

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062322\
 Data File : VN073046.D
 Acq On : 23 Jun 2022 14:14
 Operator : JC\MD
 Sample : N3422-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-12

Quant Time: Jun 24 01:18:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	298120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	487749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	436603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	226222	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	180298	44.733	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.460%
35) Dibromofluoromethane	7.951	113	151454	50.238	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.480%
50) Toluene-d8	10.375	98	517813	46.160	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.320%
62) 4-Bromofluorobenzene	12.669	95	231086	57.288	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.580%

Target Compounds			Qvalue			
3) Chloromethane	2.269	50	1103	0.927	ug/l	97
5) Bromomethane	2.828	94	412	0.411	ug/l #	51
6) Chloroethane	2.963	64	1388	0.872	ug/l #	42
11) Tert butyl alcohol	5.298	59	677	0.650	ug/l #	72
13) Acrolein	3.987	56	93	0.227	ug/l #	13
16) Acetone	4.222	43	95602	43.151	ug/l	95
17) Carbon Disulfide	4.463	76	5041	0.689	ug/l	95
18) Methyl Acetate	4.793	43	7698	1.305	ug/l #	88
20) Methylene Chloride	5.016	84	16146	4.478	ug/l	96
25) 2-Butanone	7.263	43	28258	8.038	ug/l #	84
26) 2,2-Dichloropropane	7.245	77	1533	Below Cal	#	53
29) Tetrahydrofuran	7.622	42	2450	1.055	ug/l #	69
31) Cyclohexane	8.022	56	42033	7.710	ug/l #	88
36) 1,1-Dichloropropene	8.016	75	25171	6.170	ug/l #	48
37) Ethyl Acetate	7.345	43	48584	7.446	ug/l	99
38) Carbon Tetrachloride	8.016	117	31201	7.272	ug/l #	16
39) Methylcyclohexane	9.392	83	116256	23.644	ug/l	89
40) Benzene	8.392	78	46889	3.657	ug/l	98
43) Isopropyl Acetate	8.492	43	200309	21.476	ug/l #	87
45) 1,2-Dichloropropane	9.392	63	1136	0.347	ug/l #	1
47) Bromodichloromethane	9.681	83	1421	0.323	ug/l #	26
48) Methyl methacrylate	9.469	41	23326	5.478	ug/l #	29
49) 1,4-Dioxane	9.563	88	486	5.072	ug/l #	1
51) 4-Methyl-2-Pentanone	10.375	43	14308	2.352	ug/l	91
52) Toluene	10.439	92	95690	12.157	ug/l	99
54) cis-1,3-Dichloropropene	10.181	75	69703	13.475	ug/l #	64
55) 1,1,2-Trichloroethane	10.810	97	29069	8.411	ug/l #	20
56) Ethyl methacrylate	10.716	69	12477	2.252	ug/l #	1
57) 1,3-Dichloropropane	11.028	76	14807	2.583	ug/l #	42
59) 2-Hexanone	11.028	43	224729	47.772	ug/l #	50
67) Ethyl Benzene	11.780	91	167310	11.147	ug/l	98
68) m/p-Xylenes	11.886	106	257379	43.719	ug/l	98
69) o-Xylene	12.216	106	166813	28.357	ug/l	97
70) Styrene	12.216	104	9756	1.033	ug/l #	1
71) Bromoform	12.663	173	1944	0.794	ug/l #	28
73) Isopropylbenzene	12.516	105	76243	4.356	ug/l	97

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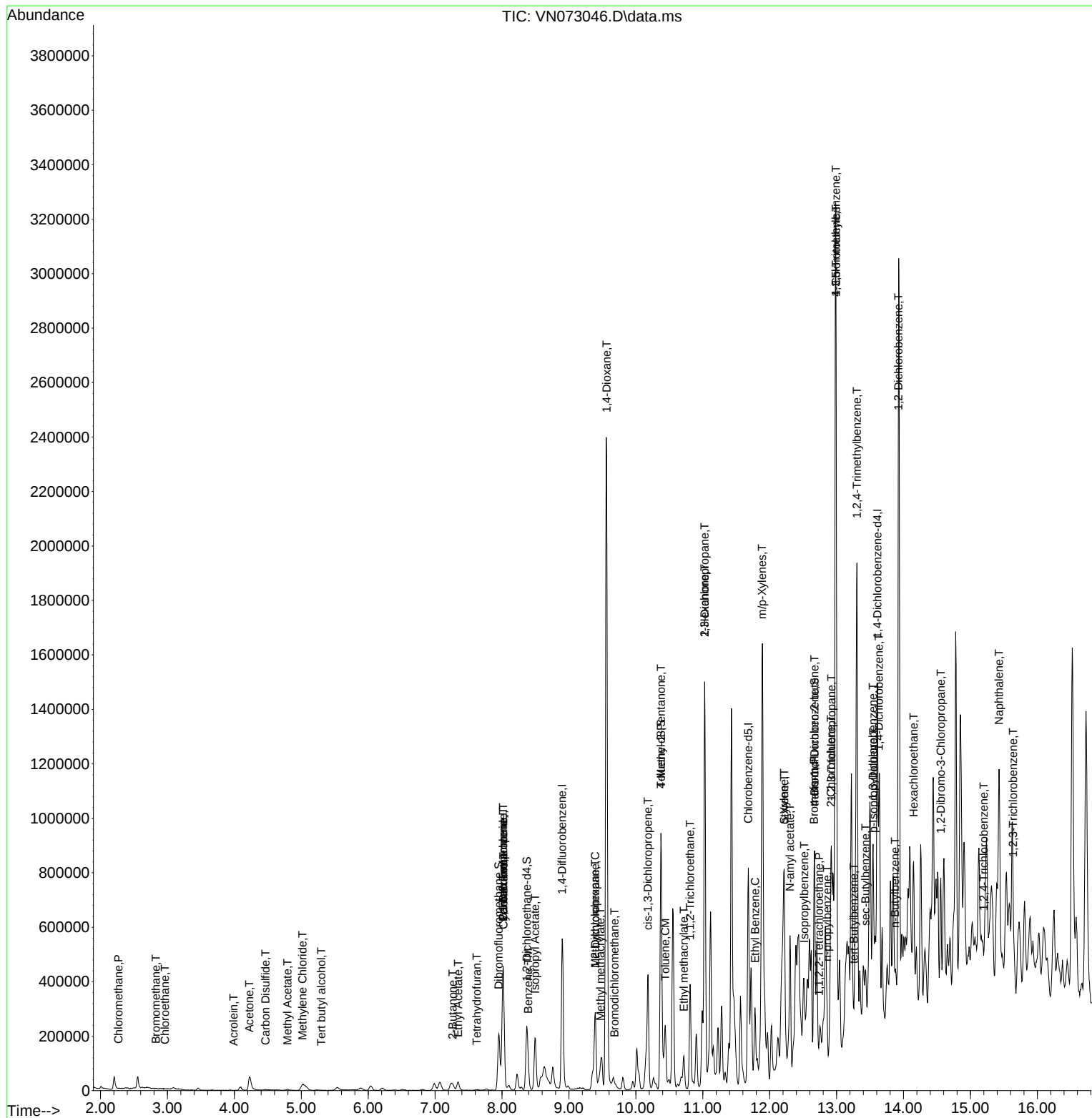
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) N-amyl acetate	12.304	43	136415	15.020	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.739	83	3728	0.591	ug/l #	25
76) 1,2,3-Trichloropropane	12.922	75	4550	0.830	ug/l #	1
78) n-propylbenzene	12.857	91	131392	6.825	ug/l	97
79) 2-Chlorotoluene	12.916	91	67401	5.407	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.992	105	348446	24.239	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.669	75	121767	59.957	ug/l #	12
82) 4-Chlorotoluene	12.992	91	38896	3.298	ug/l #	48
83) tert-Butylbenzene	13.257	119	5629	0.428	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	891663	62.274	ug/l	98
85) sec-Butylbenzene	13.433	105	68169	3.881	ug/l #	72
86) p-Isopropyltoluene	13.551	119	144391	10.154	ug/l	99
87) 1,3-Dichlorobenzene	13.545	146	2482	0.332	ug/l #	58
88) 1,4-Dichlorobenzene	13.633	146	5105	0.674	ug/l #	1
89) n-Butylbenzene	13.874	91	64450	5.551	ug/l #	74
90) Hexachloroethane	14.151	117	20985	7.828	ug/l #	9
91) 1,2-Dichlorobenzene	13.921	146	30190	3.867	ug/l #	30
92) 1,2-Dibromo-3-Chloropr...	14.557	75	895	0.481	ug/l #	25
93) 1,2,4-Trichlorobenzene	15.198	180	2305	0.534	ug/l #	1
95) Naphthalene	15.427	128	648811	37.126	ug/l	98
96) 1,2,3-Trichlorobenzene	15.639	180	2543	0.551	ug/l #	32

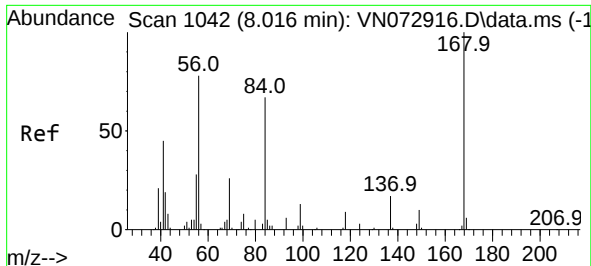
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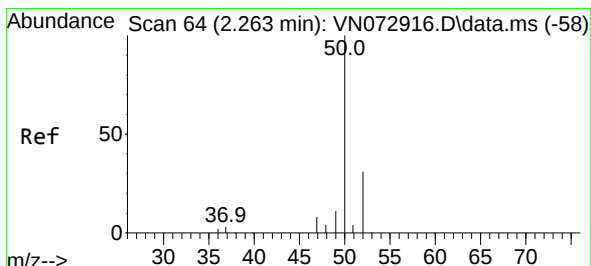
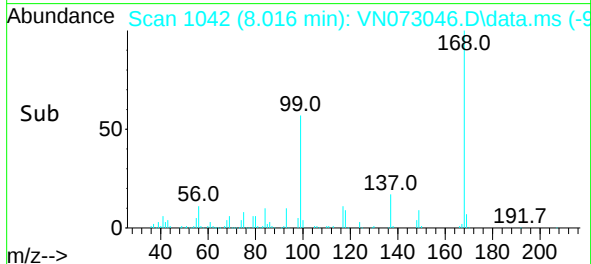
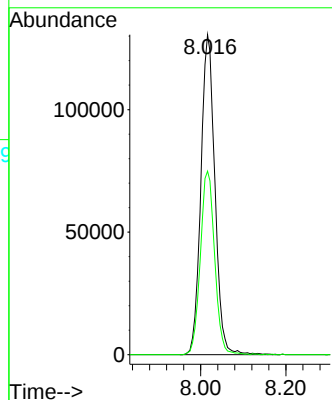
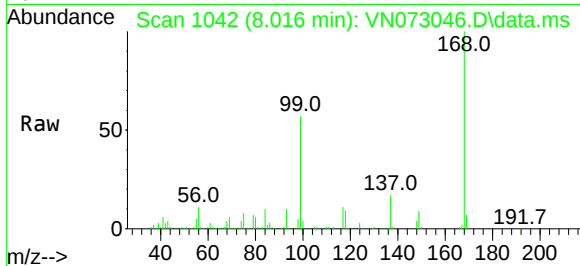




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

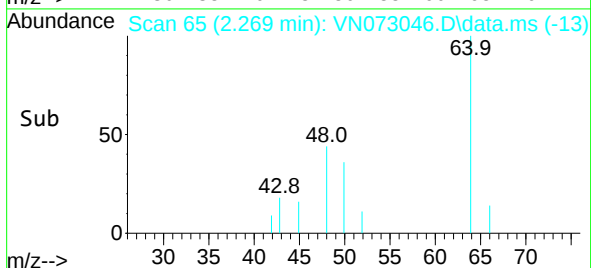
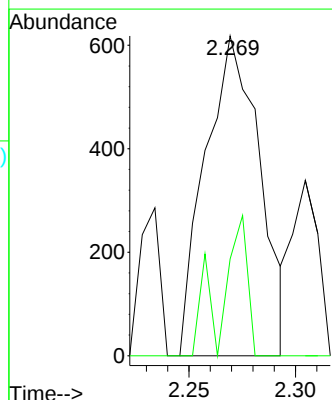
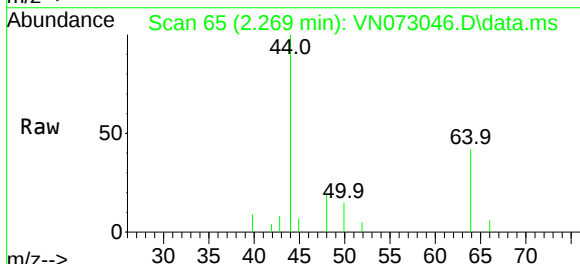
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ClientSampleId :
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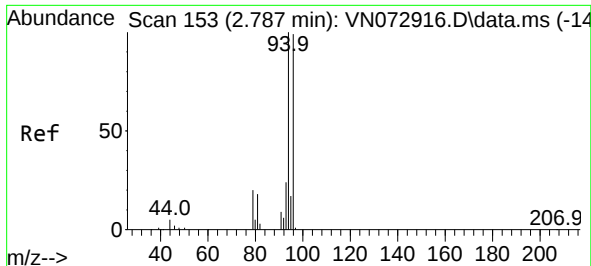
Tgt Ion:168 Resp: 298120
Ion Ratio Lower Upper
168 100
99 57.4 42.3 63.5



#3
Chloromethane
Concen: 0.927 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

Tgt Ion: 50 Resp: 1103
Ion Ratio Lower Upper
50 100
52 30.3 25.7 38.5

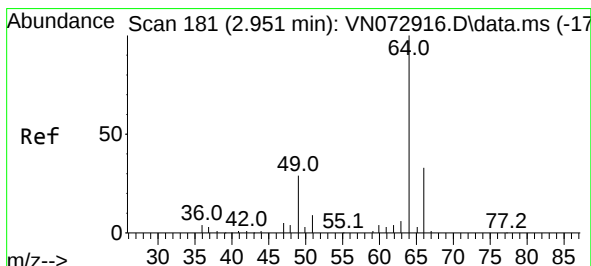
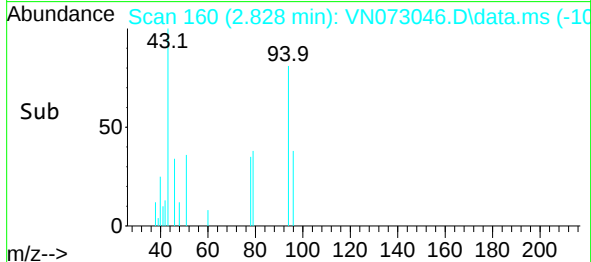
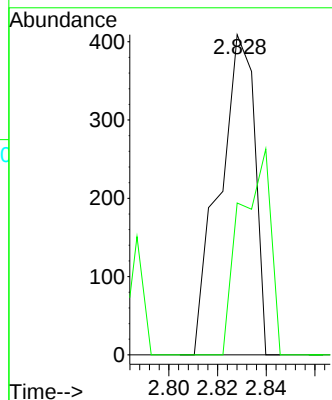
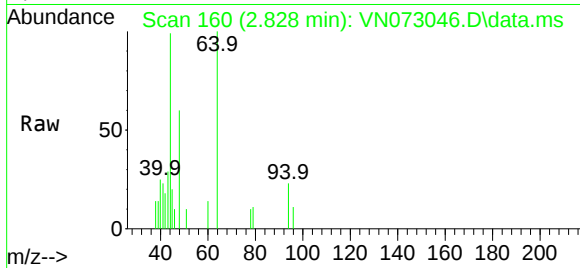




#5
Bromomethane
Concen: 0.411 ug/l
RT: 2.828 min Scan# 1
Delta R.T. 0.041 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

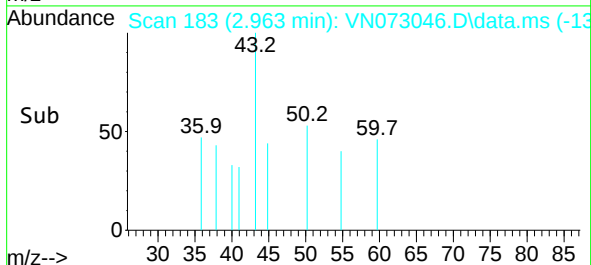
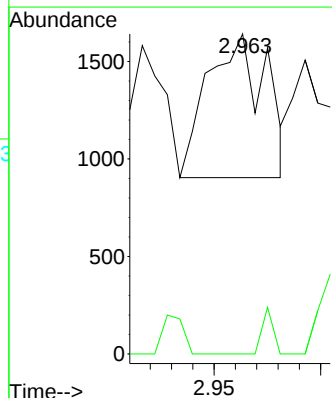
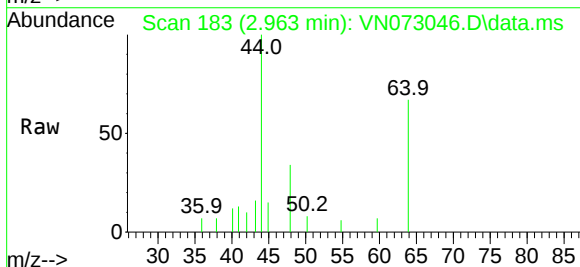
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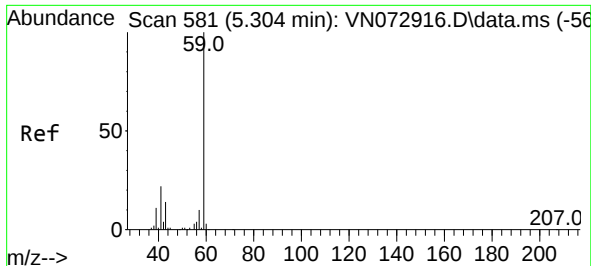
Tgt Ion: 94 Resp: 412
Ion Ratio Lower Upper
94 100
96 47.4 76.0 114.0#



#6
Chloroethane
Concen: 0.872 ug/l
RT: 2.963 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

Tgt Ion: 64 Resp: 1388
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

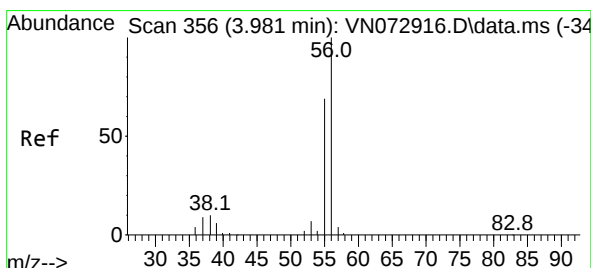
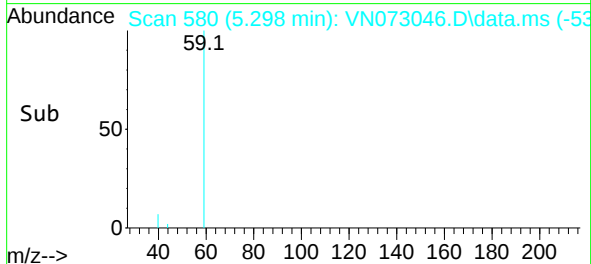
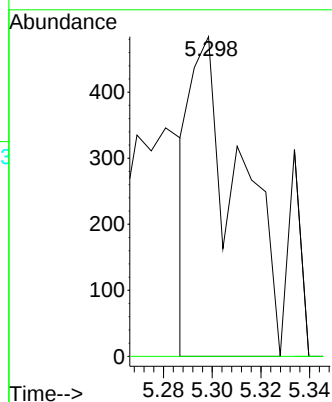
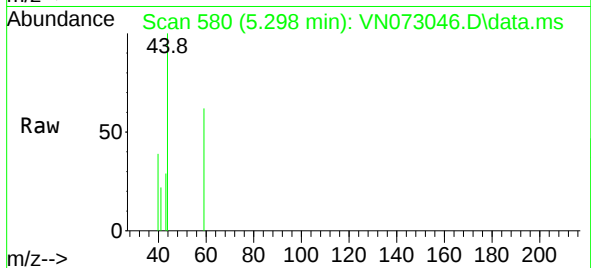




#11
Tert butyl alcohol
Concen: 0.650 ug/l
RT: 5.298 min Scan# 581
Delta R.T. -0.006 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

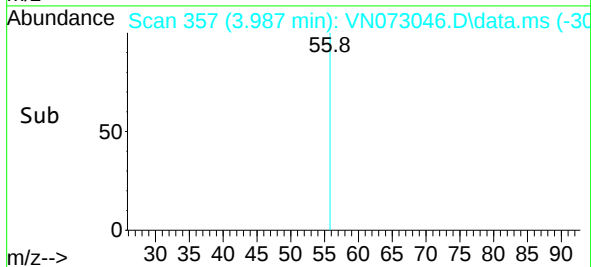
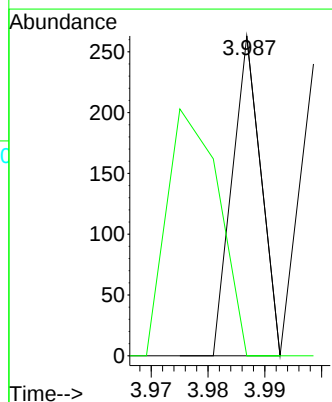
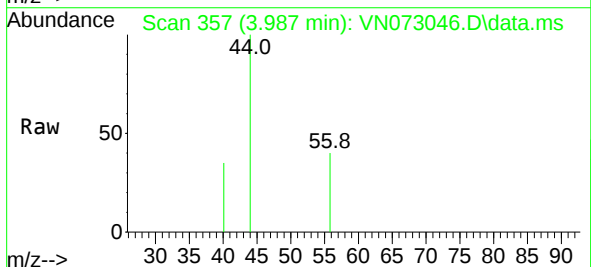
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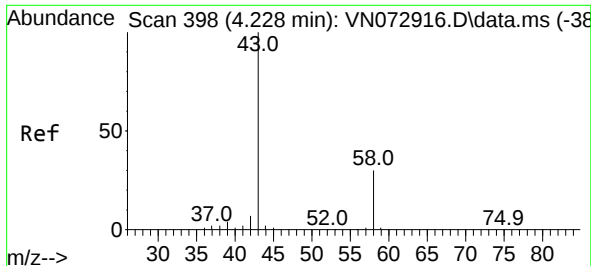
Tgt Ion: 59 Resp: 677
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 0.227 ug/l
RT: 3.987 min Scan# 357
Delta R.T. 0.006 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

Tgt Ion: 56 Resp: 93
Ion Ratio Lower Upper
56 100
55 138.7 54.8 82.2#

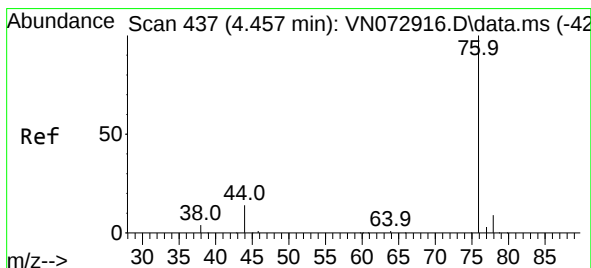
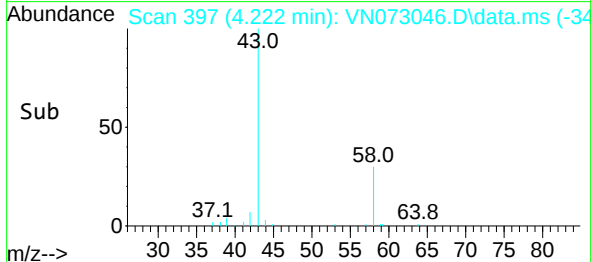
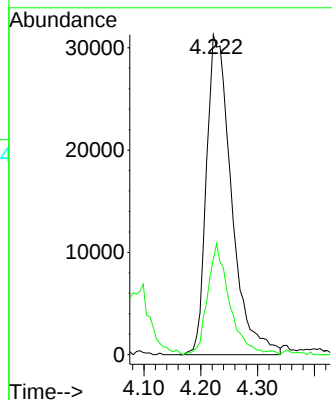
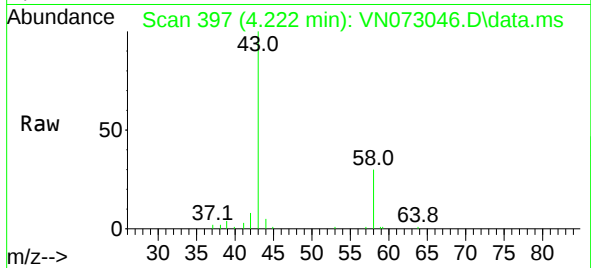




#16
Acetone
Concen: 43.151 ug/l
RT: 4.222 min Scan# 398
Delta R.T. -0.006 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

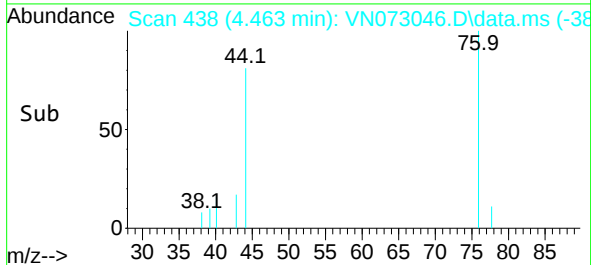
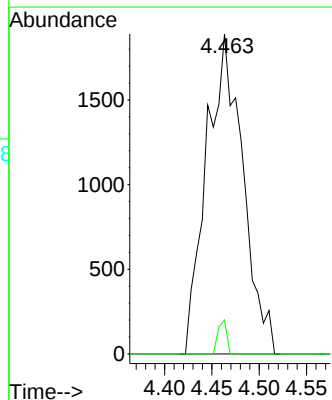
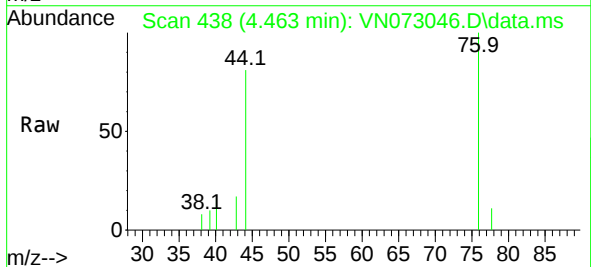
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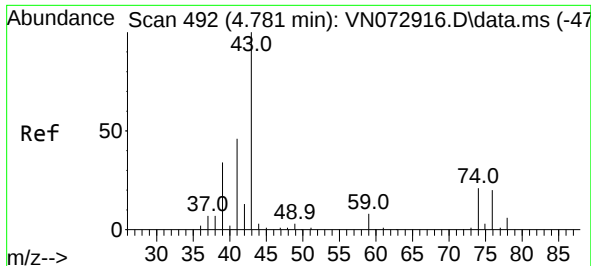
Tgt Ion: 43 Resp: 95602
Ion Ratio Lower Upper
43 100
58 30.0 26.0 39.0



#17
Carbon Disulfide
Concen: 0.689 ug/l
RT: 4.463 min Scan# 438
Delta R.T. 0.006 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

Tgt Ion: 76 Resp: 5041
Ion Ratio Lower Upper
76 100
78 10.6 7.2 10.8

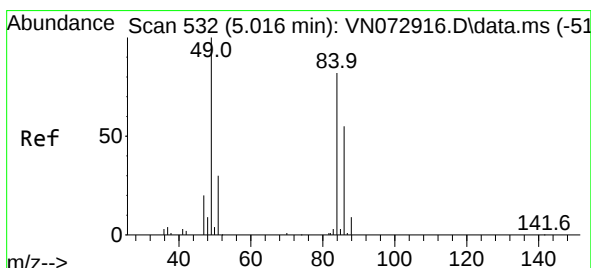
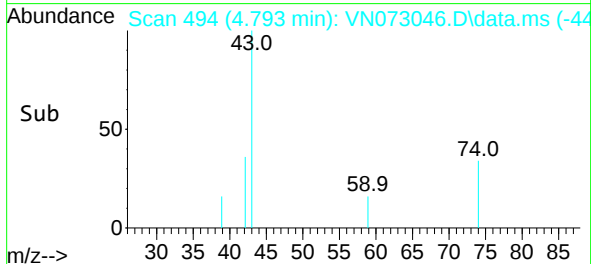
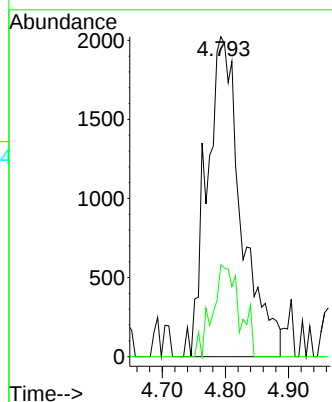
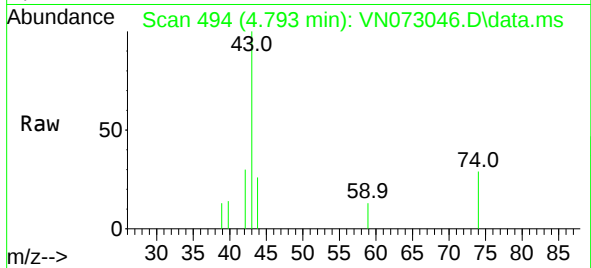




#18
Methyl Acetate
Concen: 1.305 ug/l
RT: 4.793 min Scan# 492
Delta R.T. 0.012 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

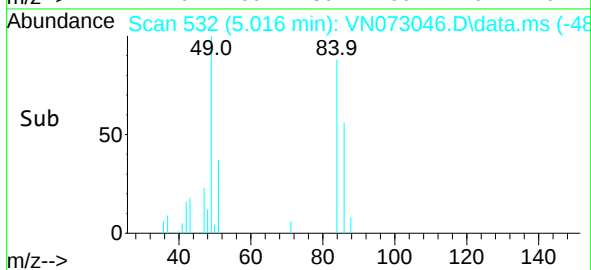
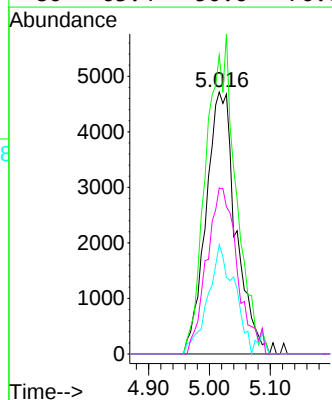
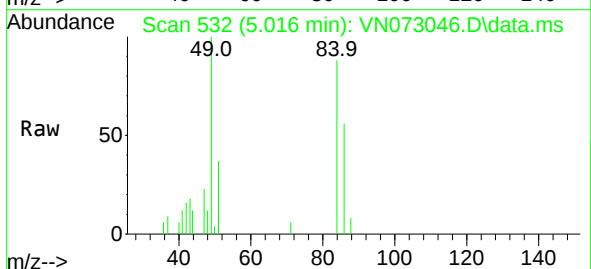
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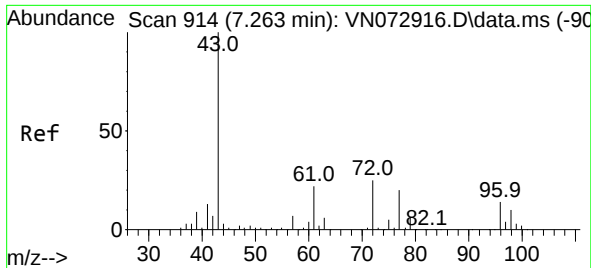
Tgt Ion: 43 Resp: 7698
Ion Ratio Lower Upper
43 100
74 20.8 21.6 32.4#



#20
Methylene Chloride
Concen: 4.478 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.000 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

Tgt Ion: 84 Resp: 16146
Ion Ratio Lower Upper
84 100
49 114.0 88.3 132.5
51 41.7 28.2 42.2
86 63.4 50.6 76.0

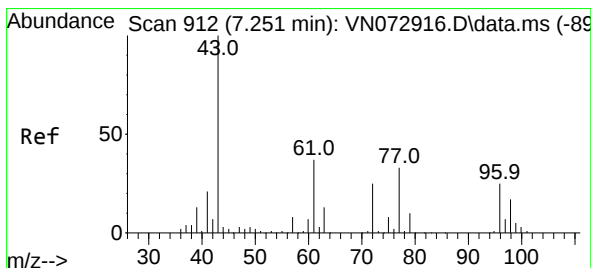
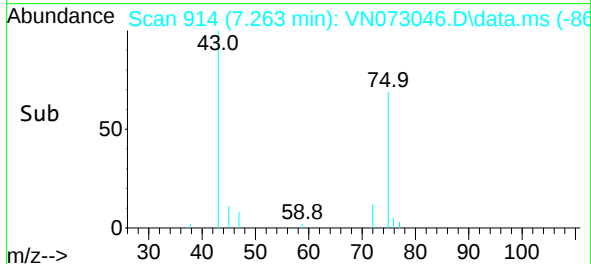
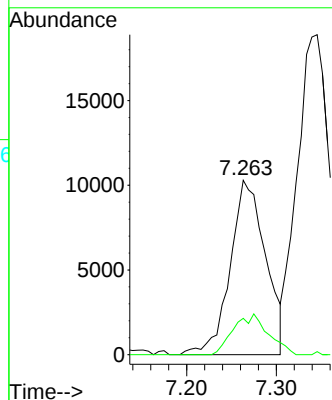
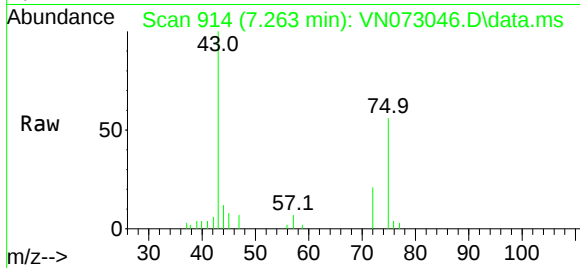




#25
2-Butanone
Concen: 8.038 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.000 min
Lab File: VN073046.D
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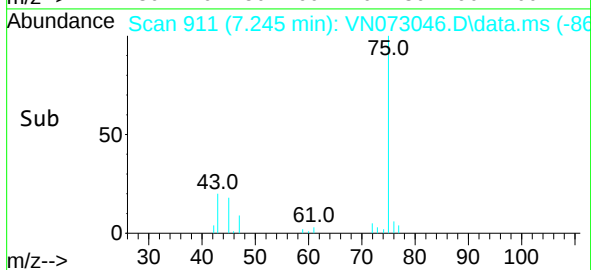
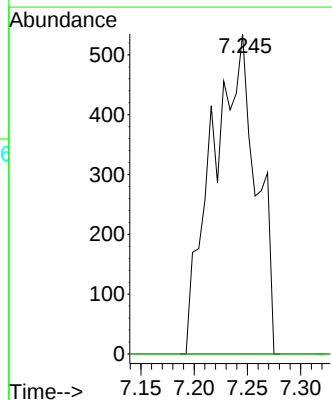
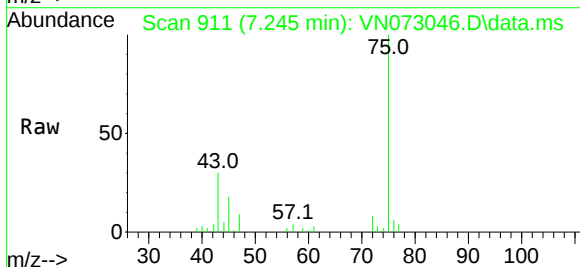
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-12

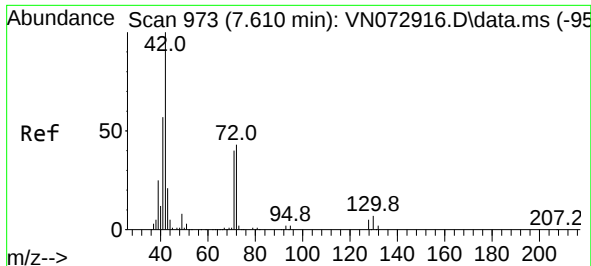
Tgt Ion: 43 Resp: 28258
Ion Ratio Lower Upper
43 100
72 20.9 23.7 35.5#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

Tgt Ion: 77 Resp: 1533
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#

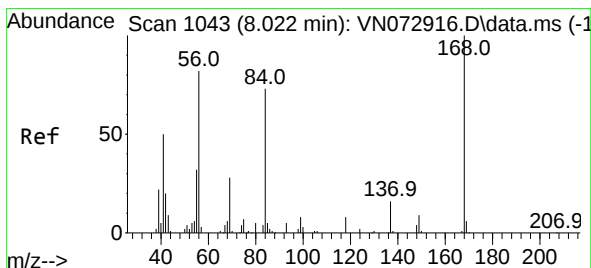
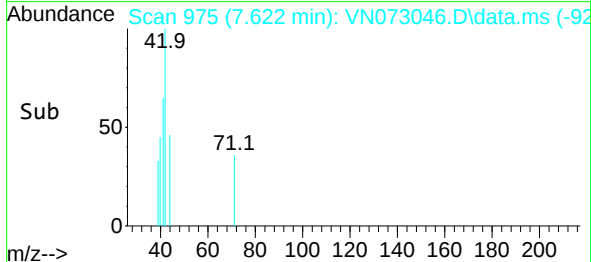
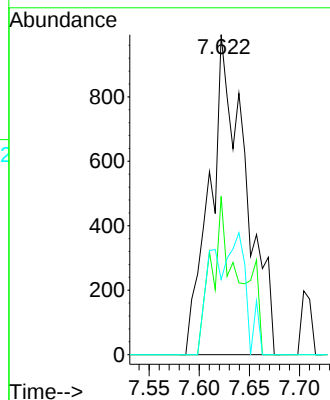
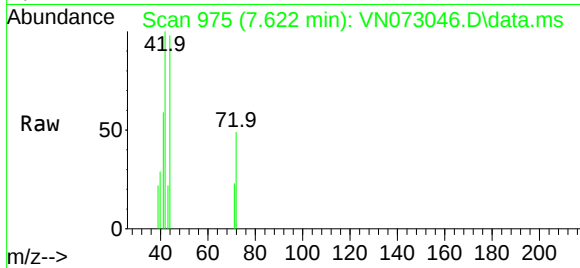




#29
Tetrahydrofuran
Concen: 1.055 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

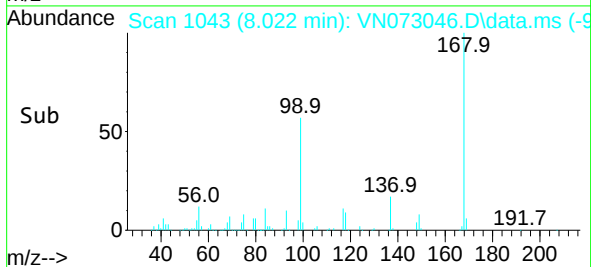
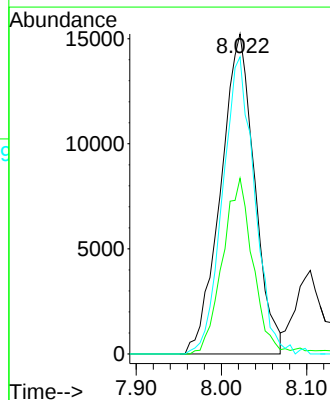
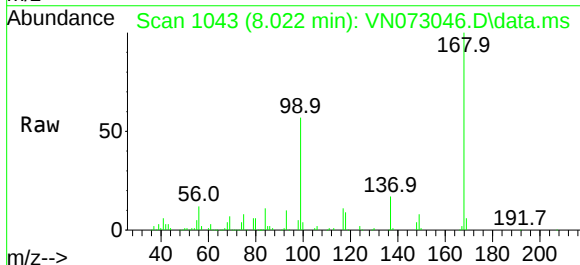
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-12

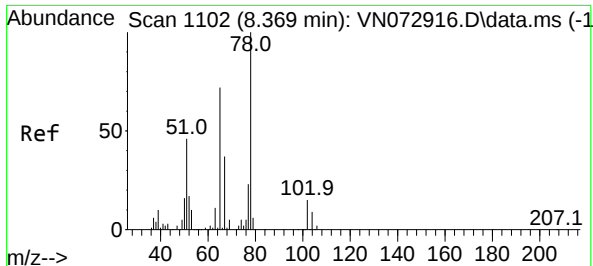
Tgt Ion: 42 Resp: 2450
Ion Ratio Lower Upper
42 100
72 38.4 39.7 59.5#
71 15.0 36.6 55.0#



#31
Cyclohexane
Concen: 7.710 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

Tgt Ion: 56 Resp: 42033
Ion Ratio Lower Upper
56 100
69 54.9 27.8 41.8#
84 92.8 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 44.733 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073046.D

Acq: 23 Jun 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

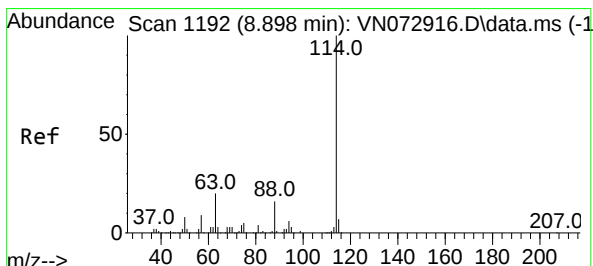
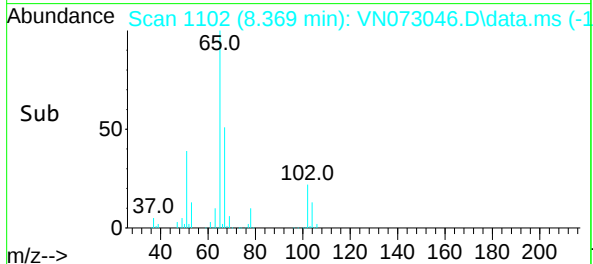
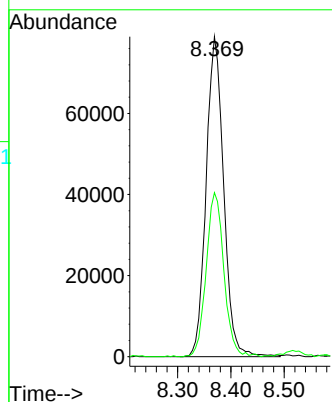
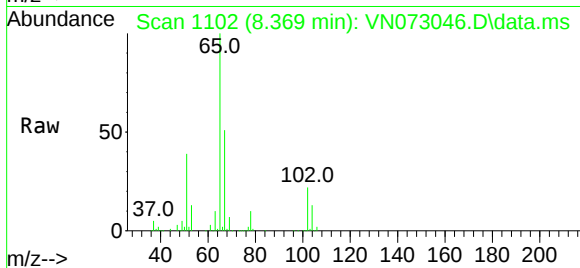
WC-14A-1A-12

Tgt Ion: 65 Resp: 180298

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073046.D

Acq: 23 Jun 2022 14:14

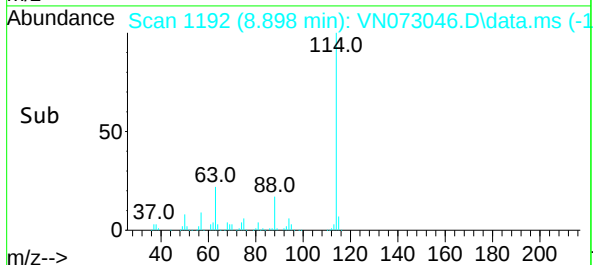
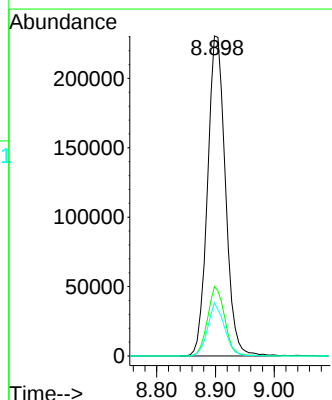
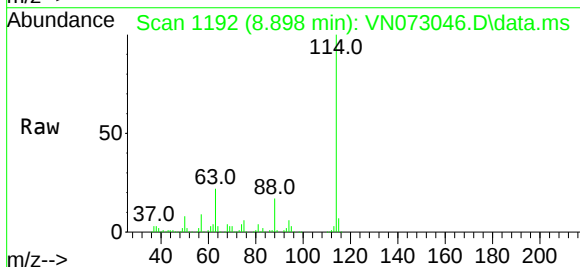
Tgt Ion: 114 Resp: 487749

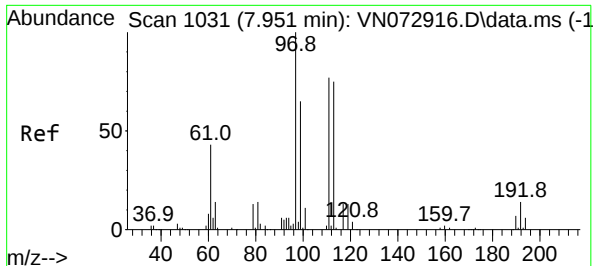
Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

88 16.6 0.0 32.6

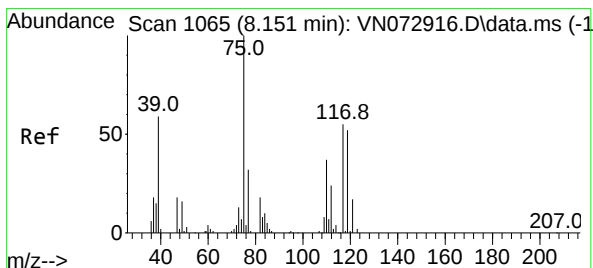
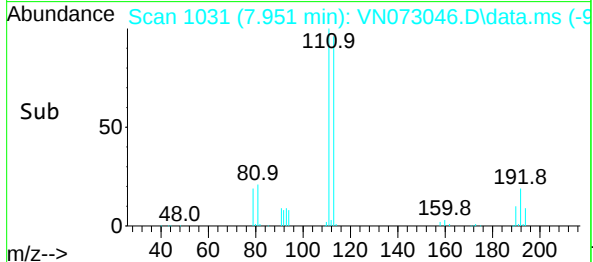
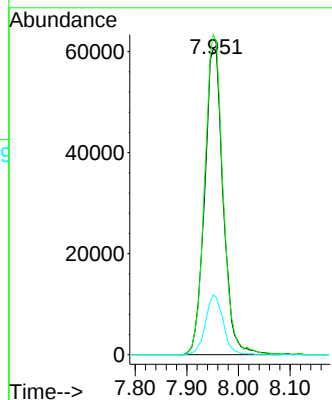
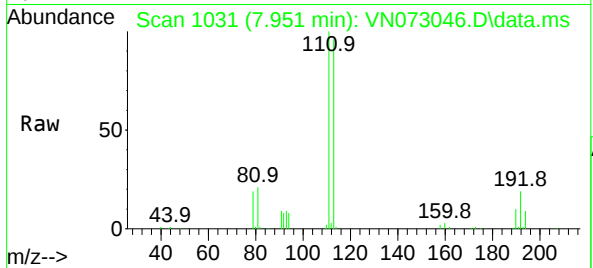




#35
Dibromofluoromethane
Concen: 50.238 ug/l
RT: 7.951 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

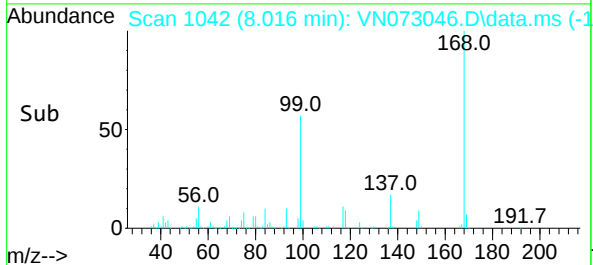
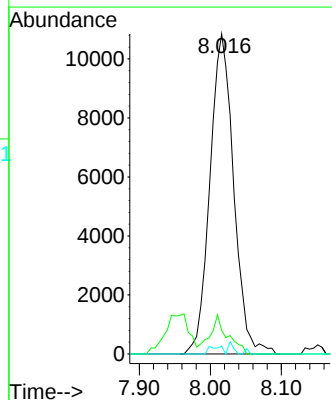
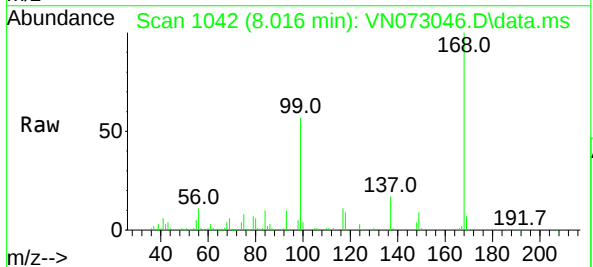
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-12

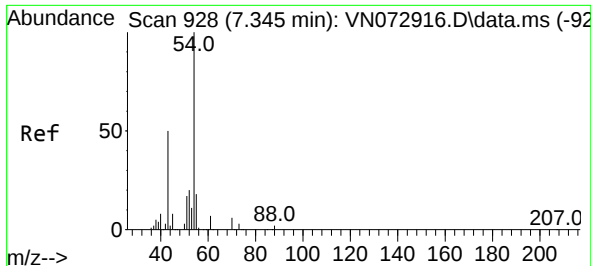
Tgt Ion:113 Resp: 151454
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.0
192 18.7 17.0 25.6



#36
1,1-Dichloropropene
Concen: 6.170 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

Tgt Ion: 75 Resp: 25171
Ion Ratio Lower Upper
75 100
110 8.7 18.3 54.8#
77 0.0 25.1 37.7#

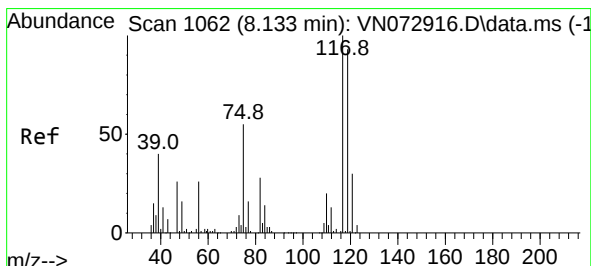
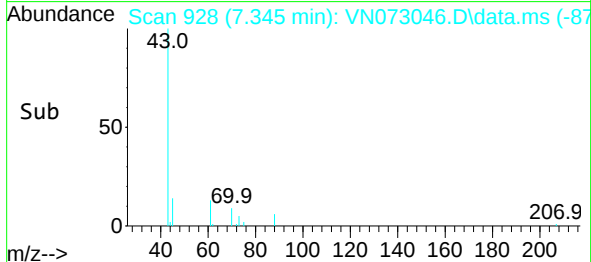
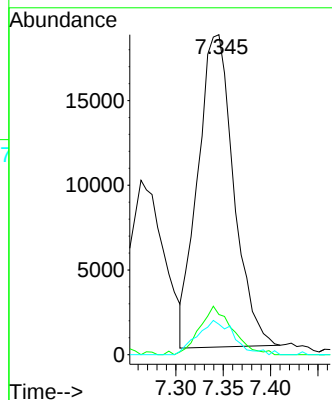
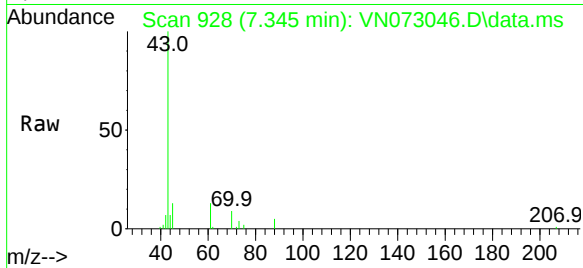




#37
Ethyl Acetate
Concen: 7.446 ug/l
RT: 7.345 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

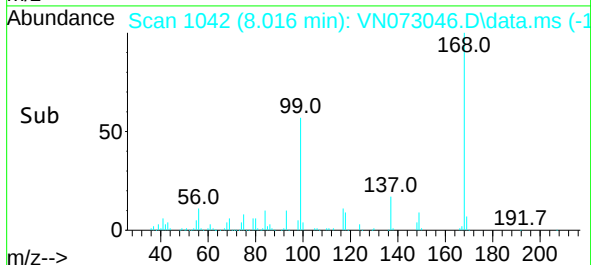
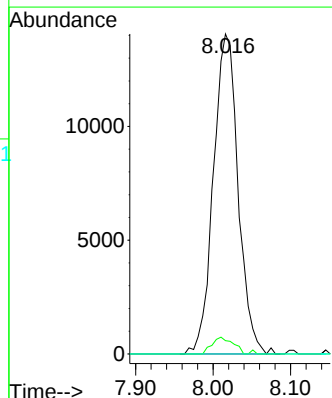
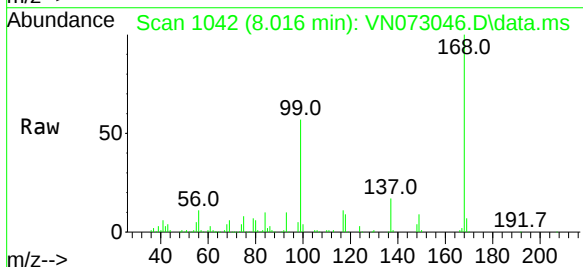
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-12

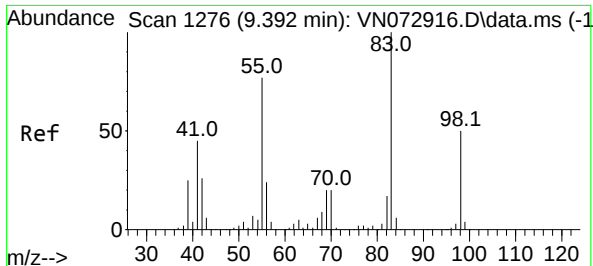
Tgt Ion:	43	Resp:	48584
Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.8	17.6
70	11.2	9.3	13.9



#38
Carbon Tetrachloride
Concen: 7.272 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

Tgt Ion:	117	Resp:	31201
Ion	Ratio	Lower	Upper
117	100		
119	4.1	75.8	113.8#
121	0.0	24.6	37.0#





#39

Methylcyclohexane

Concen: 23.644 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN073046.D

Acq: 23 Jun 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-12

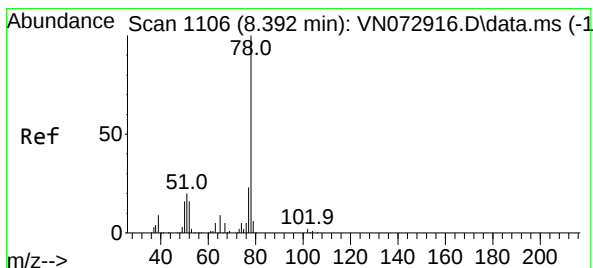
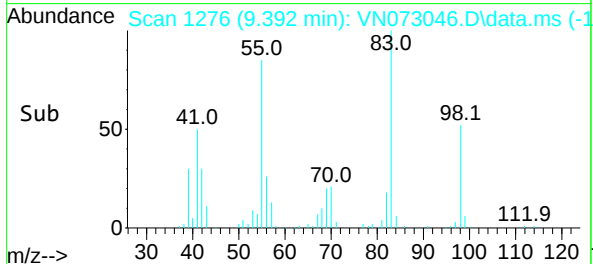
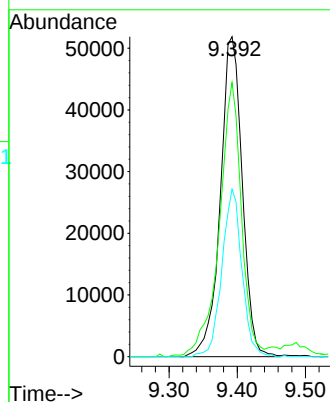
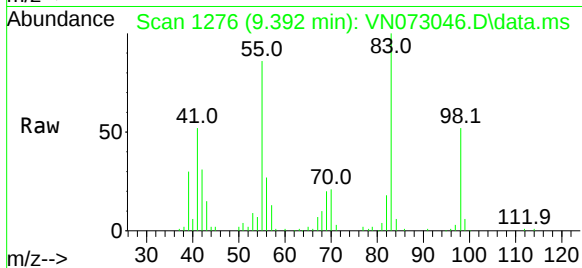
Tgt Ion: 83 Resp: 116256

Ion Ratio Lower Upper

83 100

55 85.2 57.8 86.8

98 52.4 39.4 59.2



#40

Benzene

Concen: 3.657 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN073046.D

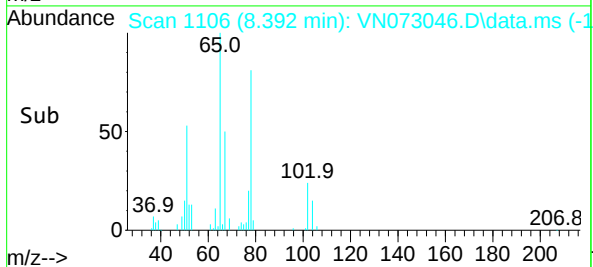
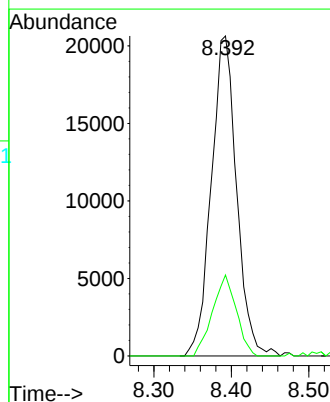
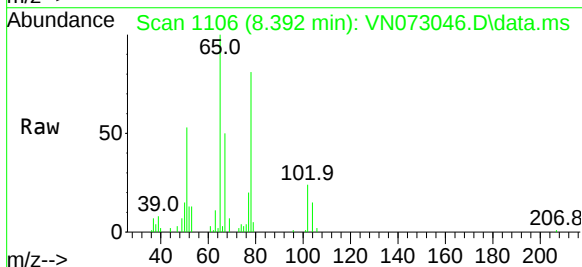
Acq: 23 Jun 2022 14:14

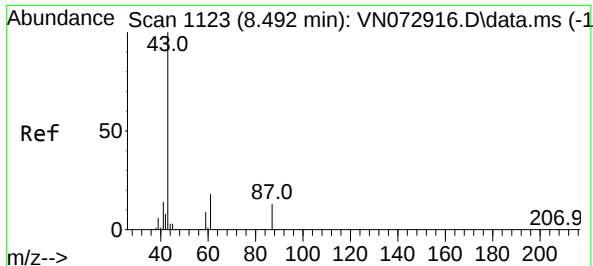
Tgt Ion: 78 Resp: 46889

Ion Ratio Lower Upper

78 100

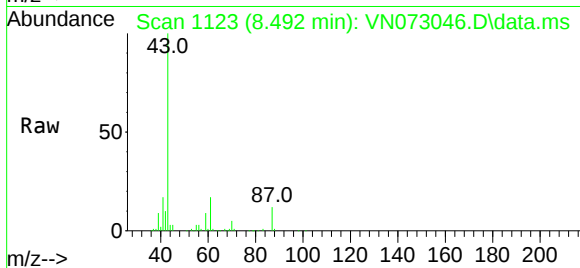
77 25.3 19.4 29.0



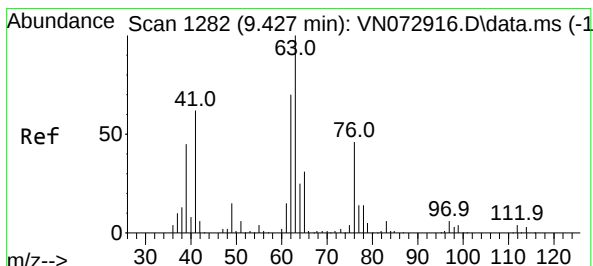
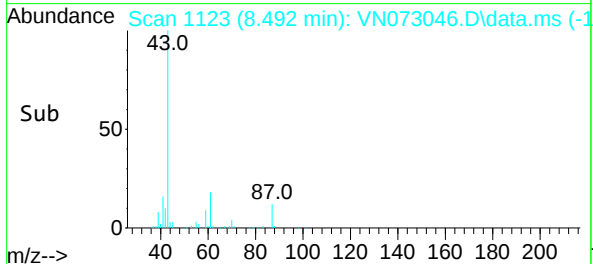
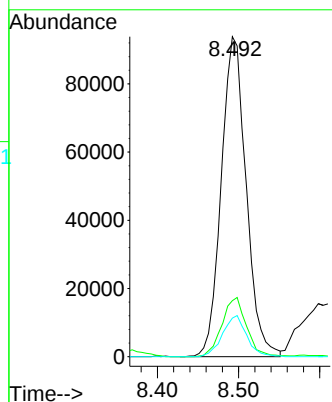


#43
Isopropyl Acetate
Concen: 21.476 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-12

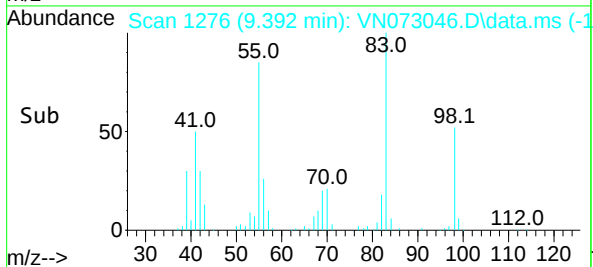
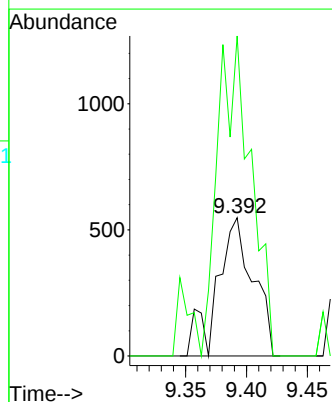
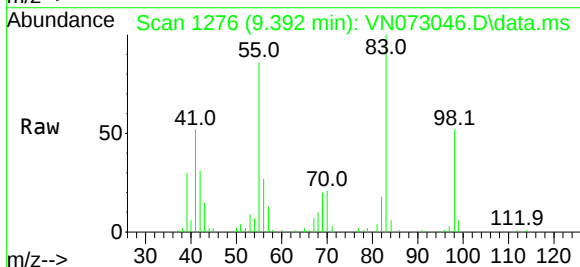


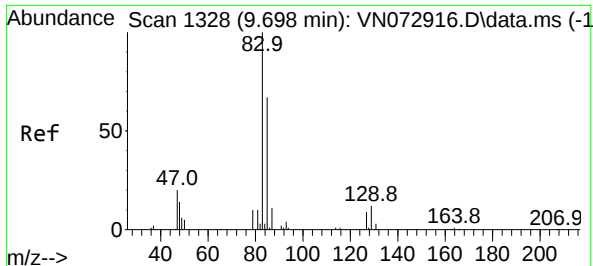
Tgt Ion: 43 Resp: 200309
Ion Ratio Lower Upper
43 100
61 18.3 21.9 32.9#
87 12.4 12.0 18.0



#45
1,2-Dichloropropane
Concen: 0.347 ug/l
RT: 9.392 min Scan# 1276
Delta R.T. -0.035 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

Tgt Ion: 63 Resp: 1136
Ion Ratio Lower Upper
63 100
65 231.6 24.9 37.3#

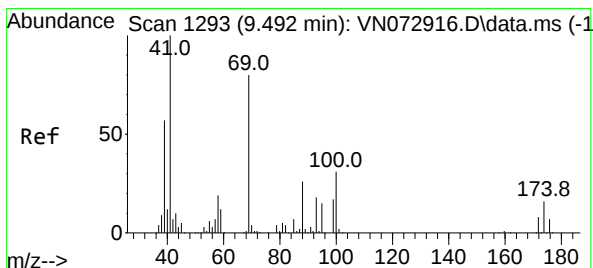
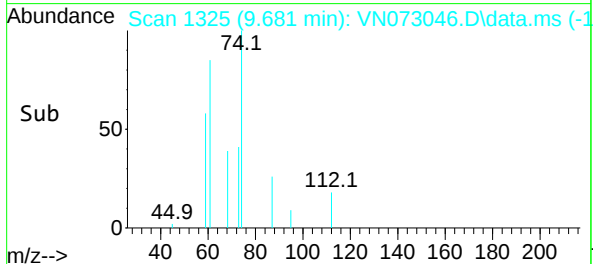
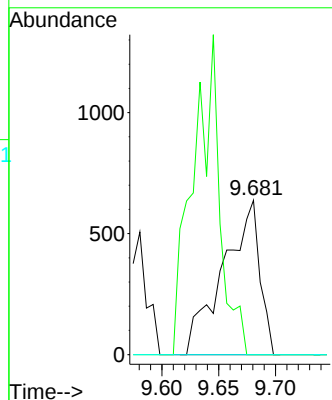
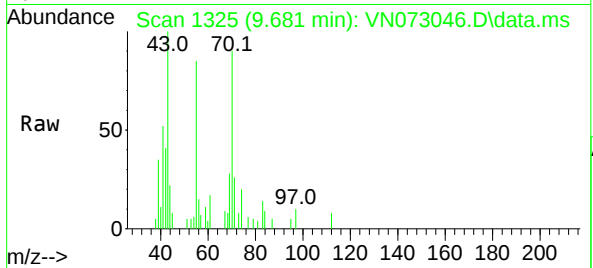




#47
Bromodichloromethane
Concen: 0.323 ug/l
RT: 9.681 min Scan# 11
Delta R.T. -0.017 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

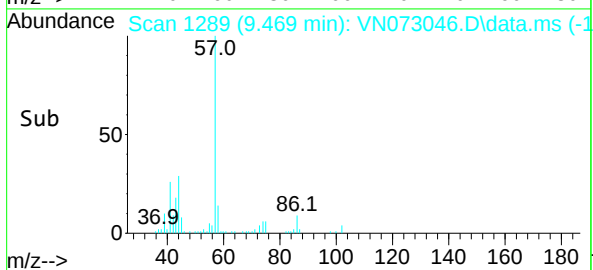
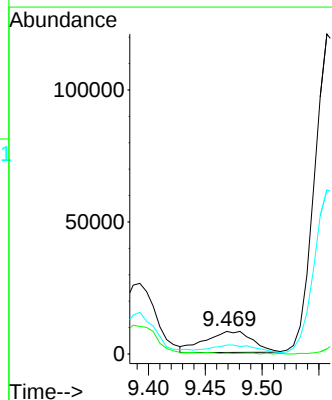
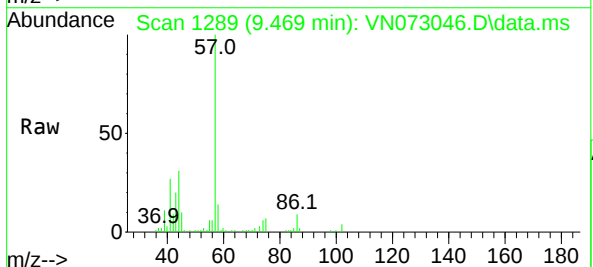
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-12

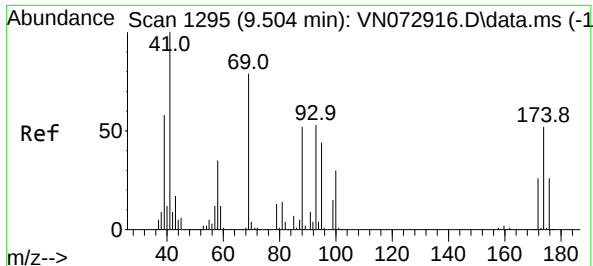
Tgt Ion: 83 Resp: 1421
Ion Ratio Lower Upper
83 100
85 0.0 50.5 75.7#
127 0.0 6.8 10.2#



#48
Methyl methacrylate
Concen: 5.478 ug/l
RT: 9.469 min Scan# 1289
Delta R.T. -0.023 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

Tgt Ion: 41 Resp: 23326
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 36.9 45.6 68.4#





#49

1,4-Dioxane

Concen: 5.072 ug/l

RT: 9.563 min Scan# 11

Delta R.T. 0.059 min

Lab File: VN073046.D

Acq: 23 Jun 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-12

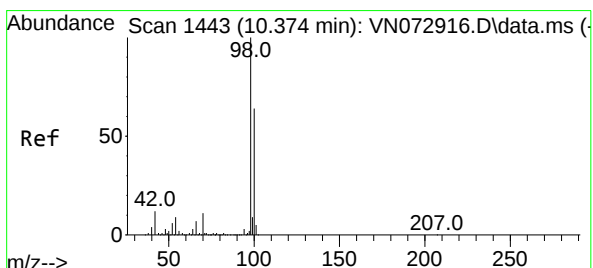
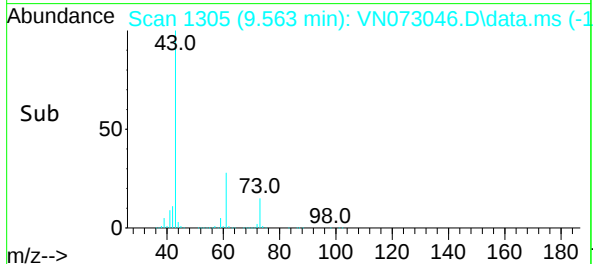
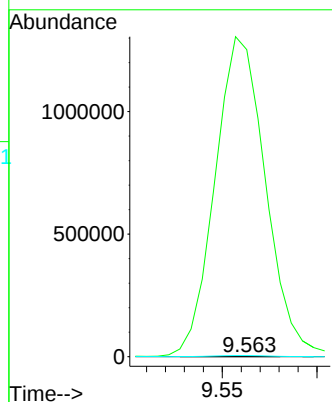
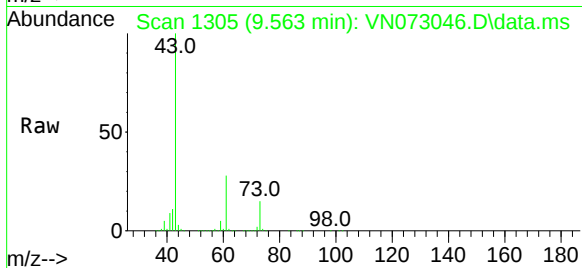
Tgt Ion: 88 Resp: 486

Ion Ratio Lower Upper

88 100

43 506240.9 20.2 30.4#

58 1957.6 54.2 81.4#



#50

Toluene-d8

Concen: 46.160 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN073046.D

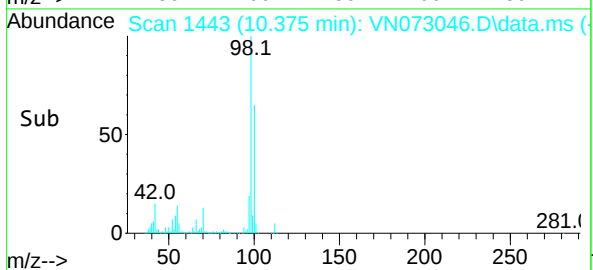
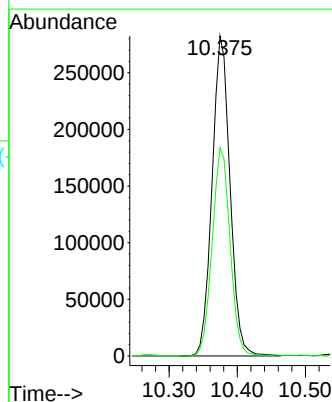
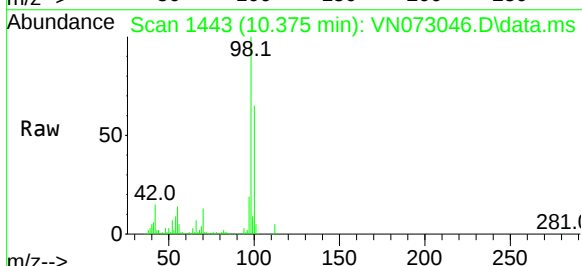
Acq: 23 Jun 2022 14:14

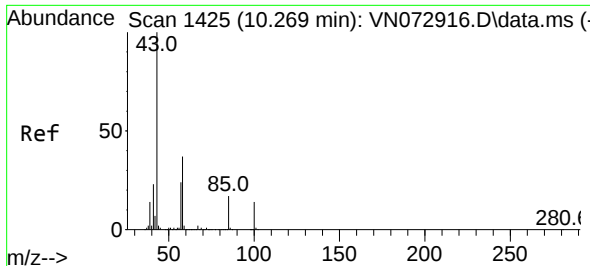
Tgt Ion: 98 Resp: 517813

Ion Ratio Lower Upper

98 100

100 64.9 52.6 78.8

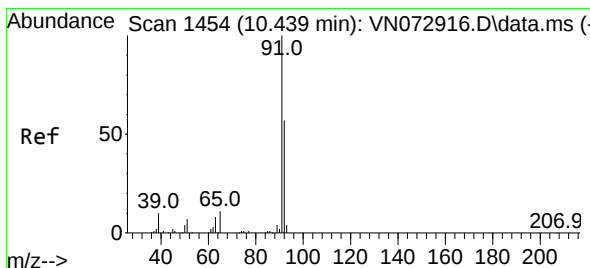
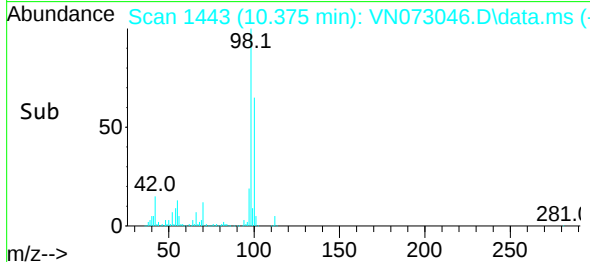
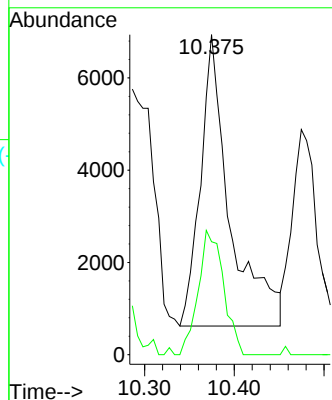
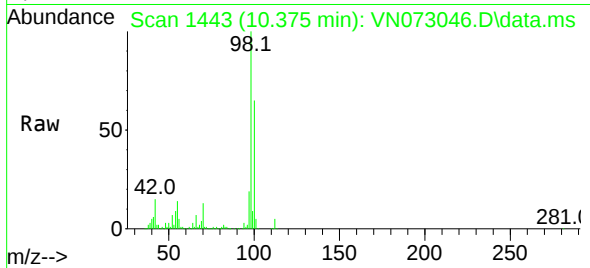




#51
4-Methyl-2-Pentanone
Concen: 2.352 ug/l
RT: 10.375 min Scan# 1425
Delta R.T. 0.106 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

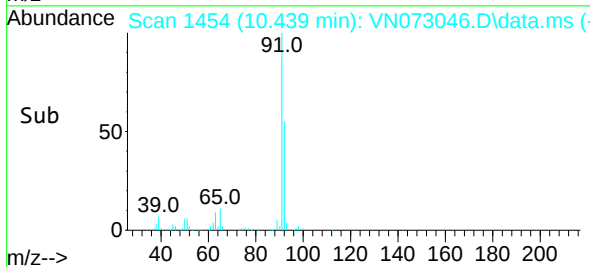
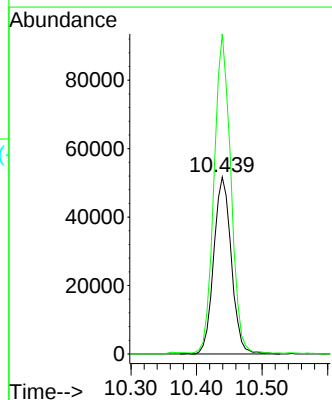
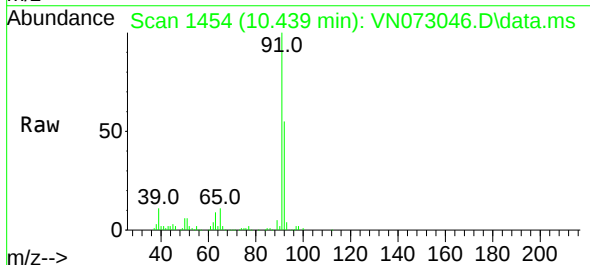
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-12

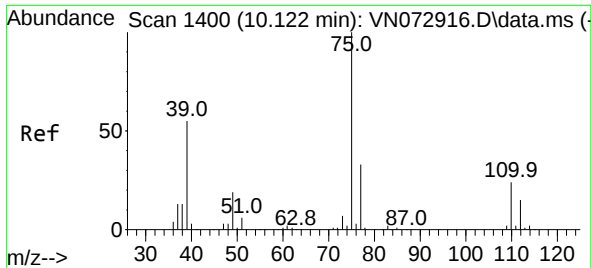
Tgt Ion: 43 Resp: 14308
Ion Ratio Lower Upper
43 100
58 36.8 34.1 51.1



#52
Toluene
Concen: 12.157 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

Tgt Ion: 92 Resp: 95690
Ion Ratio Lower Upper
92 100
91 172.4 138.6 207.8

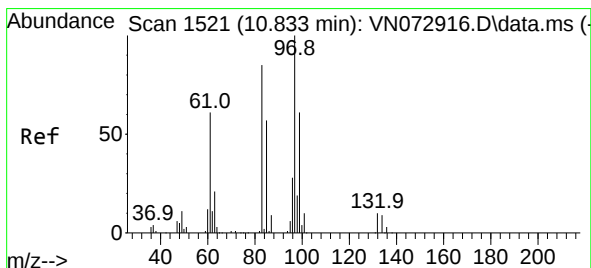
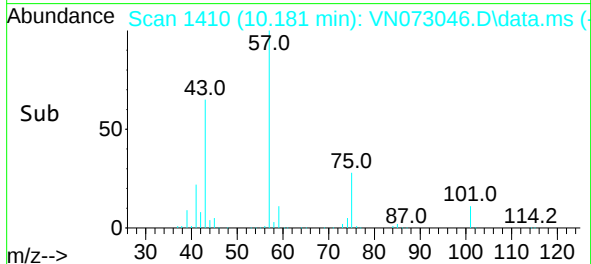
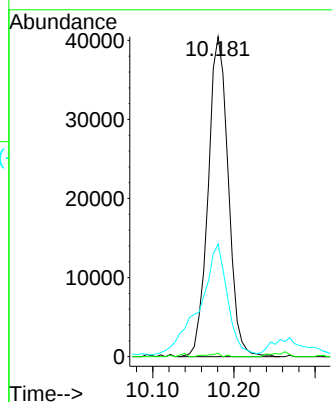
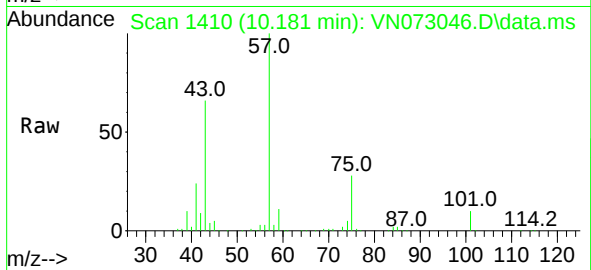




#54
 cis-1,3-Dichloropropene
 Concen: 13.475 ug/l
 RT: 10.181 min Scan# 1400
 Delta R.T. 0.059 min
 Lab File: VN073046.D
 Acq: 23 Jun 2022 14:14

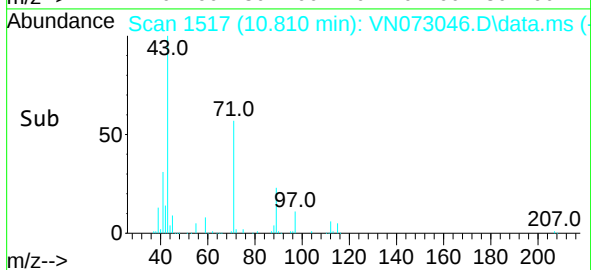
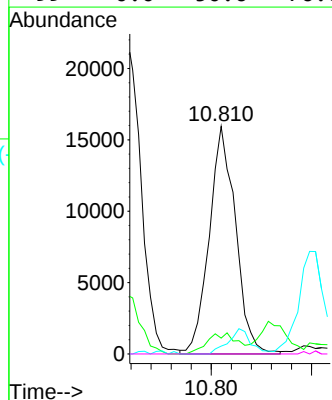
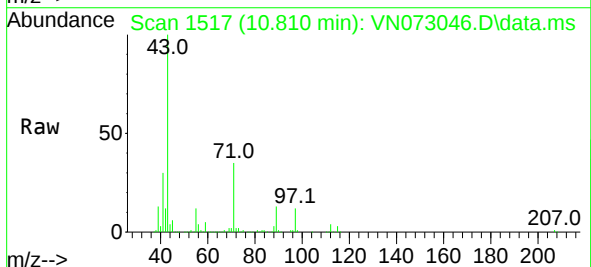
Instrument :
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 ClientSampleId :
 WC-14A-1A-12

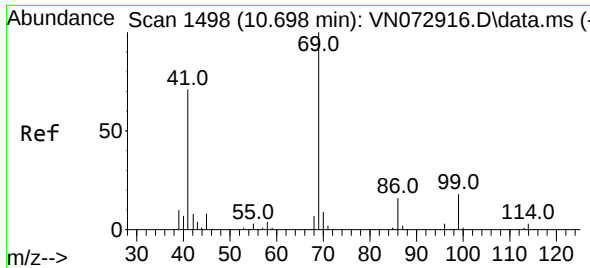
Tgt Ion: 75 Resp: 69703
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.2 37.8#
 39 29.8 35.7 53.5#



#55
 1,1,2-Trichloroethane
 Concen: 8.411 ug/l
 RT: 10.810 min Scan# 1517
 Delta R.T. -0.023 min
 Lab File: VN073046.D
 Acq: 23 Jun 2022 14:14

Tgt Ion: 97 Resp: 29069
 Ion Ratio Lower Upper
 97 100
 83 7.0 66.2 99.4#
 85 3.5 43.9 65.9#
 99 0.0 50.6 76.0#

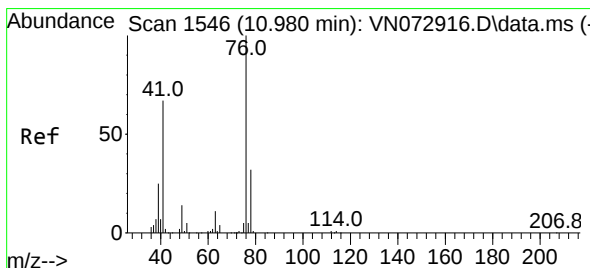
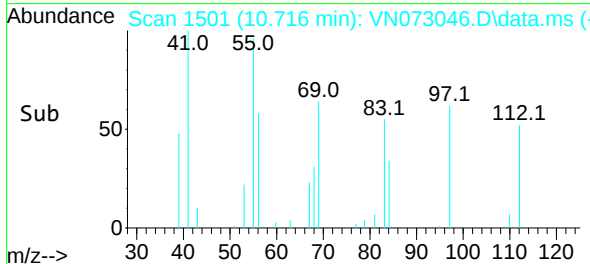
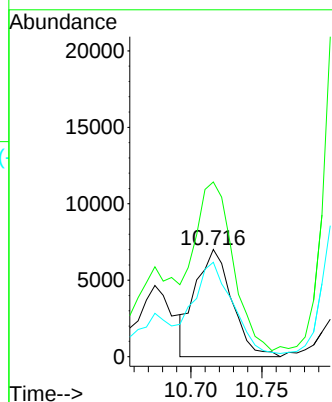
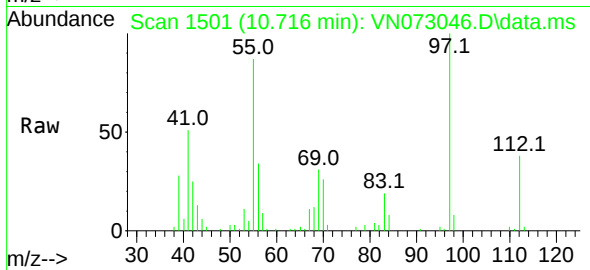




#56
Ethyl methacrylate
Concen: 2.252 ug/l
RT: 10.716 min Scan# 1501
Delta R.T. 0.018 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

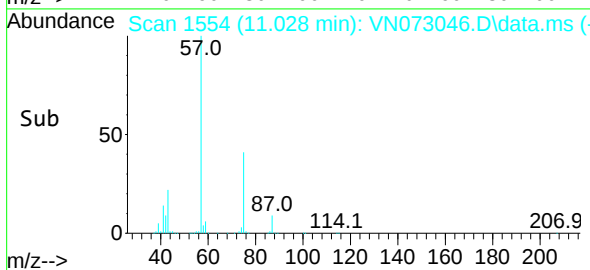
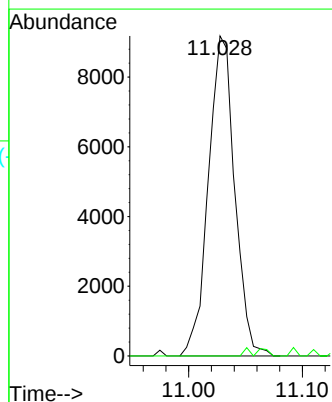
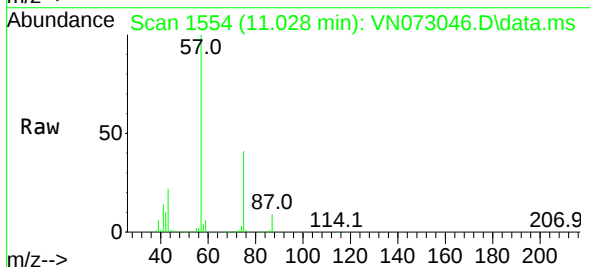
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-12

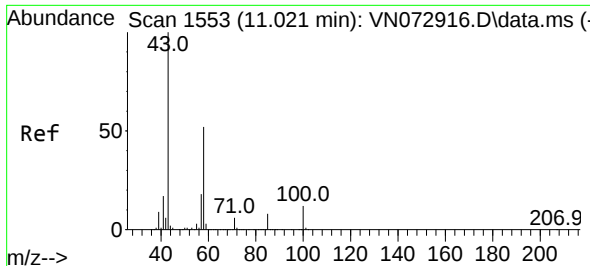
Tgt Ion: 69 Resp: 12477
Ion Ratio Lower Upper
69 100
41 163.6 47.8 71.6#
39 93.4 27.3 40.9#



#57
1,3-Dichloropropane
Concen: 2.583 ug/l
RT: 11.028 min Scan# 1554
Delta R.T. 0.047 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

Tgt Ion: 76 Resp: 14807
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

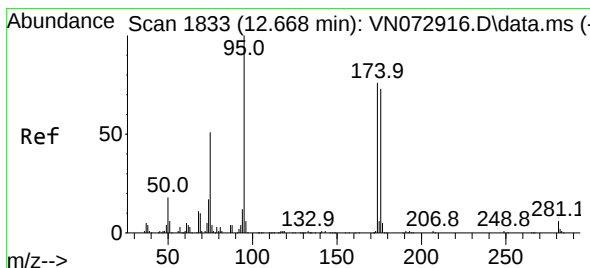
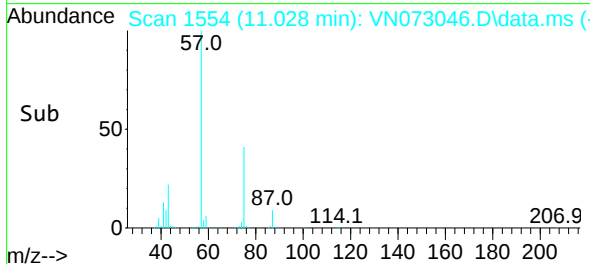
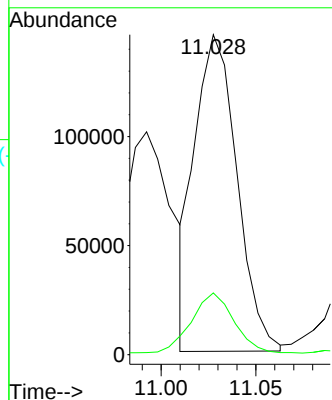
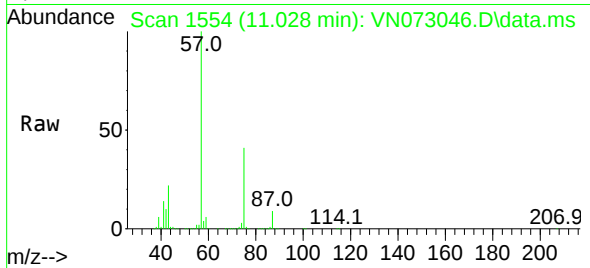




#59
2-Hexanone
Concen: 47.772 ug/l
RT: 11.028 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

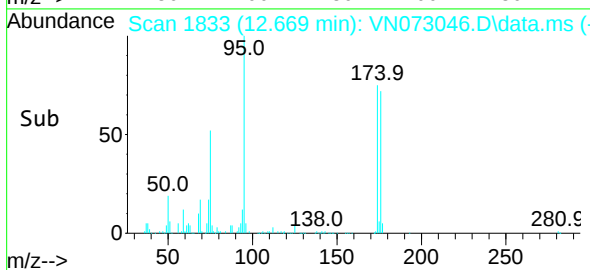
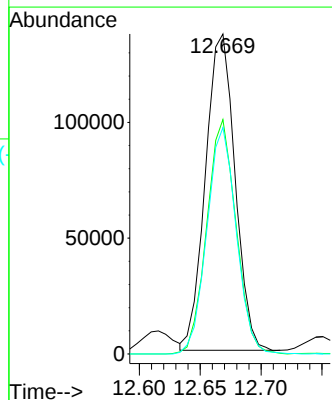
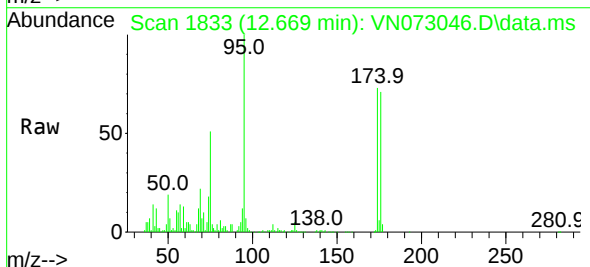
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-12

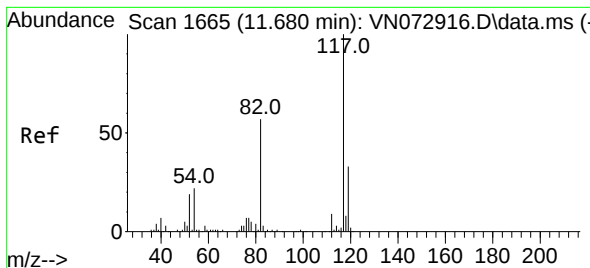
Tgt Ion: 43 Resp: 224729
Ion Ratio Lower Upper
43 100
58 21.4 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 57.288 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

Tgt Ion: 95 Resp: 231086
Ion Ratio Lower Upper
95 100
174 73.3 0.0 167.6
176 71.0 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VN073046.D

Acq: 23 Jun 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-12

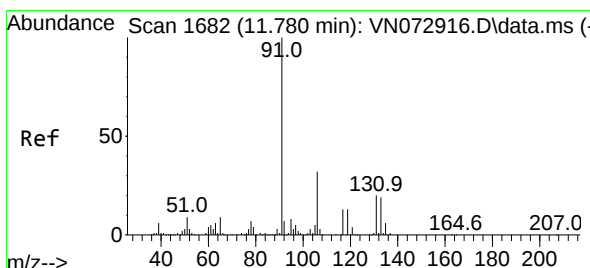
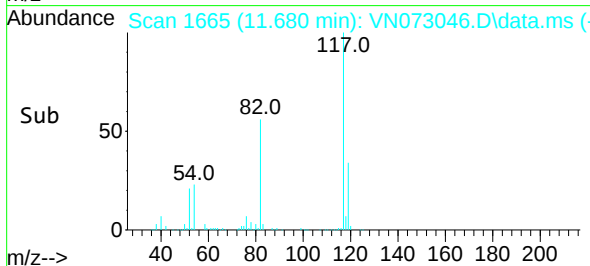
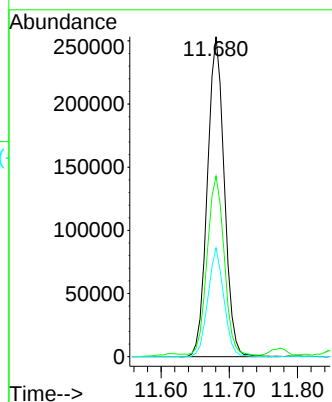
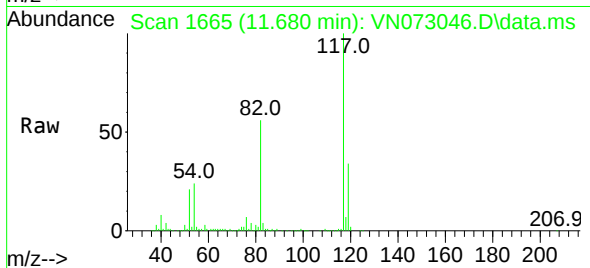
Tgt Ion:117 Resp: 436603

Ion Ratio Lower Upper

117 100

82 55.7 44.2 66.2

119 34.0 25.4 38.0



#67

Ethyl Benzene

Concen: 11.147 ug/l

RT: 11.780 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VN073046.D

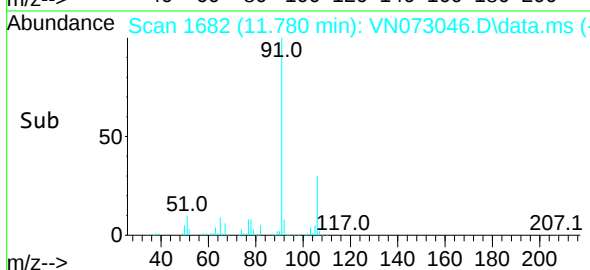
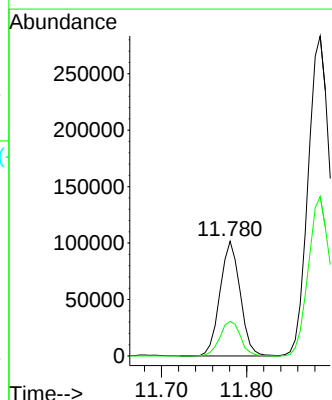
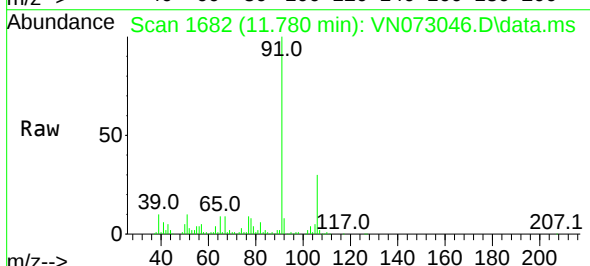
Acq: 23 Jun 2022 14:14

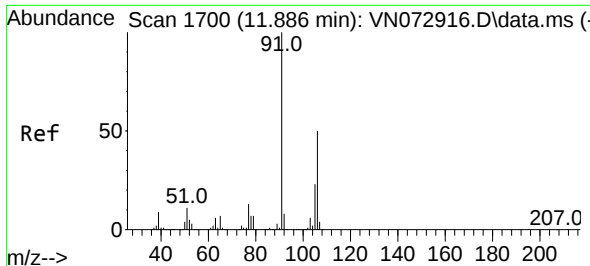
Tgt Ion: 91 Resp: 167310

Ion Ratio Lower Upper

91 100

106 30.1 24.9 37.3

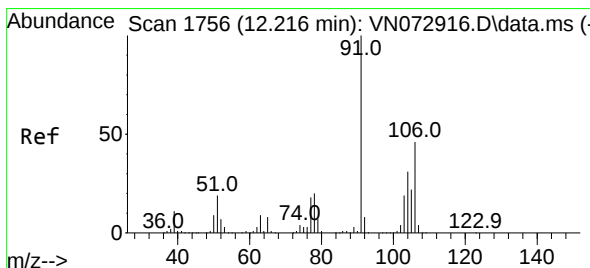
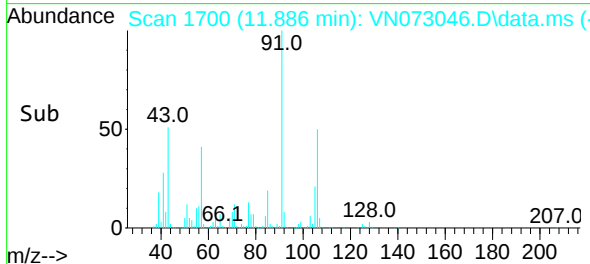
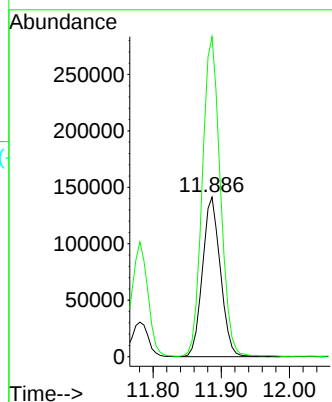
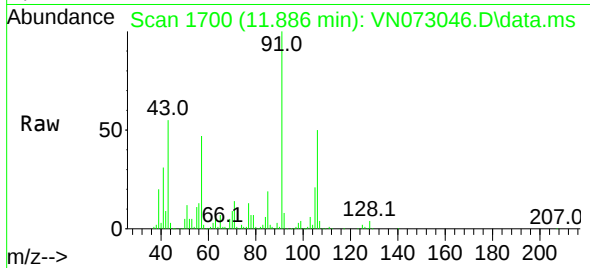




#68
m/p-Xylenes
Concen: 43.719 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

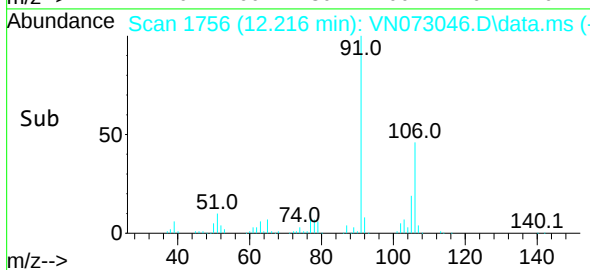
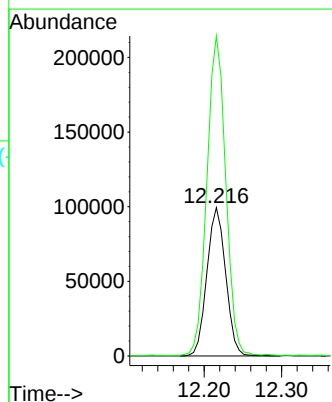
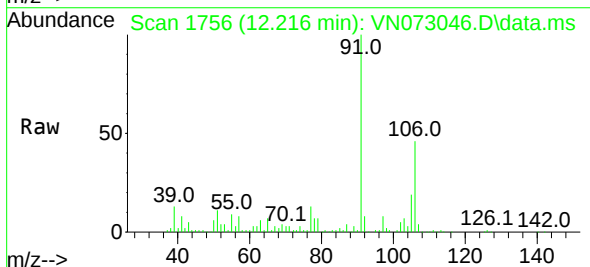
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-12

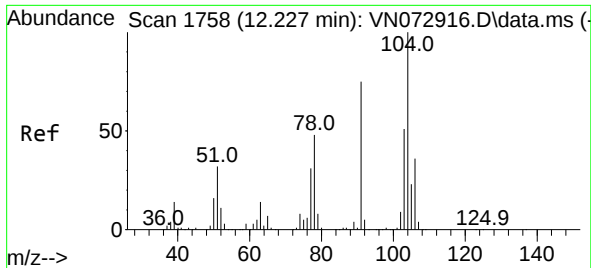
Tgt Ion:106 Resp: 257379
Ion Ratio Lower Upper
106 100
91 201.3 158.9 238.3



#69
o-Xylene
Concen: 28.357 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

Tgt Ion:106 Resp: 166813
Ion Ratio Lower Upper
106 100
91 216.3 106.0 318.0

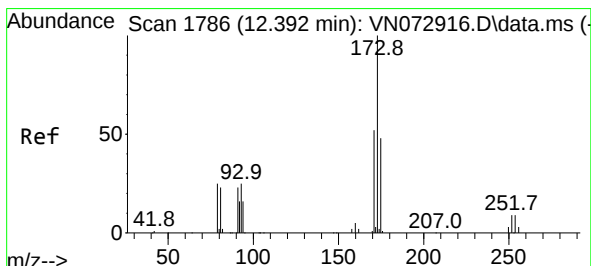
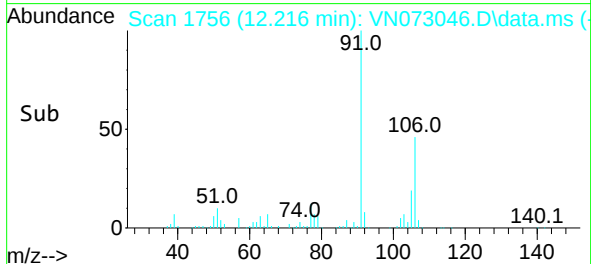
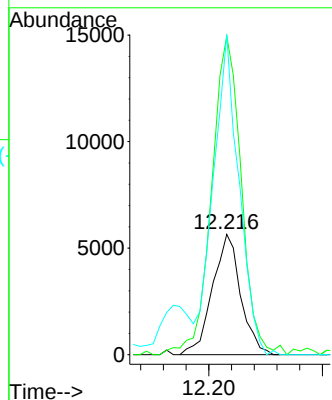
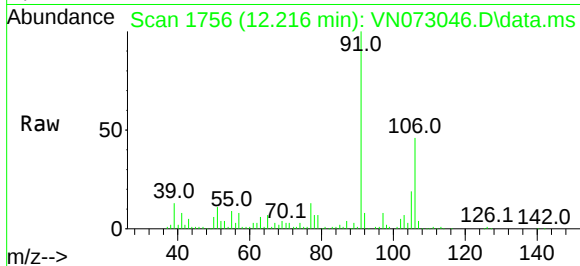




#70
Styrene
Concen: 1.033 ug/l
RT: 12.216 min Scan# 1832
Delta R.T. -0.012 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

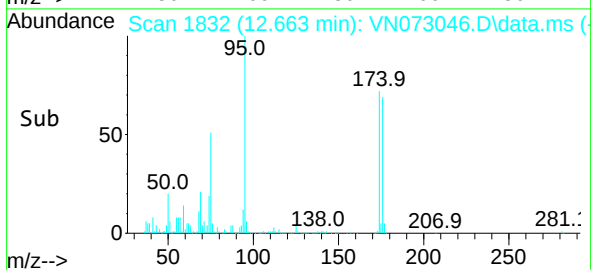
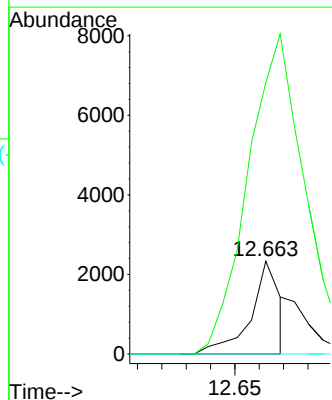
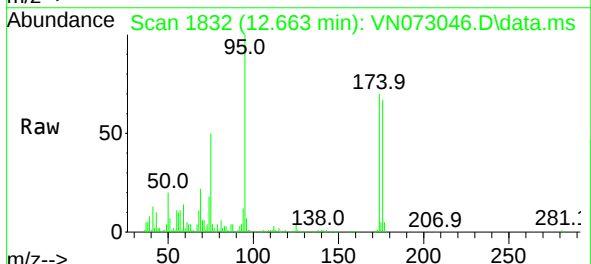
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-12

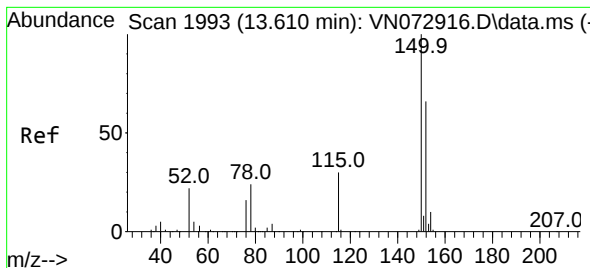
Tgt Ion:104 Resp: 9756
Ion Ratio Lower Upper
104 100
78 277.1 39.5 59.3#
103 241.6 44.0 66.0#



#71
Bromoform
Concen: 0.794 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. 0.271 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

Tgt Ion:173 Resp: 1944
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

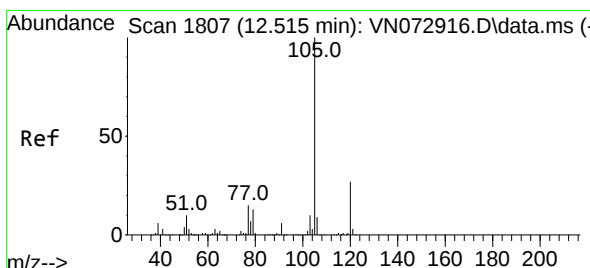
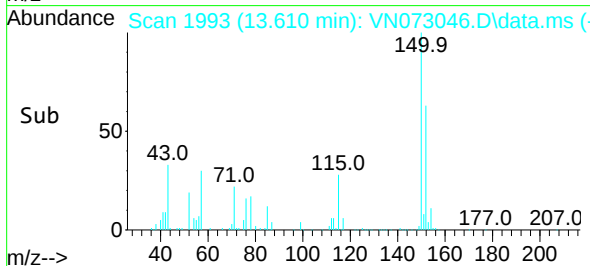
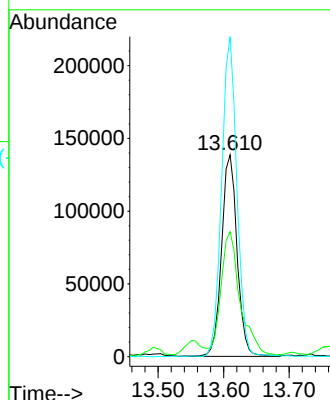
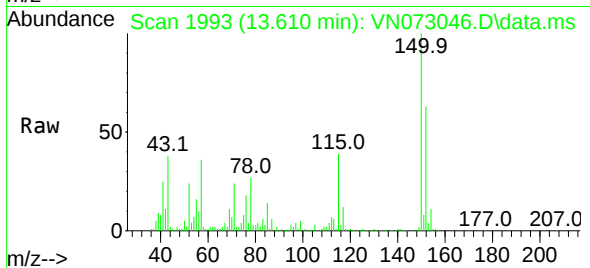




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

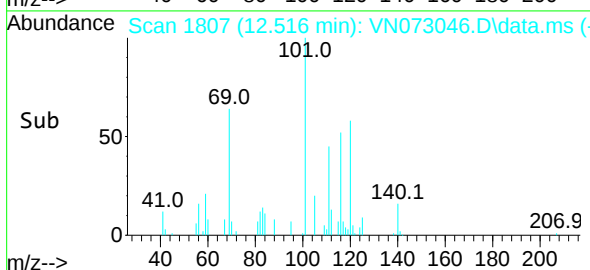
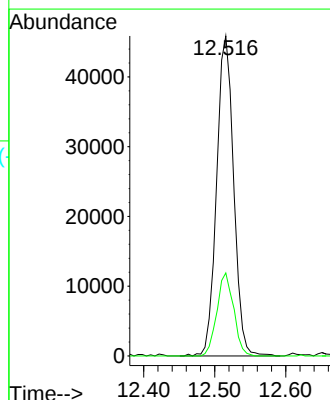
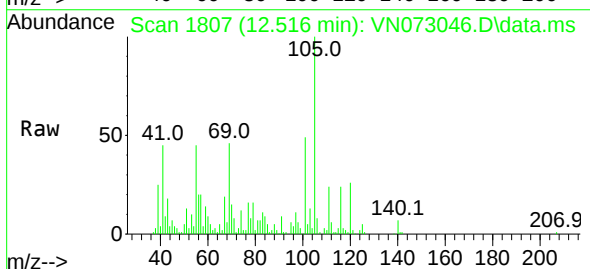
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-12

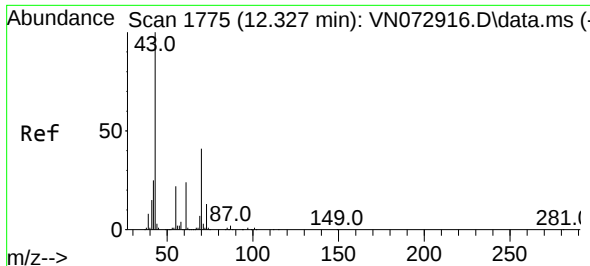
Tgt Ion:152 Resp: 226222
Ion Ratio Lower Upper
152 100
115 75.2 28.9 86.7
150 155.8 0.0 356.2



#73
Isopropylbenzene
Concen: 4.356 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

Tgt Ion:105 Resp: 76243
Ion Ratio Lower Upper
105 100
120 25.5 13.5 40.4

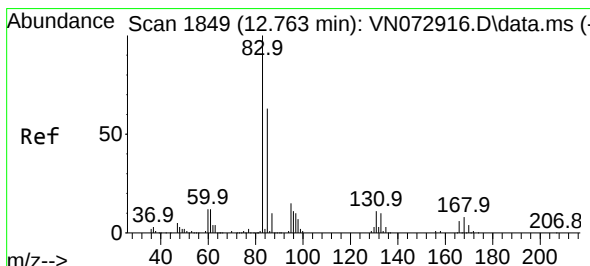
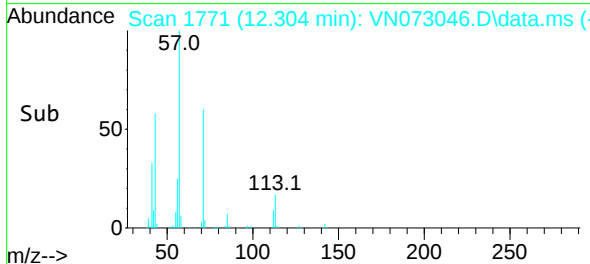
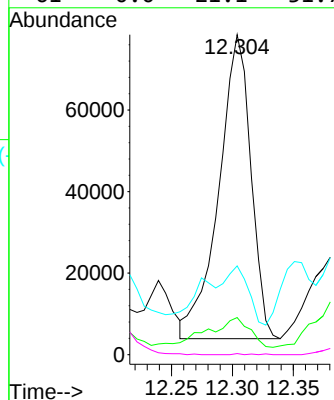
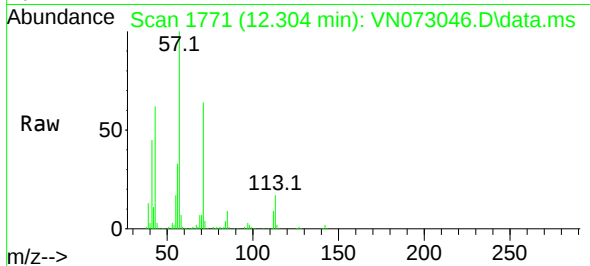




#74
N-amy1 acetate
Concen: 15.020 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.023 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

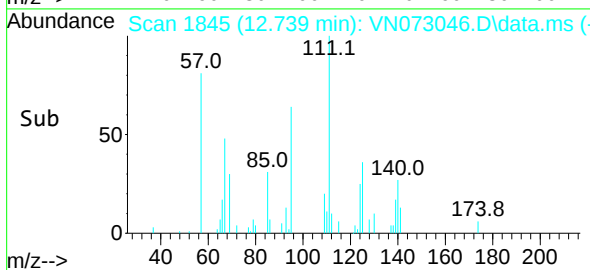
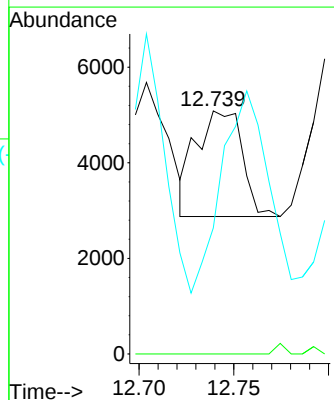
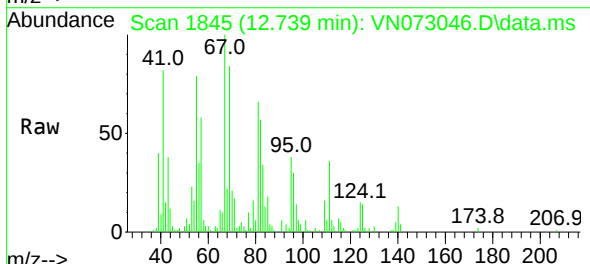
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-12

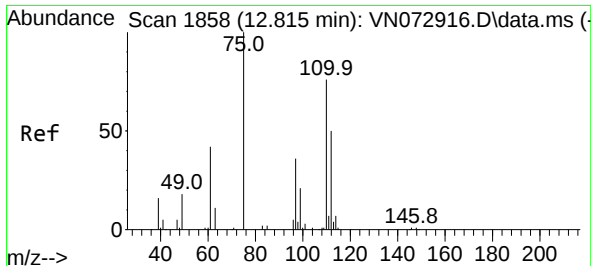
Tgt Ion: 43 Resp: 136415
Ion Ratio Lower Upper
43 100
70 13.1 39.0 58.4#
55 14.5 21.1 31.7#
61 0.0 21.1 31.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.591 ug/l
RT: 12.739 min Scan# 1845
Delta R.T. -0.023 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

Tgt Ion: 83 Resp: 3728
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 0.0 32.3 96.9#

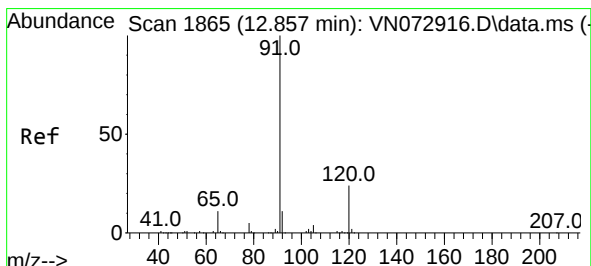
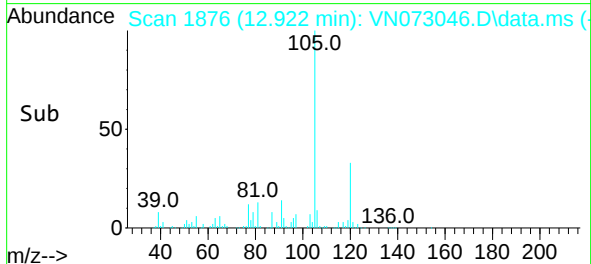
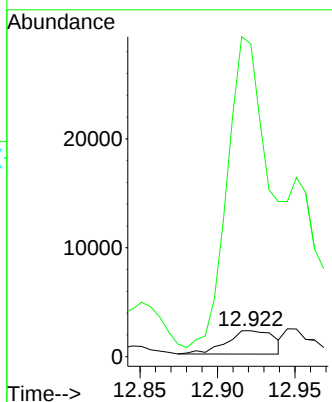
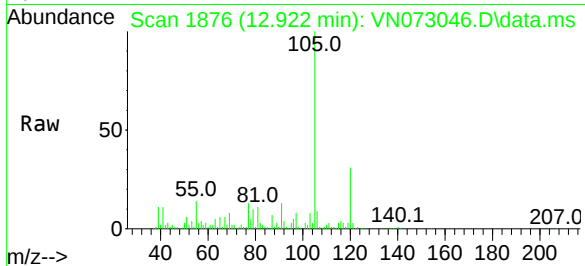




#76
1,2,3-Trichloropropane
Concen: 0.830 ug/l
RT: 12.922 min Scan# 1876
Delta R.T. 0.106 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

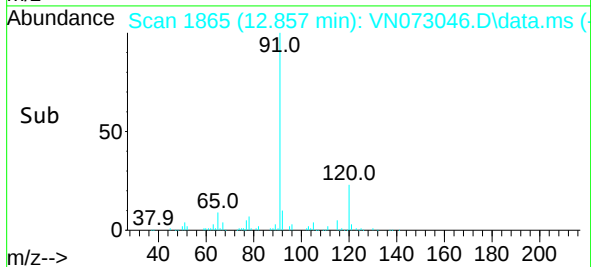
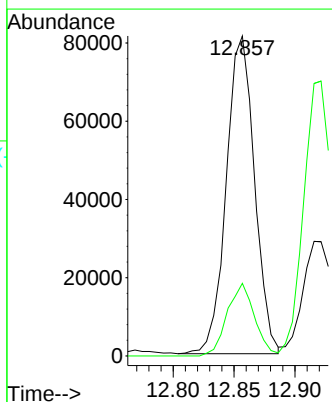
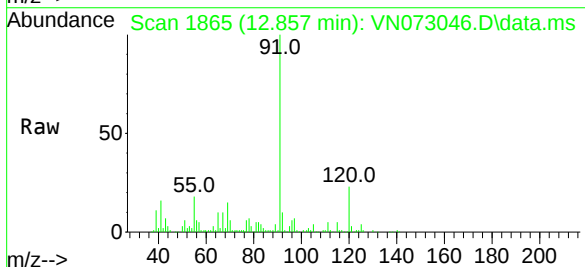
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-12

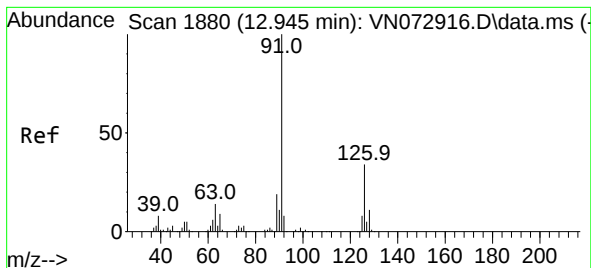
Tgt Ion: 75 Resp: 4550
Ion Ratio Lower Upper
75 100
77 1224.4 98.5 295.5#



#78
n-propylbenzene
Concen: 6.825 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

Tgt Ion: 91 Resp: 131392
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.5





#79

2-Chlorotoluene

Concen: 5.407 ug/l

RT: 12.916 min Scan# 11

Delta R.T. -0.029 min

Lab File: VN073046.D

Acq: 23 Jun 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

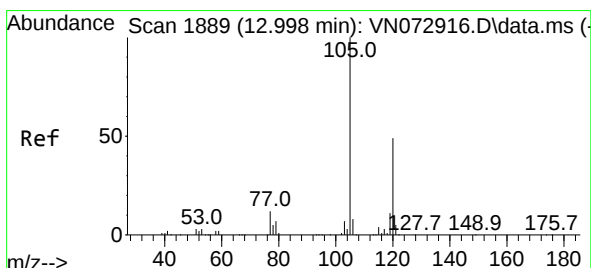
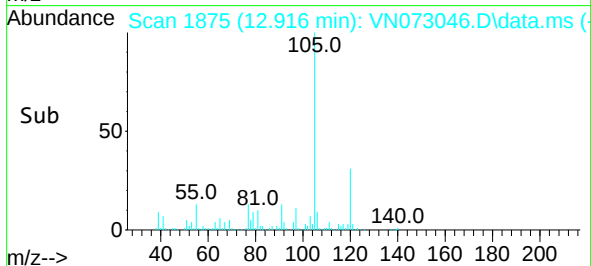
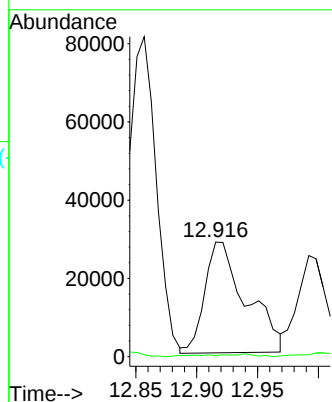
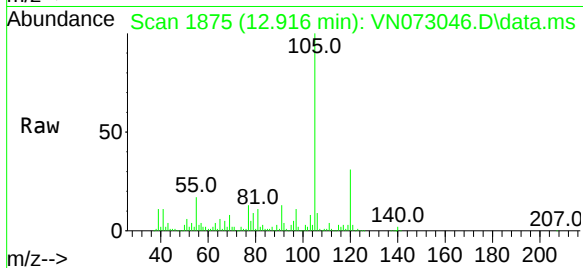
WC-14A-1A-12

Tgt Ion: 91 Resp: 67401

Ion Ratio Lower Upper

91 100

126 1.2 17.3 51.9#



#80

1,3,5-Trimethylbenzene

Concen: 24.239 ug/l

RT: 12.992 min Scan# 1888

Delta R.T. -0.006 min

Lab File: VN073046.D

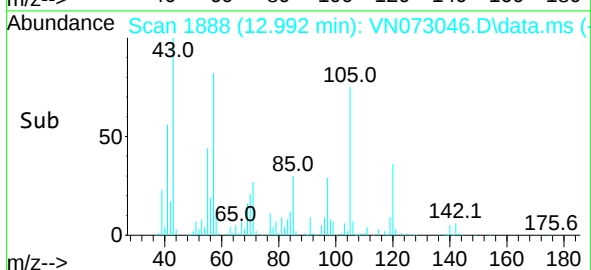
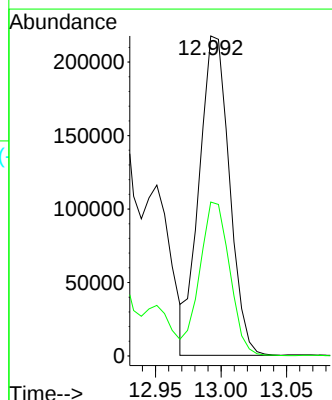
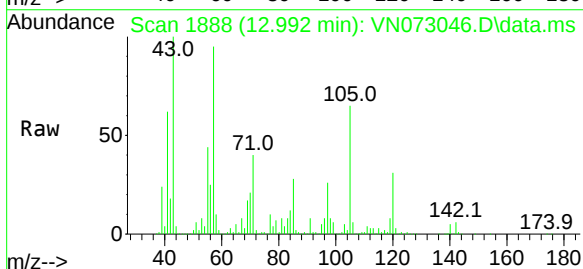
Acq: 23 Jun 2022 14:14

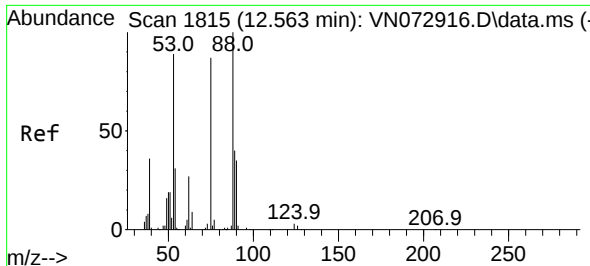
Tgt Ion: 105 Resp: 348446

Ion Ratio Lower Upper

105 100

120 47.8 24.9 74.7

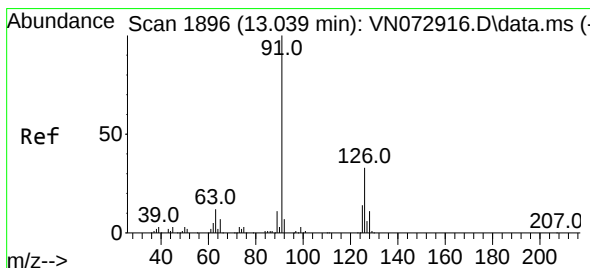
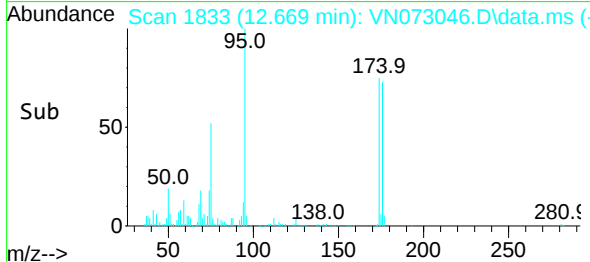
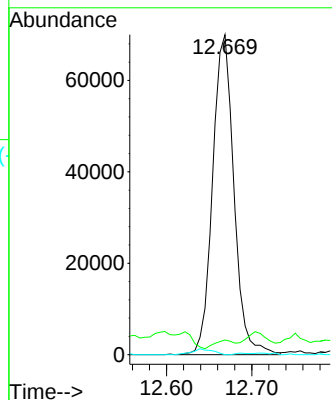
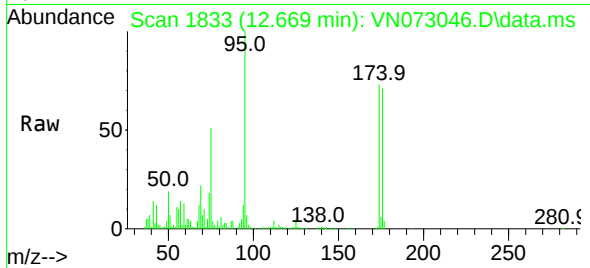




#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.957 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. 0.106 min
 Lab File: VN073046.D
 Acq: 23 Jun 2022 14:14

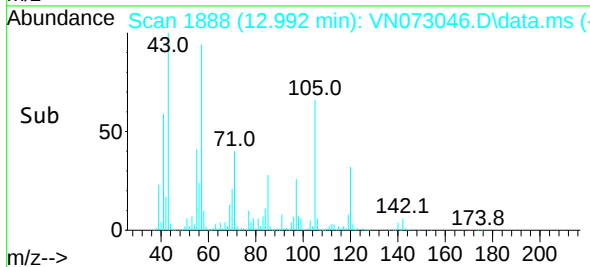
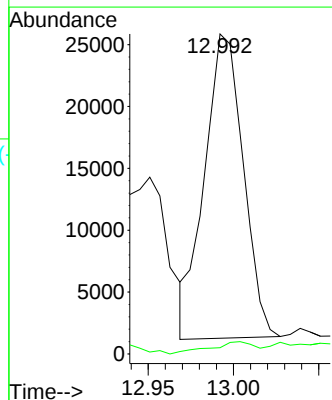
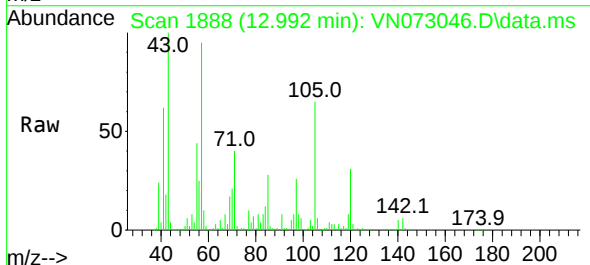
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-12

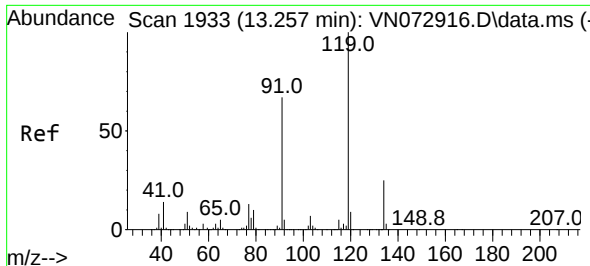
Tgt Ion: 75 Resp: 121767
 Ion Ratio Lower Upper
 75 100
 53 2.4 78.0 117.0#
 89 0.0 37.2 55.8#



#82
 4-Chlorotoluene
 Concen: 3.298 ug/l
 RT: 12.992 min Scan# 1888
 Delta R.T. -0.047 min
 Lab File: VN073046.D
 Acq: 23 Jun 2022 14:14

Tgt Ion: 91 Resp: 38896
 Ion Ratio Lower Upper
 91 100
 126 4.6 17.2 51.6#

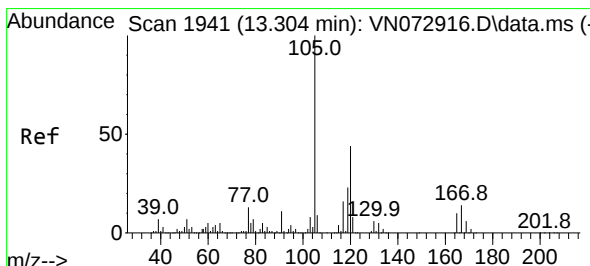
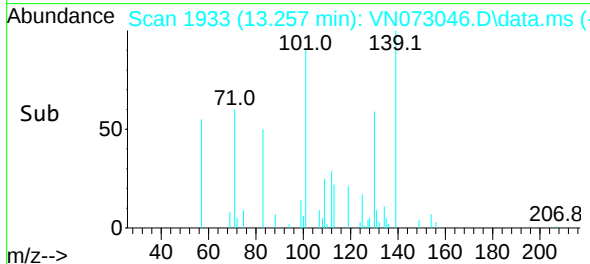
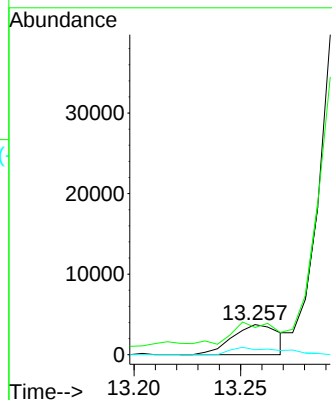
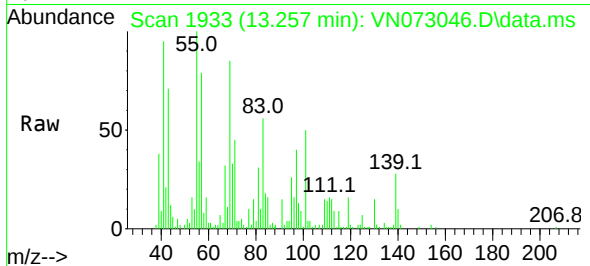




#83
tert-Butylbenzene
Concen: 0.428 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. 0.000 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

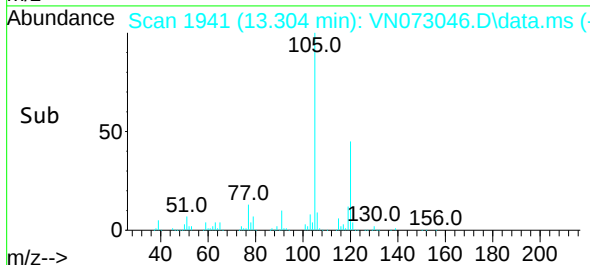
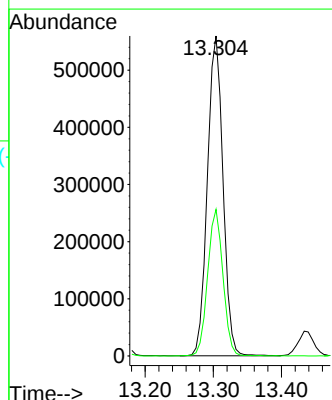
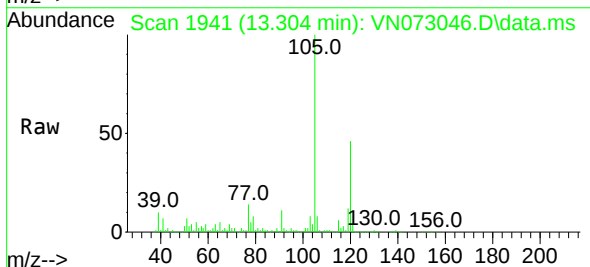
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-12

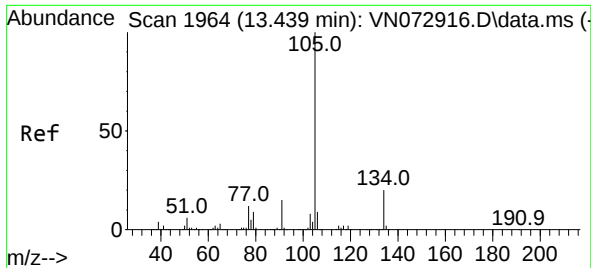
Tgt Ion:119 Resp: 5629
Ion Ratio Lower Upper
119 100
91 62.2 31.6 94.8
134 26.7 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 62.274 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

Tgt Ion:105 Resp: 891663
Ion Ratio Lower Upper
105 100
120 45.0 23.3 69.8

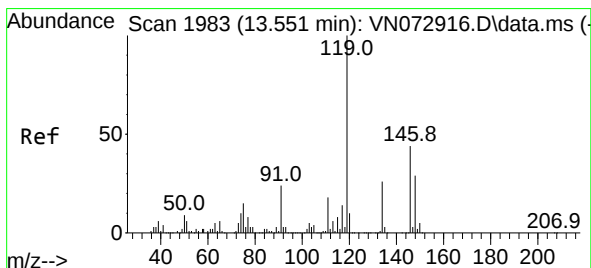
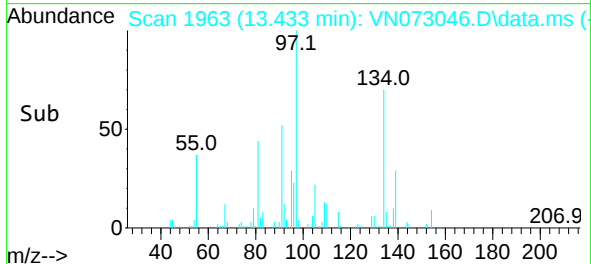
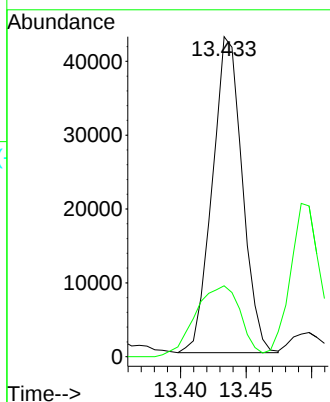
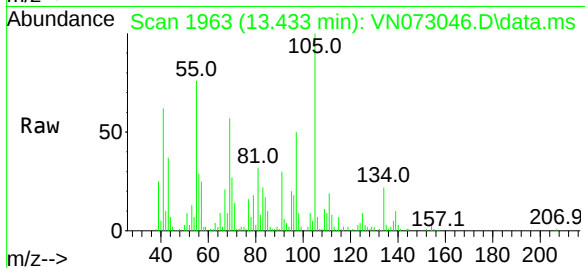




#85
 sec-Butylbenzene
 Concen: 3.881 ug/l
 RT: 13.433 min Scan# 1963
 Delta R.T. -0.006 min
 Lab File: VN073046.D
 Acq: 23 Jun 2022 14:14

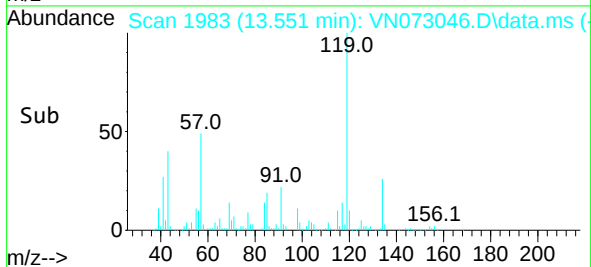
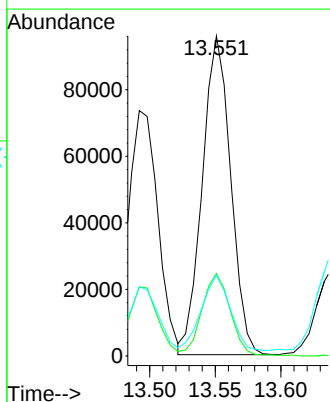
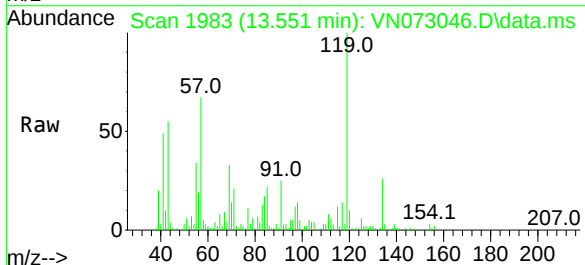
Instrument :
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 ClientSampleId :
 WC-14A-1A-12

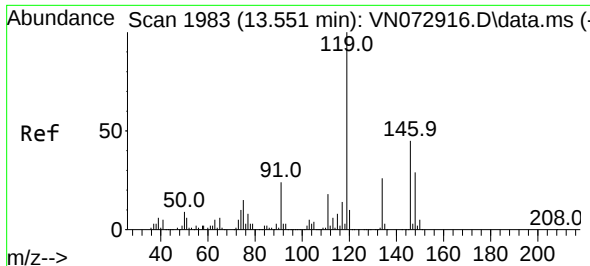
Tgt Ion:105 Resp: 68169
 Ion Ratio Lower Upper
 105 100
 134 33.9 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 10.154 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN073046.D
 Acq: 23 Jun 2022 14:14

Tgt Ion:119 Resp: 144391
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.3 39.8
 91 23.5 11.3 33.9

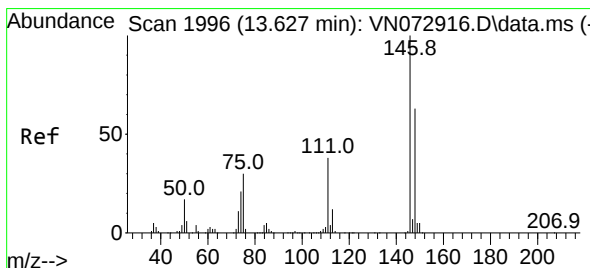
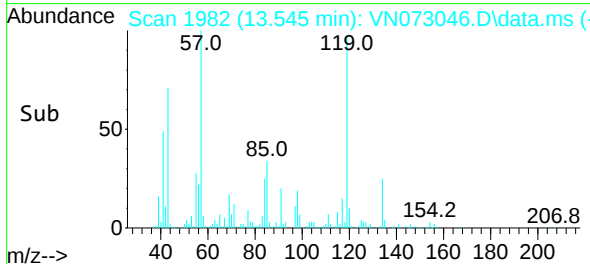
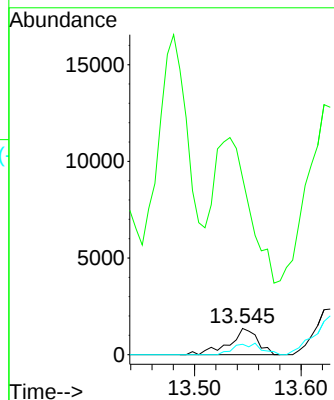
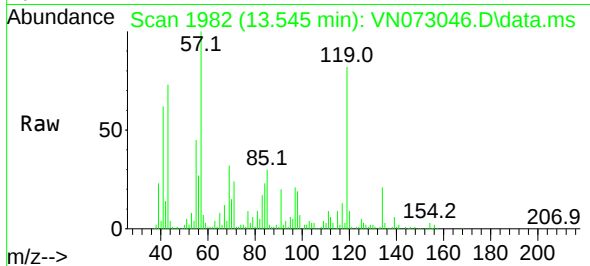




#87
 1,3-Dichlorobenzene
 Concen: 0.332 ug/l
 RT: 13.545 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: VN073046.D
 Acq: 23 Jun 2022 14:14

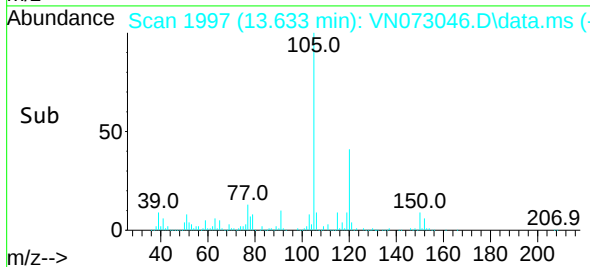
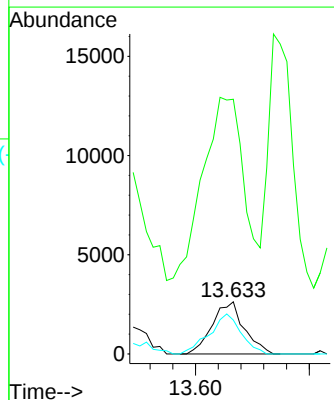
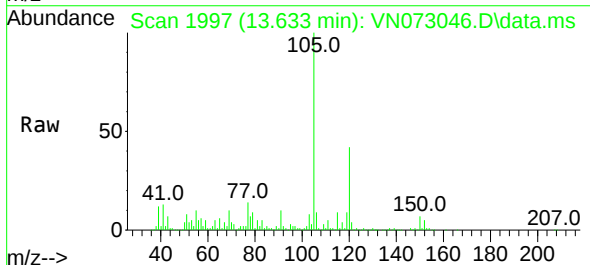
Instrument :
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 ClientSampleId :
 WC-14A-1A-12

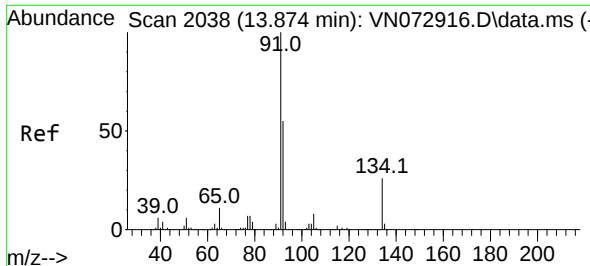
Tgt Ion:146 Resp: 2482
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.0 60.0#
 148 41.7 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 0.674 ug/l
 RT: 13.633 min Scan# 1997
 Delta R.T. 0.006 min
 Lab File: VN073046.D
 Acq: 23 Jun 2022 14:14

Tgt Ion:146 Resp: 5105
 Ion Ratio Lower Upper
 146 100
 111 437.6 19.1 57.1#
 148 76.3 31.4 94.3

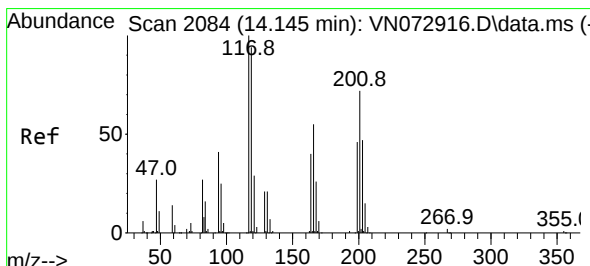
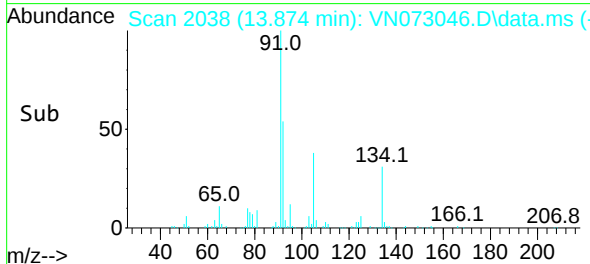
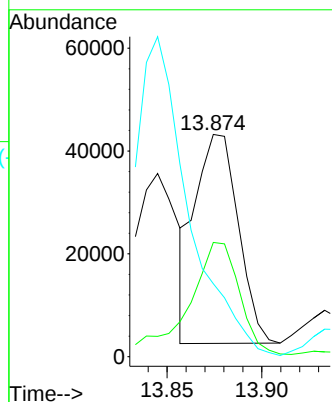
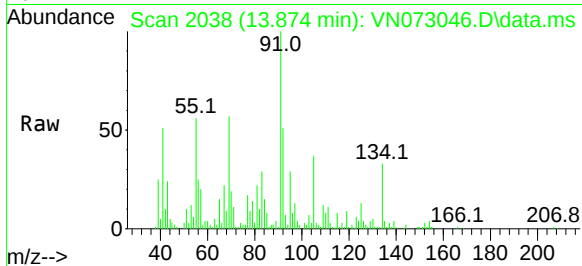




#89
n-Butylbenzene
Concen: 5.551 ug/l
RT: 13.874 min Scan# 2038
Delta R.T. 0.000 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

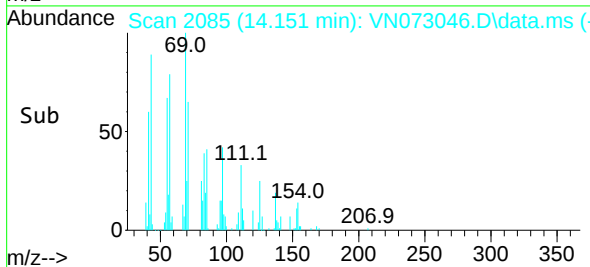
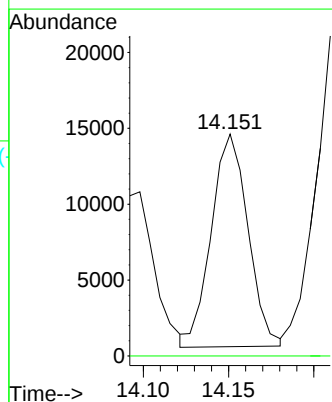
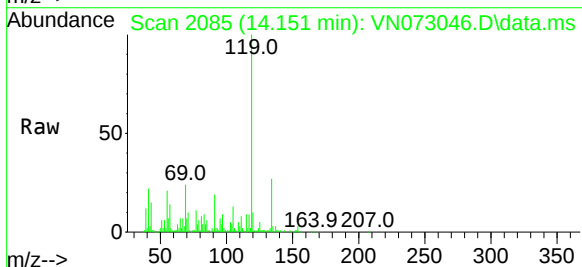
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-12

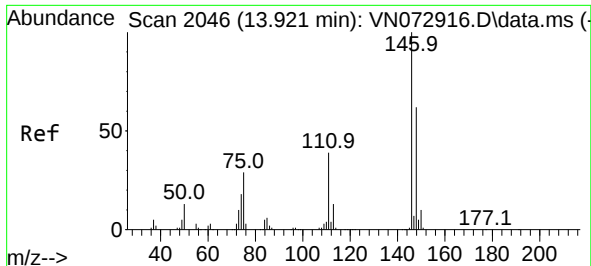
Tgt Ion: 91 Resp: 64450
Ion Ratio Lower Upper
91 100
92 62.4 26.9 80.7
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 7.828 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.006 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

Tgt Ion: 117 Resp: 20985
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#

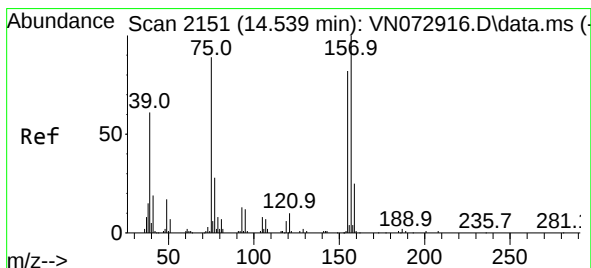
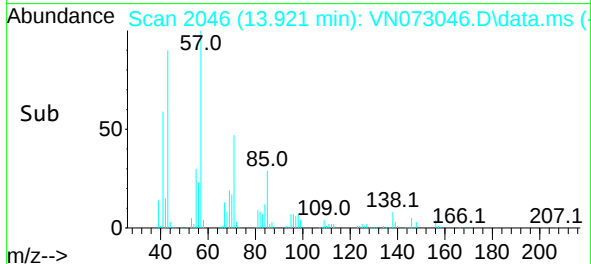
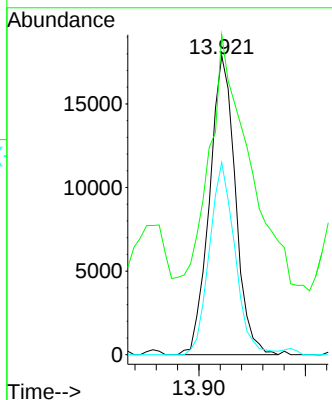
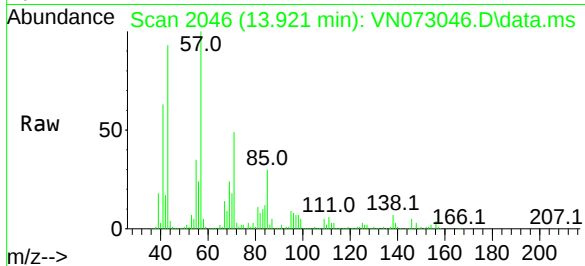




#91
1,2-Dichlorobenzene
Concen: 3.867 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

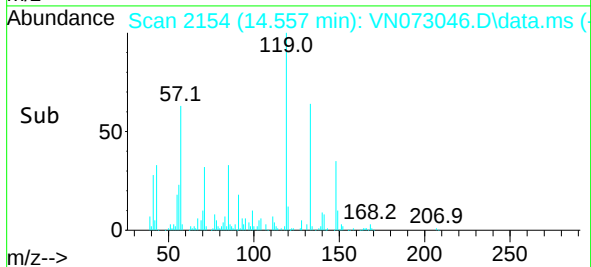
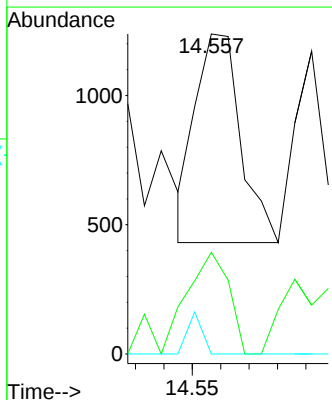
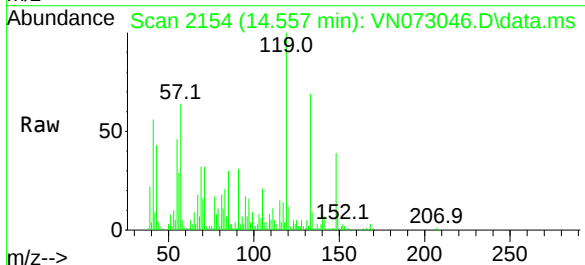
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ClientSampleId :
WC-14A-1A-12

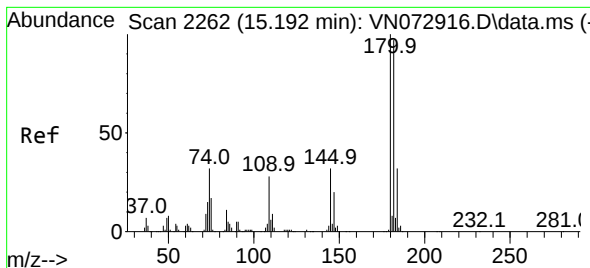
Tgt Ion:146 Resp: 30190
Ion Ratio Lower Upper
146 100
111 153.6 20.9 62.8#
148 63.3 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.481 ug/l
RT: 14.557 min Scan# 2154
Delta R.T. 0.018 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

Tgt Ion: 75 Resp: 895
Ion Ratio Lower Upper
75 100
155 51.2 44.9 134.5
157 6.5 59.0 176.8#

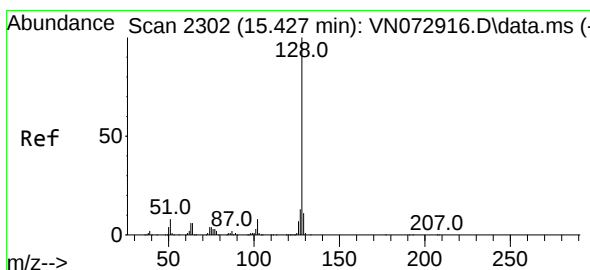
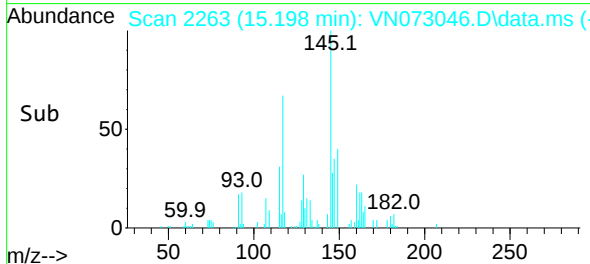
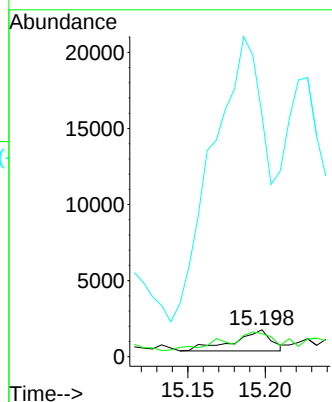
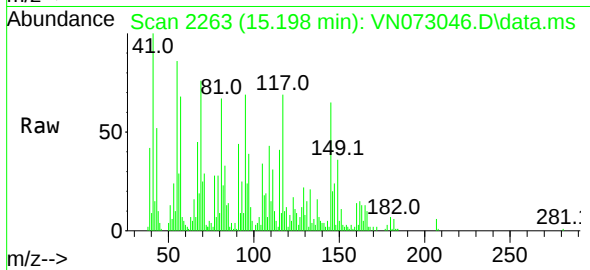




#93
1,2,4-Trichlorobenzene
Concen: 0.534 ug/l
RT: 15.198 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

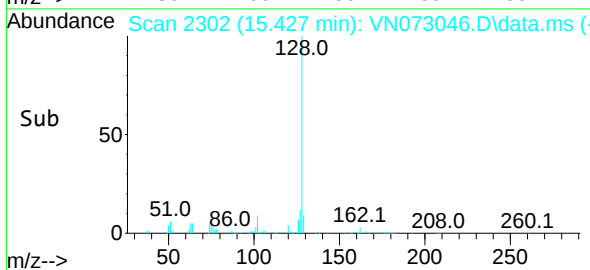
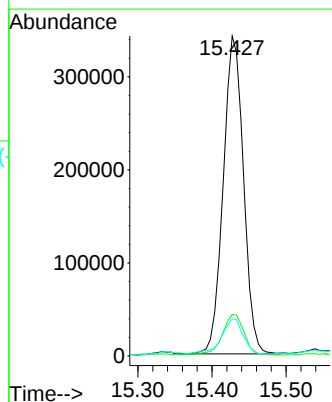
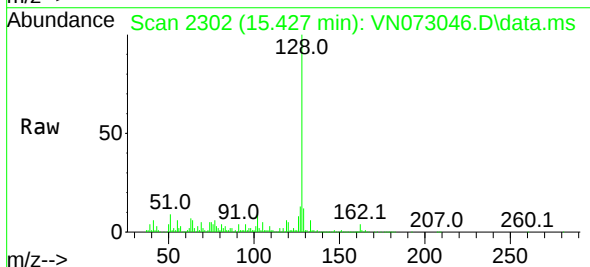
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-12

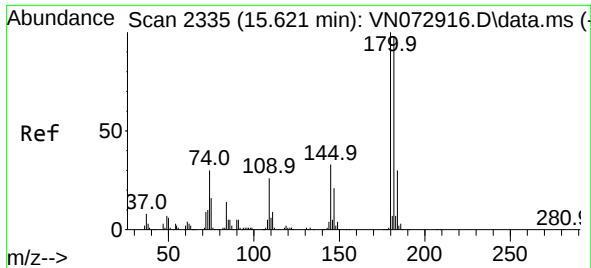
Tgt Ion:180 Resp: 2305
Ion Ratio Lower Upper
180 100
182 129.5 47.5 142.5
145 2200.3 14.5 43.5#



#95
Naphthalene
Concen: 37.126 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN073046.D
Acq: 23 Jun 2022 14:14

Tgt Ion:128 Resp: 648811
Ion Ratio Lower Upper
128 100
127 13.8 10.3 15.5
129 11.7 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.551 ug/l
 RT: 15.639 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: VN073046.D
 Acq: 23 Jun 2022 14:14

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	25.1	47.8	143.3#
145	0.0	15.5	46.5#

