

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
 Data File : VN070915.D
 Acq On : 3 Feb 2022 1:48
 Operator : JC/MD
 Sample : N1342-11DL 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31528DL

Quant Time: Feb 03 06:01:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	926282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1461074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1321185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	648507	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	597857	47.683	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.360%
35) Dibromofluoromethane	8.021	113	425439	48.607	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.220%
50) Toluene-d8	10.440	98	1807017	50.282	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.560%
62) 4-Bromofluorobenzene	12.731	95	688564	53.175	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.340%

Target Compounds					Qvalue	
8) Diethyl Ether	3.827	74	124872	17.779	ug/l	82
11) Tert butyl alcohol	5.380	59	267174	101.409	ug/l	100
13) Acrolein	4.039	56	633	0.218	ug/l #	35
16) Acetone	4.288	43	511346	68.205	ug/l	98
18) Methyl Acetate	4.857	43	100558	5.465	ug/l	94
19) Methyl tert-butyl Ether	5.621	73	347357	9.746	ug/l #	88
22) Diisopropyl ether	6.490	45	110709	2.688	ug/l #	1
25) 2-Butanone	7.340	43	321014	29.664	ug/l	93
29) Tetrahydrofuran	7.697	42	10948	1.557	ug/l #	56
31) Cyclohexane	8.091	56	50334	2.363	ug/l #	60
36) 1,1-Dichloropropene	8.083	75	75264	5.293	ug/l #	49
37) Ethyl Acetate	7.340	43	321014	16.380	ug/l #	68
38) Carbon Tetrachloride	8.083	117	92671	7.137	ug/l #	16
39) Methylcyclohexane	9.459	83	26673	1.526	ug/l	93
40) Benzene	8.461	78	5219735	116.844	ug/l	99
41) Methacrylonitrile	7.662	41	4980	0.506	ug/l #	27
42) 1,2-Dichloroethane	8.458	62	45056	2.963	ug/l	76
43) Isopropyl Acetate	8.558	43	18046	0.548	ug/l #	90
48) Methyl methacrylate	9.531	41	98481	6.933	ug/l #	34
49) 1,4-Dioxane	9.569	88	1116	4.690	ug/l #	27
51) 4-Methyl-2-Pentanone	10.333	43	53361	2.752	ug/l	99
52) Toluene	10.505	92	4422708	159.785	ug/l	96
53) t-1,3-Dichloropropene	10.800	75	5148	0.316	ug/l	92
54) cis-1,3-Dichloropropene	10.164	75	5659	0.319	ug/l #	1
56) Ethyl methacrylate	10.690	69	7108	0.388	ug/l #	19
57) 1,3-Dichloropropane	11.084	76	5279	0.287	ug/l #	43
58) 2-Chloroethyl Vinyl ether	10.164	63	8755	21.277	ug/l #	84
59) 2-Hexanone	11.089	43	122802	8.674	ug/l	63
67) Ethyl Benzene	11.843	91	352464	6.992	ug/l	95
68) m/p-Xylenes	11.950	106	728449	39.002	ug/l	91
69) o-Xylene	12.280	106	267200	14.294	ug/l	88
70) Styrene	12.280	104	14564	0.494	ug/l #	1
73) Isopropylbenzene	12.581	105	38321	0.677	ug/l	98
74) N-amyl acetate	12.353	43	54003	2.131	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.854	83	22465	1.146	ug/l #	25
76) 1,2,3-Trichloropropane	12.728	75	359780	23.049	ug/l #	1

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

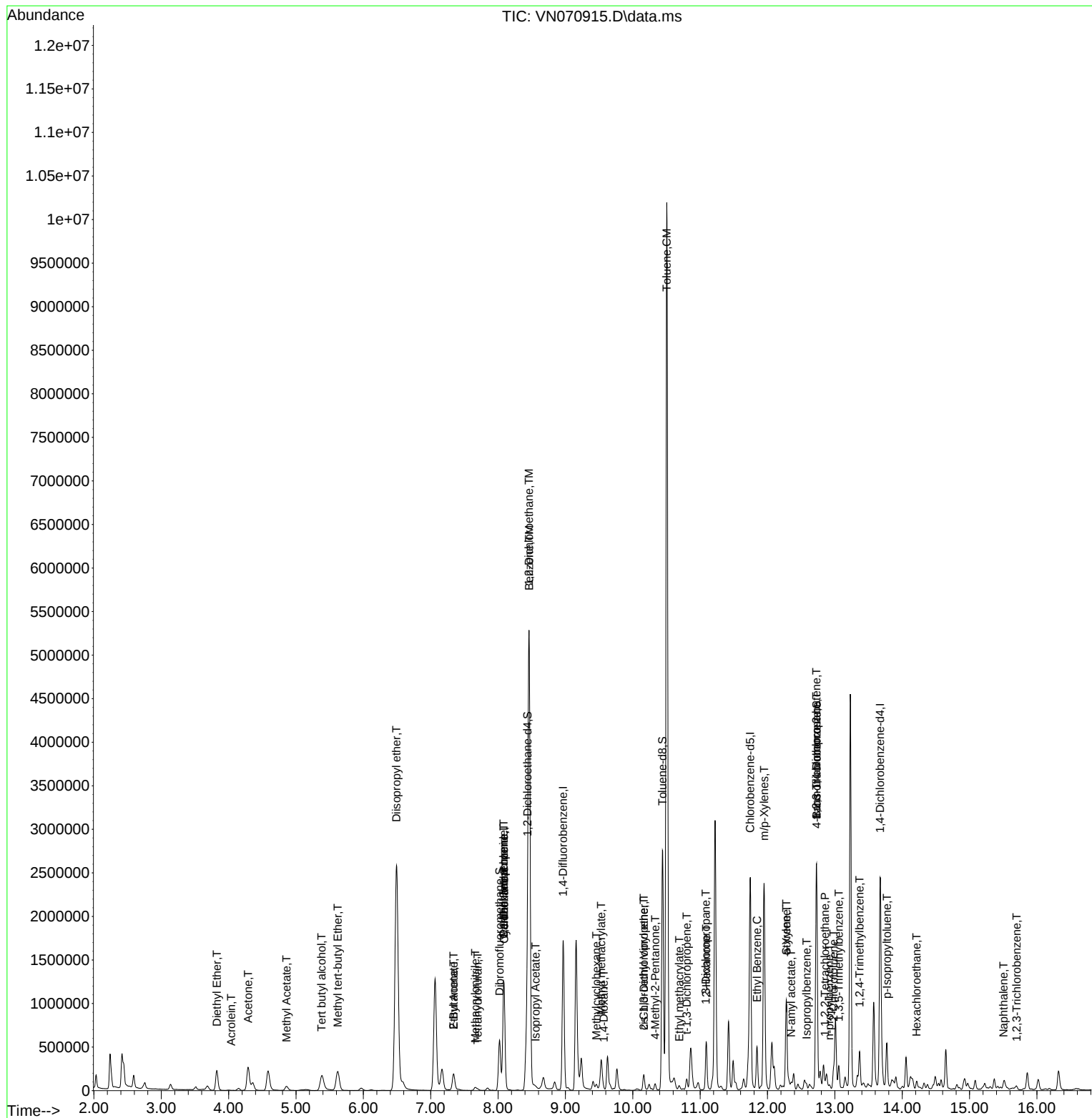
78) n-propylbenzene	12.919	91	29046	0.450	ug/l	96
79) 2-Chlorotoluene	12.983	91	23384	0.583	ug/l #	50
80) 1,3,5-Trimethylbenzene	13.058	105	133888	2.919	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.728	75	359780	62.477	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.366	105	247873	5.526	ug/l	95
86) p-Isopropyltoluene	13.771	119	11984	0.272	ug/l	99
90) Hexachloroethane	14.214	117	4654	0.595	ug/l #	6
95) Naphthalene	15.504	128	41526	4.679	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.700	180	1093	1.793	ug/l #	1

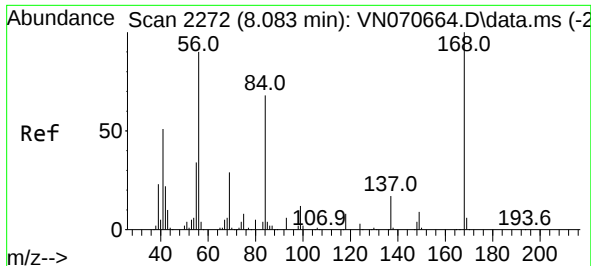
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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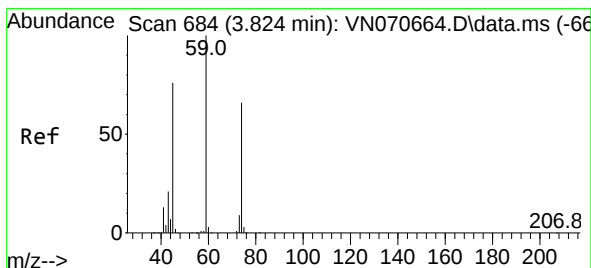
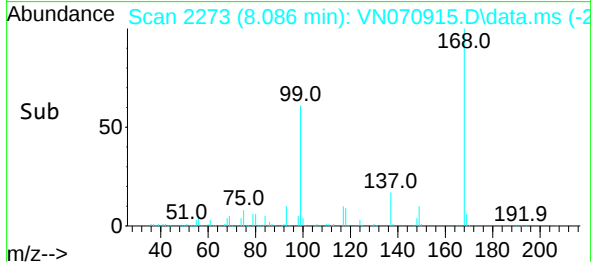
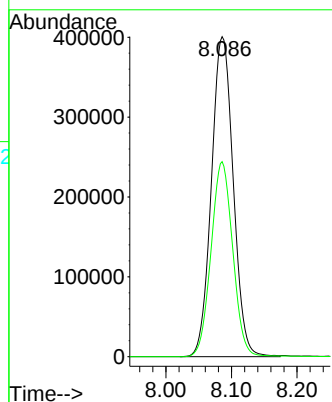
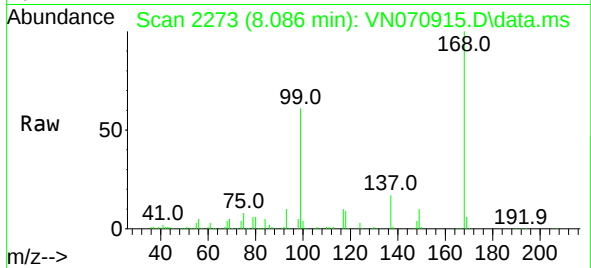




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

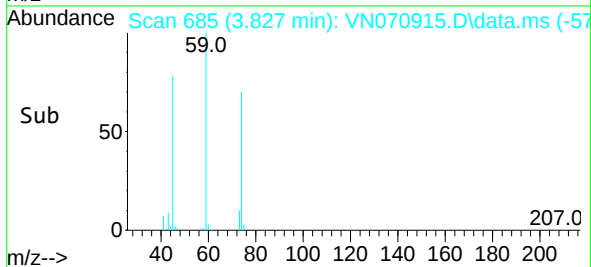
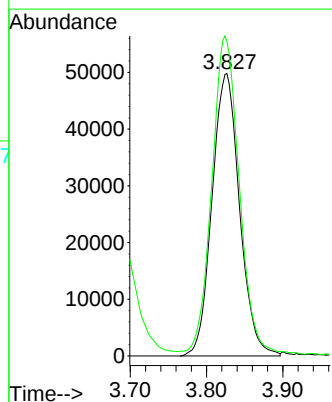
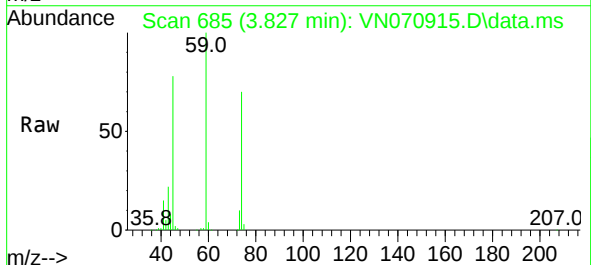
Instrument :
MSVOA_N
ClientSampleId :
31528DL

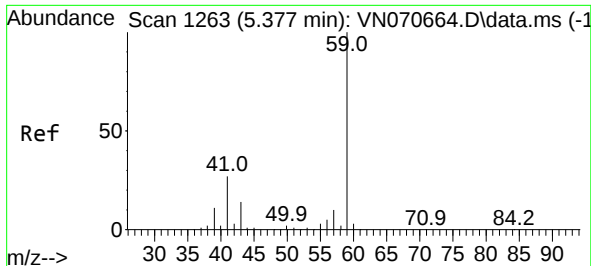
Tgt Ion:168 Resp: 926282
Ion Ratio Lower Upper
168 100
99 60.9 41.3 61.9



#8
Diethyl Ether
Concen: 17.779 ug/l
RT: 3.827 min Scan# 685
Delta R.T. 0.006 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

Tgt Ion: 74 Resp: 124872
Ion Ratio Lower Upper
74 100
45 112.0 47.0 141.2

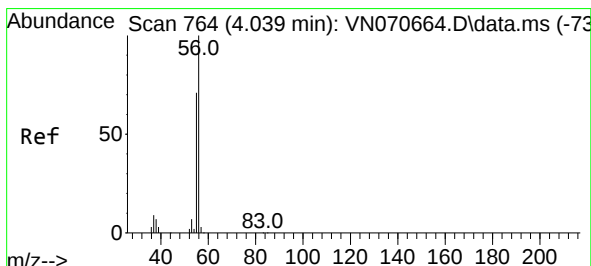
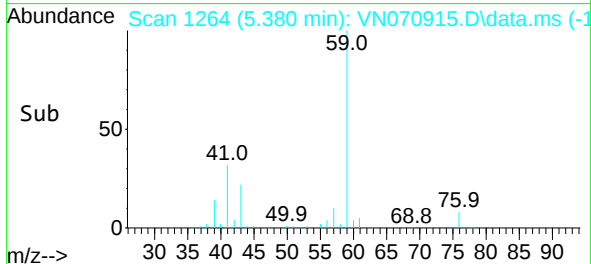
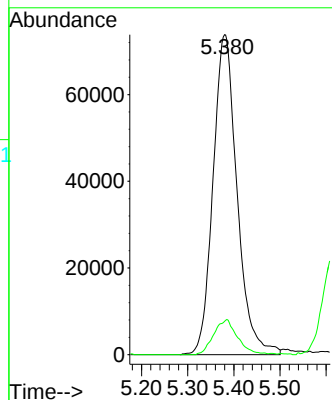
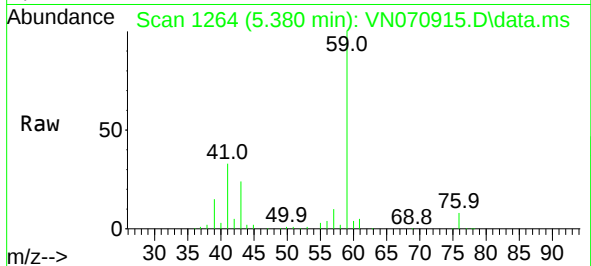




#11
Tert butyl alcohol
Concen: 101.409 ug/l
RT: 5.380 min Scan# 11
Delta R.T. -0.002 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

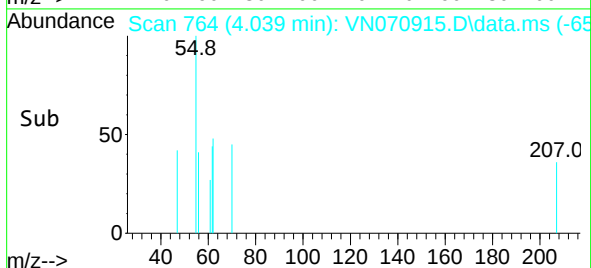
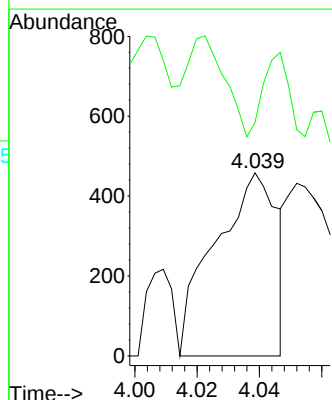
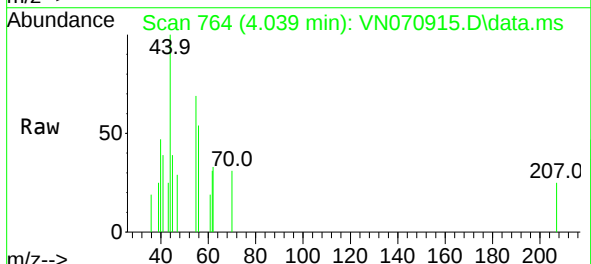
Instrument :
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ClientSampleId :
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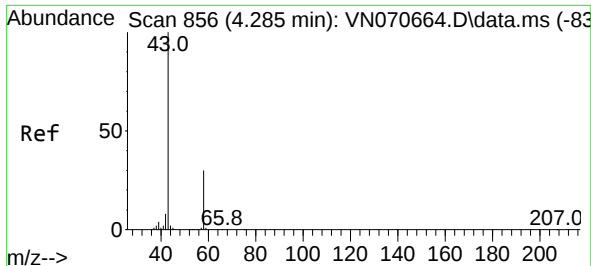
Tgt Ion: 59 Resp: 267174
Ion Ratio Lower Upper
59 100
57 10.8 8.7 13.1



#13
Acrolein
Concen: 0.218 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.000 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

Tgt Ion: 56 Resp: 633
Ion Ratio Lower Upper
56 100
55 17.2 56.6 85.0#

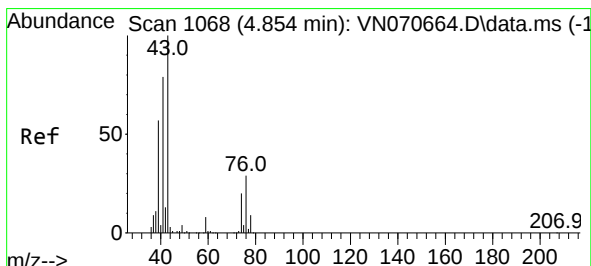
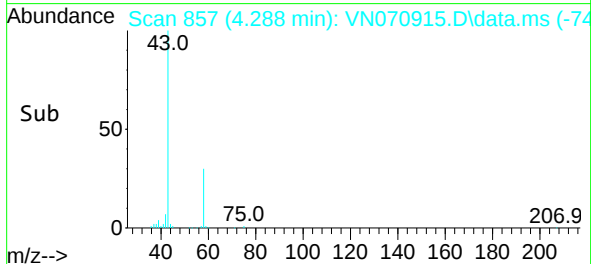
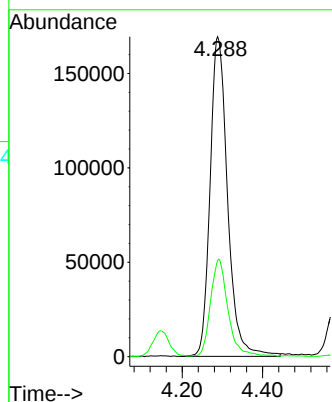
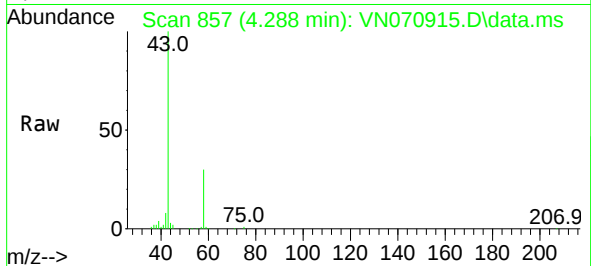




#16
Acetone
Concen: 68.205 ug/l
RT: 4.288 min Scan# 856
Delta R.T. 0.003 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

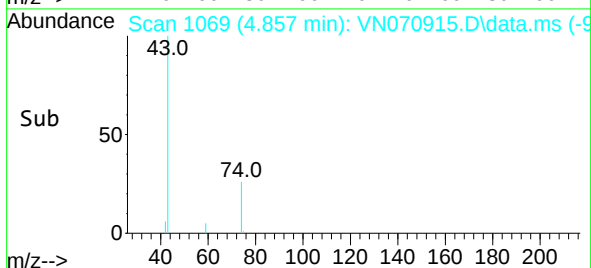
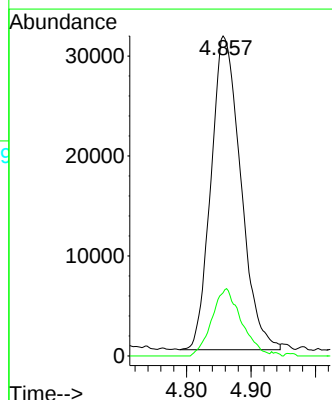
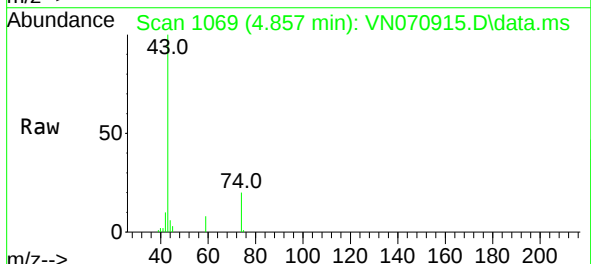
Instrument :
MSVOA_N
ClientSampleId :
31528DL

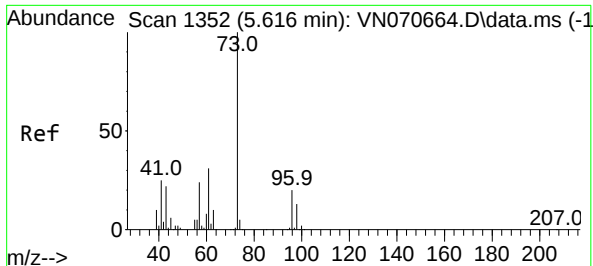
Tgt Ion: 43 Resp: 511346
Ion Ratio Lower Upper
43 100
58 29.9 23.1 34.7



#18
Methyl Acetate
Concen: 5.465 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.003 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

Tgt Ion: 43 Resp: 100558
Ion Ratio Lower Upper
43 100
74 21.3 19.4 29.2

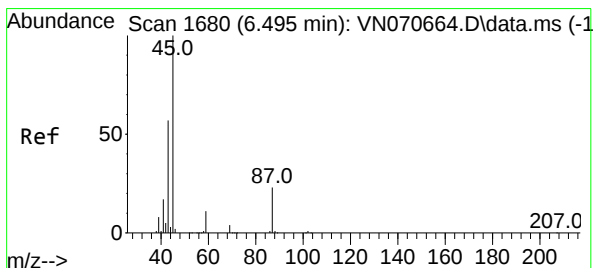
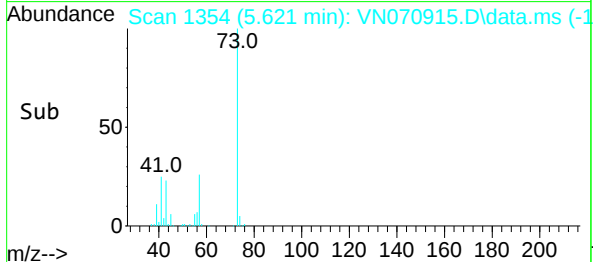
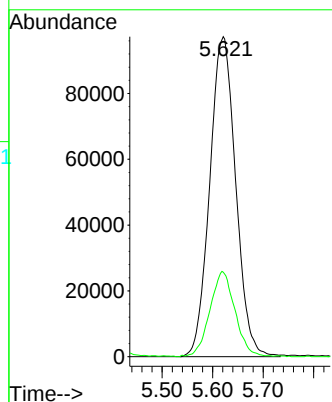
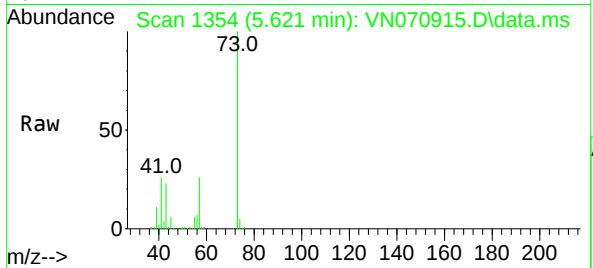




#19
Methyl tert-butyl Ether
Concen: 9.746 ug/l
RT: 5.621 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

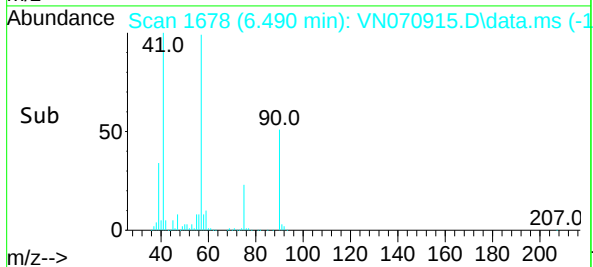
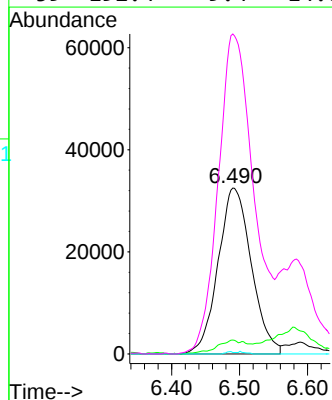
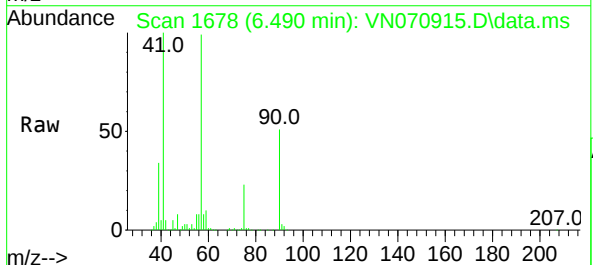
Instrument :
MSVOA_N
ClientSampleId :
31528DL

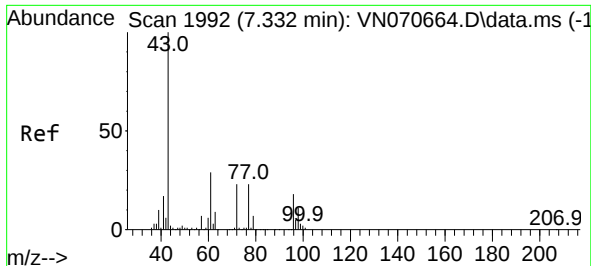
Tgt Ion: 73 Resp: 347357
Ion Ratio Lower Upper
73 100
57 26.4 16.8 25.2#



#22
Diisopropyl ether
Concen: 2.688 ug/l
RT: 6.490 min Scan# 1678
Delta R.T. -0.005 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

Tgt Ion: 45 Resp: 110709
Ion Ratio Lower Upper
45 100
43 8.4 51.7 77.5#
87 0.8 23.2 34.8#
59 192.4 9.4 14.0#





#25

2-Butanone

Concen: 29.664 ug/l

RT: 7.340 min Scan# 1992

Delta R.T. 0.005 min

Lab File: VN070915.D

Acq: 3 Feb 2022 1:48

Instrument :

MSVOA_N

ClientSampleId :

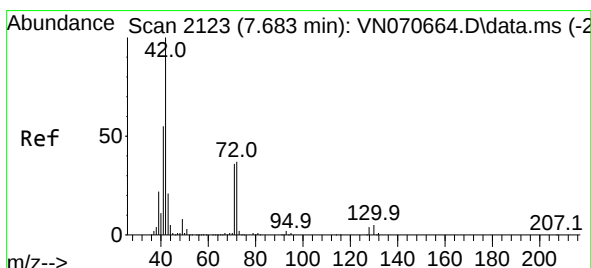
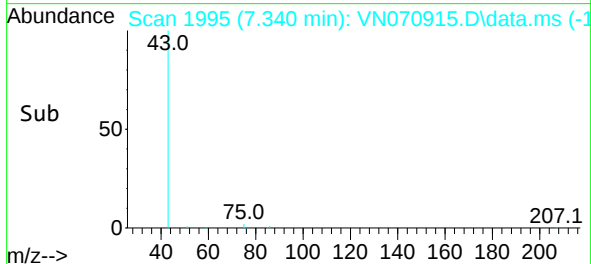
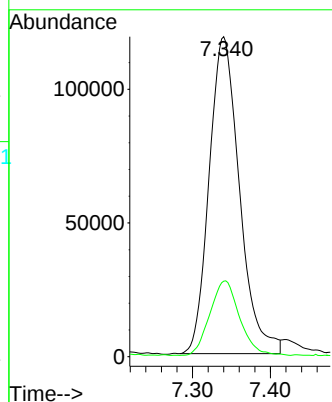
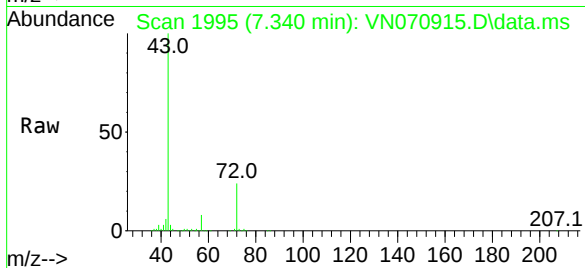
31528DL

Tgt Ion: 43 Resp: 321014

Ion Ratio Lower Upper

43 100

72 23.4 21.7 32.5



#29

Tetrahydrofuran

Concen: 1.557 ug/l

RT: 7.697 min Scan# 2128

Delta R.T. 0.011 min

Lab File: VN070915.D

Acq: 3 Feb 2022 1:48

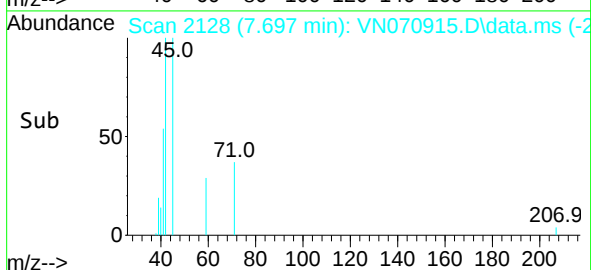
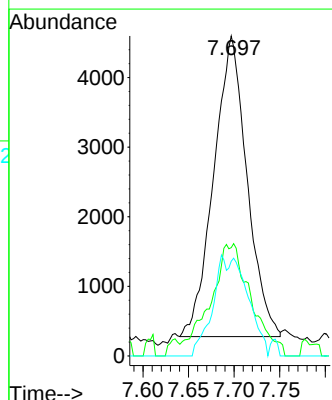
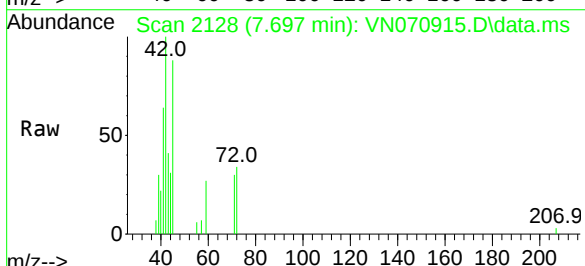
Tgt Ion: 42 Resp: 10948

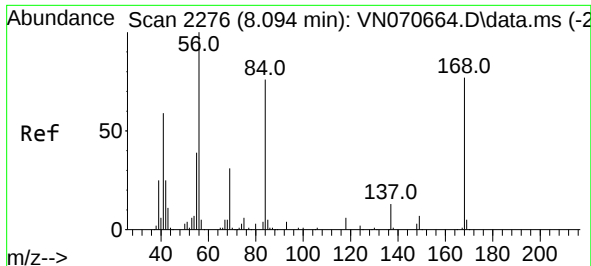
Ion Ratio Lower Upper

42 100

72 17.1 36.3 54.5#

71 14.6 34.7 52.1#

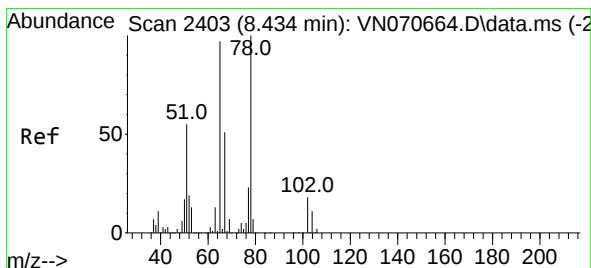
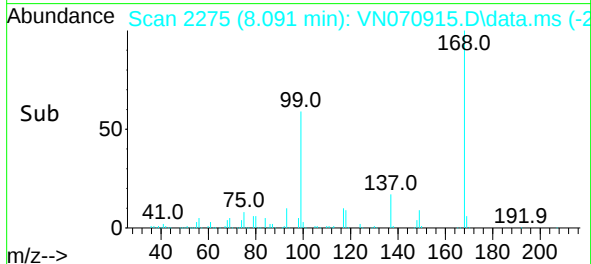
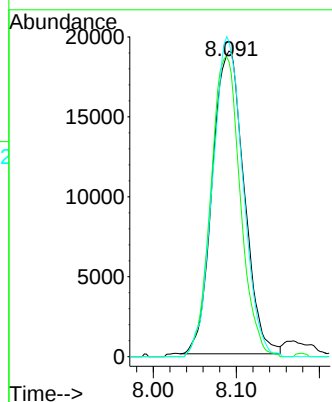
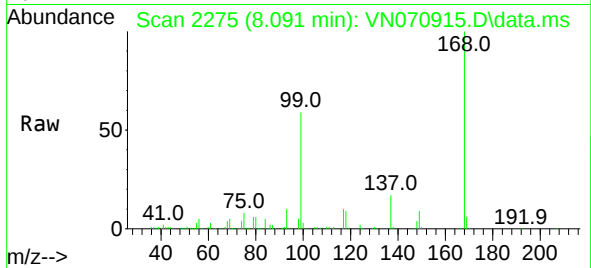




#31
Cyclohexane
Concen: 2.363 ug/l
RT: 8.091 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

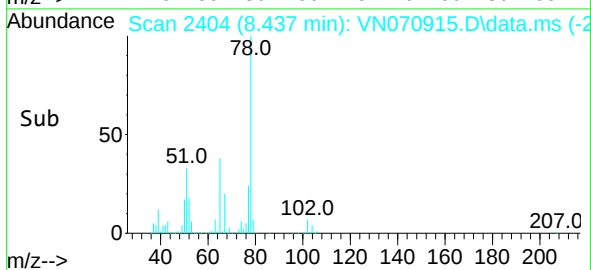
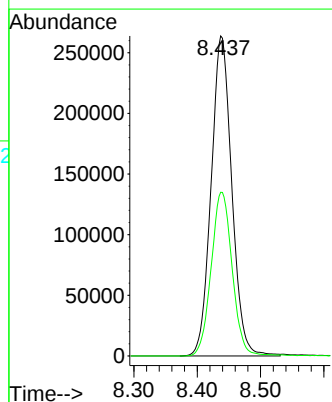
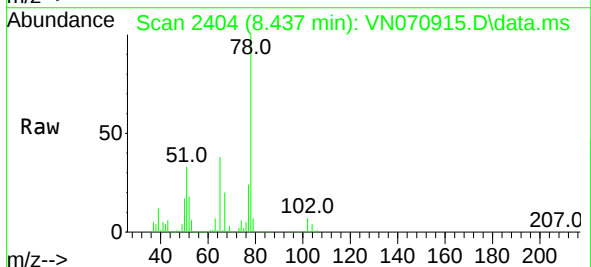
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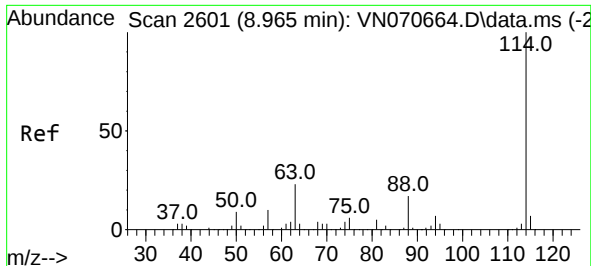
Tgt Ion: 56 Resp: 50334
Ion Ratio Lower Upper
56 100
69 97.4 27.1 40.7#
84 104.1 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 47.683 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

Tgt Ion: 65 Resp: 597857
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2

Delta R.T. -0.000 min

Lab File: VN070915.D

Acq: 3 Feb 2022 1:48

Instrument :

MSVOA_N

ClientSampleId :

31528DL

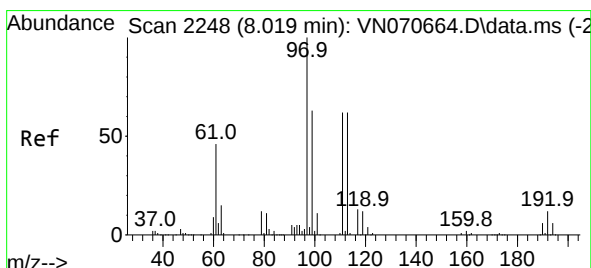
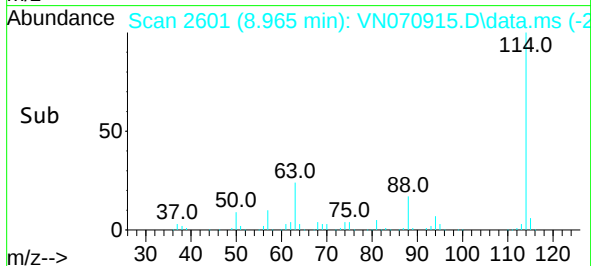
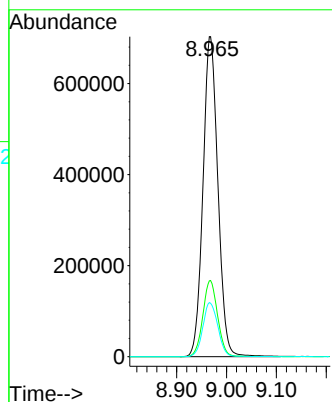
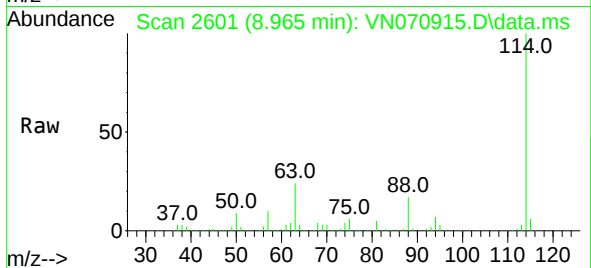
Tgt Ion:114 Resp: 1461074

Ion Ratio Lower Upper

114 100

63 23.7 0.0 37.8

88 16.9 0.0 27.4



#35

Dibromofluoromethane

Concen: 48.607 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.000 min

Lab File: VN070915.D

Acq: 3 Feb 2022 1:48

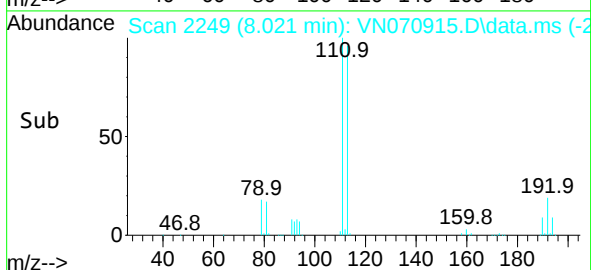
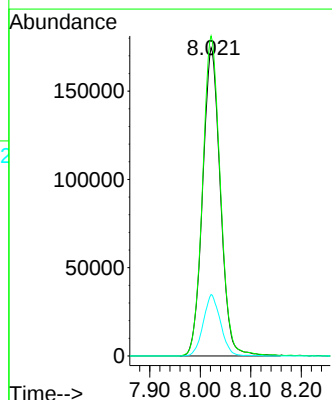
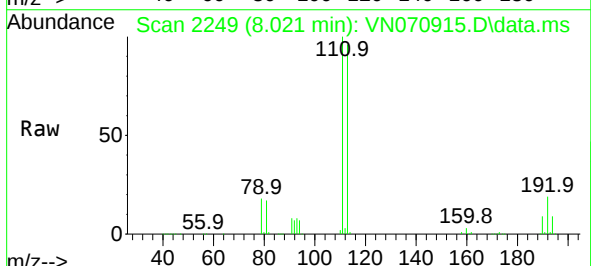
Tgt Ion:113 Resp: 425439

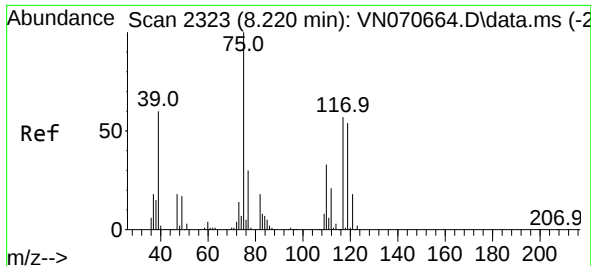
Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.2

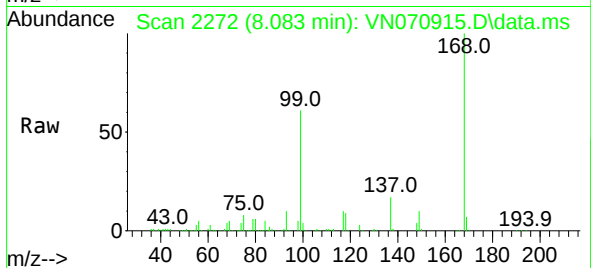
192 19.4 16.9 25.3



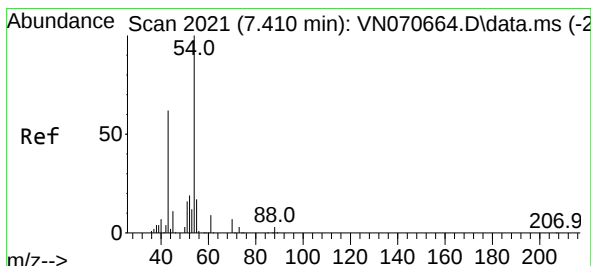
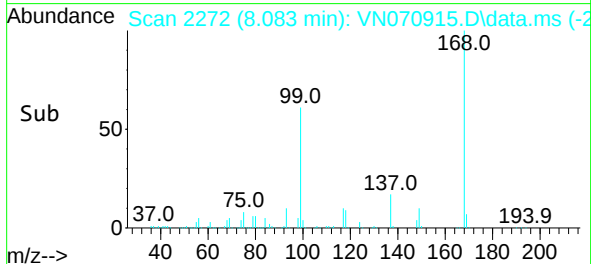
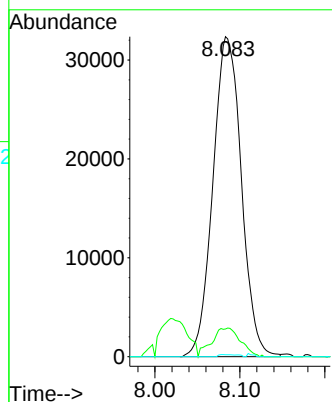


#36
1,1-Dichloropropene
Concen: 5.293 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.137 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

Instrument :
MSVOA_N
ClientSampleId :
31528DL

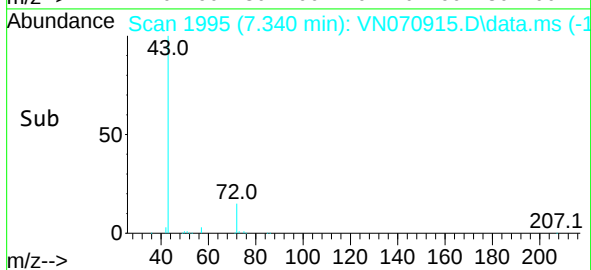
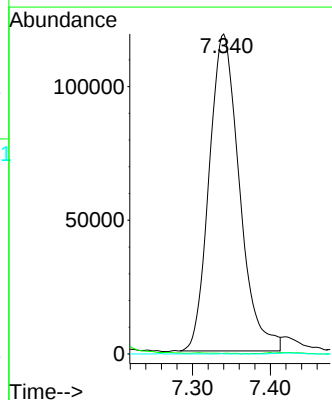
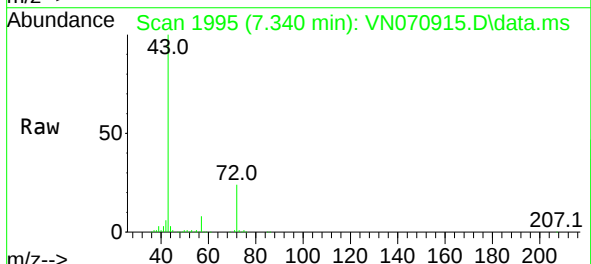


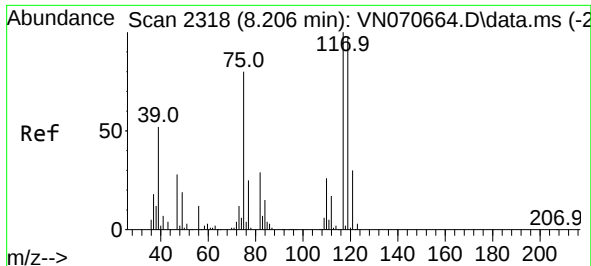
Tgt Ion: 75 Resp: 75264
Ion Ratio Lower Upper
75 100
110 9.1 18.4 55.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 16.380 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. -0.073 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

Tgt Ion: 43 Resp: 321014
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#

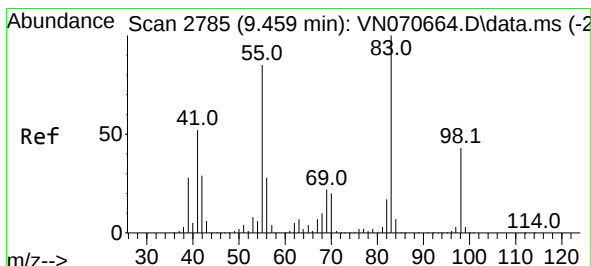
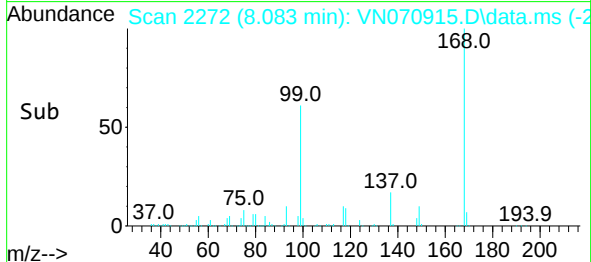
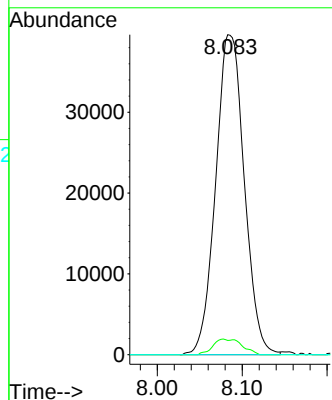
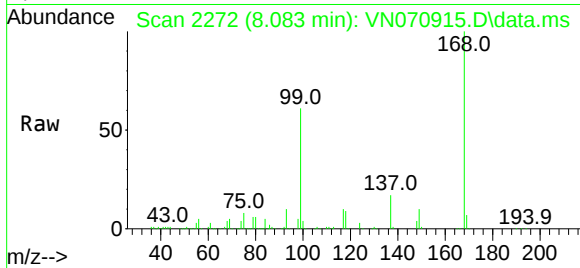




#38
Carbon Tetrachloride
Concen: 7.137 ug/l
RT: 8.083 min Scan# 211
Delta R.T. -0.123 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

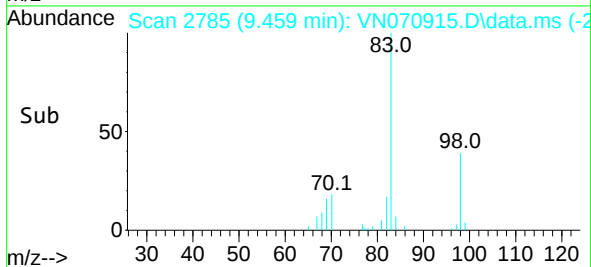
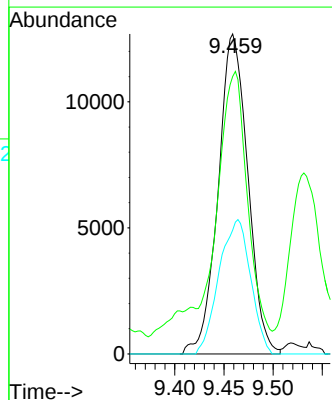
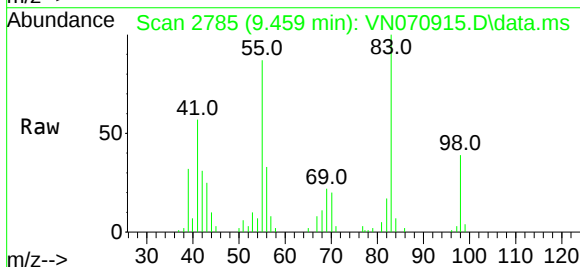
Instrument :
MSVOA_N
ClientSampleId :
31528DL

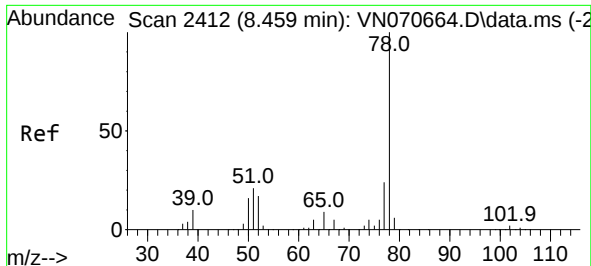
Tgt Ion:117 Resp: 92671
Ion Ratio Lower Upper
117 100
119 4.5 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 1.526 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

Tgt Ion: 83 Resp: 26673
Ion Ratio Lower Upper
83 100
55 75.2 58.1 87.1
98 38.7 38.4 57.6

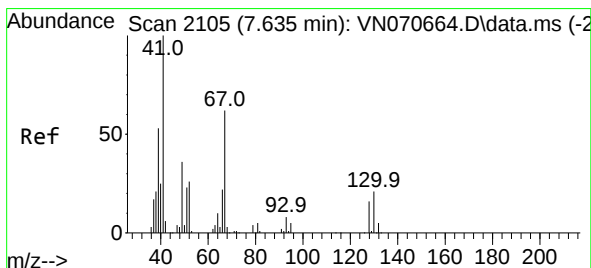
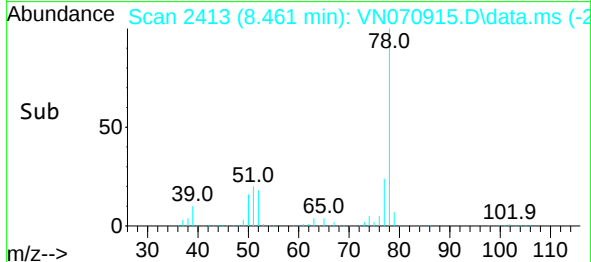
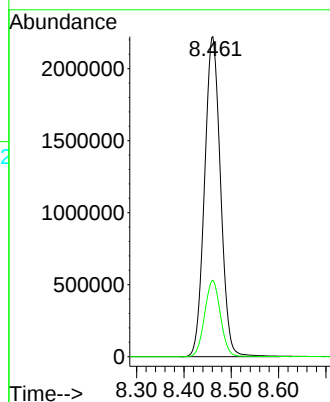
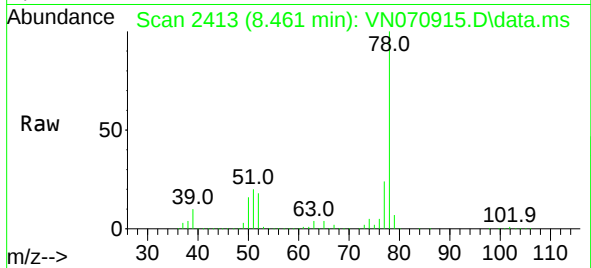




#40
Benzene
Concen: 116.844 ug/l
RT: 8.461 min Scan# 2412
Delta R.T. 0.002 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

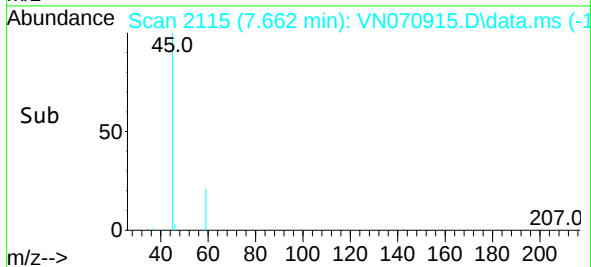
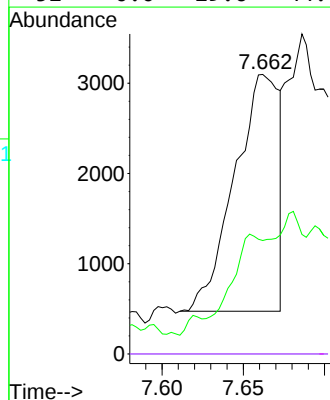
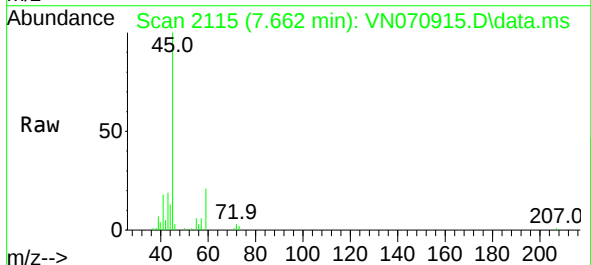
Instrument :
MSVOA_N
ClientSampleId :
31528DL

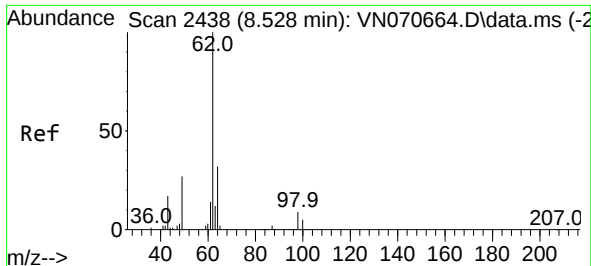
Tgt Ion: 78 Resp: 5219735
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8



#41
Methacrylonitrile
Concen: 0.506 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.027 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

Tgt Ion: 41 Resp: 4980
Ion Ratio Lower Upper
41 100
39 22.0 48.1 72.1#
67 0.0 68.3 102.5#
52 0.0 29.6 44.4#





#42

1,2-Dichloroethane

Concen: 2.963 ug/l

RT: 8.458 min Scan# 2412

Delta R.T. -0.070 min

Lab File: VN070915.D

Acq: 3 Feb 2022 1:48

Instrument :

MSVOA_N

ClientSampleId :

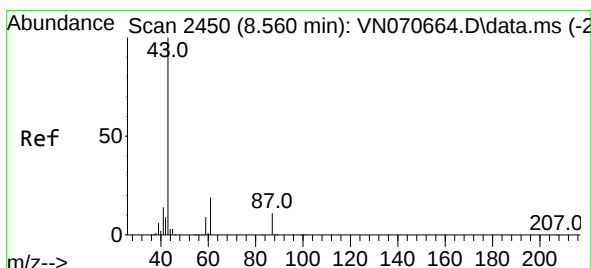
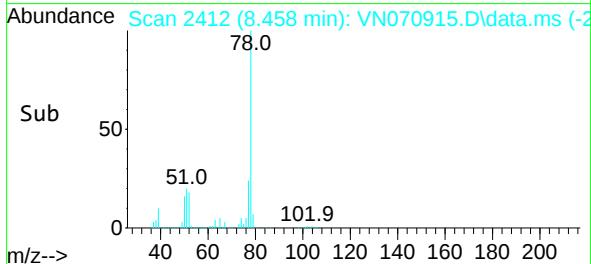
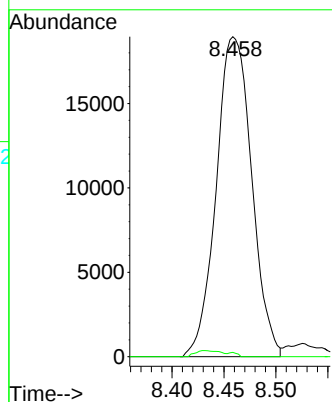
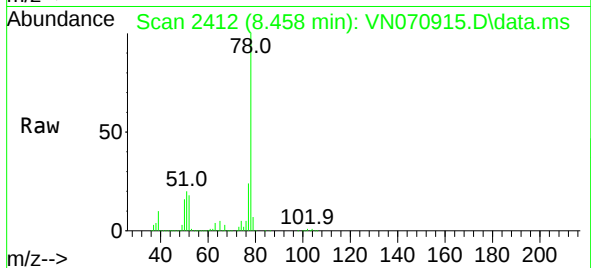
31528DL

Tgt Ion: 62 Resp: 45056

Ion Ratio Lower Upper

62 100

98 0.3 0.0 17.6



#43

Isopropyl Acetate

Concen: 0.548 ug/l

RT: 8.558 min Scan# 2449

Delta R.T. -0.002 min

Lab File: VN070915.D

Acq: 3 Feb 2022 1:48

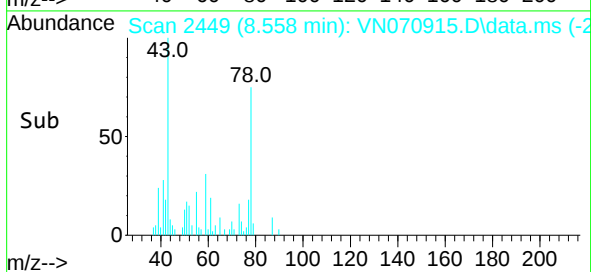
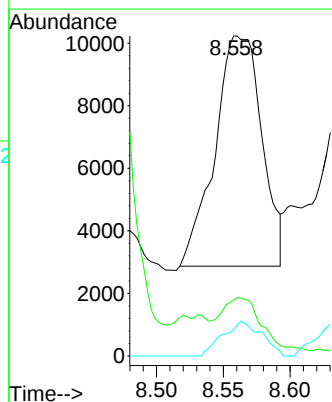
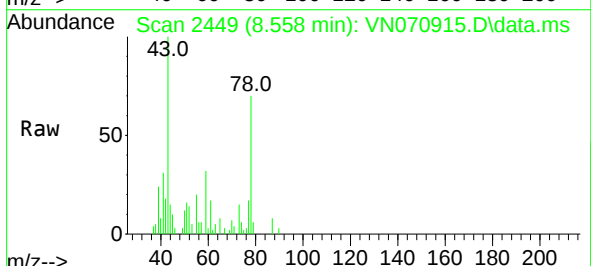
Tgt Ion: 43 Resp: 18046

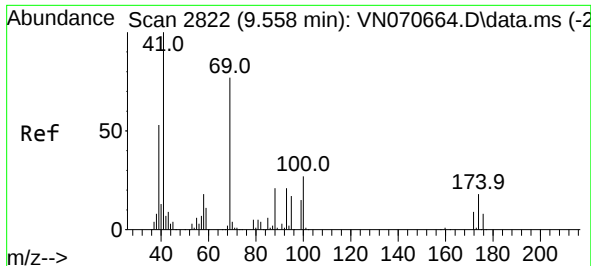
Ion Ratio Lower Upper

43 100

61 18.6 20.4 30.6#

87 12.4 11.2 16.8

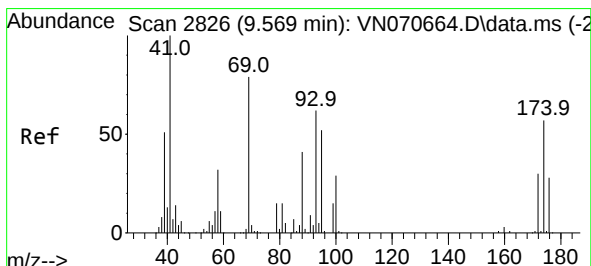
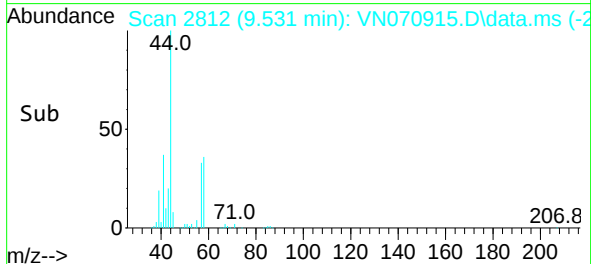
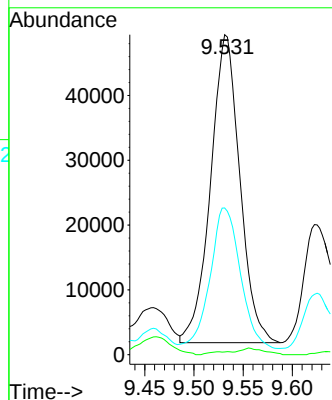
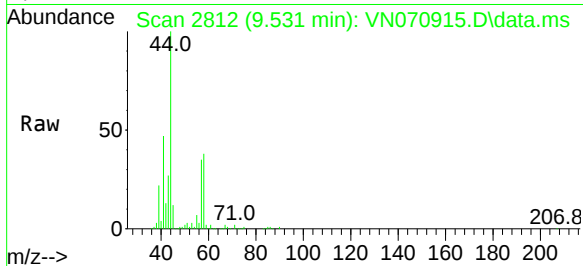




#48
Methyl methacrylate
Concen: 6.933 ug/l
RT: 9.531 min Scan# 2812
Delta R.T. -0.027 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

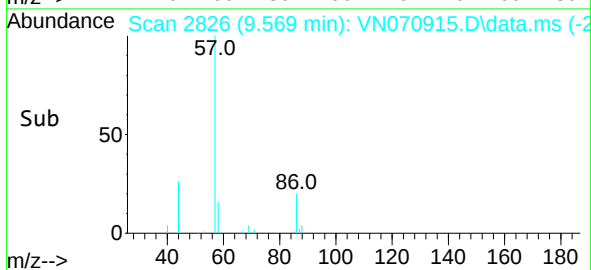
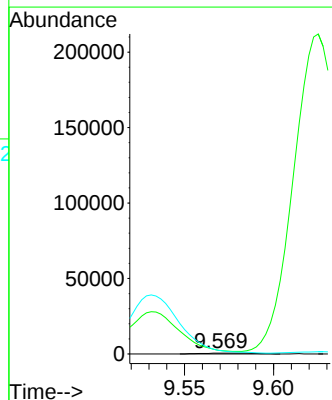
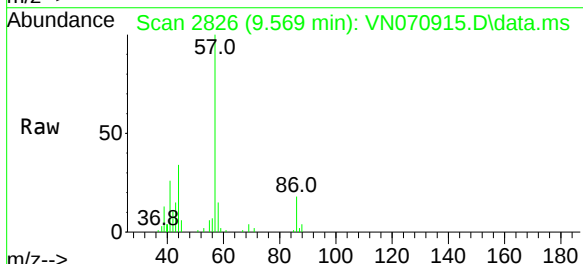
Instrument :
MSVOA_N
ClientSampleId :
31528DL

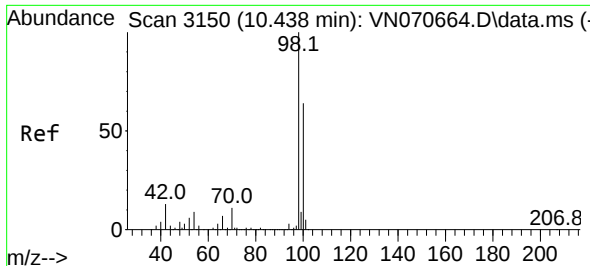
Tgt Ion: 41 Resp: 98481
Ion Ratio Lower Upper
41 100
69 0.4 72.4 108.6#
39 47.2 58.4 87.6#



#49
1,4-Dioxane
Concen: 4.690 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.000 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

Tgt Ion: 88 Resp: 1116
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 0.0 50.6 75.8#

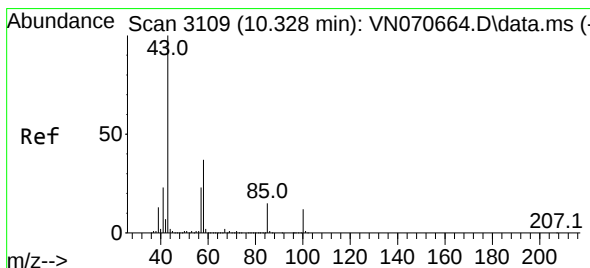
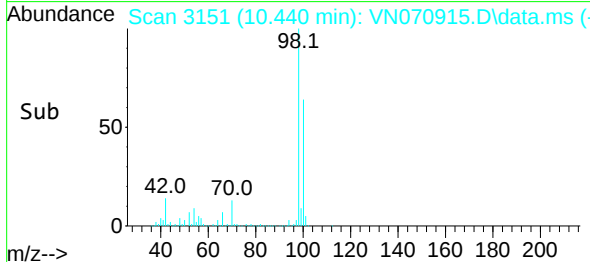
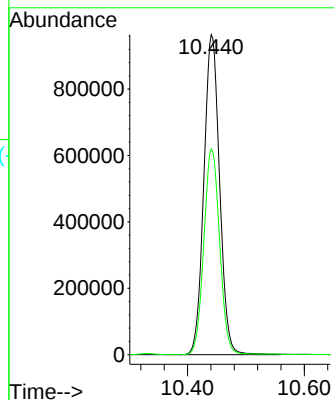
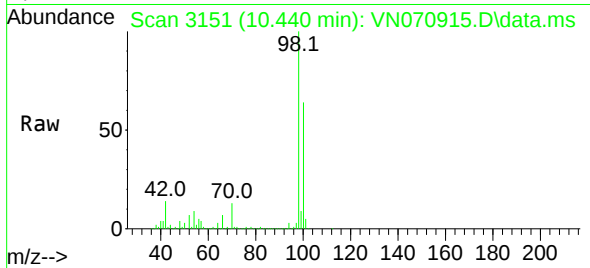




#50
Toluene-d8
Concen: 50.282 ug/l
RT: 10.440 min Scan# 3111
Delta R.T. -0.001 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

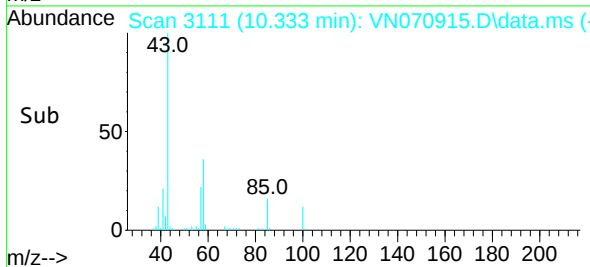
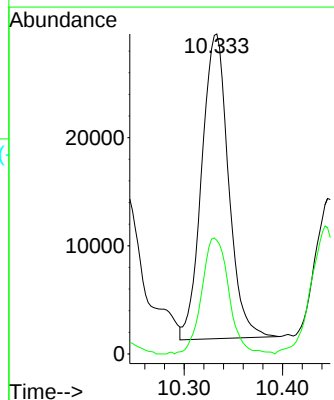
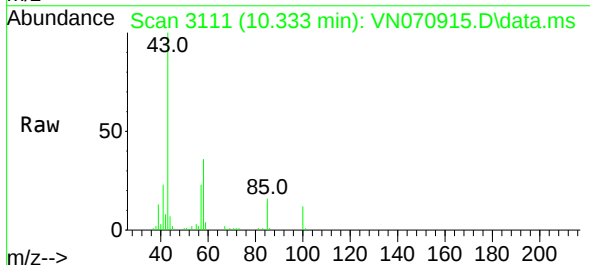
Instrument :
MSVOA_N
ClientSampleId :
31528DL

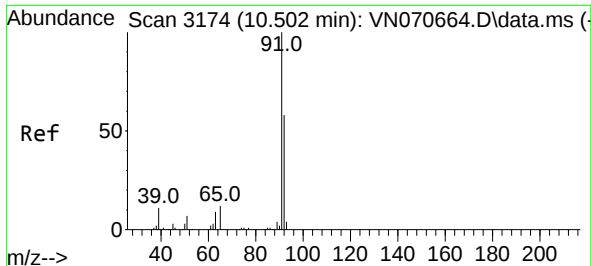
Tgt Ion: 98 Resp: 1807017
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 2.752 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

Tgt Ion: 43 Resp: 53361
Ion Ratio Lower Upper
43 100
58 38.6 30.4 45.6

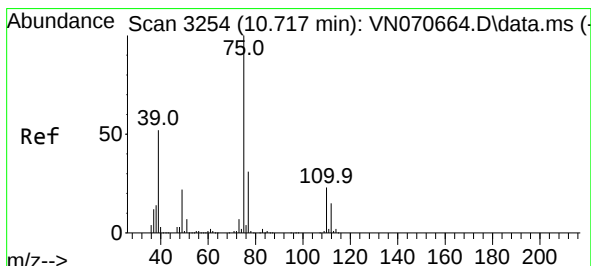
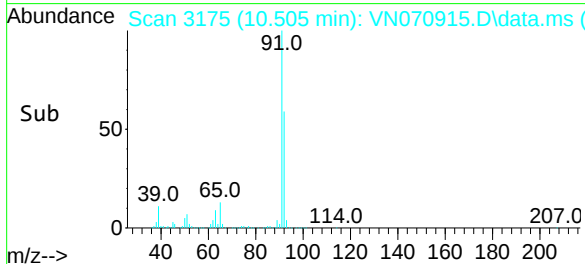
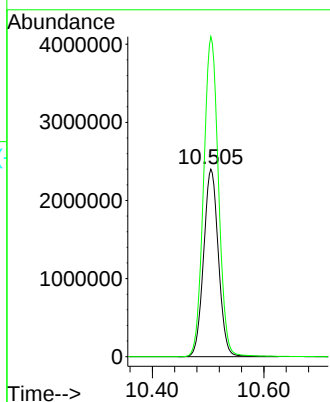
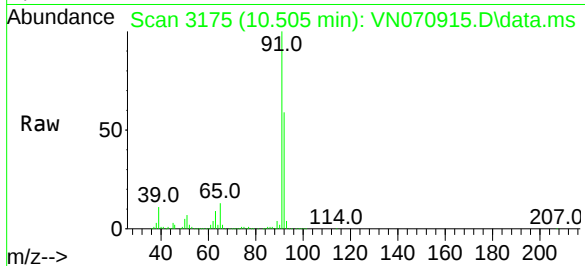




#52
Toluene
Concen: 159.785 ug/l
RT: 10.505 min Scan# 3174
Delta R.T. -0.000 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

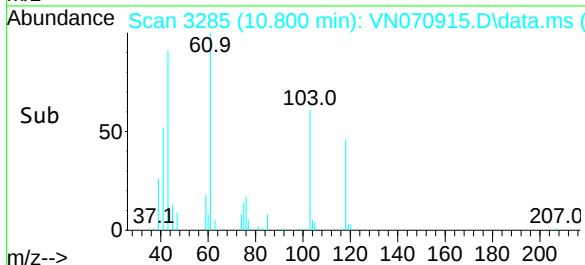
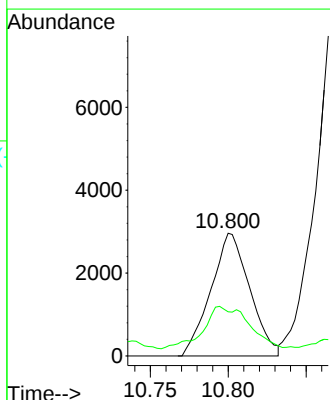
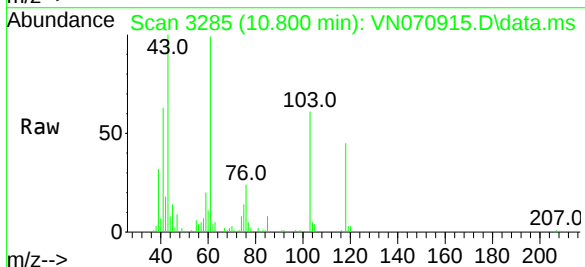
Instrument :
MSVOA_N
ClientSampleId :
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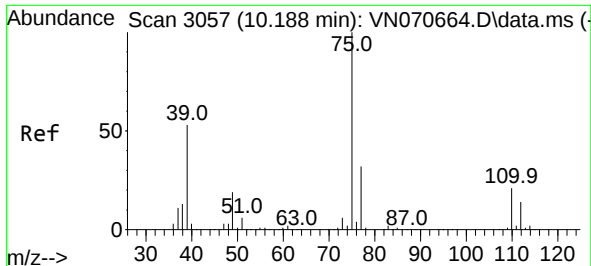
Tgt Ion: 92 Resp: 4422708
Ion Ratio Lower Upper
92 100
91 172.2 142.0 213.0



#53
t-1,3-Dichloropropene
Concen: 0.316 ug/l
RT: 10.800 min Scan# 3285
Delta R.T. 0.083 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

Tgt Ion: 75 Resp: 5148
Ion Ratio Lower Upper
75 100
77 27.7 25.6 38.4

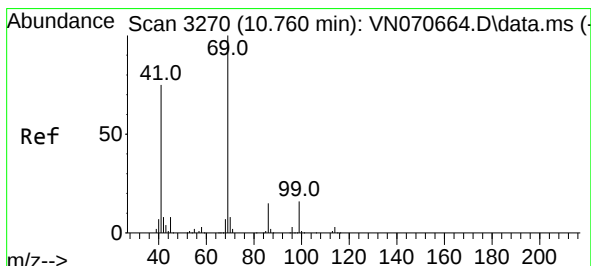
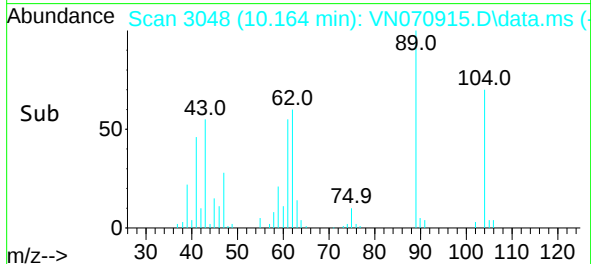
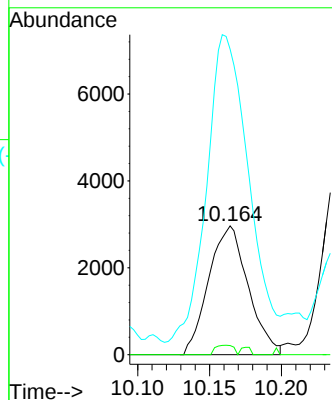
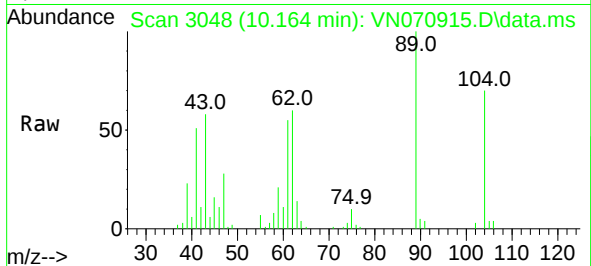




#54
cis-1,3-Dichloropropene
Concen: 0.319 ug/l
RT: 10.164 min Scan# 3057
Delta R.T. -0.024 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

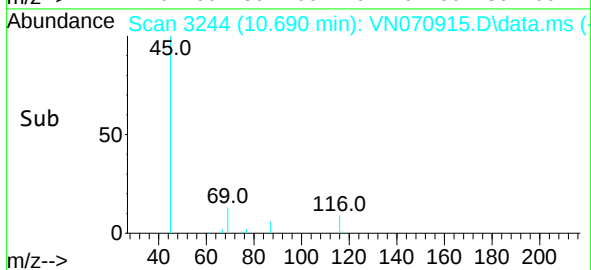
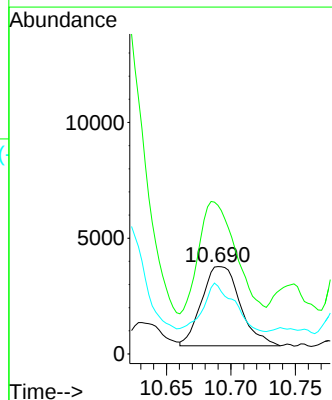
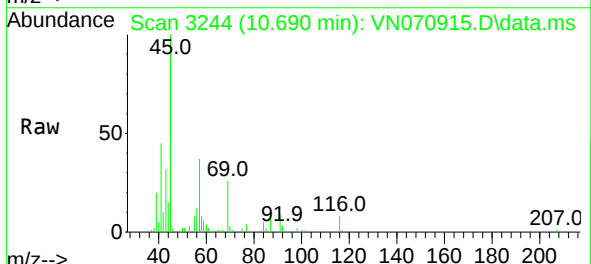
Instrument :
MSVOA_N
ClientSampleId :
31528DL

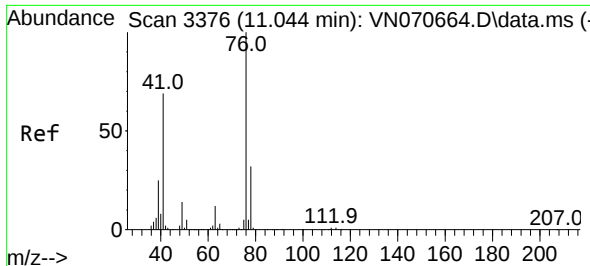
Tgt Ion: 75 Resp: 5659
Ion Ratio Lower Upper
75 100
77 7.1 26.4 39.6#
39 214.7 42.5 63.7#



#56
Ethyl methacrylate
Concen: 0.388 ug/l
RT: 10.690 min Scan# 3244
Delta R.T. -0.070 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

Tgt Ion: 69 Resp: 7108
Ion Ratio Lower Upper
69 100
41 135.0 51.4 77.0#
39 0.0 34.6 52.0#





#57

1,3-Dichloropropane

Concen: 0.287 ug/l

RT: 11.084 min Scan# 31

Delta R.T. 0.040 min

Lab File: VN070915.D

Acq: 3 Feb 2022 1:48

Instrument :

MSVOA_N

ClientSampleId :

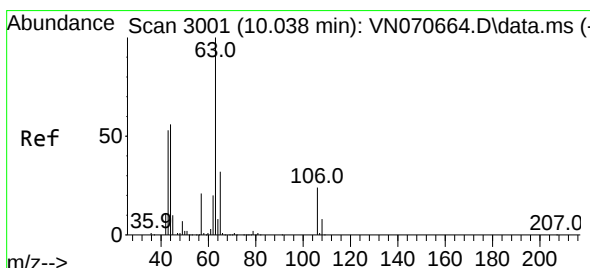
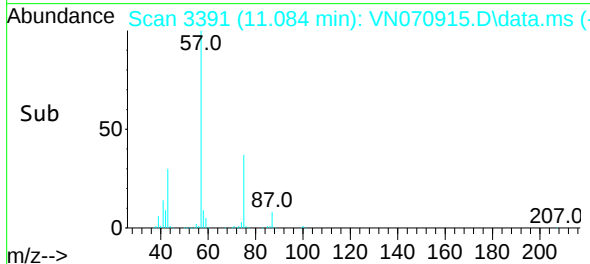
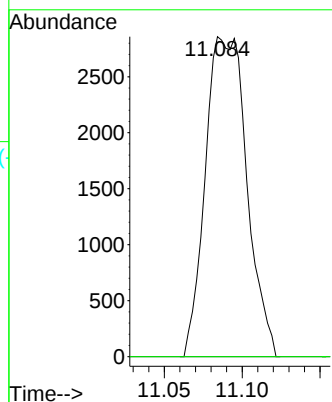
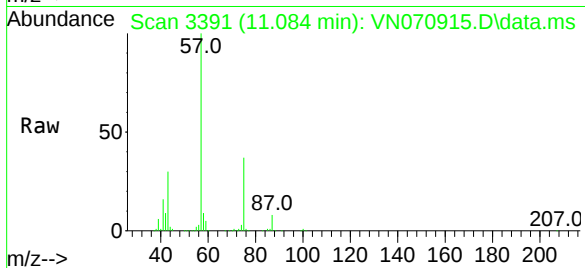
31528DL

Tgt Ion: 76 Resp: 5279

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#58

2-Chloroethyl Vinyl ether

Concen: 21.277 ug/l

RT: 10.164 min Scan# 3048

Delta R.T. 0.123 min

Lab File: VN070915.D

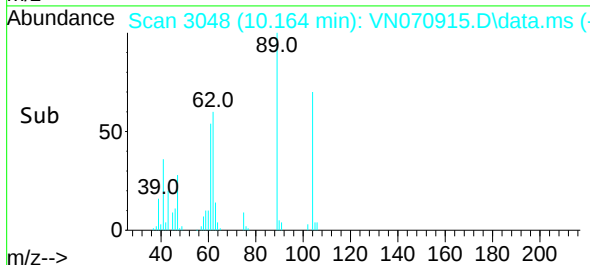
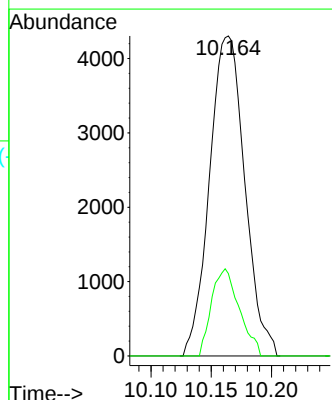
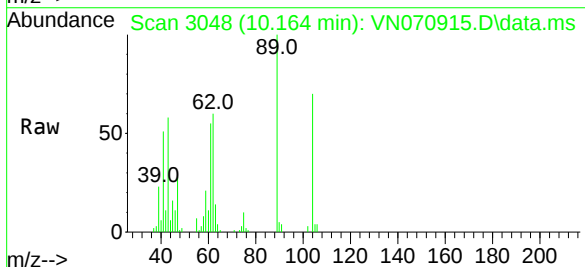
Acq: 3 Feb 2022 1:48

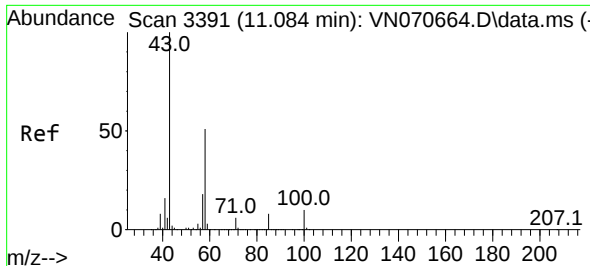
Tgt Ion: 63 Resp: 8755

Ion Ratio Lower Upper

63 100

106 21.5 23.9 35.9#

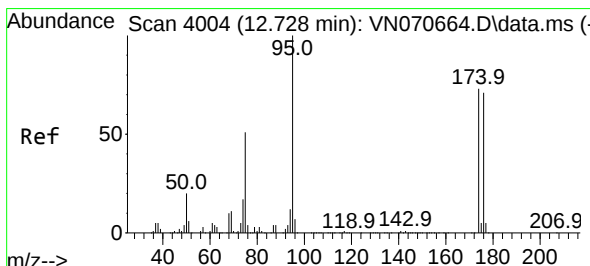
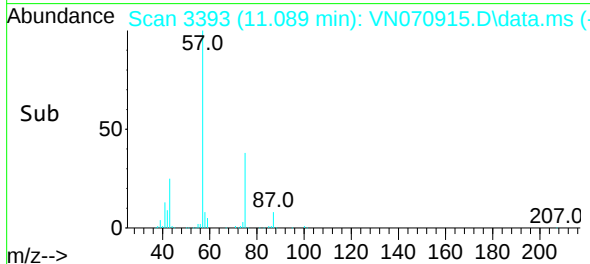
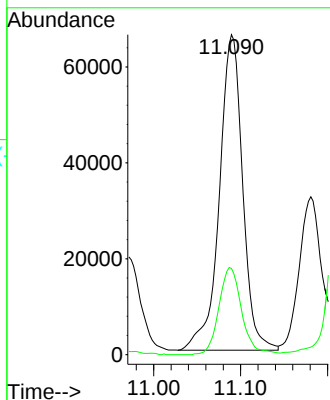
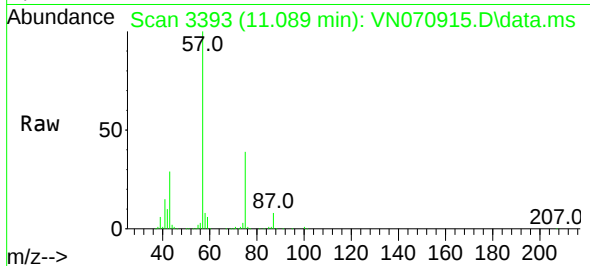




#59
2-Hexanone
Concen: 8.674 ug/l
RT: 11.089 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

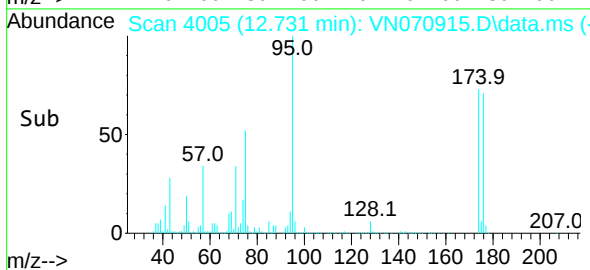
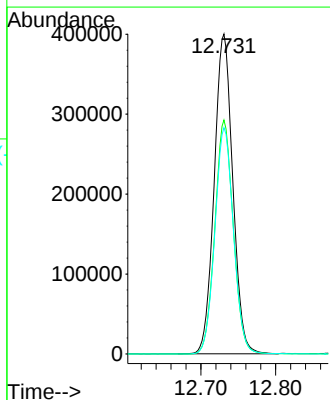
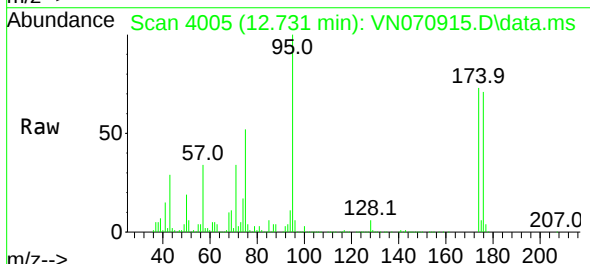
Instrument :
MSVOA_N
ClientSampleId :
31528DL

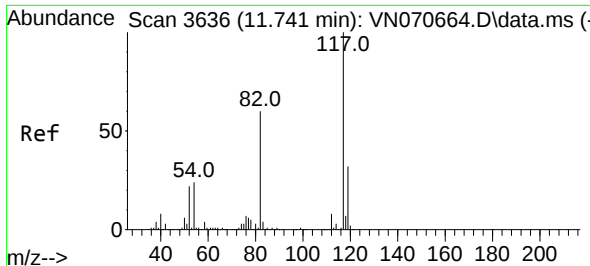
Tgt Ion: 43 Resp: 122802
Ion Ratio Lower Upper
43 100
58 27.1 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 53.175 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

Tgt Ion: 95 Resp: 688564
Ion Ratio Lower Upper
95 100
174 72.8 0.0 187.2
176 70.9 0.0 181.4

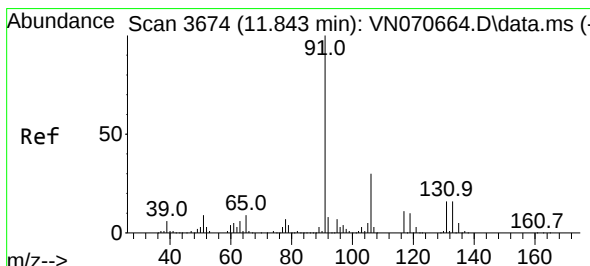
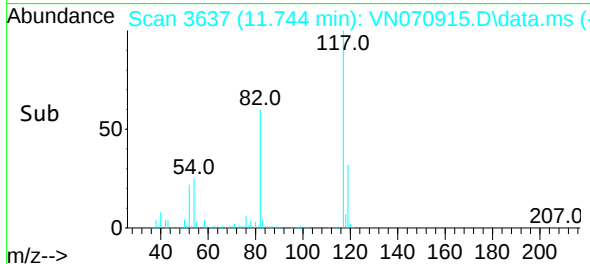
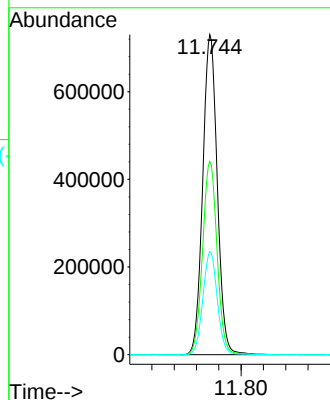
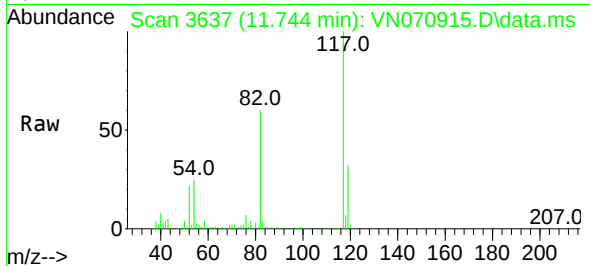




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

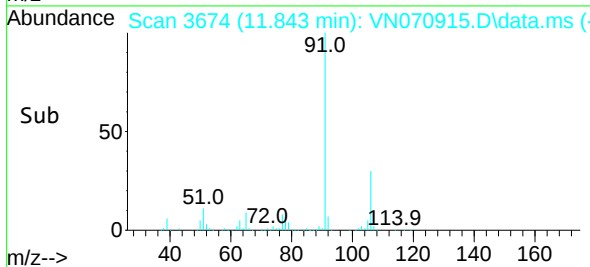
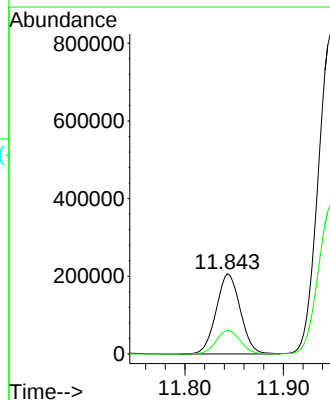
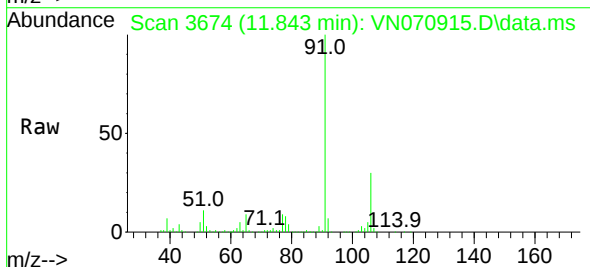
Instrument :
MSVOA_N
ClientSampleId :
31528DL

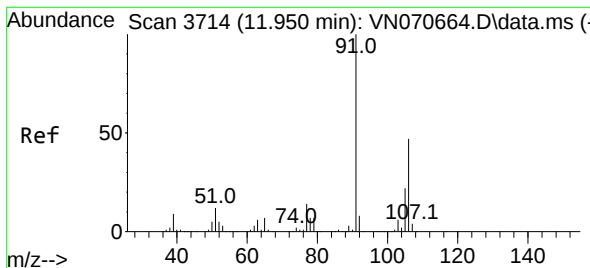
Tgt Ion:117 Resp: 1321185
Ion Ratio Lower Upper
117 100
82 60.4 42.4 63.6
119 32.2 25.4 38.2



#67
Ethyl Benzene
Concen: 6.992 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

Tgt Ion: 91 Resp: 352464
Ion Ratio Lower Upper
91 100
106 29.5 25.7 38.5

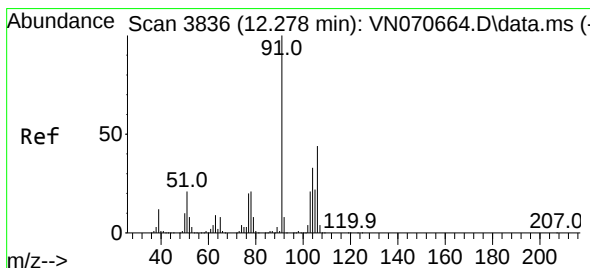
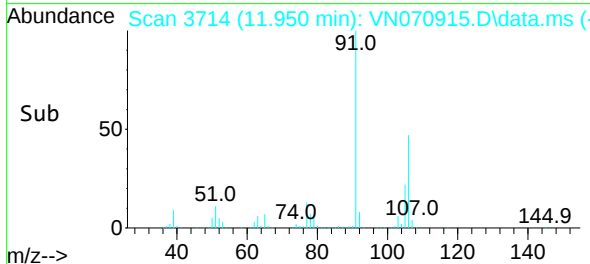
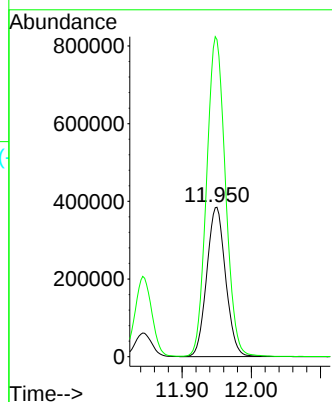
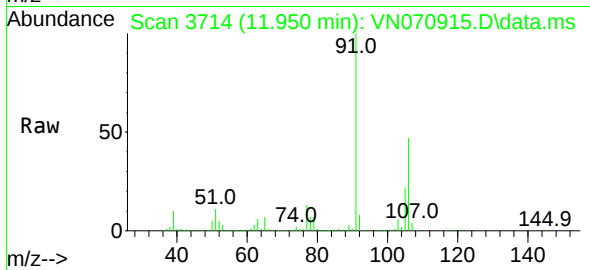




#68
m/p-Xylenes
Concen: 39.002 ug/l
RT: 11.950 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

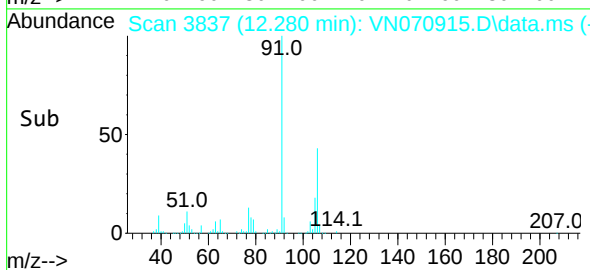
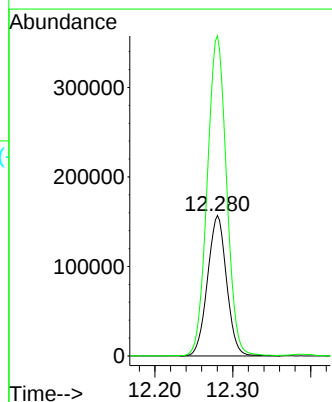
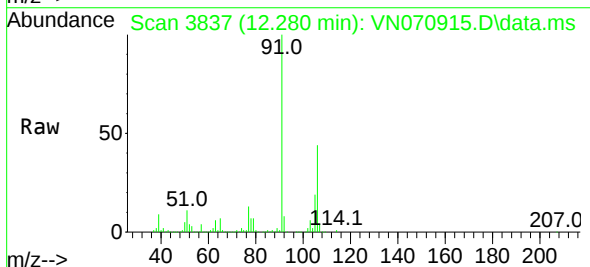
Instrument :
MSVOA_N
ClientSampleId :
31528DL

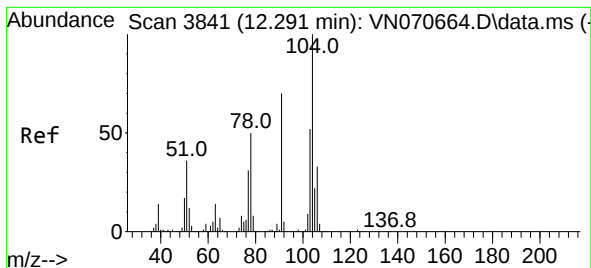
Tgt Ion:106 Resp: 728449
Ion Ratio Lower Upper
106 100
91 214.3 160.6 240.8



#69
o-Xylene
Concen: 14.294 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

Tgt Ion:106 Resp: 267200
Ion Ratio Lower Upper
106 100
91 230.5 105.8 317.3





#70

Styrene

Concen: 0.494 ug/l

RT: 12.280 min Scan# 31528

Delta R.T. -0.014 min

Lab File: VN070915.D

Acq: 3 Feb 2022 1:48

Instrument :

MSVOA_N

ClientSampleId :

31528DL

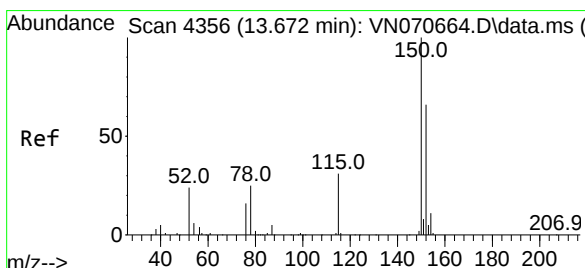
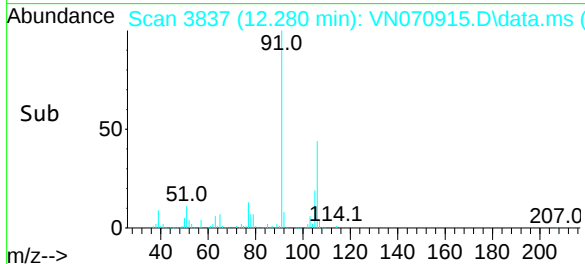
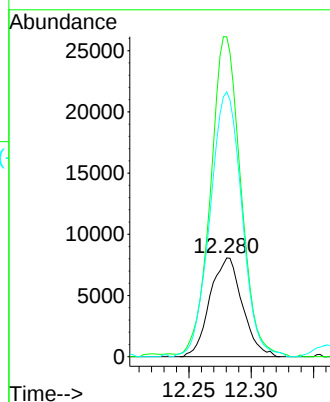
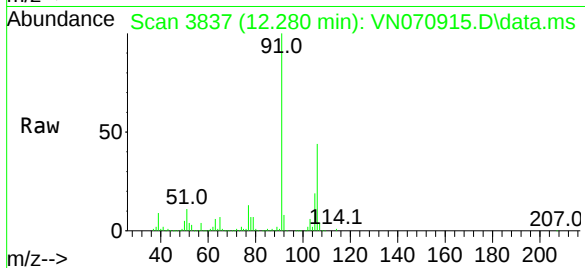
Tgt Ion:104 Resp: 14564

Ion Ratio Lower Upper

104 100

78 303.0 38.7 58.1#

103 263.9 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: VN070915.D

Acq: 3 Feb 2022 1:48

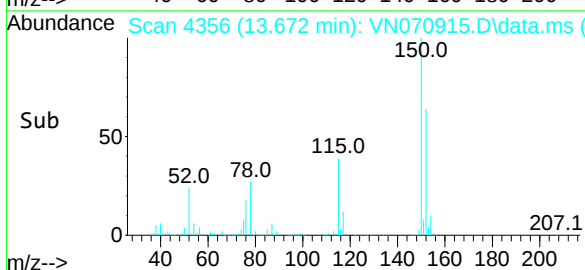
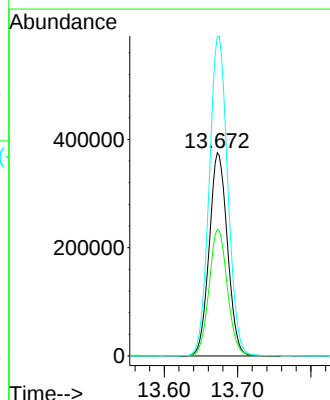
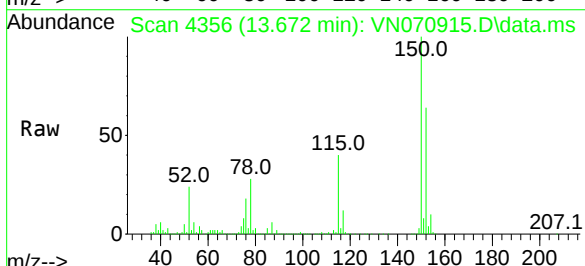
Tgt Ion:152 Resp: 648507

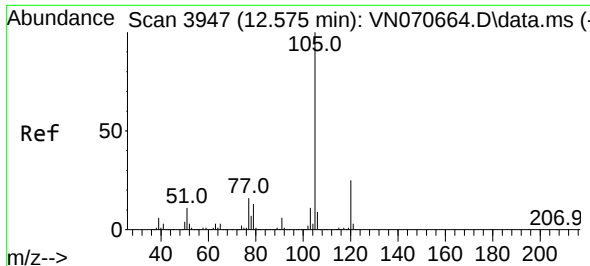
Ion Ratio Lower Upper

152 100

115 62.4 27.5 82.5

150 160.2 0.0 344.4

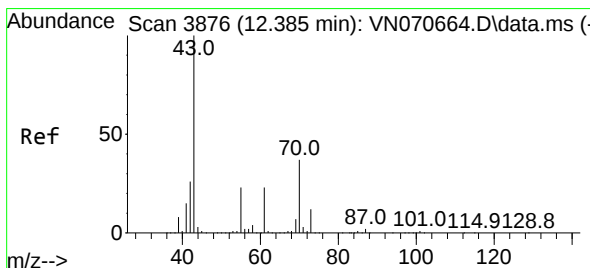
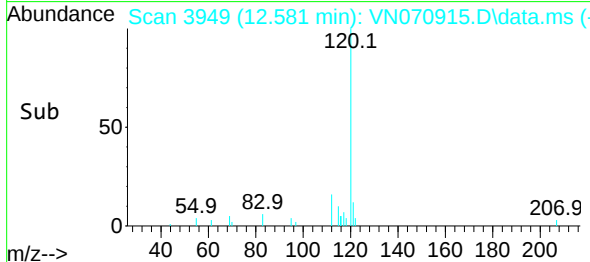
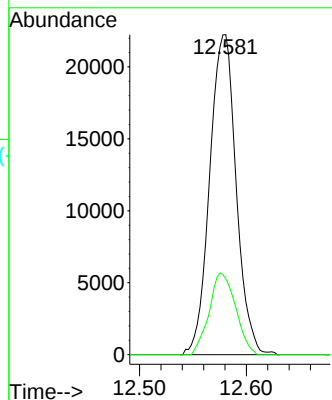
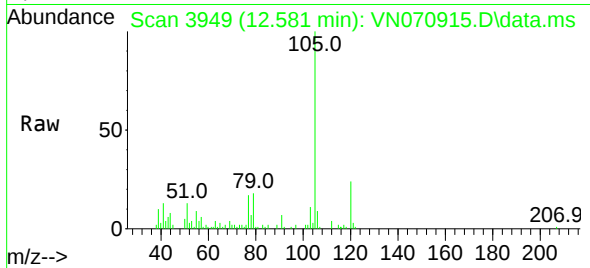




#73
Isopropylbenzene
Concen: 0.677 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.003 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

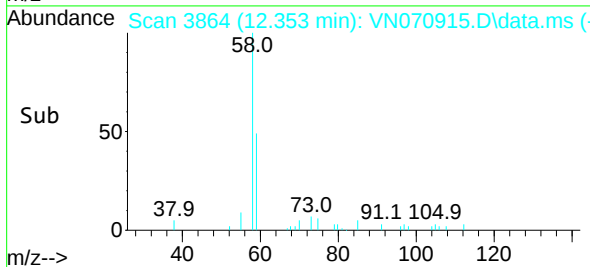
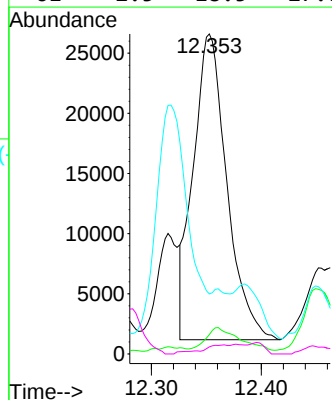
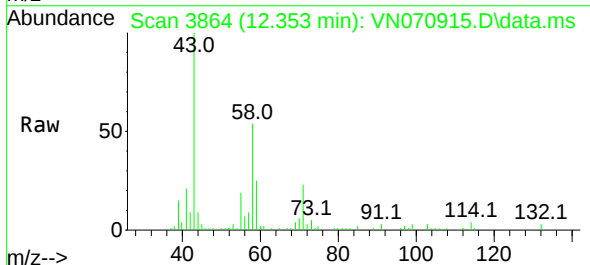
Instrument :
MSVOA_N
ClientSampleId :
31528DL

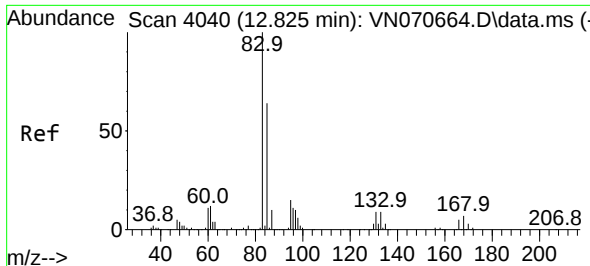
Tgt Ion:105 Resp: 38321
Ion Ratio Lower Upper
105 100
120 25.4 13.4 40.1



#74
N-ethyl acetate
Concen: 2.131 ug/l
RT: 12.353 min Scan# 3864
Delta R.T. -0.035 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

Tgt Ion: 43 Resp: 54003
Ion Ratio Lower Upper
43 100
70 7.7 33.4 50.0#
55 0.0 19.3 28.9#
61 2.5 18.5 27.7#

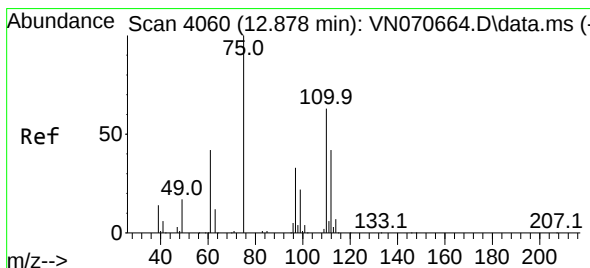
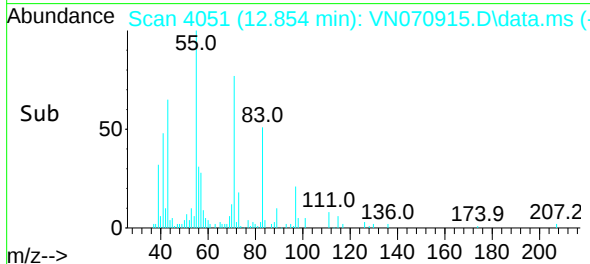
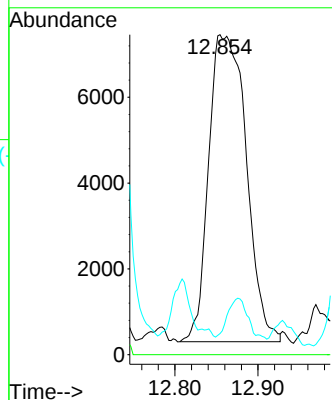
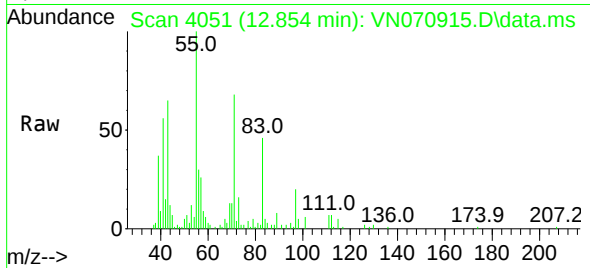




#75
1,1,2,2-Tetrachloroethane
Concen: 1.146 ug/l
RT: 12.854 min Scan# 4005
Delta R.T. 0.029 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

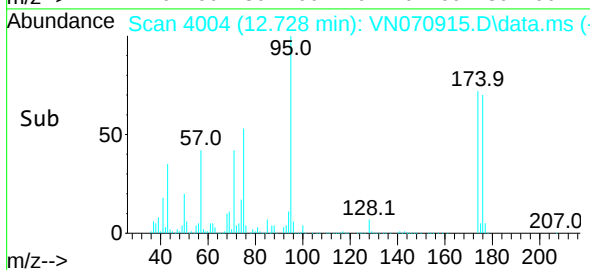
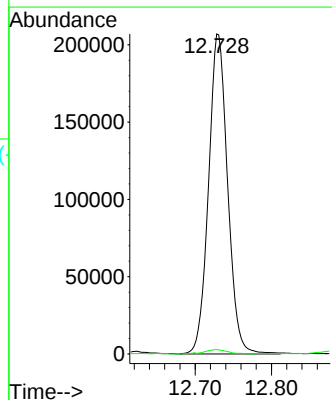
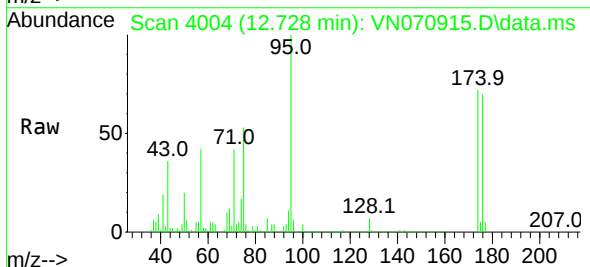
Instrument :
MSVOA_N
ClientSampleId :
31528DL

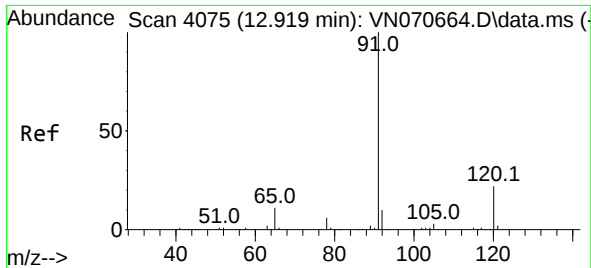
Tgt Ion: 83 Resp: 22465
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 0.0 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 23.049 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.150 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

Tgt Ion: 75 Resp: 359780
Ion Ratio Lower Upper
75 100
77 1.5 82.6 247.8#

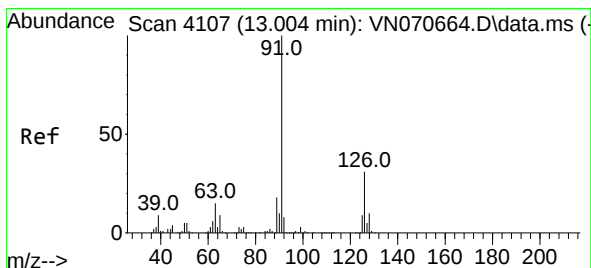
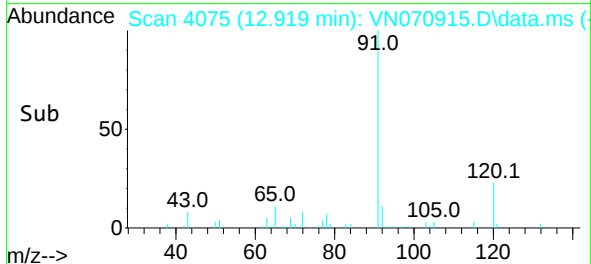
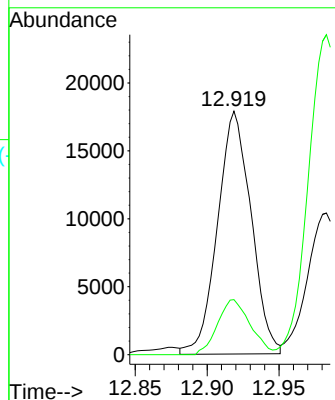
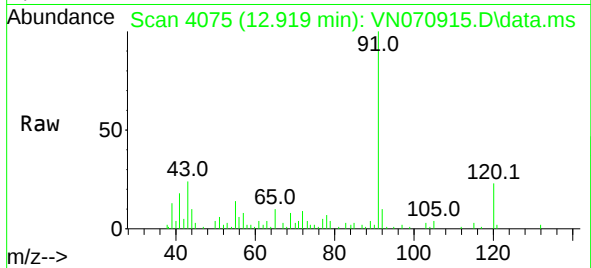




#78
n-propylbenzene
Concen: 0.450 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

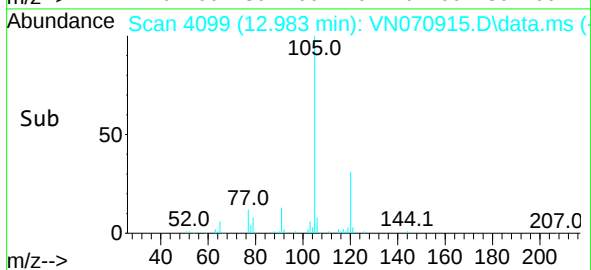
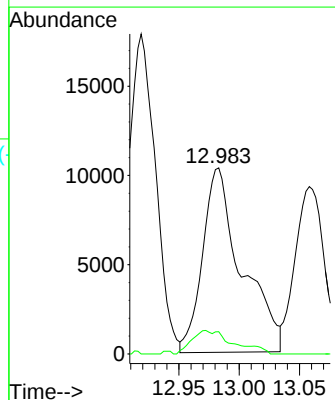
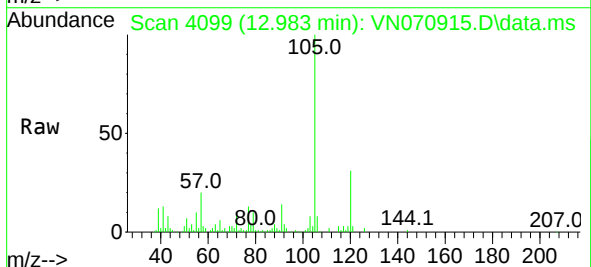
Instrument :
MSVOA_N
ClientSampleId :
31528DL

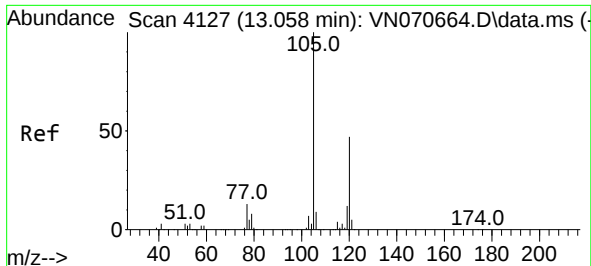
Tgt Ion: 91 Resp: 29046
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9



#79
2-Chlorotoluene
Concen: 0.583 ug/l
RT: 12.983 min Scan# 4099
Delta R.T. -0.024 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

Tgt Ion: 91 Resp: 23384
Ion Ratio Lower Upper
91 100
126 6.6 18.3 54.8#

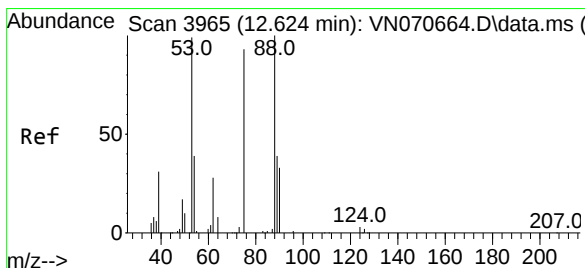
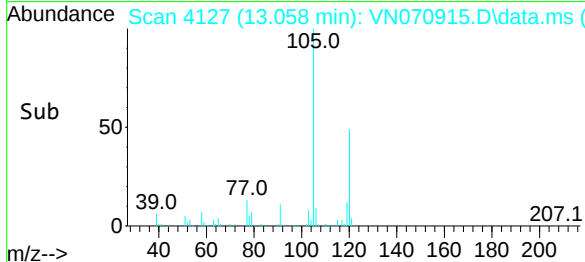
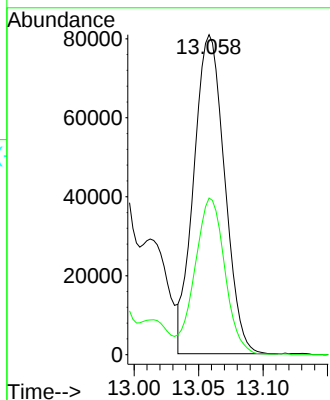
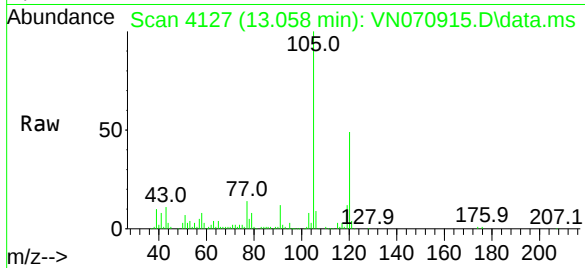




#80
1,3,5-Trimethylbenzene
Concen: 2.919 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

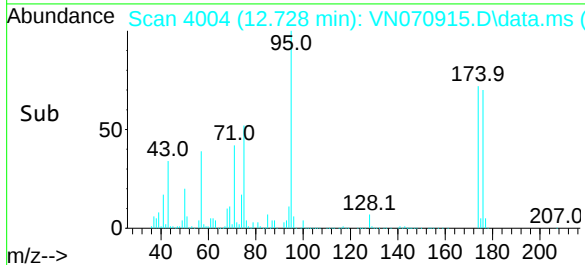
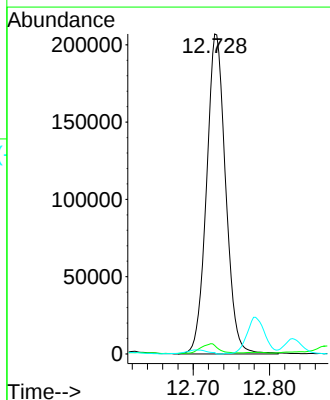
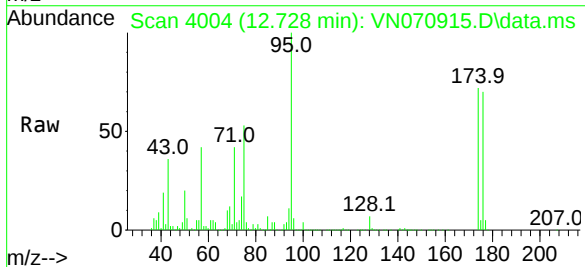
Instrument :
MSVOA_N
ClientSampleId :
31528DL

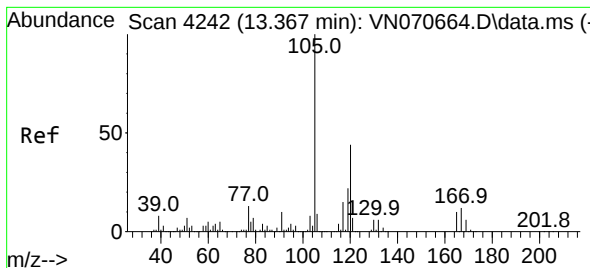
Tgt Ion:105 Resp: 133888
Ion Ratio Lower Upper
105 100
120 47.6 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 62.477 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.104 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

Tgt Ion: 75 Resp: 359780
Ion Ratio Lower Upper
75 100
53 2.9 90.5 135.7#
89 0.0 38.2 57.4#





#84

1,2,4-Trimethylbenzene

Concen: 5.526 ug/l

RT: 13.366 min Scan# 41

Delta R.T. -0.001 min

Lab File: VN070915.D

Acq: 3 Feb 2022 1:48

Instrument :

MSVOA_N

ClientSampleId :

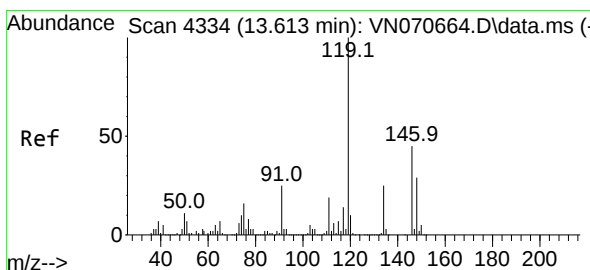
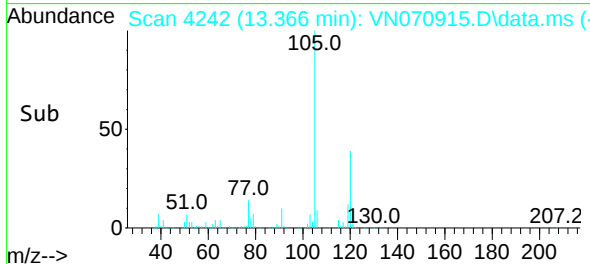
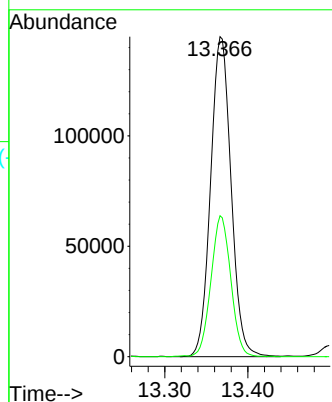
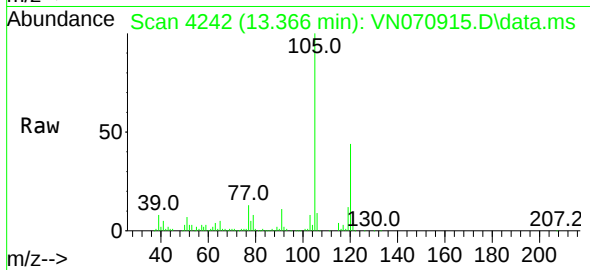
31528DL

Tgt Ion:105 Resp: 247873

Ion Ratio Lower Upper

105 100

120 42.6 22.8 68.4



#86

p-Isopropyltoluene

Concen: 0.272 ug/l

RT: 13.771 min Scan# 4393

Delta R.T. 0.158 min

Lab File: VN070915.D

Acq: 3 Feb 2022 1:48

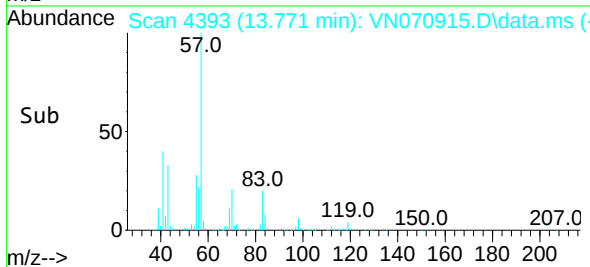
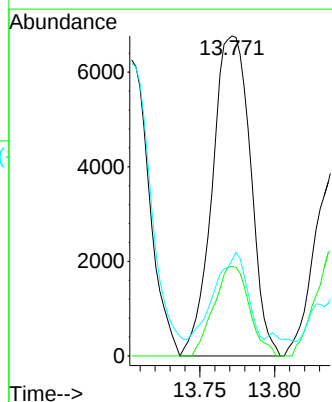
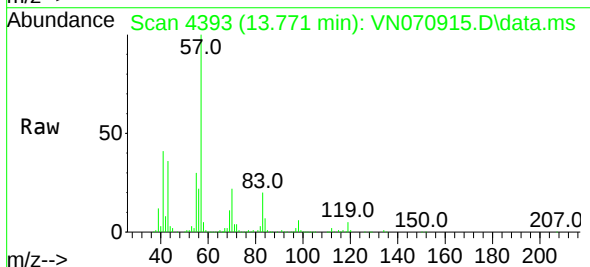
Tgt Ion:119 Resp: 11984

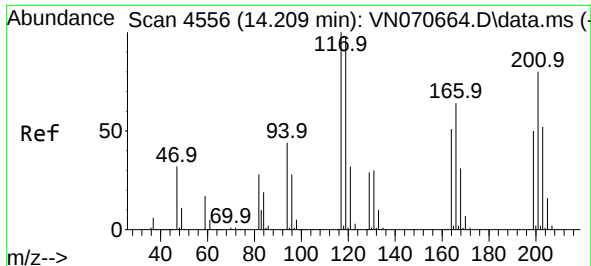
Ion Ratio Lower Upper

119 100

134 26.1 13.6 40.7

91 22.6 11.4 34.1

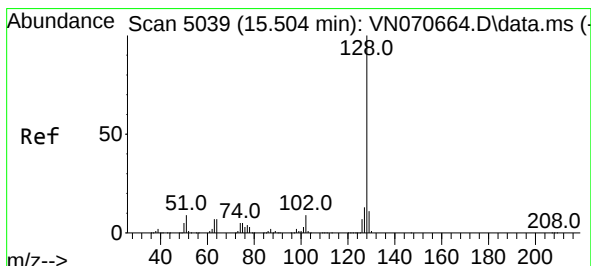
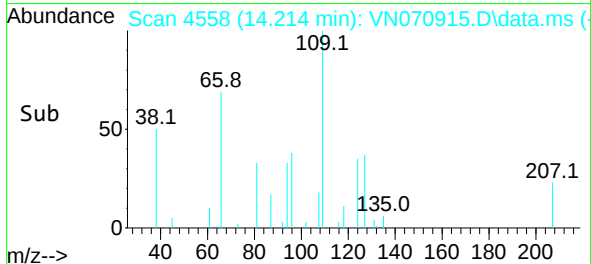
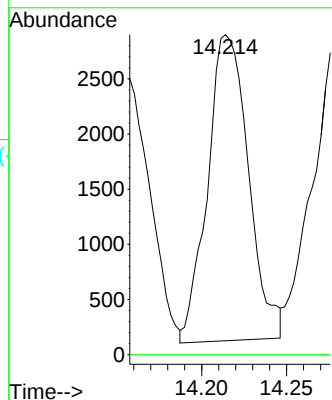
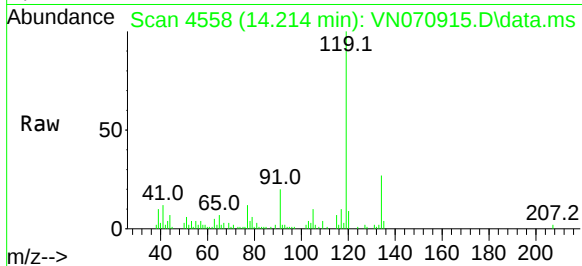




#90
Hexachloroethane
Concen: 0.595 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.005 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

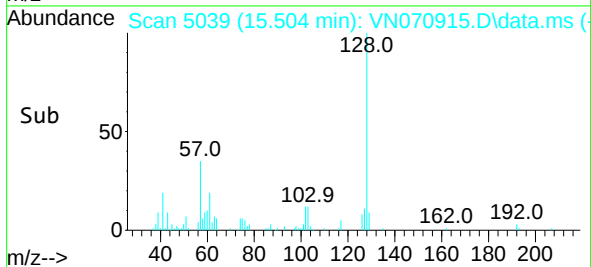
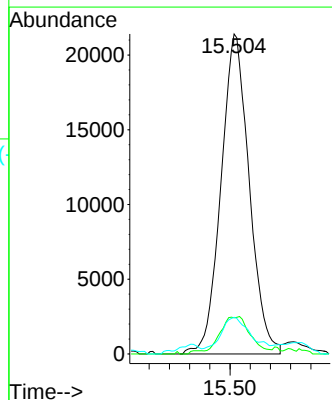
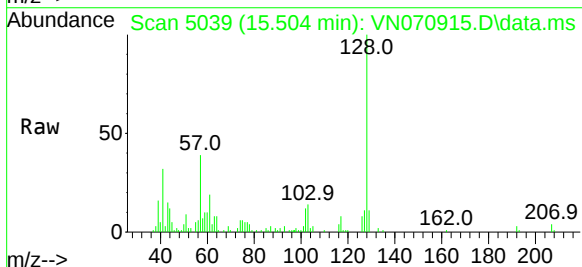
Instrument :
MSVOA_N
ClientSampleId :
31528DL

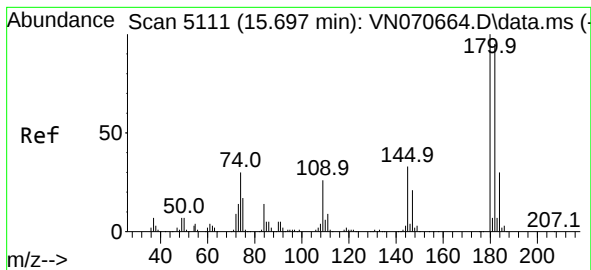
Tgt Ion:117 Resp: 4654
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#95
Naphthalene
Concen: 4.679 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. 0.000 min
Lab File: VN070915.D
Acq: 3 Feb 2022 1:48

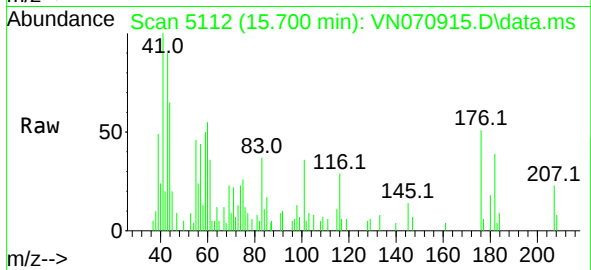
Tgt Ion:128 Resp: 41526
Ion Ratio Lower Upper
128 100
127 5.3 10.5 15.7#
129 9.4 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.793 ug/l
 RT: 15.700 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN070915.D
 Acq: 3 Feb 2022 1:48

Instrument :
 MSVOA_N
 ClientSampleId :
 31528DL



Tgt Ion:180 Resp: 1093
 Ion Ratio Lower Upper
 180 100
 182 331.0 47.4 142.2#
 145 119.2 15.0 45.1#

