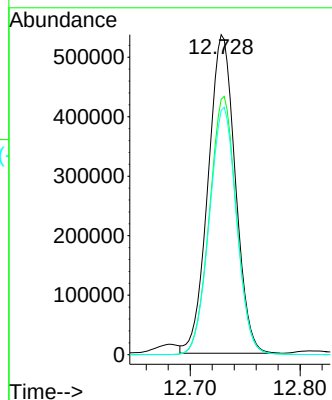
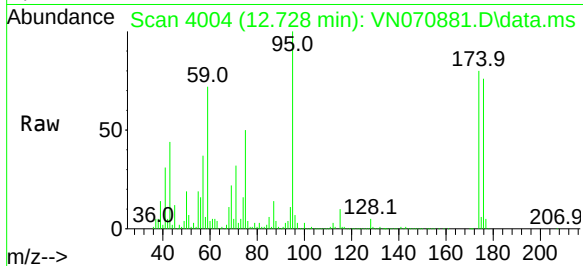




#62
4-Bromofluorobenzene
Concen: 47.247 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

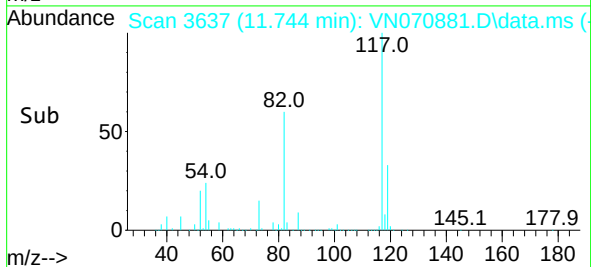
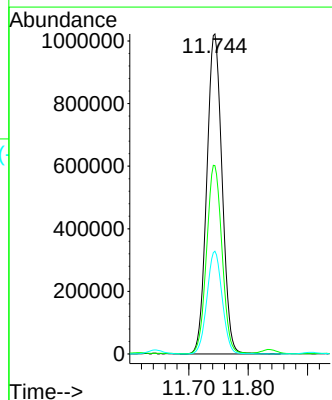
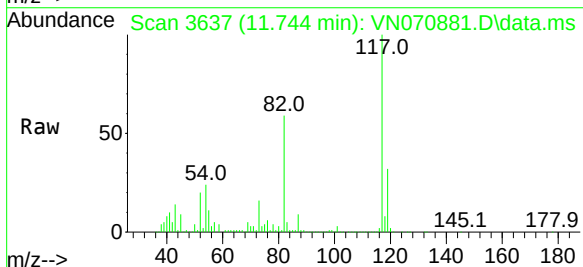
Instrument :
MSVOA_N
ClientSampleId :
31535

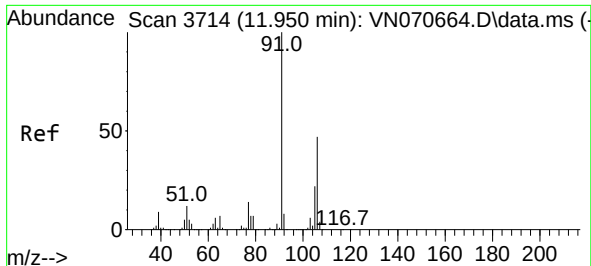
Tgt Ion: 95 Resp: 920472
Ion Ratio Lower Upper
95 100
174 80.3 0.0 187.2
176 77.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

Tgt Ion: 117 Resp: 1824759
Ion Ratio Lower Upper
117 100
82 58.8 42.4 63.6
119 32.1 25.4 38.2

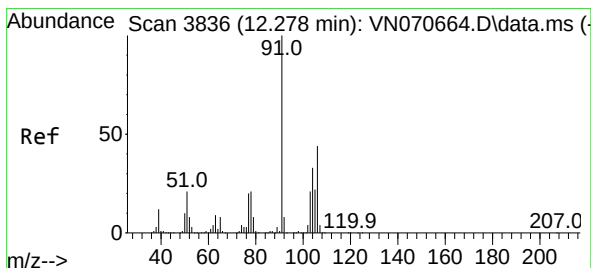
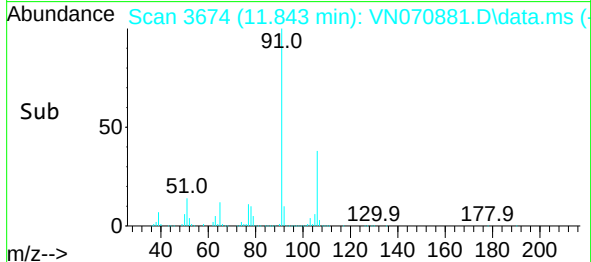
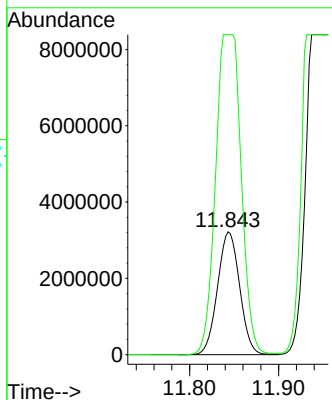
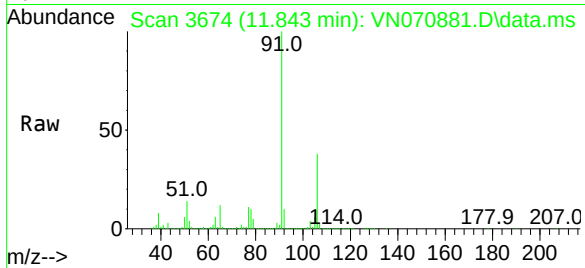




#68
m/p-Xylenes
Concen: 208.351 ug/l
RT: 11.843 min Scan# 31
Delta R.T. -0.107 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

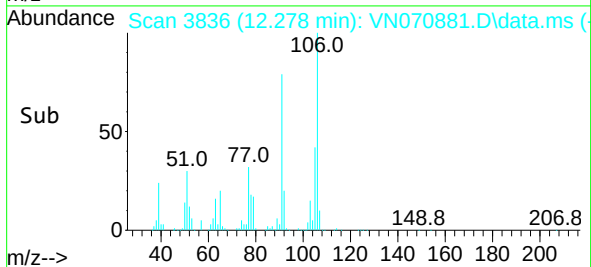
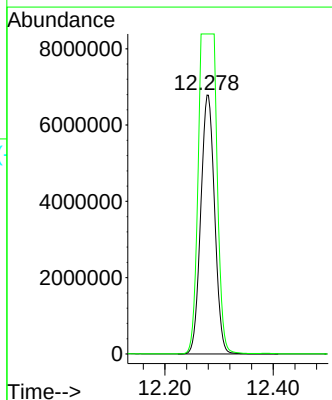
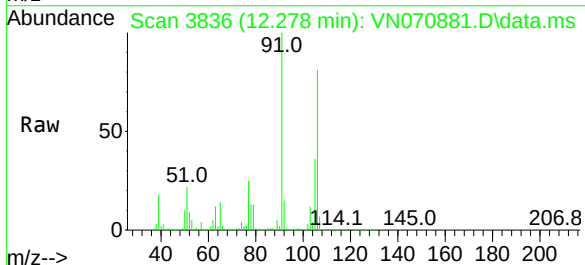
Instrument :
MSVOA_N
ClientSampleId :
31535

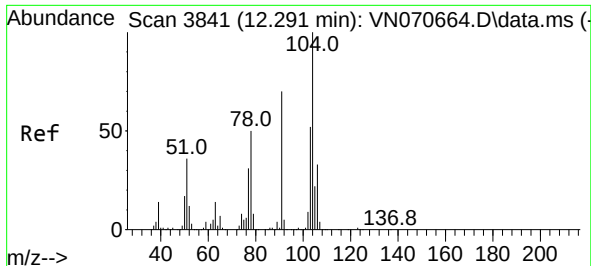
Tgt Ion:106 Resp: 5555778
Ion Ratio Lower Upper
106 100
91 0.0 160.6 240.8#



#69
o-Xylene
Concen: 454.271 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

Tgt Ion:106 Resp:12021153
Ion Ratio Lower Upper
106 100
91 0.0 105.8 317.3#

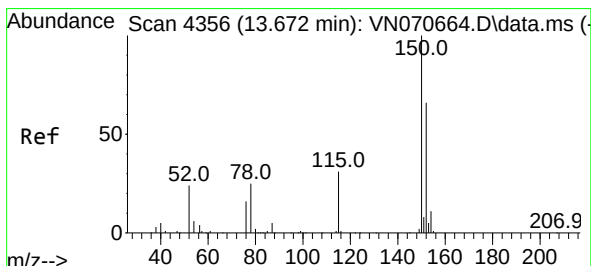
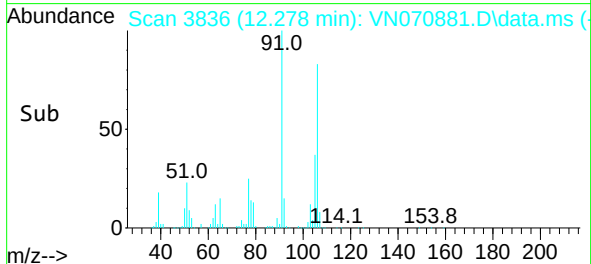
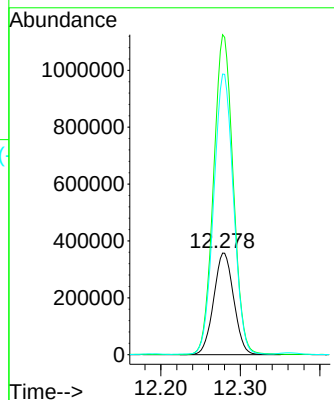
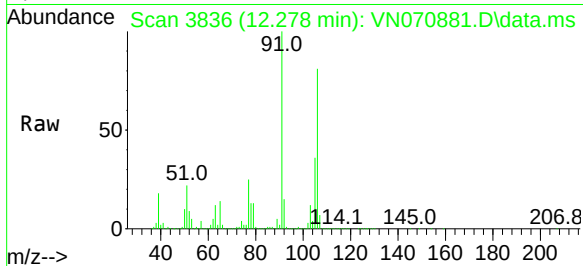




#70
Styrene
Concen: 14.757 ug/l
RT: 12.278 min Scan# 31535
Delta R.T. -0.013 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

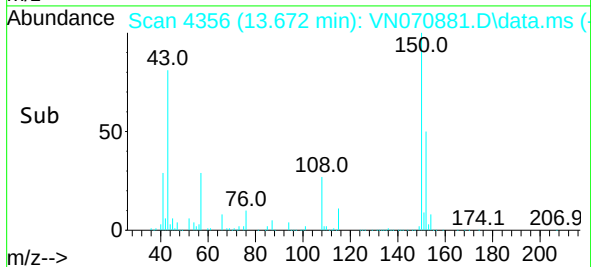
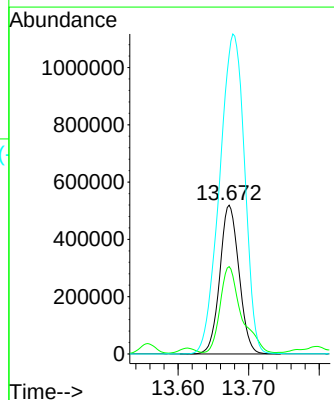
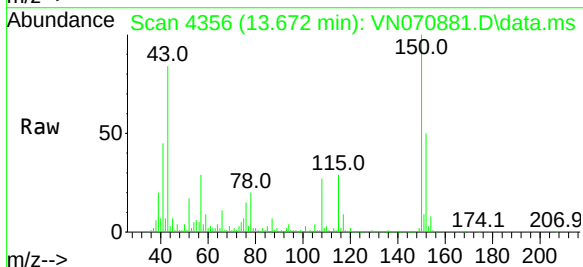
Instrument :
MSVOA_N
ClientSampleId :
31535

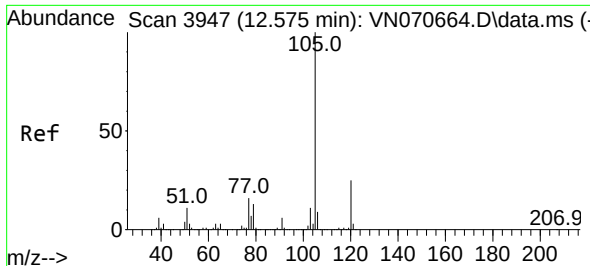
Tgt Ion:104 Resp: 624716
Ion Ratio Lower Upper
104 100
78 308.4 38.7 58.1#
103 273.1 45.0 67.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

Tgt Ion:152 Resp: 981028
Ion Ratio Lower Upper
152 100
115 63.1 27.5 82.5
150 280.6 0.0 344.4

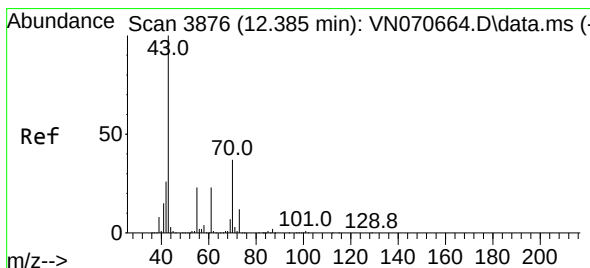
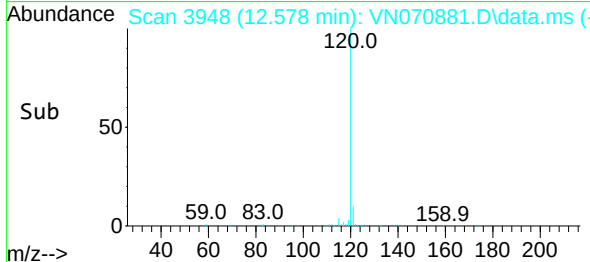
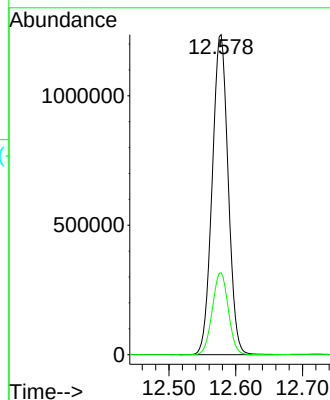
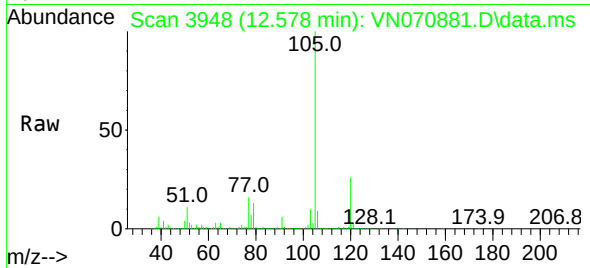




#73
Isopropylbenzene
Concen: 22.093 ug/l
RT: 12.578 min Scan# 3947
Delta R.T. 0.003 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

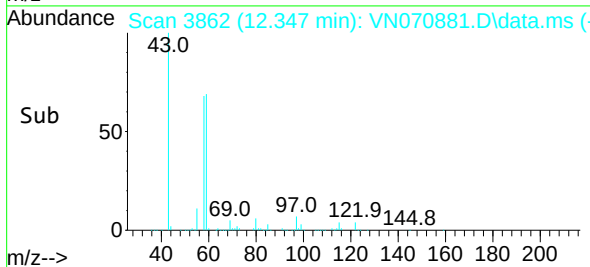
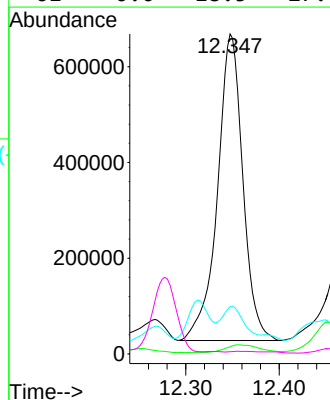
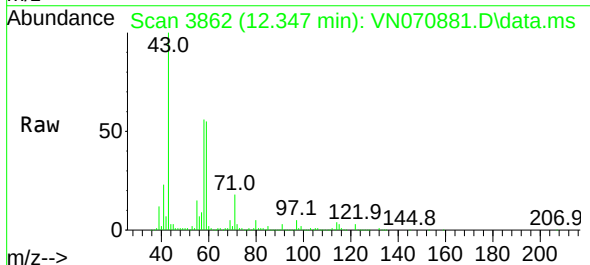
Instrument :
MSVOA_N
ClientSampleId :
31535

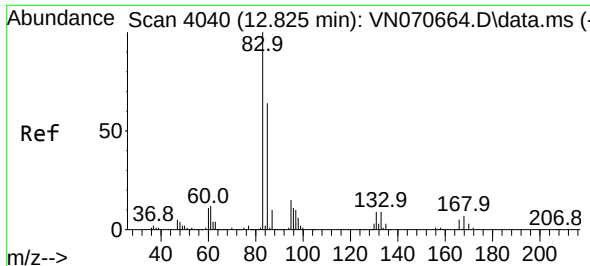
Tgt Ion:105 Resp: 2050426
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1



#74
N-ethyl acetate
Concen: 31.873 ug/l
RT: 12.347 min Scan# 3862
Delta R.T. -0.038 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

Tgt Ion: 43 Resp: 1209481
Ion Ratio Lower Upper
43 100
70 3.2 33.4 50.0#
55 7.5 19.3 28.9#
61 0.0 18.5 27.7#

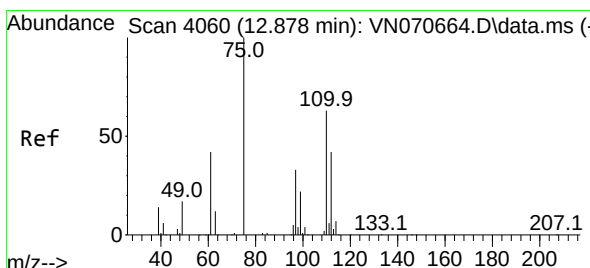
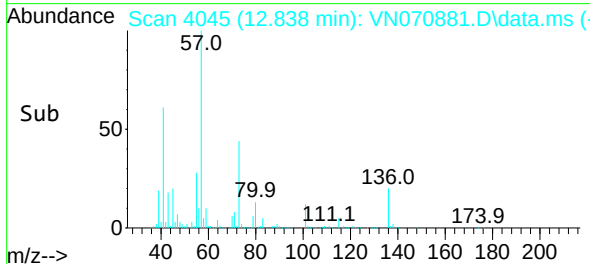
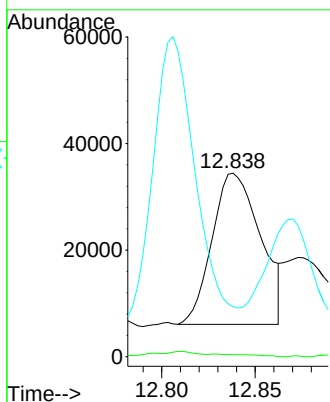
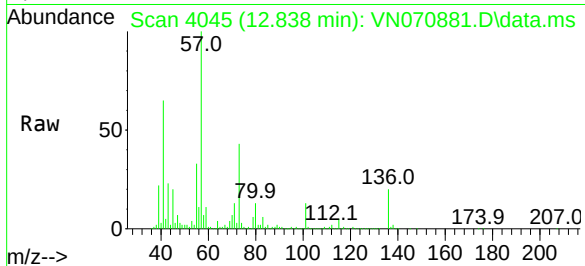




#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.633 ug/l
 RT: 12.838 min Scan# 4045
 Delta R.T. 0.013 min
 Lab File: VN070881.D
 Acq: 1 Feb 2022 19:27

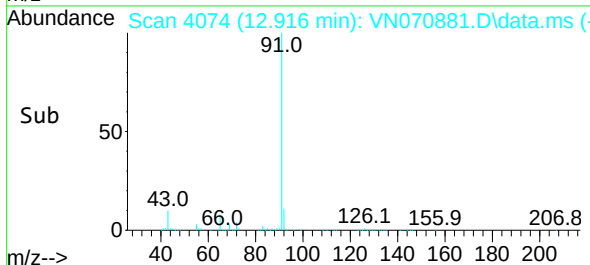
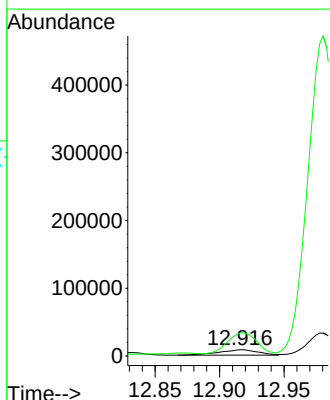
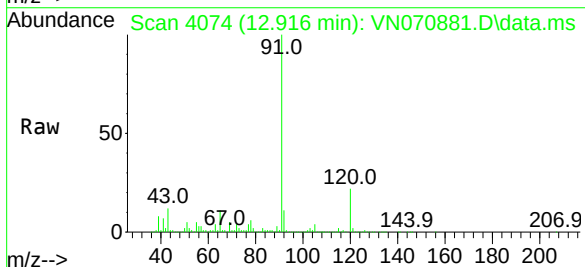
Instrument :
 MSVOA_N
 ClientSampleId :
 31535

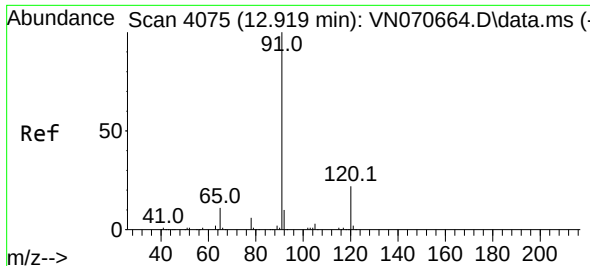
Tgt Ion: 83 Resp: 51198
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.5 16.5#
 85 0.0 32.4 97.2#



#76
 1,2,3-Trichloropropane
 Concen: 0.665 ug/l
 RT: 12.916 min Scan# 4074
 Delta R.T. 0.038 min
 Lab File: VN070881.D
 Acq: 1 Feb 2022 19:27

Tgt Ion: 75 Resp: 17307
 Ion Ratio Lower Upper
 75 100
 77 274.8 82.6 247.8#

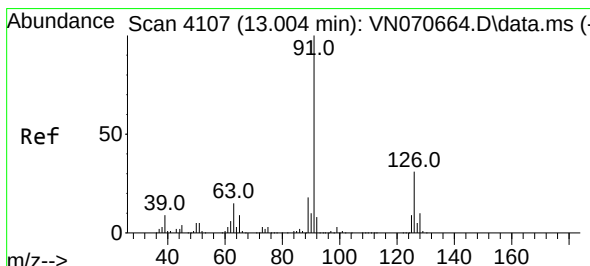
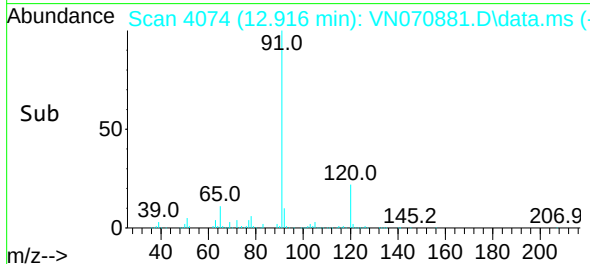
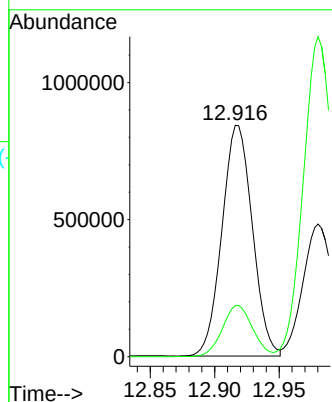
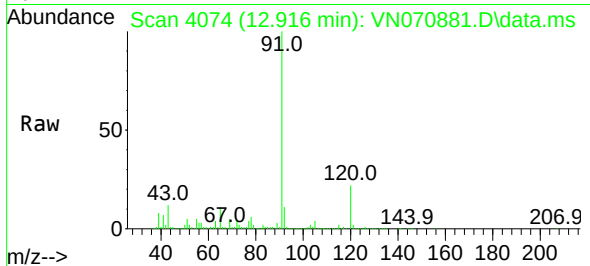




#78
n-propylbenzene
Concen: 13.329 ug/l
RT: 12.916 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

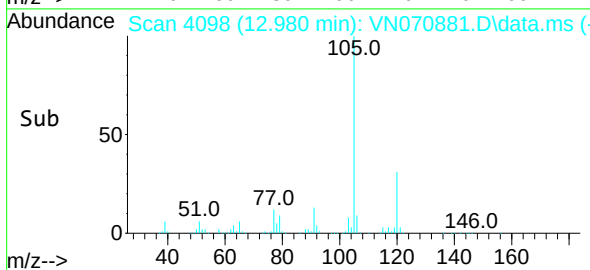
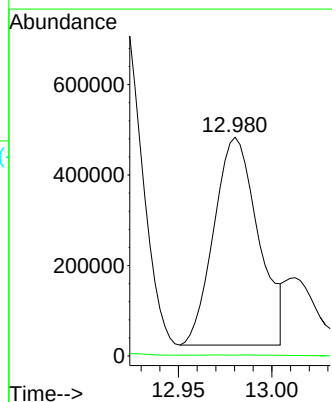
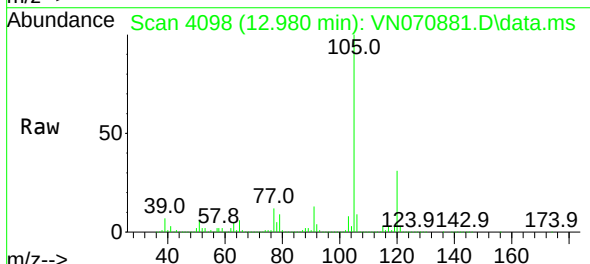
Instrument :
MSVOA_N
ClientSampleId :
31535

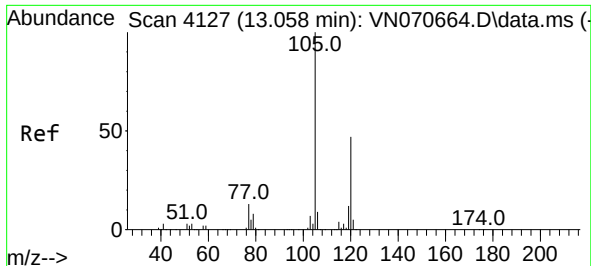
Tgt Ion: 91 Resp: 1383476
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.9



#79
2-Chlorotoluene
Concen: 11.607 ug/l
RT: 12.980 min Scan# 4098
Delta R.T. -0.024 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

Tgt Ion: 91 Resp: 762083
Ion Ratio Lower Upper
91 100
126 0.0 18.3 54.8#

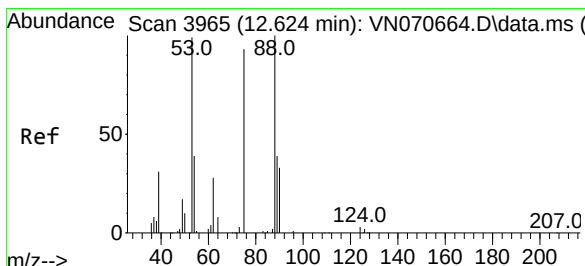
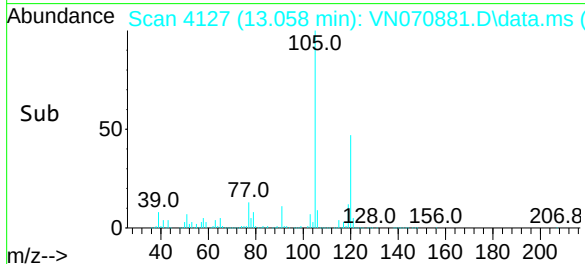
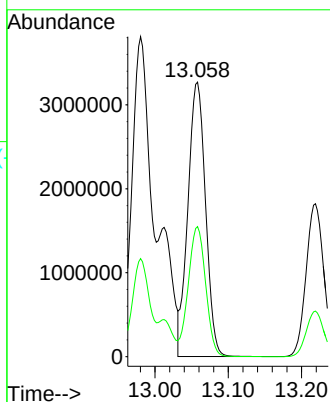
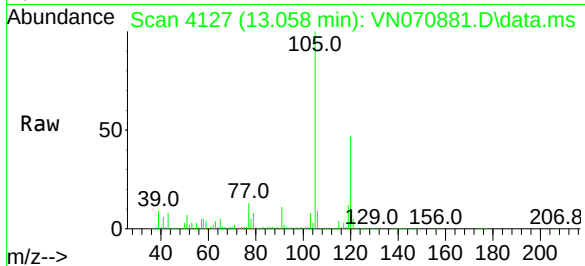




#80
1,3,5-Trimethylbenzene
Concen: 72.690 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

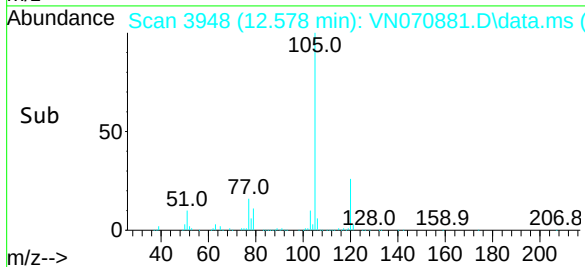
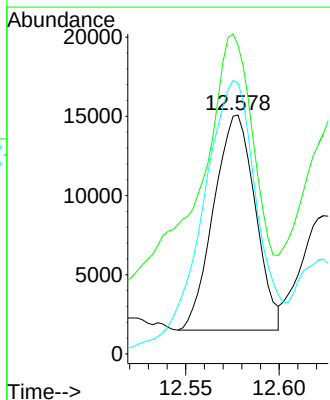
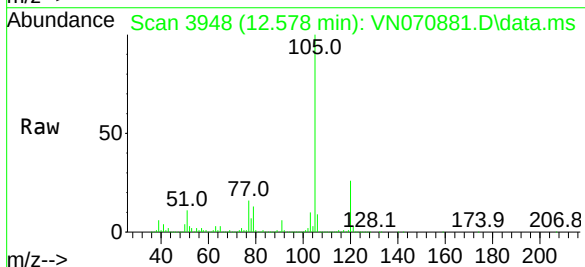
Instrument :
MSVOA_N
ClientSampleId :
31535

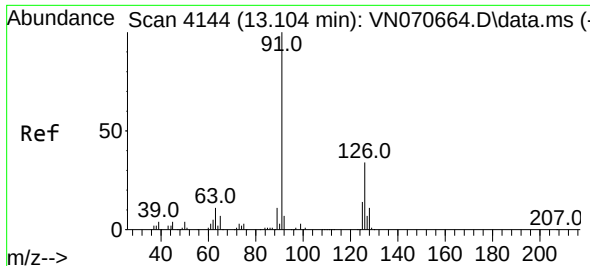
Tgt Ion:105 Resp: 5455670
Ion Ratio Lower Upper
105 100
120 47.0 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 2.409 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.046 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

Tgt Ion: 75 Resp: 21038
Ion Ratio Lower Upper
75 100
53 142.9 90.5 135.7#
89 167.4 38.2 57.4#

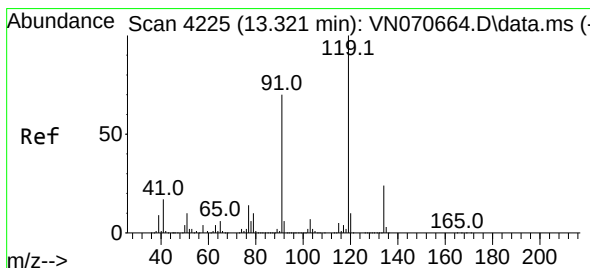
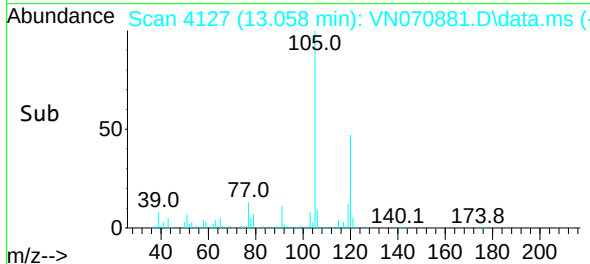
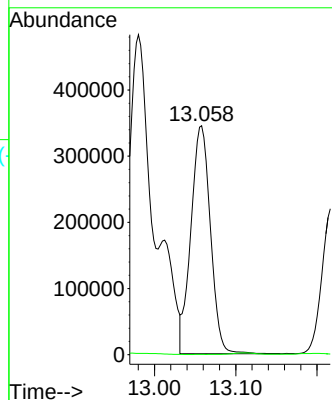
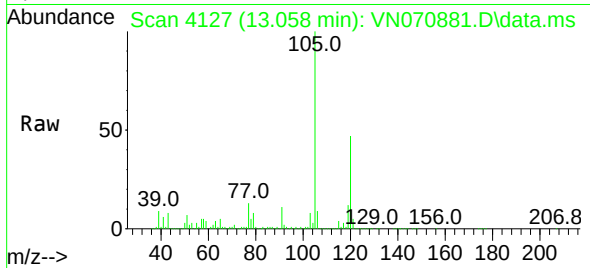




#82
4-Chlorotoluene
Concen: 9.344 ug/l
RT: 13.058 min Scan# 4144
Delta R.T. -0.046 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

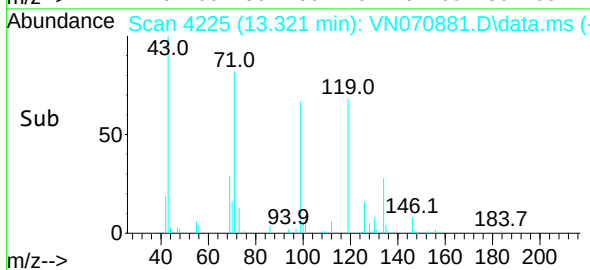
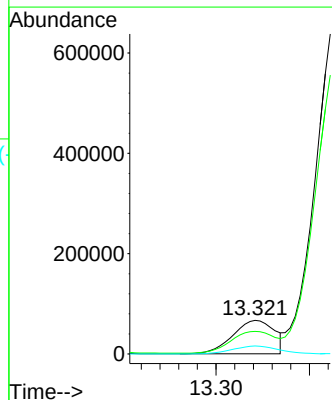
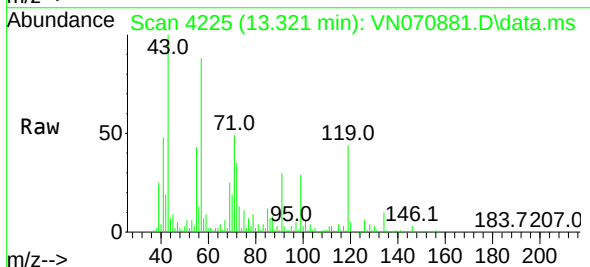
Instrument :
MSVOA_N
ClientSampleId :
31535

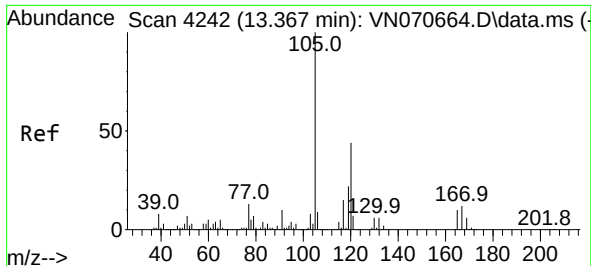
Tgt Ion: 91 Resp: 573223
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



#83
tert-Butylbenzene
Concen: 1.583 ug/l
RT: 13.321 min Scan# 4225
Delta R.T. -0.000 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

Tgt Ion: 119 Resp: 103391
Ion Ratio Lower Upper
119 100
91 68.5 31.5 94.5
134 26.9 12.4 37.4

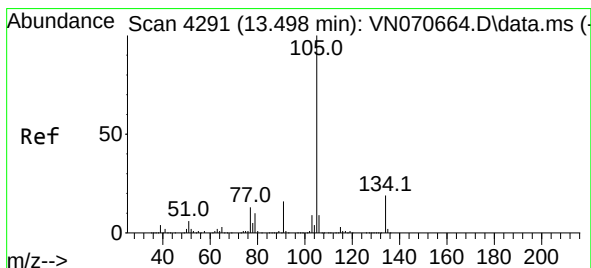
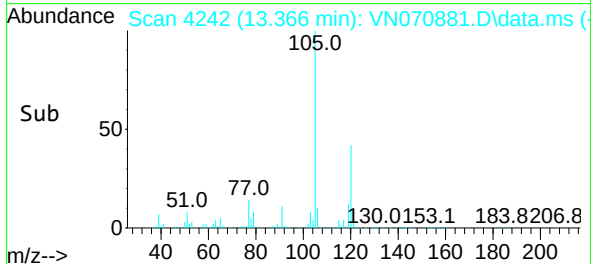
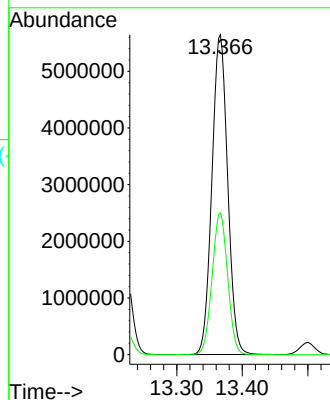
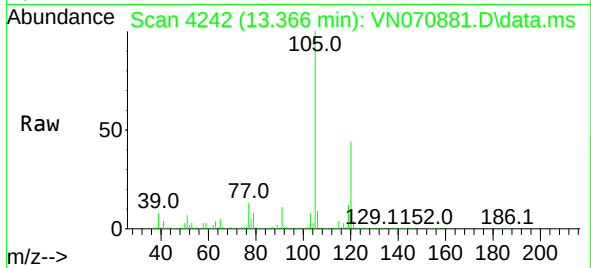




#84
1,2,4-Trimethylbenzene
Concen: 130.457 ug/l
RT: 13.366 min Scan# 41
Delta R.T. -0.001 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

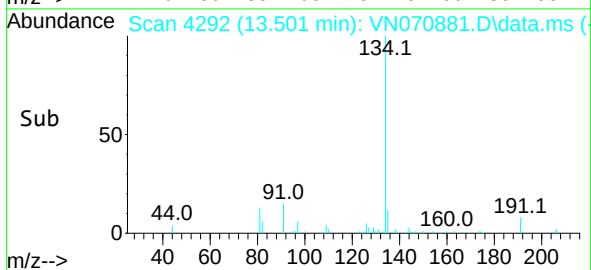
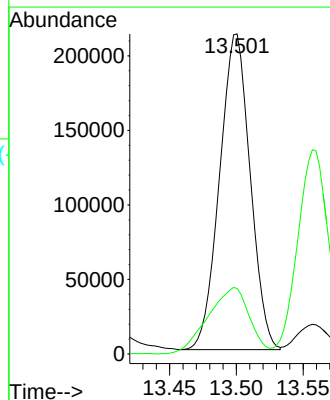
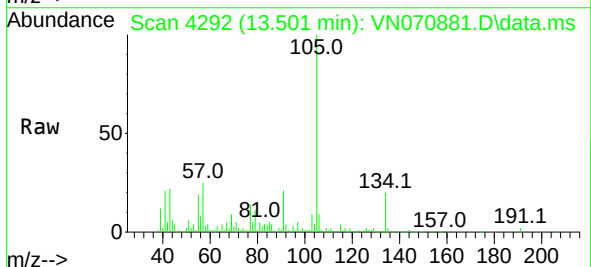
Instrument :
MSVOA_N
ClientSampleId :
31535

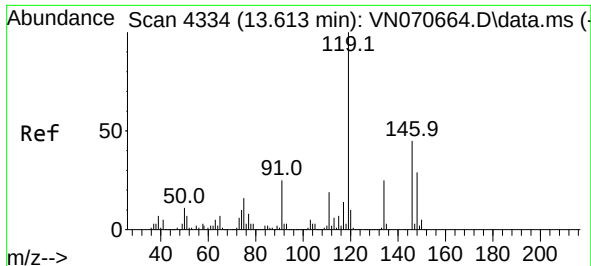
Tgt Ion:105 Resp: 9411634
Ion Ratio Lower Upper
105 100
120 43.8 22.8 68.4



#85
sec-Butylbenzene
Concen: 3.806 ug/l
RT: 13.501 min Scan# 4292
Delta R.T. 0.003 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

Tgt Ion:105 Resp: 338030
Ion Ratio Lower Upper
105 100
134 28.4 10.4 31.1

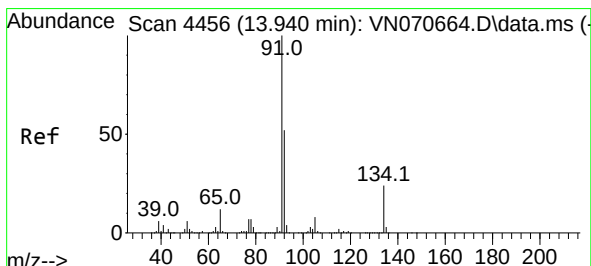
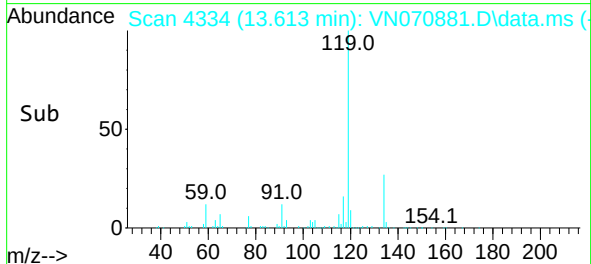
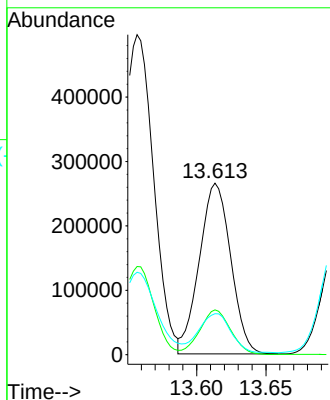
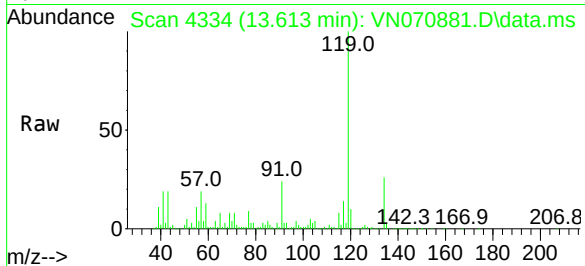




#86
p-Isopropyltoluene
Concen: 6.004 ug/l
RT: 13.613 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

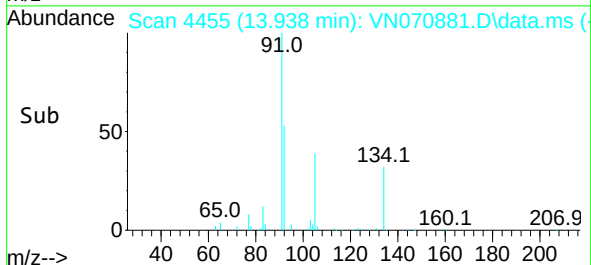
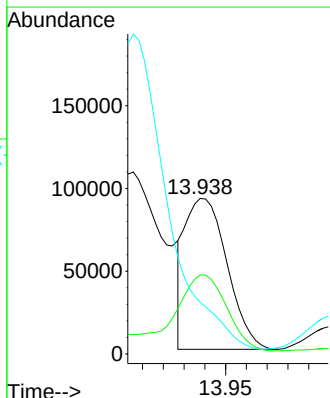
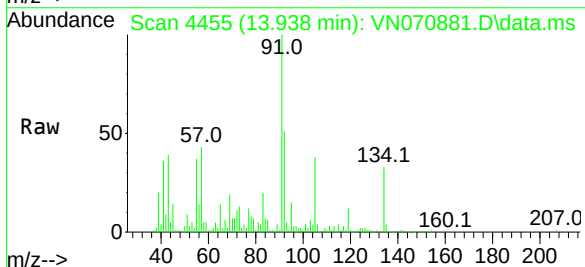
Instrument :
MSVOA_N
ClientSampleId :
31535

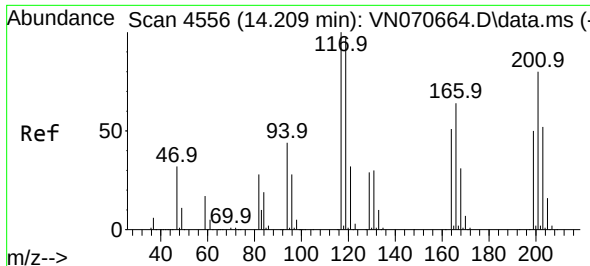
Tgt Ion:119 Resp: 418932
Ion Ratio Lower Upper
119 100
134 25.6 13.6 40.7
91 23.5 11.4 34.1



#89
n-Butylbenzene
Concen: 2.222 ug/l
RT: 13.938 min Scan# 4455
Delta R.T. -0.002 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

Tgt Ion: 91 Resp: 127878
Ion Ratio Lower Upper
91 100
92 69.4 25.4 76.0
134 0.0 13.6 40.8#

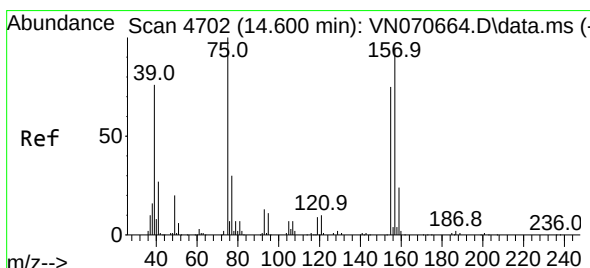
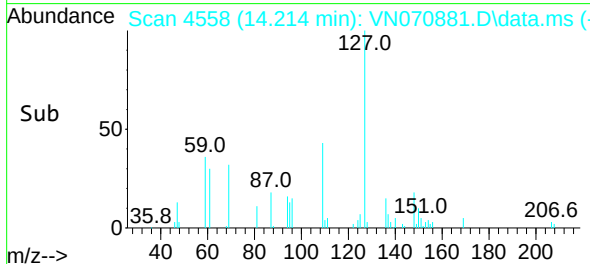
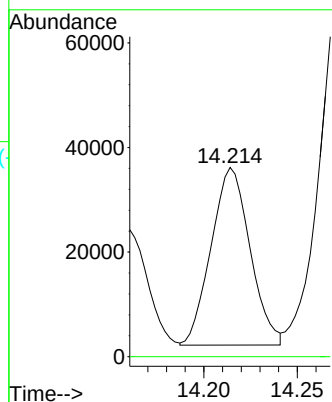
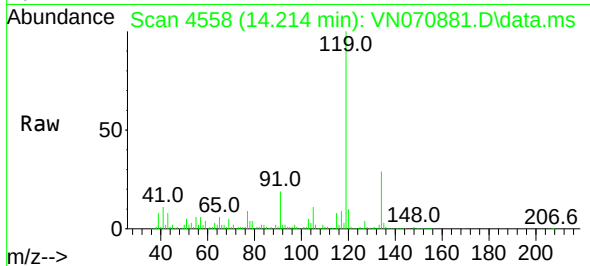




#90
Hexachloroethane
Concen: 4.034 ug/l
RT: 14.214 min Scan# 411
Delta R.T. 0.005 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

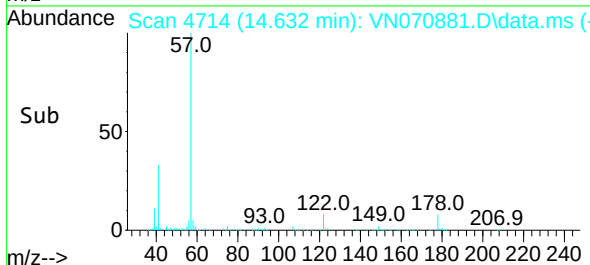
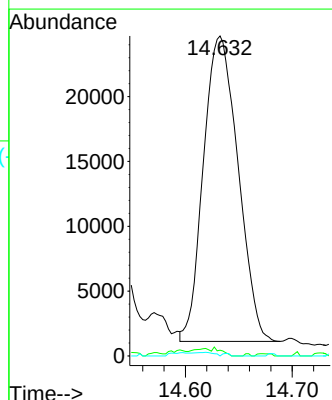
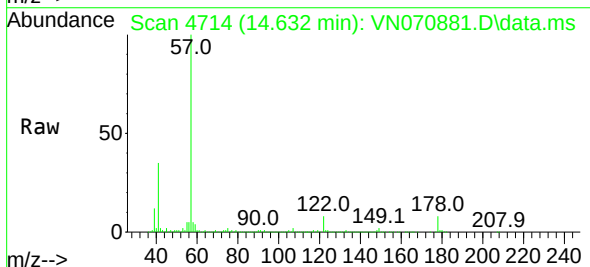
Instrument :
MSVOA_N
ClientSampleId :
31535

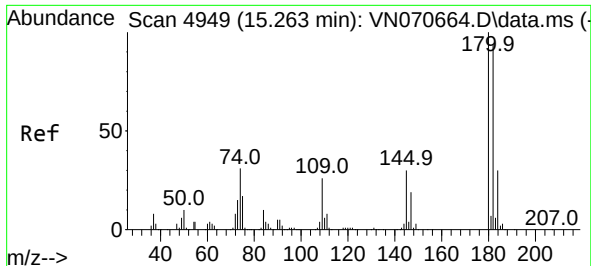
Tgt Ion:117 Resp: 49195
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.987 ug/l
RT: 14.632 min Scan# 4714
Delta R.T. 0.032 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

Tgt Ion: 75 Resp: 53098
Ion Ratio Lower Upper
75 100
155 0.4 46.9 140.7#
157 0.2 60.6 181.7#

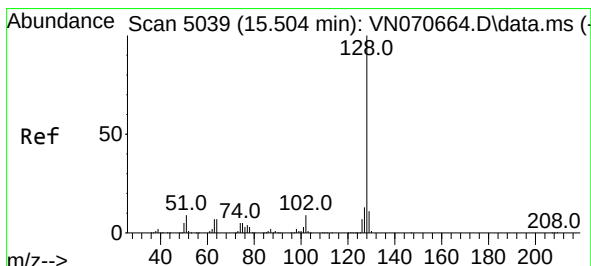
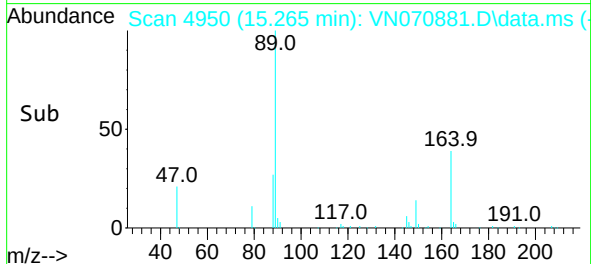
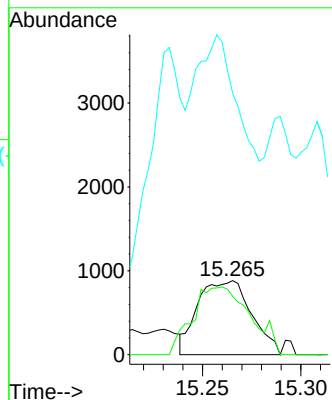
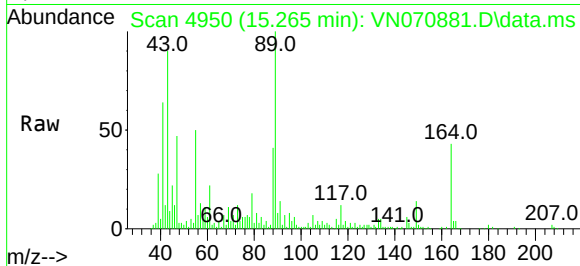




#93
1,2,4-Trichlorobenzene
Concen: 3.511 ug/l
RT: 15.265 min Scan# 4949
Delta R.T. 0.002 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

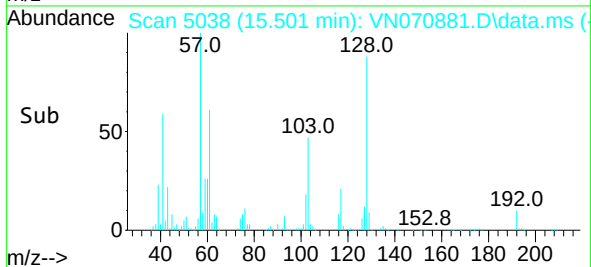
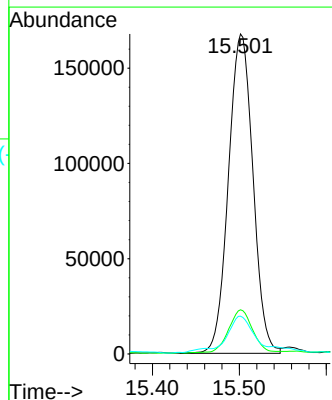
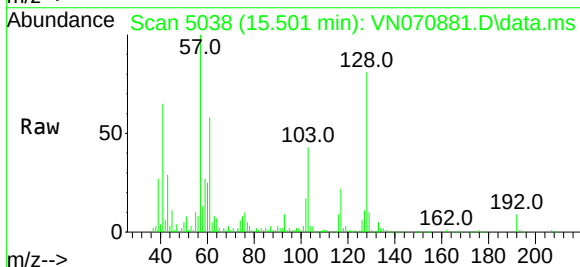
Instrument :
MSVOA_N
ClientSampleId :
31535

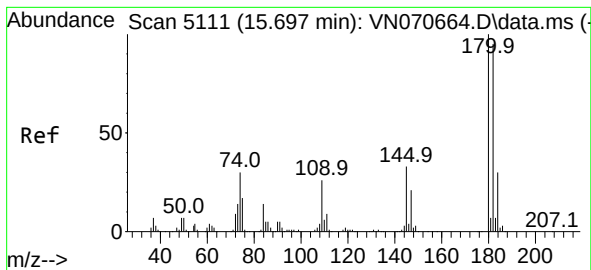
Tgt Ion:180 Resp: 1668
Ion Ratio Lower Upper
180 100
182 99.2 48.3 144.9
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 10.757 ug/l
RT: 15.501 min Scan# 5038
Delta R.T. -0.003 min
Lab File: VN070881.D
Acq: 1 Feb 2022 19:27

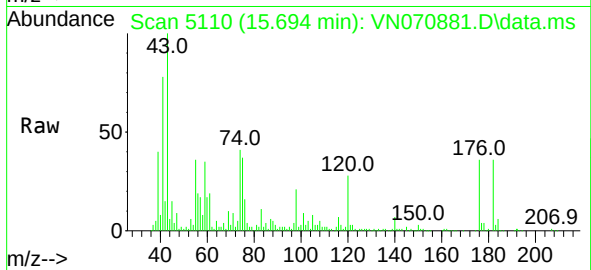
Tgt Ion:128 Resp: 327946
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 12.7 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 3.238 ug/l
 RT: 15.694 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VN070881.D
 Acq: 1 Feb 2022 19:27

Instrument :
 MSVOA_N
 ClientSampleId :
 31535



Tgt Ion:180 Resp: 402
 Ion Ratio Lower Upper
 180 100
 182 23815.7 47.4 142.2#
 145 823.4 15.0 45.1#

