

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042122\
 Data File : VD072671.D
 Acq On : 21 Apr 2022 15:21
 Operator : VA/SY
 Sample : N2468-09
 Misc : 4.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-15-1-8-GR

Quant Time: Apr 21 15:56:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	479934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	834440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	422260	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.679	152	48396	50.000	ug/l	0.11

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	270001	46.506	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.020%
35) Dibromofluoromethane	7.909	113	276387	42.621	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.240%
50) Toluene-d8	10.332	98	1254901	55.671	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.340%
62) 4-Bromofluorobenzene	12.614	95	363925	41.339	ug/l	-0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.680%

Target Compounds				Qvalue		
4) Vinyl Chloride	2.356	62	332	1.031	ug/l #	43
10) Methyl Iodide	4.291	142	624	3.843	ug/l #	52
11) Tert butyl alcohol	5.221	59	6515	21.249	ug/l #	74
13) Acrolein	3.926	56	352	2.587	ug/l #	14
14) Allyl chloride	4.815	41	14947	3.057	ug/l #	70
15) Acrylonitrile	5.491	53	31144	25.347	ug/l #	44
16) Acetone	4.150	43	357646	330.365	ug/l	97
17) Carbon Disulfide	4.415	76	25683	6.177	ug/l	96
18) Methyl Acetate	4.785	43	9211	3.020	ug/l #	55
20) Methylene Chloride	4.950	84	43345	6.725	ug/l #	75
25) 2-Butanone	7.209	43	101203	67.593	ug/l	93
29) Tetrahydrofuran	7.567	42	1868	2.066	ug/l #	52
31) Cyclohexane	7.979	56	752099	99.072	ug/l	90
36) 1,1-Dichloropropene	7.973	75	40556	5.908	ug/l #	76
37) Ethyl Acetate	7.209	43	101203	29.453	ug/l #	72
38) Carbon Tetrachloride	7.973	117	50252	5.625	ug/l #	16
39) Methylcyclohexane	9.350	83	4438699	436.335	ug/l	98
41) Methacrylonitrile	7.550	41	7310	5.178	ug/l #	37
43) Isopropyl Acetate	8.444	43	103027	15.631	ug/l #	54
45) 1,2-Dichloropropane	9.350	63	42368	6.725	ug/l #	1
47) Bromodichloromethane	9.767	83	57740	6.081	ug/l #	42
48) Methyl methacrylate	9.403	41	166667	52.085	ug/l #	19
49) 1,4-Dioxane	9.344	88	54	1.373	ug/l #	1
51) 4-Methyl-2-Pentanone	10.261	43	299221	84.607	ug/l	88
55) 1,1,2-Trichloroethane	10.767	97	1144598	228.421	ug/l #	22
56) Ethyl methacrylate	10.673	69	495586	79.711	ug/l #	3
58) 2-Chloroethyl Vinyl ether	9.908	63	4744	1.918	ug/l #	48
59) 2-Hexanone	10.944	43	1577515	655.940	ug/l #	33
64) Tetrachloroethene	10.867	164	3022	1.095	ug/l #	84
65) Chlorobenzene	11.661	112	363444	38.498	ug/l	99
67) Ethyl Benzene	11.738	91	16669	1.012	ug/l	90
68) m/p-Xylenes	11.838	106	21847	3.496	ug/l #	65
69) o-Xylene	12.173	106	27257	4.520	ug/l	36
73) Isopropylbenzene	12.467	105	4469450	1143.522	ug/l	99
74) N-amyl acetate	12.261	43	2753176	3357.191	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.697	83	280142	378.408	ug/l #	1

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 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
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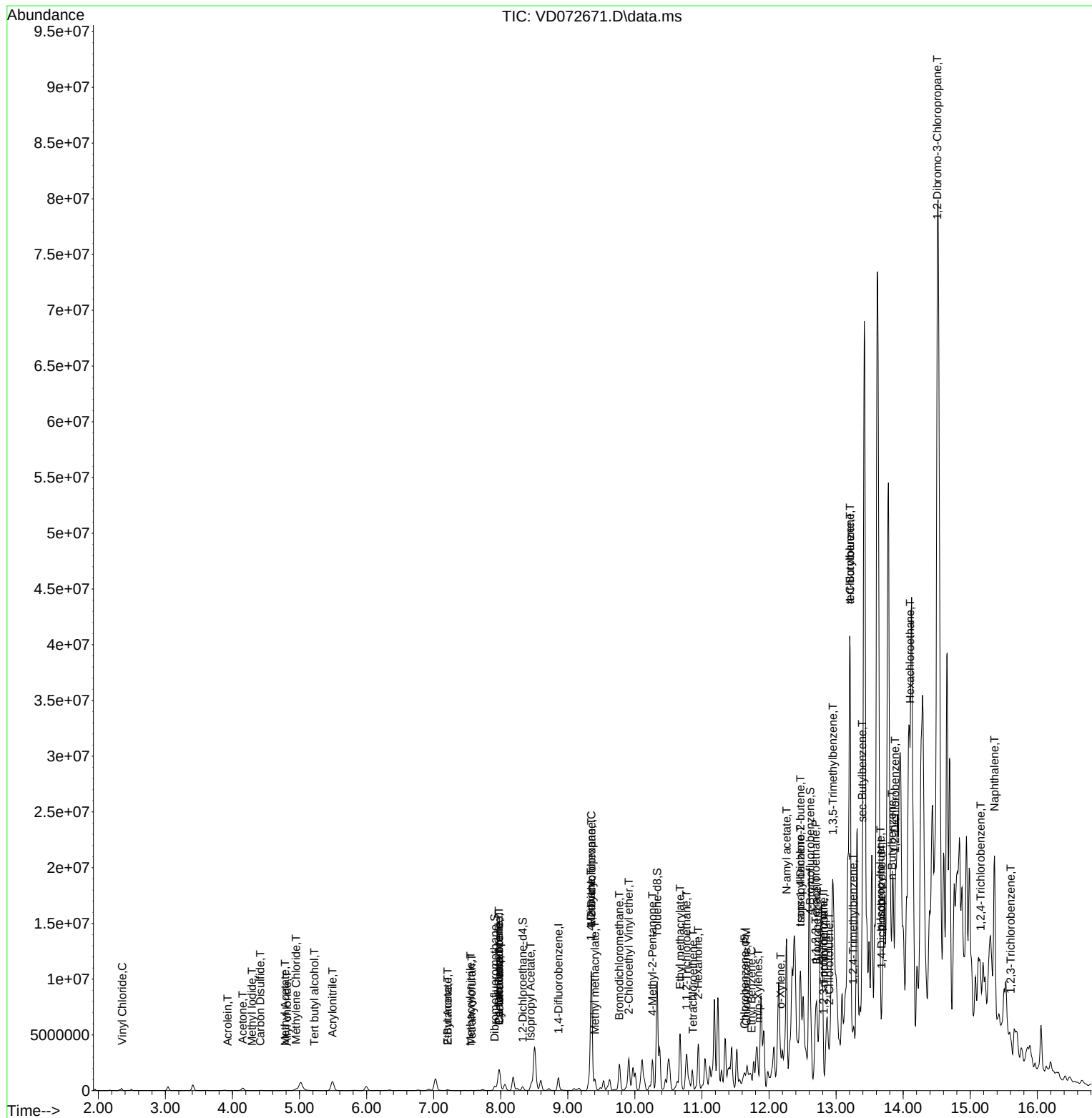
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
76) 1,2,3-Trichloropropane	12.814	75	6056	11.473	ug/l	#	100
77) Bromobenzene	12.714	156	13349	15.238	ug/l	#	1
78) n-propylbenzene	12.808	91	203638	43.189	ug/l		92
79) 2-Chlorotoluene	12.897	91	50838	18.437	ug/l	#	42
80) 1,3,5-Trimethylbenzene	12.950	105	851418	254.350	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.467	75	52937	246.094	ug/l	#	61
82) 4-Chlorotoluene	13.208	91	299753	104.377	ug/l		95
83) tert-Butylbenzene	13.208	119	360900	124.537	ug/l		87
84) 1,2,4-Trimethylbenzene	13.255	105	1062991	324.742	ug/l		99
85) sec-Butylbenzene	13.391	105	1831801	419.649	ug/l	#	78
86) p-Isopropyltoluene	13.661	119	262288	73.513	ug/l		92
89) n-Butylbenzene	13.832	91	1042084	306.597	ug/l	#	76
90) Hexachloroethane	14.102	117	269832	369.426	ug/l	#	17
91) 1,2-Dichlorobenzene	13.879	146	263223	164.404	ug/l	#	54
92) 1,2-Dibromo-3-Chloropr...	14.508	75	3363	30.716	ug/l	#	11
93) 1,2,4-Trichlorobenzene	15.155	180	11194	11.279	ug/l	#	1
95) Naphthalene	15.361	128	120266	62.367	ug/l	#	1
96) 1,2,3-Trichlorobenzene	15.602	180	13313	15.370	ug/l	#	12

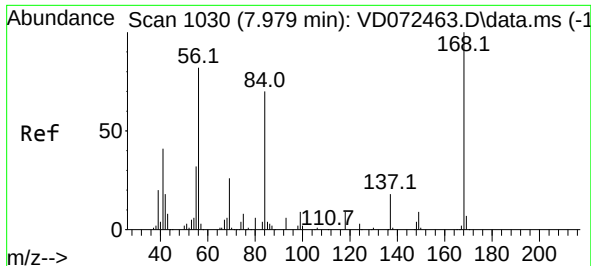
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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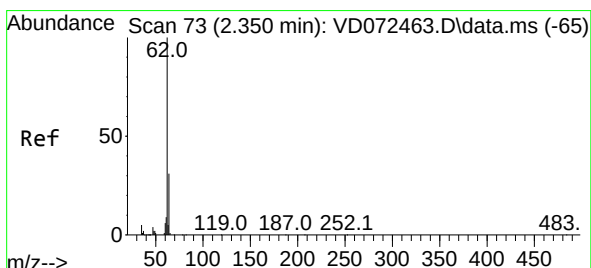
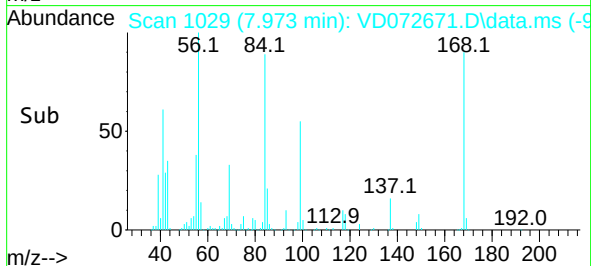
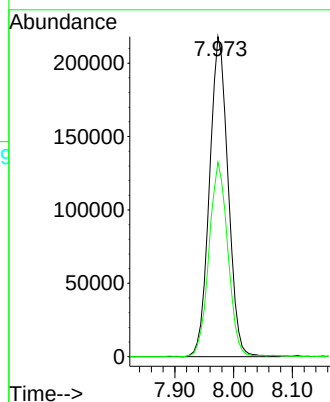
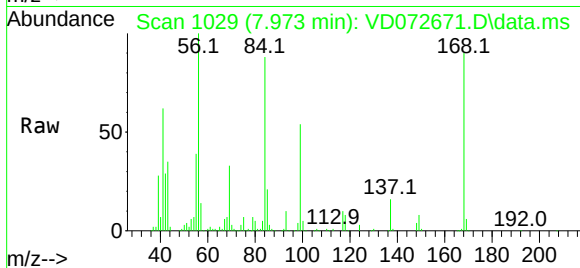




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

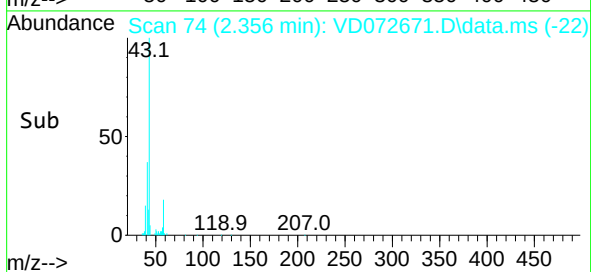
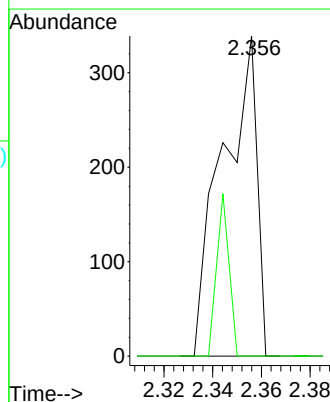
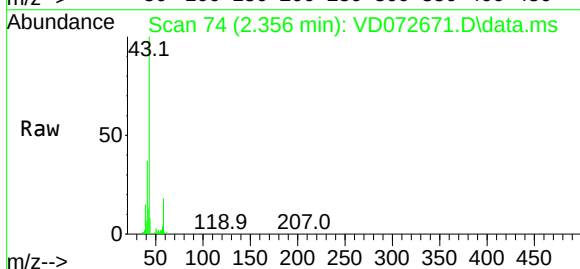
Instrument :
MSVOA_D
ClientSampleId :
WC-15-1-8-GR

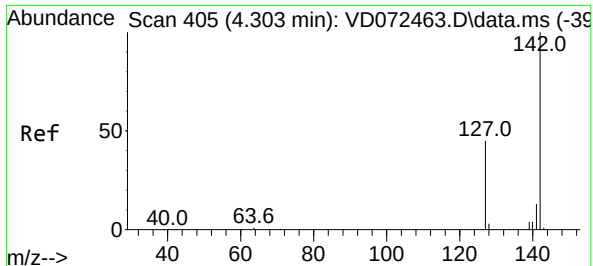
Tgt Ion:168 Resp: 479934
Ion Ratio Lower Upper
168 100
99 60.7 49.8 74.6



#4
Vinyl Chloride
Concen: 1.031 ug/l
RT: 2.356 min Scan# 74
Delta R.T. 0.006 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

Tgt Ion: 62 Resp: 332
Ion Ratio Lower Upper
62 100
64 0.0 25.4 38.0#

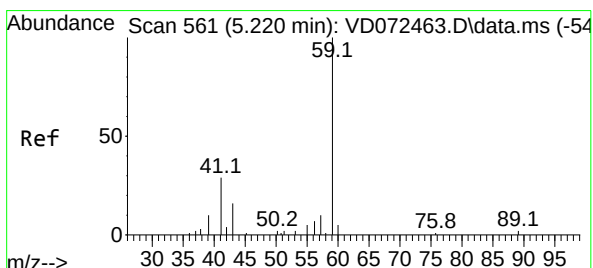
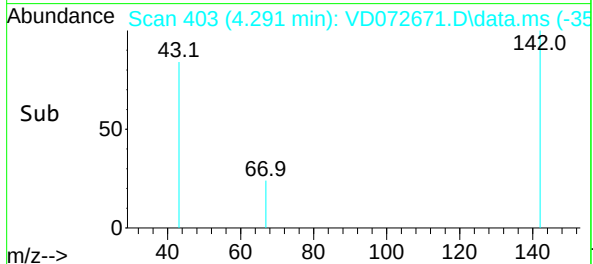
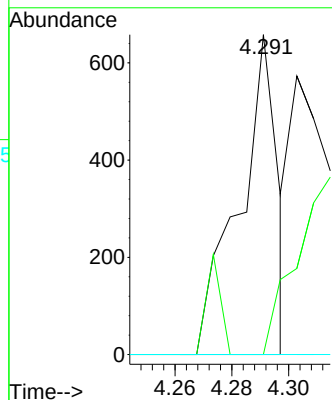
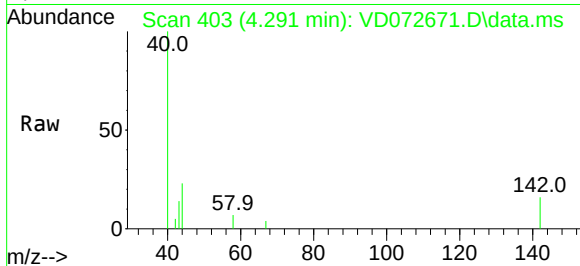




#10
Methyl Iodide
Concen: 3.843 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.012 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

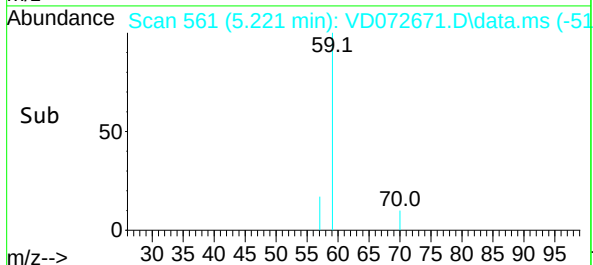
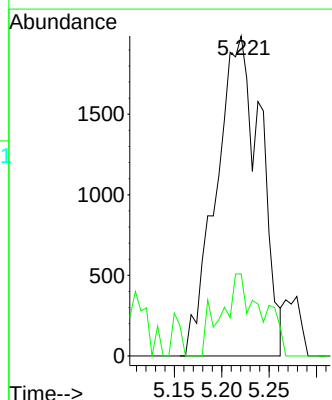
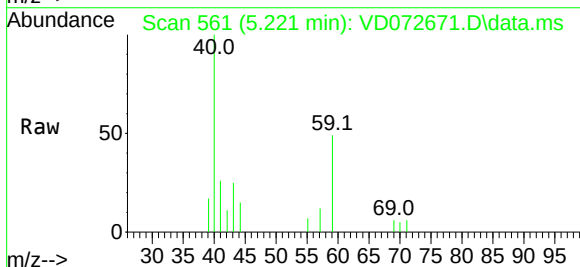
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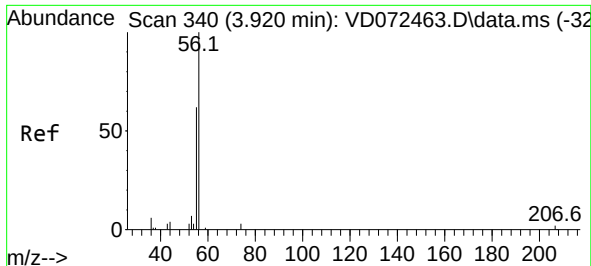
Tgt Ion:142 Resp: 624
Ion Ratio Lower Upper
142 100
127 11.7 37.3 55.9#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 21.249 ug/l
RT: 5.221 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

Tgt Ion: 59 Resp: 6515
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

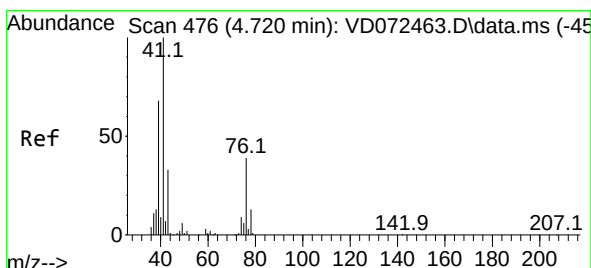
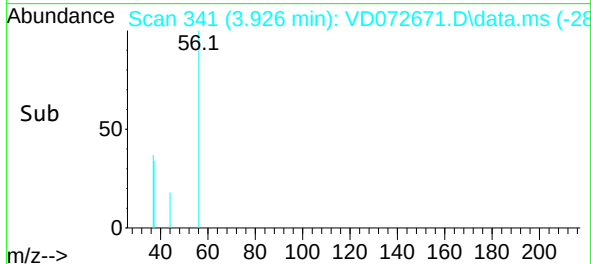
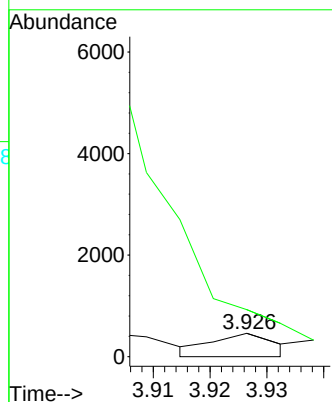
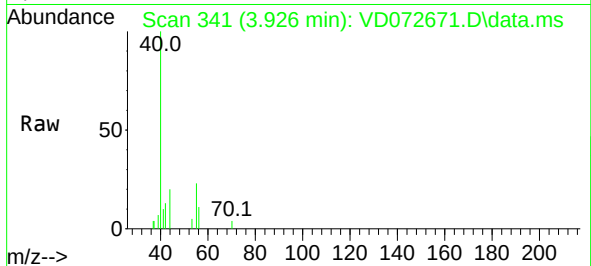




#13
Acrolein
Concen: 2.587 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

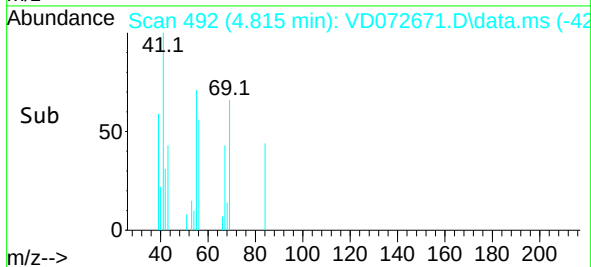
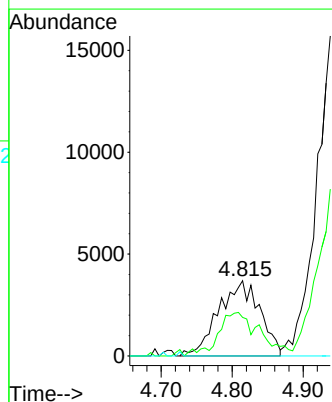
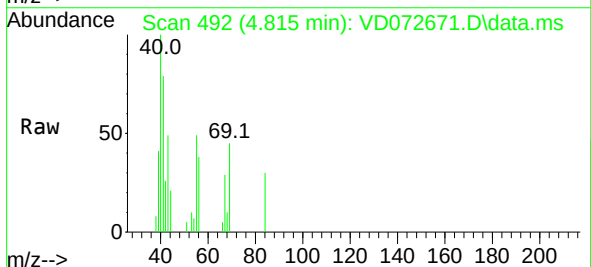
Instrument :
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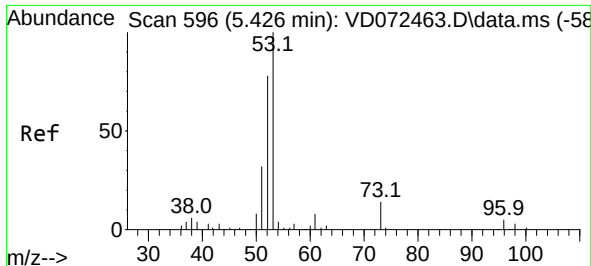
Tgt Ion: 56 Resp: 352
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#14
Allyl chloride
Concen: 3.057 ug/l
RT: 4.815 min Scan# 492
Delta R.T. 0.095 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

Tgt Ion: 41 Resp: 14947
Ion Ratio Lower Upper
41 100
39 58.7 59.3 88.9#
76 0.0 25.7 38.5#

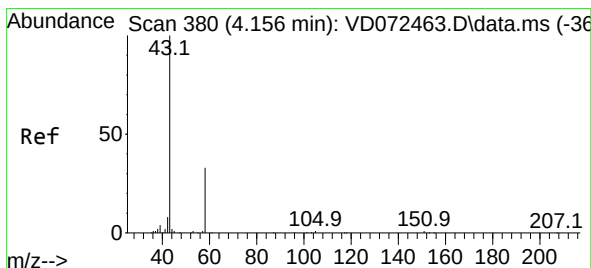
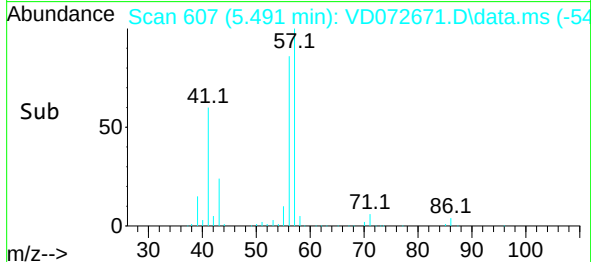
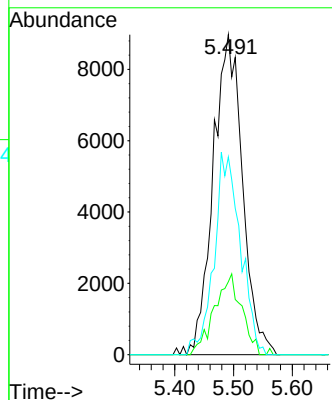
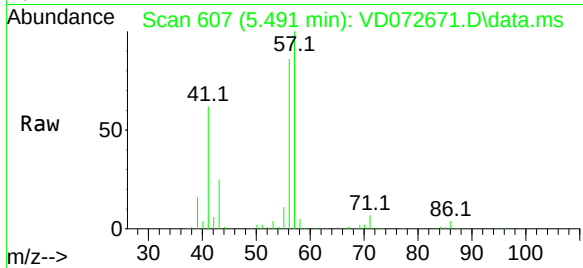




#15
Acrylonitrile
Concen: 25.347 ug/l
RT: 5.491 min Scan# 60
Delta R.T. 0.065 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

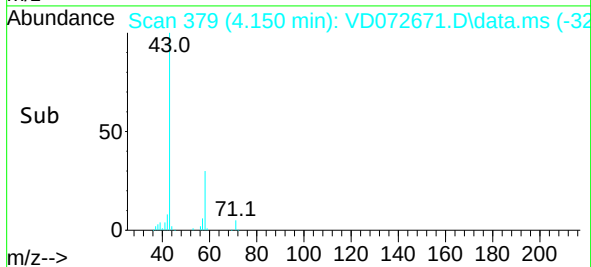
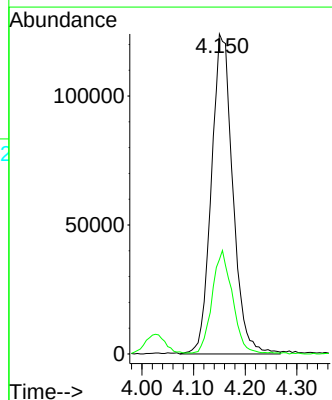
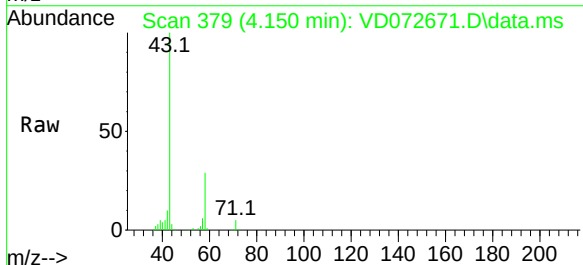
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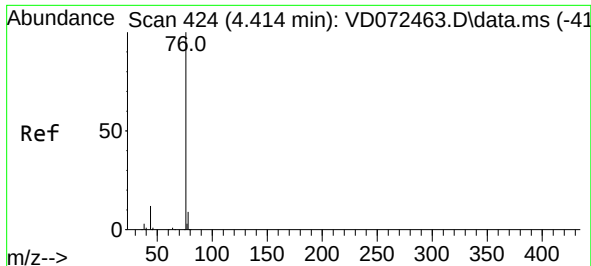
Tgt Ion: 53 Resp: 31144
Ion Ratio Lower Upper
53 100
52 23.3 67.2 100.8#
51 56.7 30.3 45.5#



#16
Acetone
Concen: 330.365 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

Tgt Ion: 43 Resp: 357646
Ion Ratio Lower Upper
43 100
58 29.3 22.1 33.1

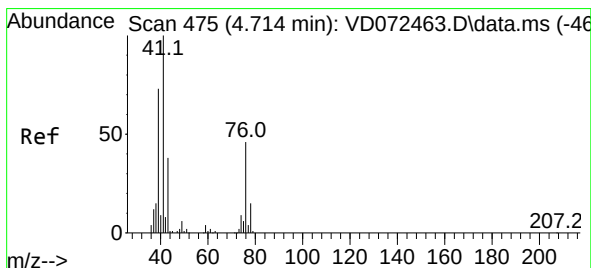
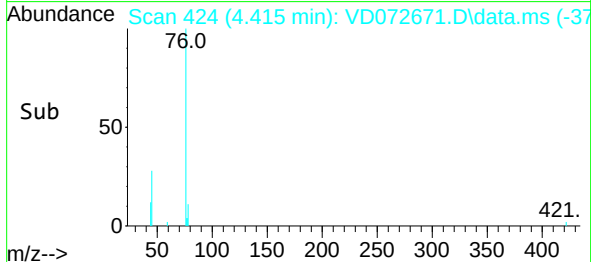
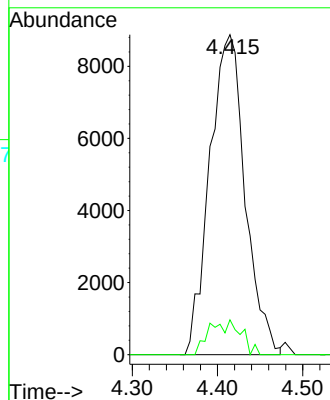
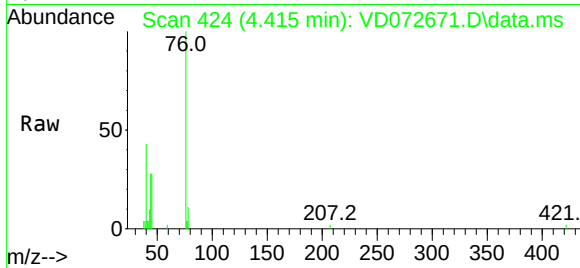




#17
Carbon Disulfide
Concen: 6.177 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.001 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

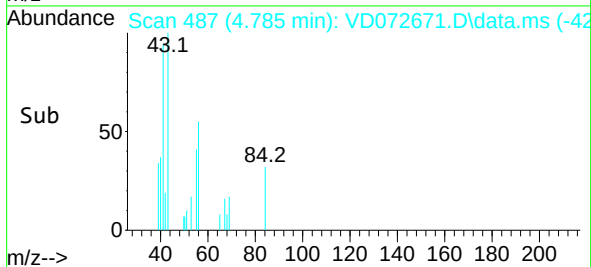
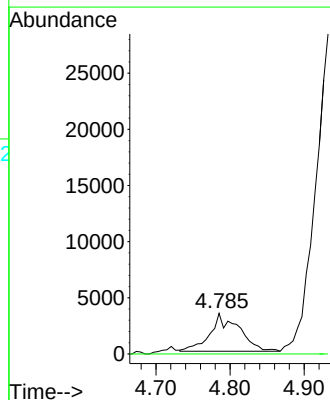
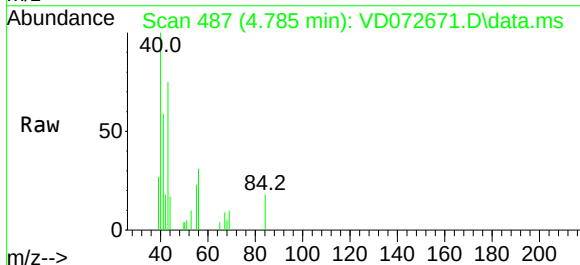
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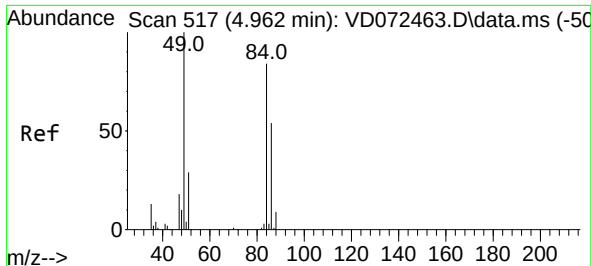
Tgt Ion: 76 Resp: 25683
Ion Ratio Lower Upper
76 100
78 10.9 7.5 11.3



#18
Methyl Acetate
Concen: 3.020 ug/l
RT: 4.785 min Scan# 487
Delta R.T. 0.071 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

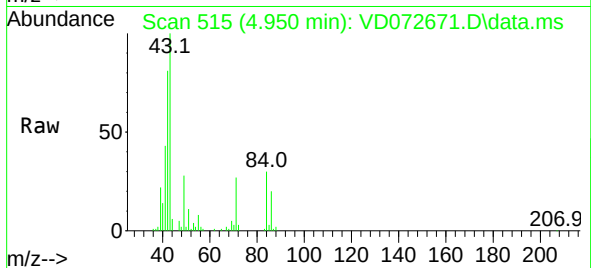
Tgt Ion: 43 Resp: 9211
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



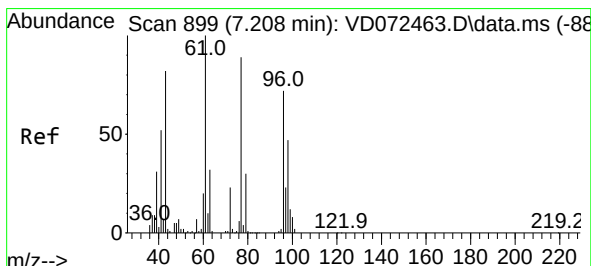
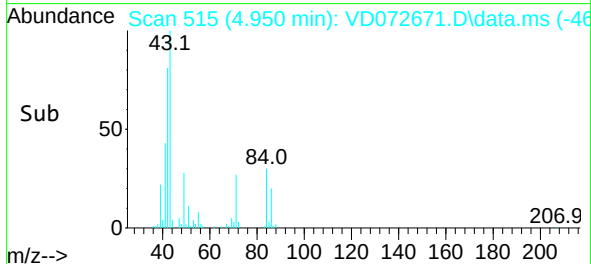
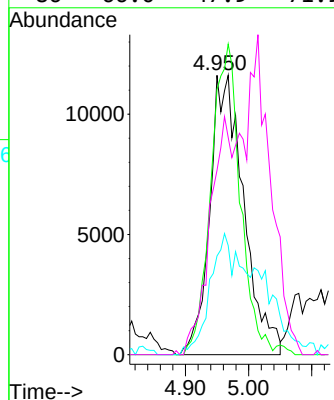


#20
Methylene Chloride
Concen: 6.725 ug/l
RT: 4.950 min Scan# 517
Delta R.T. -0.012 min
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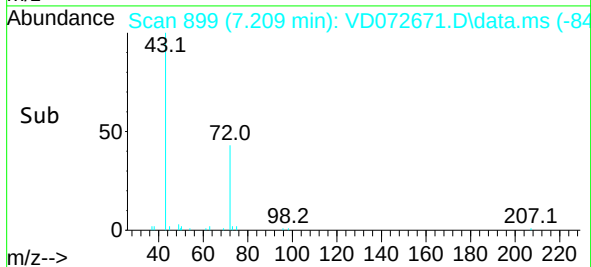
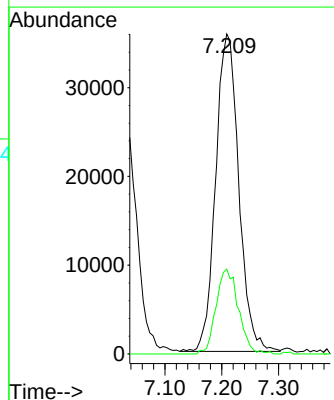
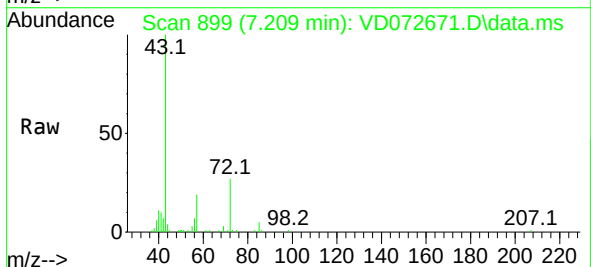


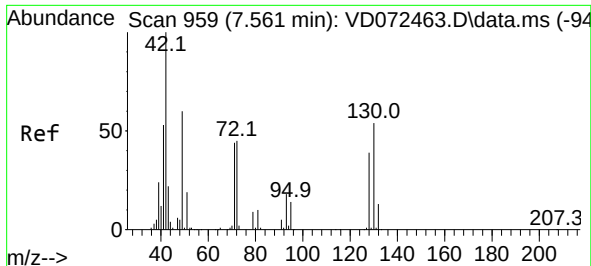
Tgt Ion: 84 Resp: 43345
Ion Ratio Lower Upper
84 100
49 94.9 112.8 169.2#
51 35.3 32.6 48.8
86 66.0 47.9 71.9



#25
2-Butanone
Concen: 67.593 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

Tgt Ion: 43 Resp: 101203
Ion Ratio Lower Upper
43 100
72 26.8 18.6 27.8





#29

Tetrahydrofuran

Concen: 2.066 ug/l

RT: 7.567 min Scan# 9

Delta R.T. 0.006 min

Lab File: VD072671.D

Acq: 21 Apr 2022 15:21

Instrument :

MSVOA_D

ClientSampleId :

WC-15-1-8-GR

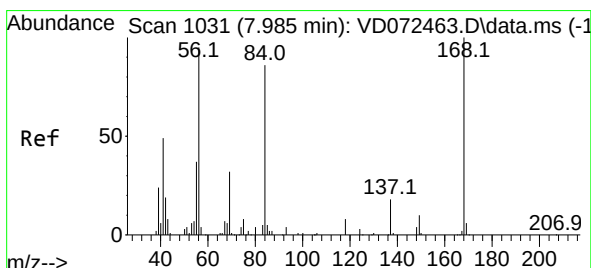
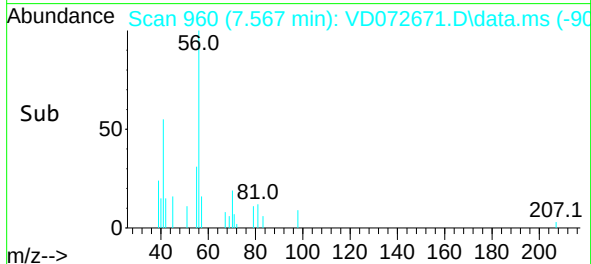
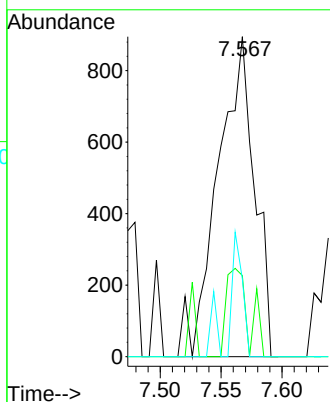
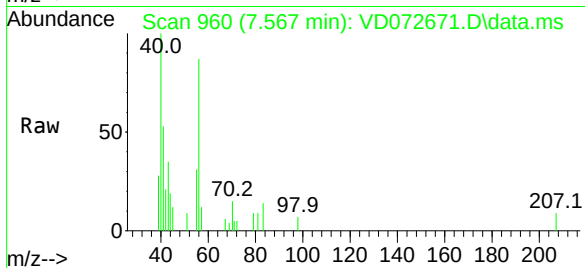
Tgt Ion: 42 Resp: 1868

Ion Ratio Lower Upper

42 100

72 16.9 30.7 46.1#

71 0.0 28.6 43.0#



#31

Cyclohexane

Concen: 99.072 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD072671.D

Acq: 21 Apr 2022 15:21

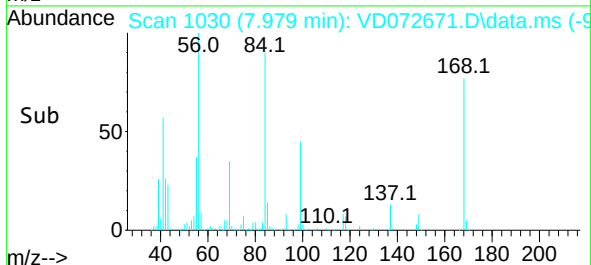
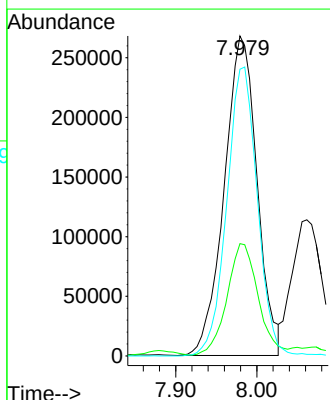
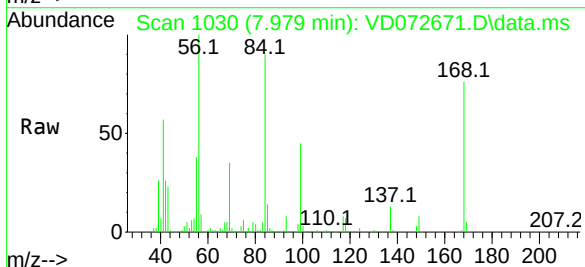
Tgt Ion: 56 Resp: 752099

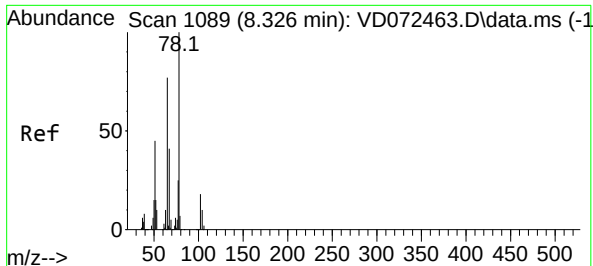
Ion Ratio Lower Upper

56 100

69 34.3 25.4 38.2

84 89.8 63.0 94.4





#33

1,2-Dichloroethane-d4

Concen: 46.506 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072671.D

Acq: 21 Apr 2022 15:21

Instrument :

MSVOA_D

ClientSampleId :

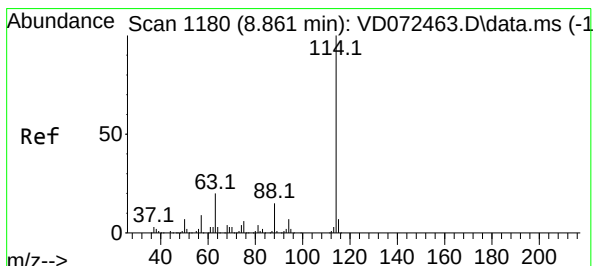
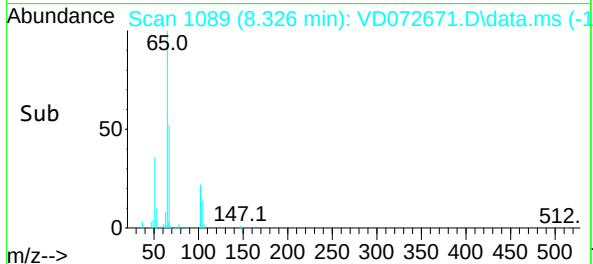
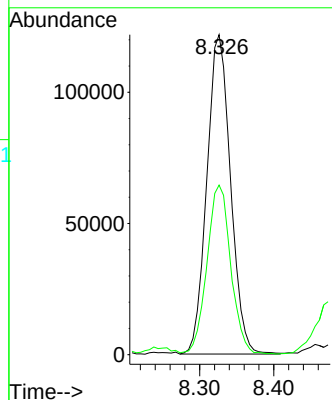
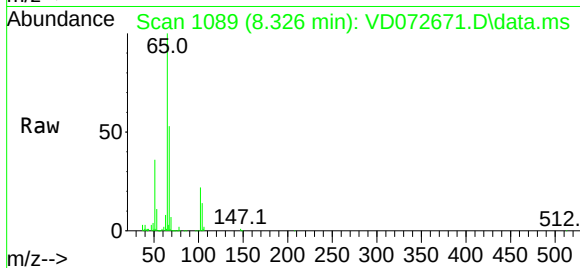
WC-15-1-8-GR

Tgt Ion: 65 Resp: 270001

Ion Ratio Lower Upper

65 100

67 53.1 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072671.D

Acq: 21 Apr 2022 15:21

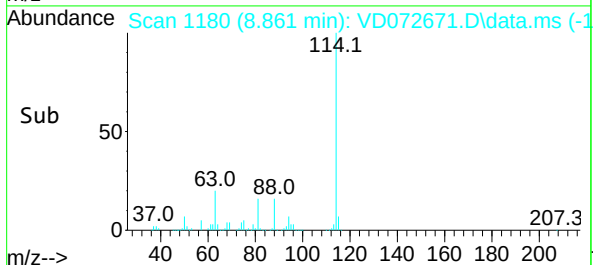
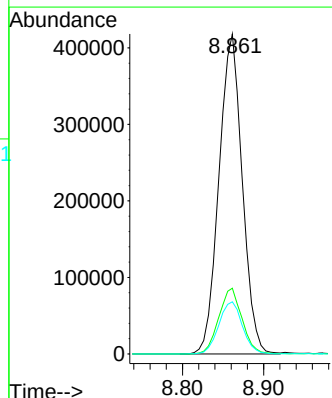
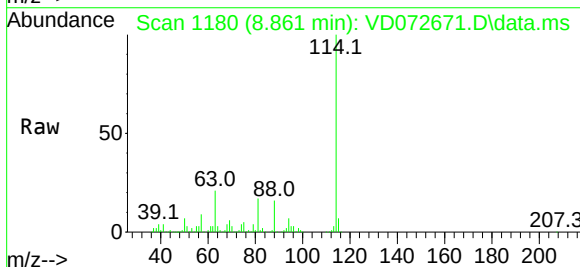
Tgt Ion: 114 Resp: 834440

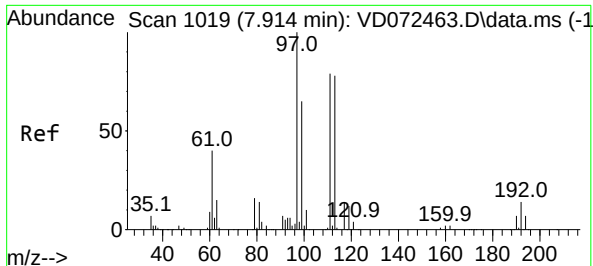
Ion Ratio Lower Upper

114 100

63 20.5 0.0 46.6

88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 42.621 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072671.D

Acq: 21 Apr 2022 15:21

Instrument :

MSVOA_D

ClientSampleId :

WC-15-1-8-GR

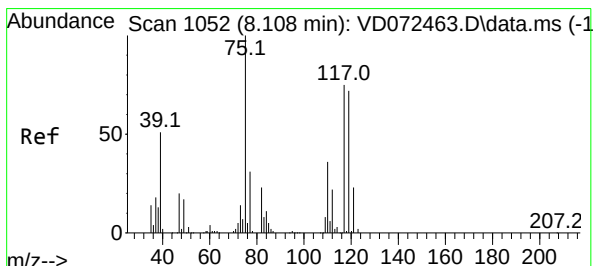
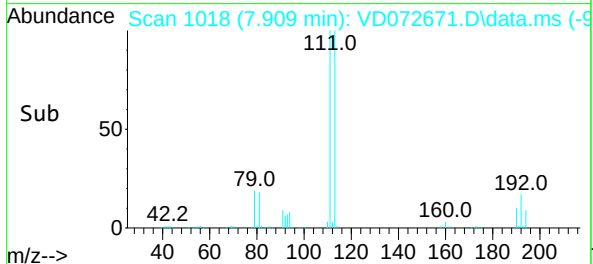
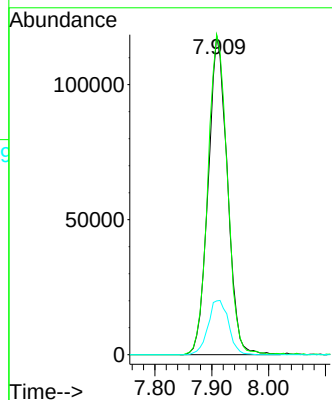
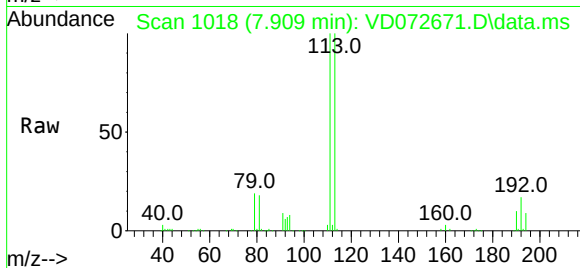
Tgt Ion:113 Resp: 276387

Ion Ratio Lower Upper

113 100

111 101.8 83.8 125.6

192 18.2 14.6 21.8



#36

1,1-Dichloropropene

Concen: 5.908 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD072671.D

Acq: 21 Apr 2022 15:21

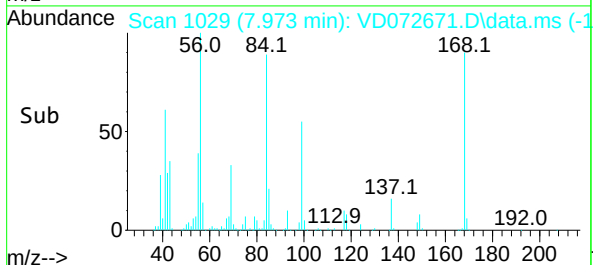
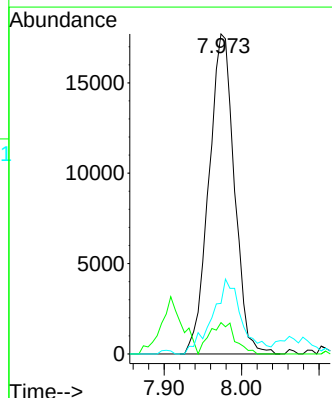
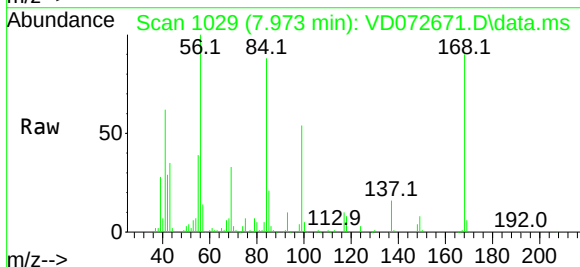
Tgt Ion: 75 Resp: 40556

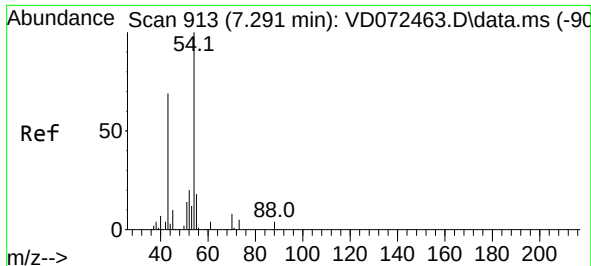
Ion Ratio Lower Upper

75 100

110 9.8 16.4 49.1#

77 27.1 24.2 36.2

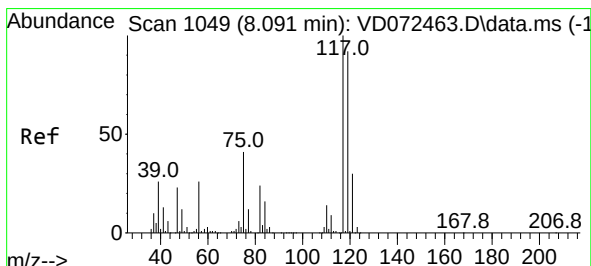
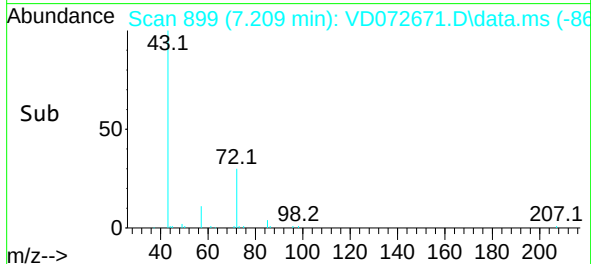
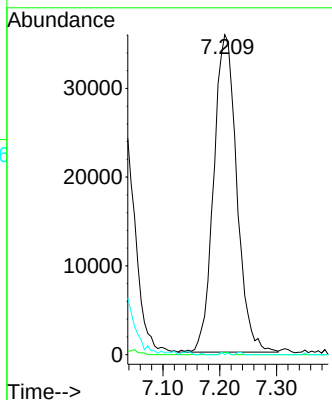
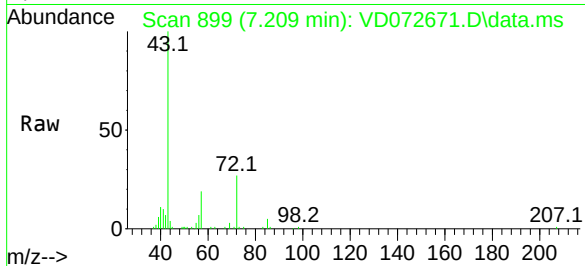




#37
Ethyl Acetate
Concen: 29.453 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.082 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

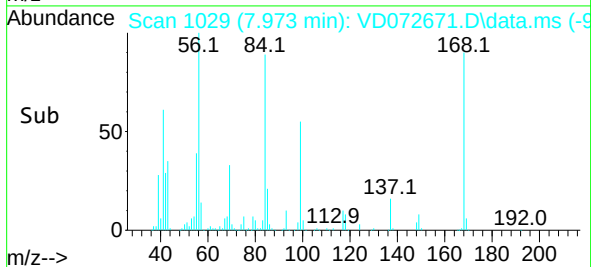
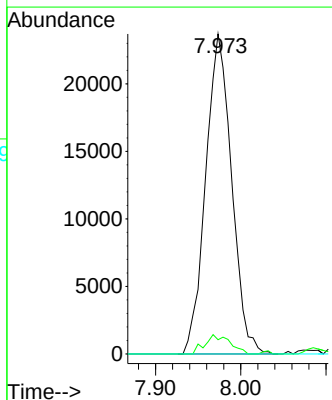
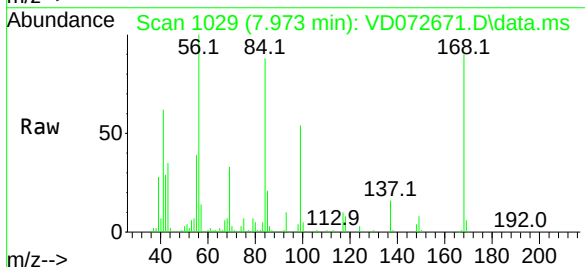
Instrument :
MSVOA_D
ClientSampleId :
WC-15-1-8-GR

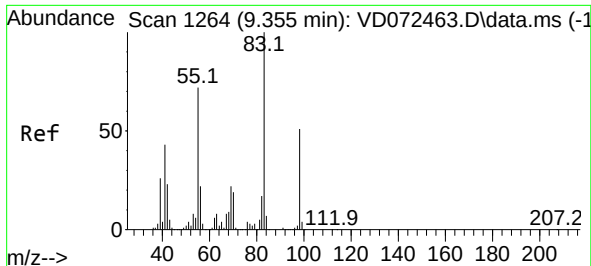
Tgt Ion: 43 Resp: 101203
Ion Ratio Lower Upper
43 100
61 0.2 9.8 14.8#
70 0.0 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 5.625 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.117 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

Tgt Ion: 117 Resp: 50252
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.6#
121 0.0 24.5 36.7#





#39

Methylcyclohexane

Concen: 436.335 ug/l

RT: 9.350 min Scan# 1

Delta R.T. -0.005 min

Lab File: VD072671.D

Acq: 21 Apr 2022 15:21

Instrument :

MSVOA_D

ClientSampleId :

WC-15-1-8-GR

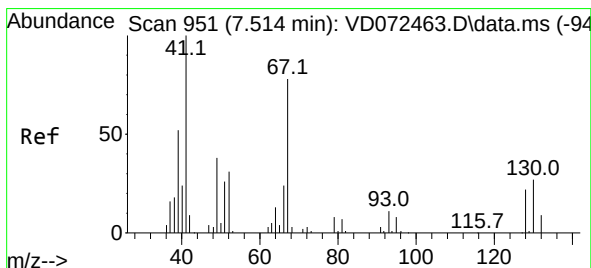
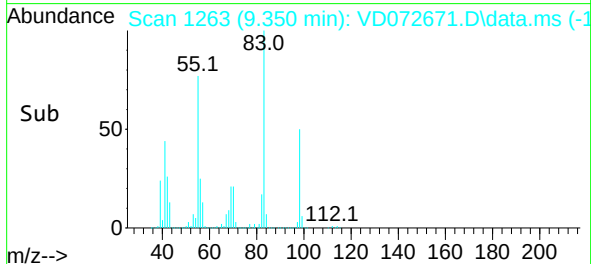
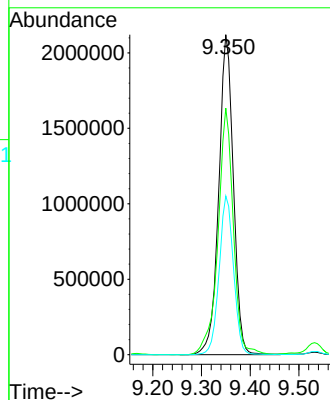
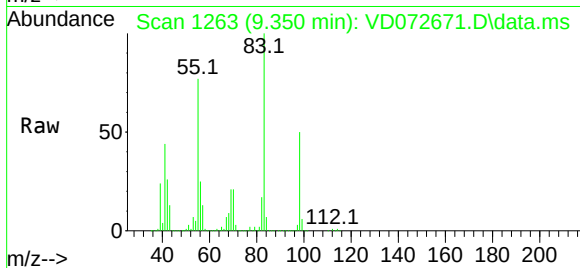
Tgt Ion: 83 Resp: 4438699

Ion Ratio Lower Upper

83 100

55 77.0 63.2 94.8

98 49.6 38.2 57.4



#41

Methacrylonitrile

Concen: 5.178 ug/l

RT: 7.550 min Scan# 957

Delta R.T. 0.036 min

Lab File: VD072671.D

Acq: 21 Apr 2022 15:21

Tgt Ion: 41 Resp: 7310

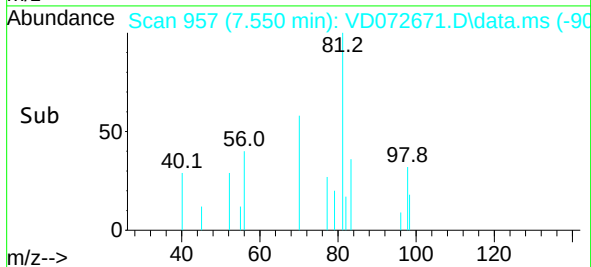
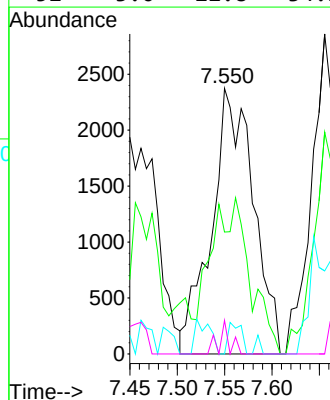
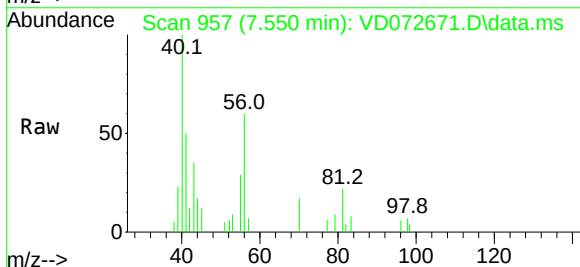
Ion Ratio Lower Upper

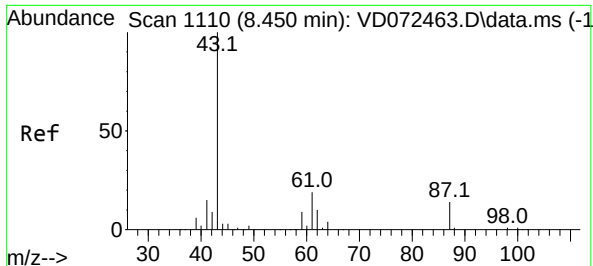
41 100

39 16.5 44.6 67.0#

67 0.0 48.2 72.4#

52 3.0 22.8 34.2#

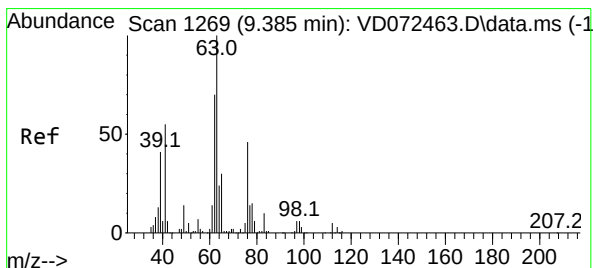
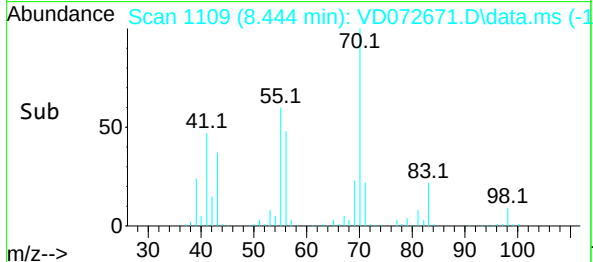
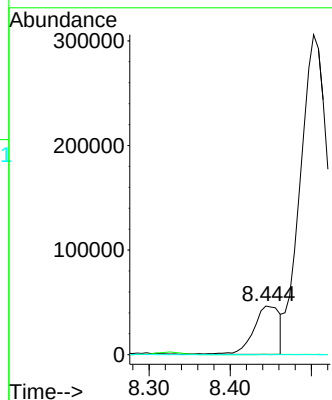
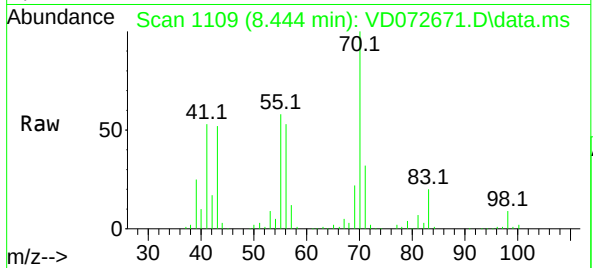




#43
Isopropyl Acetate
Concen: 15.631 ug/l
RT: 8.444 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

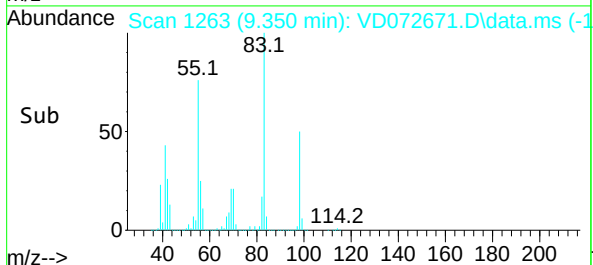
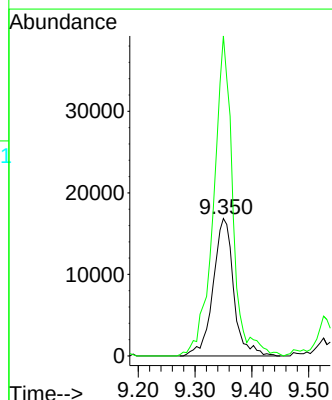
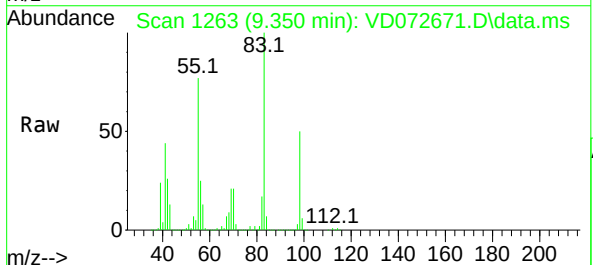
Instrument :
MSVOA_D
ClientSampleId :
WC-15-1-8-GR

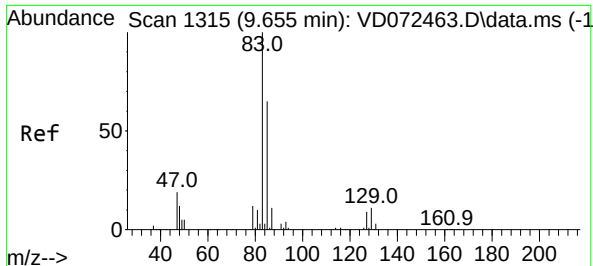
Tgt Ion: 43 Resp: 103027
Ion Ratio Lower Upper
43 100
61 0.2 22.4 33.6#
87 0.0 8.7 13.1#



#45
1,2-Dichloropropane
Concen: 6.725 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. -0.035 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

Tgt Ion: 63 Resp: 42368
Ion Ratio Lower Upper
63 100
65 231.8 26.2 39.4#

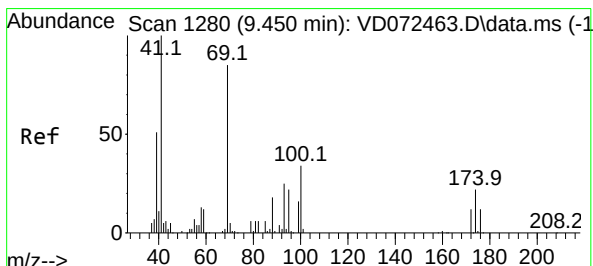
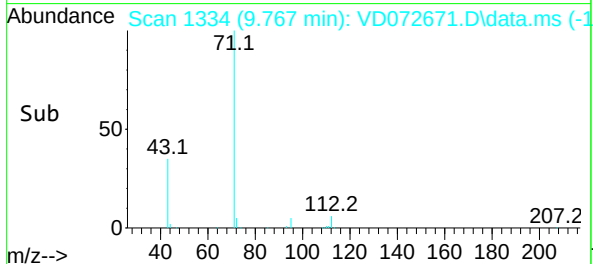
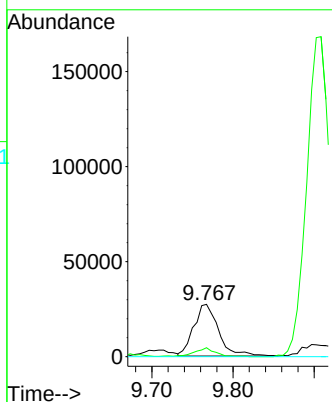
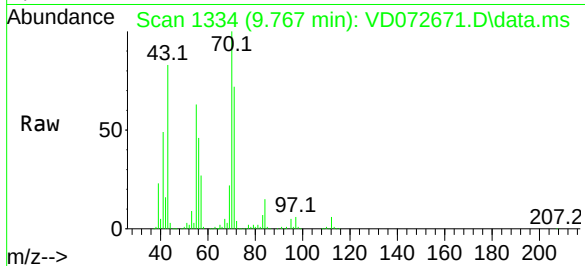




#47
Bromodichloromethane
Concen: 6.081 ug/l
RT: 9.767 min Scan# 11
Delta R.T. 0.112 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

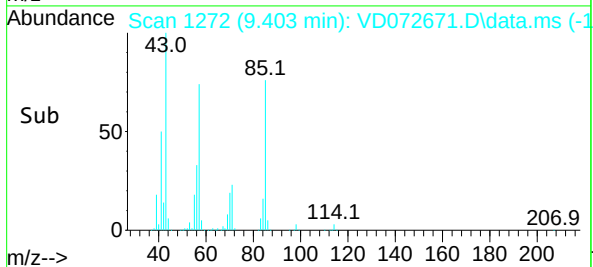
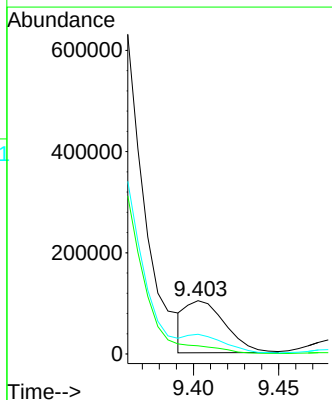
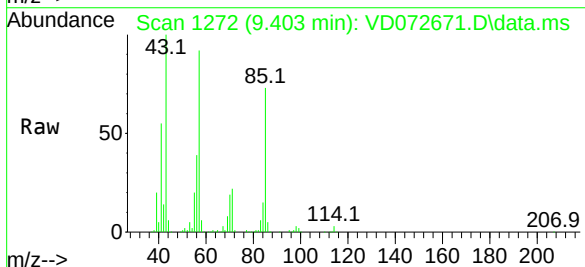
Instrument :
MSVOA_D
ClientSampleId :
WC-15-1-8-GR

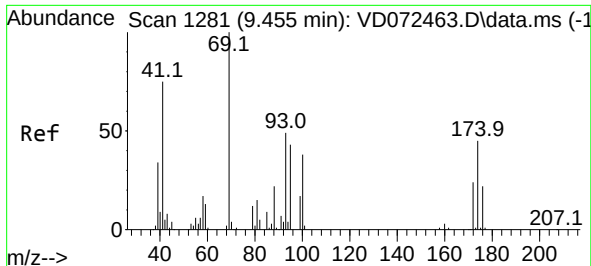
Tgt Ion: 83 Resp: 57740
Ion Ratio Lower Upper
83 100
85 15.5 51.4 77.0#
127 0.0 6.1 9.1#



#48
Methyl methacrylate
Concen: 52.085 ug/l
RT: 9.403 min Scan# 1272
Delta R.T. -0.047 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

Tgt Ion: 41 Resp: 166667
Ion Ratio Lower Upper
41 100
69 0.0 56.7 85.1#
39 0.0 42.7 64.1#





#49

1,4-Dioxane

Concen: 1.373 ug/l

RT: 9.344 min Scan# 11

Delta R.T. -0.112 min

Lab File: VD072671.D

Acq: 21 Apr 2022 15:21

Instrument :

MSVOA_D

ClientSampleId :

WC-15-1-8-GR

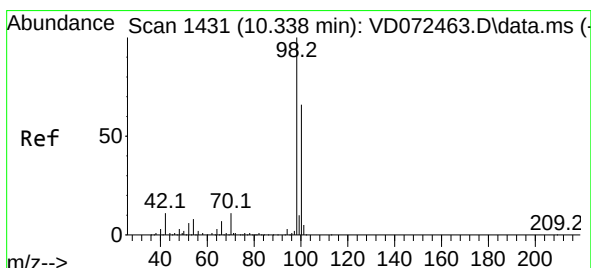
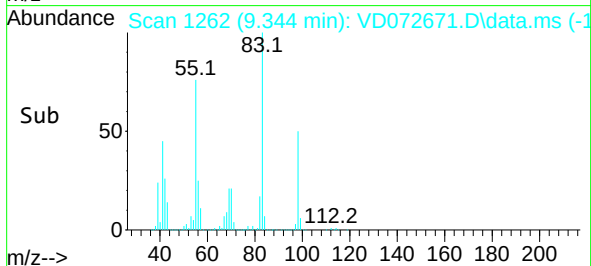
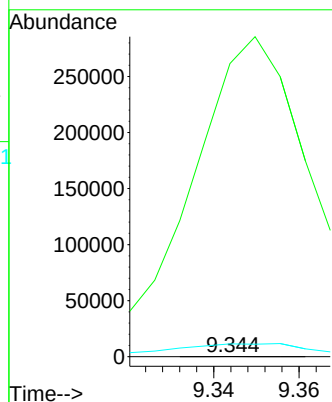
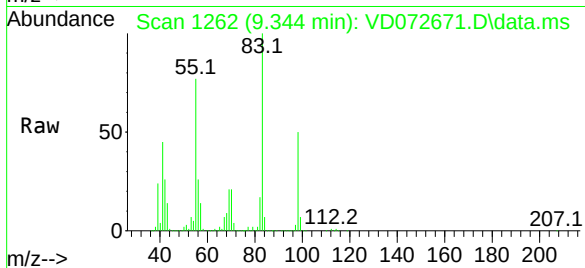
Tgt Ion: 88 Resp: 54

Ion Ratio Lower Upper

88 100

43 1199150.0 31.0 46.4#

58 48016.7 58.1 87.1#



#50

Toluene-d8

Concen: 55.671 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD072671.D

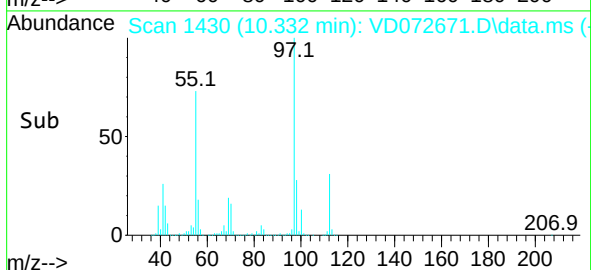
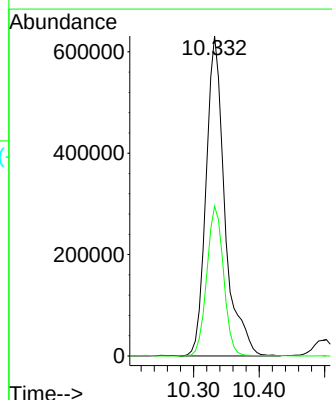
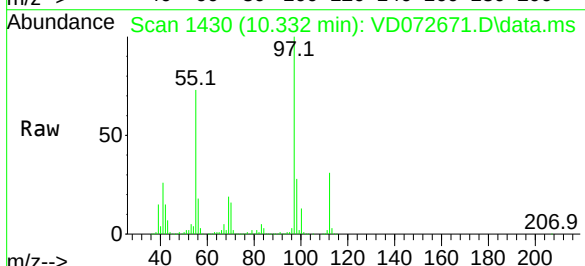
Acq: 21 Apr 2022 15:21

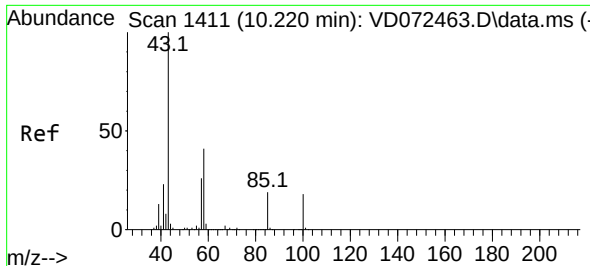
Tgt Ion: 98 Resp: 1254901

Ion Ratio Lower Upper

98 100

100 41.9 52.4 78.6#

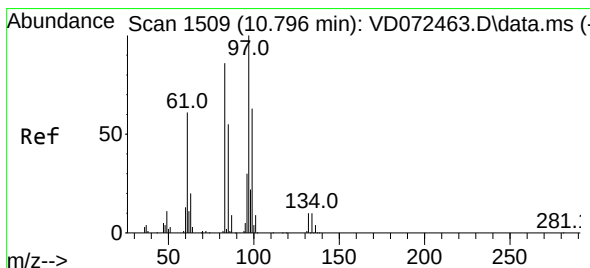
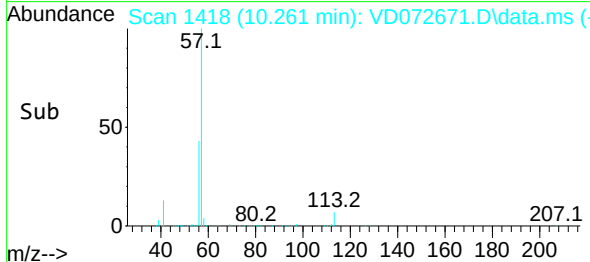
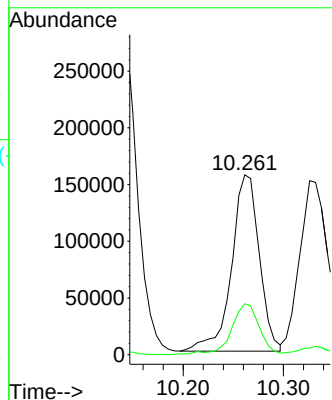
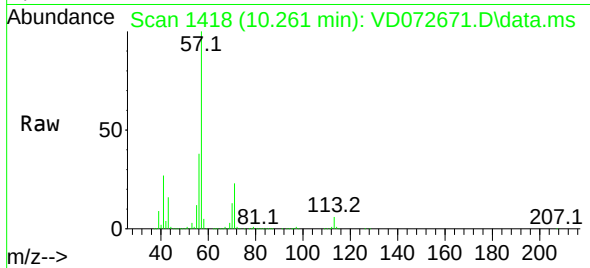




#51
4-Methyl-2-Pentanone
Concen: 84.607 ug/l
RT: 10.261 min Scan# 1411
Delta R.T. 0.041 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

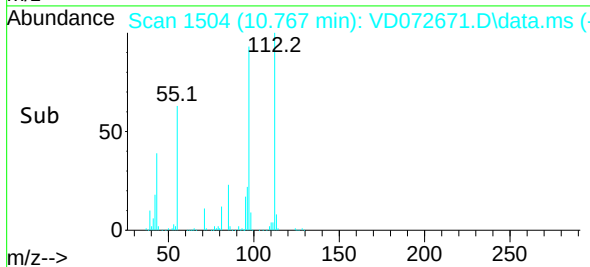
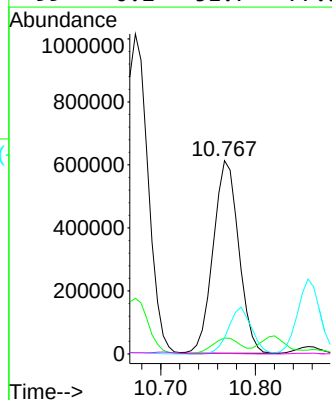
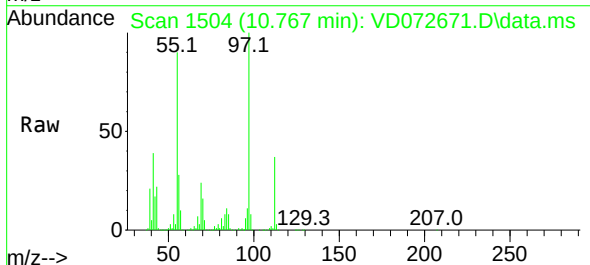
Instrument :
MSVOA_D
ClientSampleId :
WC-15-1-8-GR

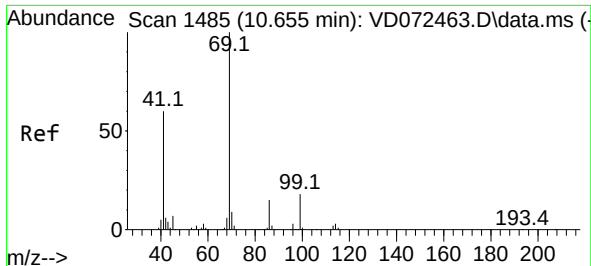
Tgt Ion: 43 Resp: 299221
Ion Ratio Lower Upper
43 100
58 29.0 28.6 43.0



#55
1,1,2-Trichloroethane
Concen: 228.421 ug/l
RT: 10.767 min Scan# 1504
Delta R.T. -0.029 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

Tgt Ion: 97 Resp: 1144598
Ion Ratio Lower Upper
97 100
83 8.0 69.0 103.4#
85 8.3 42.6 63.8#
99 0.2 51.7 77.5#

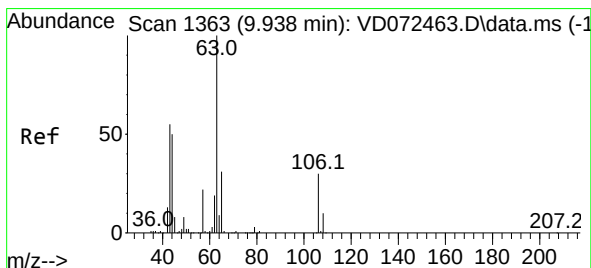
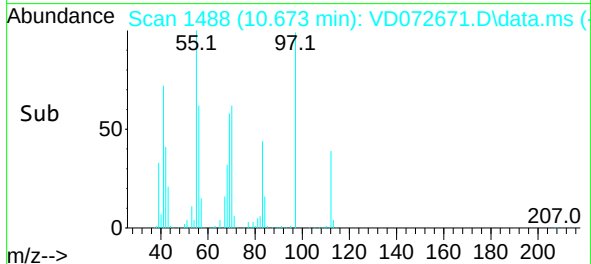
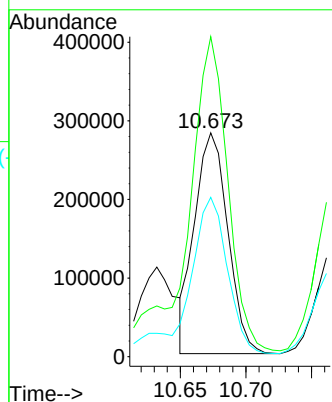
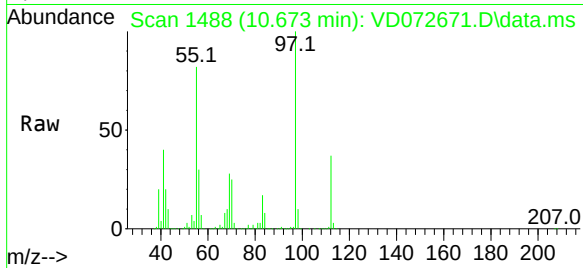




#56
Ethyl methacrylate
Concen: 79.711 ug/l
RT: 10.673 min Scan# 1488
Delta R.T. 0.018 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

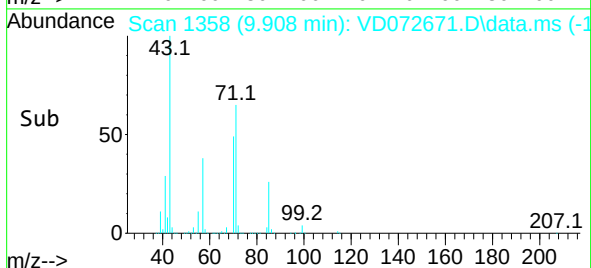
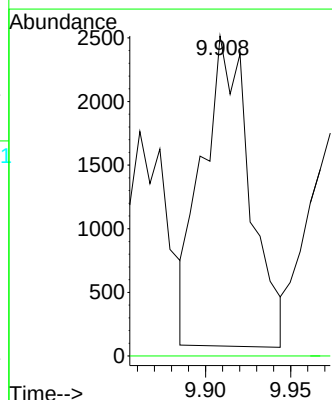
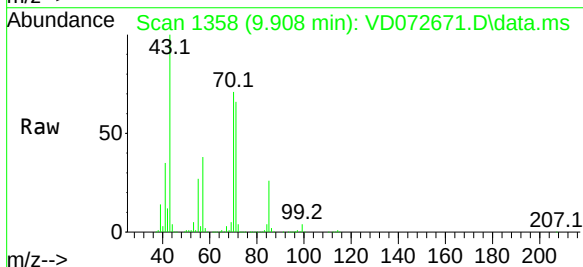
Instrument :
MSVOA_D
ClientSampleId :
WC-15-1-8-GR

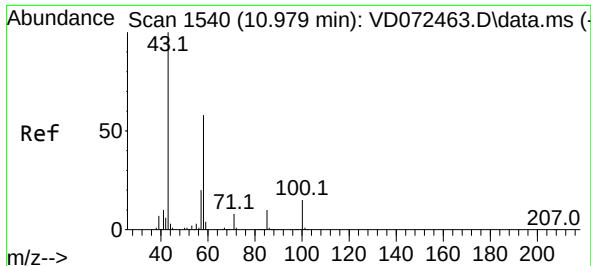
Tgt Ion: 69 Resp: 495586
Ion Ratio Lower Upper
69 100
41 176.6 63.0 94.6#
39 85.9 33.8 50.8#



#58
2-Chloroethyl Vinyl ether
Concen: 1.918 ug/l
RT: 9.908 min Scan# 1358
Delta R.T. -0.029 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

Tgt Ion: 63 Resp: 4744
Ion Ratio Lower Upper
63 100
106 0.0 21.4 32.0#

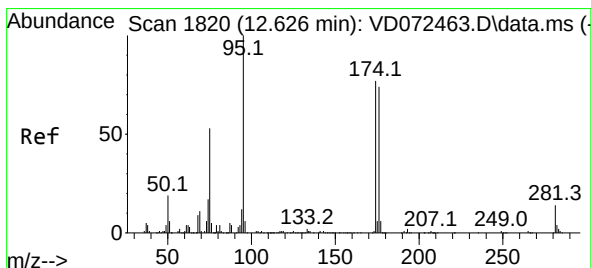
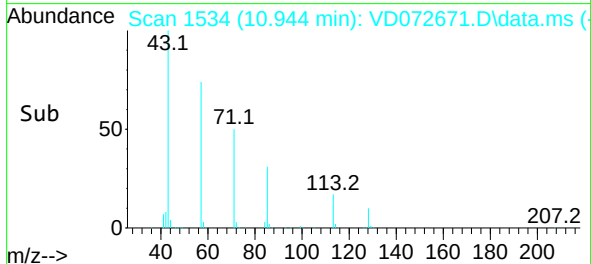
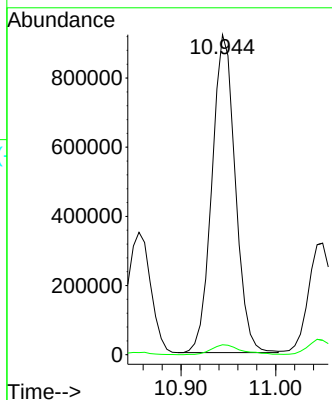
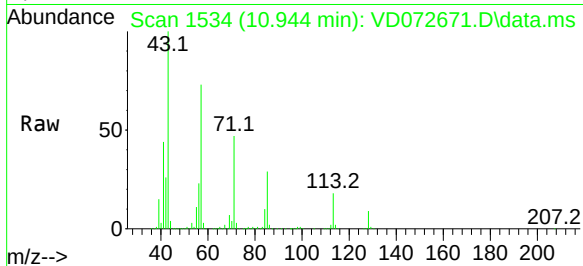




#59
2-Hexanone
Concen: 655.940 ug/l
RT: 10.944 min Scan# 11
Delta R.T. -0.035 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

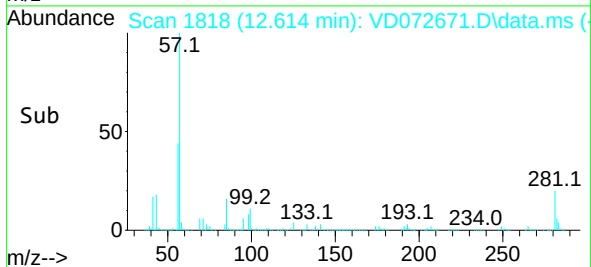
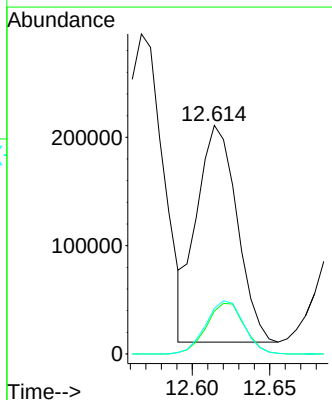
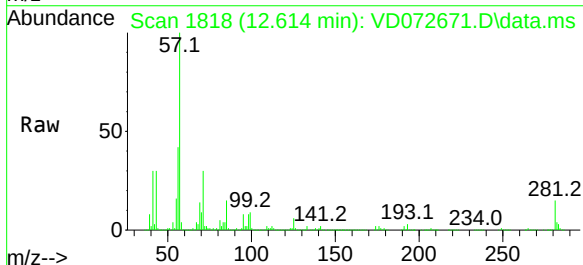
Instrument :
MSVOA_D
ClientSampleId :
WC-15-1-8-GR

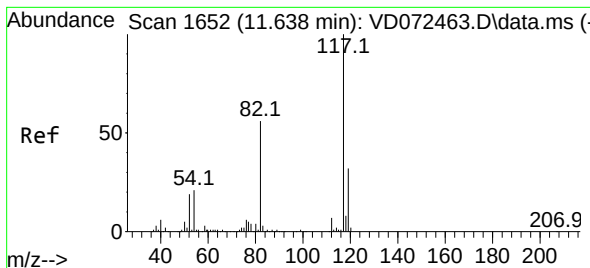
Tgt Ion: 43 Resp: 1577515
Ion Ratio Lower Upper
43 100
58 3.9 25.3 75.9#



#62
4-Bromofluorobenzene
Concen: 41.339 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.012 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

Tgt Ion: 95 Resp: 363925
Ion Ratio Lower Upper
95 100
174 22.0 0.0 152.8
176 23.0 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD072671.D

Acq: 21 Apr 2022 15:21

Instrument :

MSVOA_D

ClientSampleId :

WC-15-1-8-GR

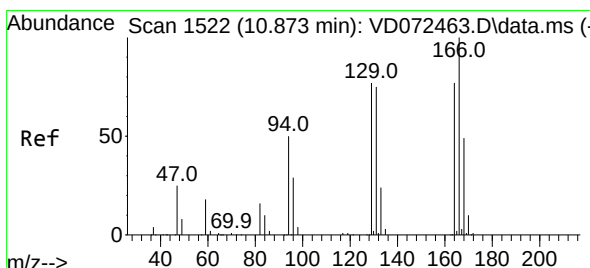
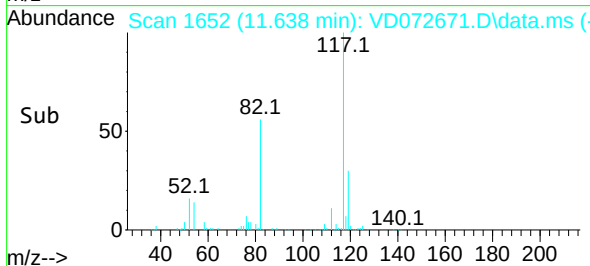
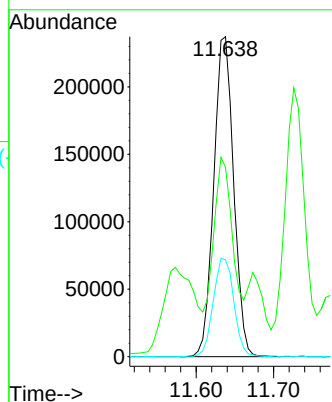
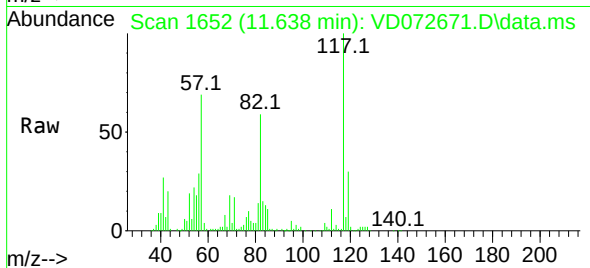
Tgt Ion:117 Resp: 422260

Ion Ratio Lower Upper

117 100

82 34.9 45.3 67.9#

119 30.3 26.6 40.0



#64

Tetrachloroethene

Concen: 1.095 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. -0.006 min

Lab File: VD072671.D

Acq: 21 Apr 2022 15:21

Tgt Ion:164 Resp: 3022

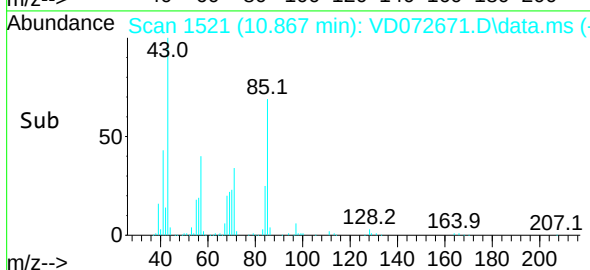
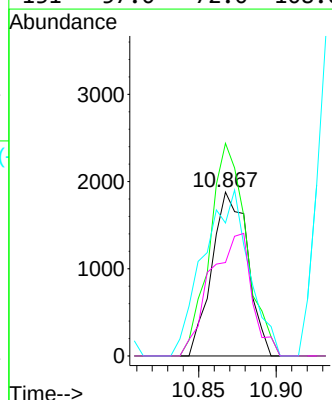
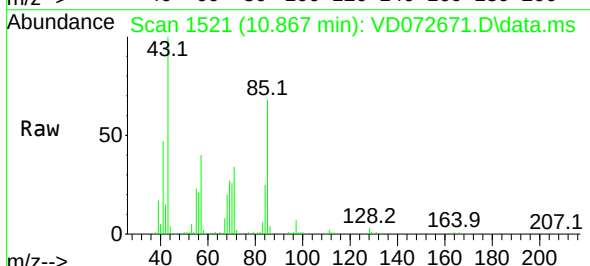
Ion Ratio Lower Upper

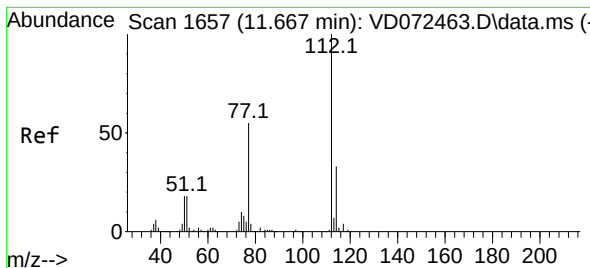
164 100

166 129.7 98.5 147.7

129 81.1 74.6 111.8

131 57.0 72.0 108.0#





#65

Chlorobenzene

Concen: 38.498 ug/l

RT: 11.661 min Scan# 1656

Delta R.T. -0.006 min

Lab File: VD072671.D

Acq: 21 Apr 2022 15:21

Instrument :

MSVOA_D

ClientSampleId :

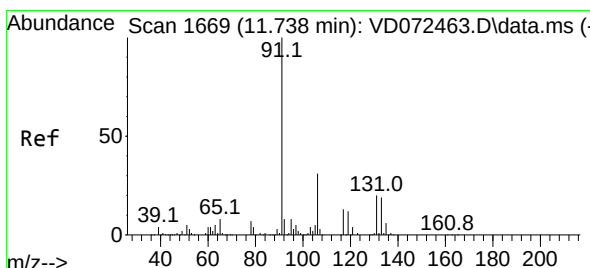
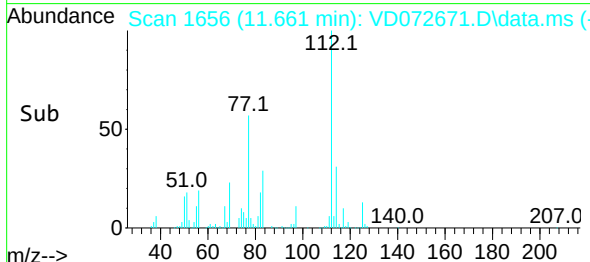
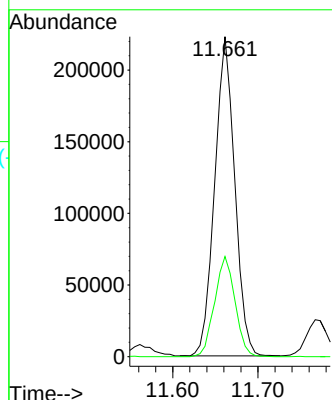
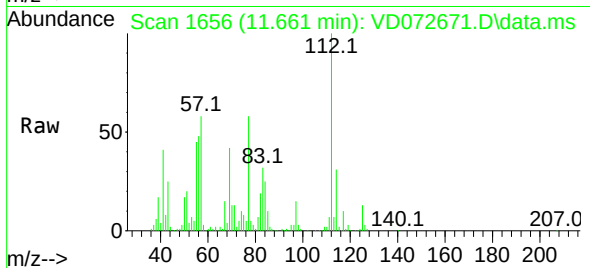
WC-15-1-8-GR

Tgt Ion:112 Resp: 363444

Ion Ratio Lower Upper

112 100

114 31.4 25.8 38.6



#67

Ethyl Benzene

Concen: 1.012 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. 0.000 min

Lab File: VD072671.D

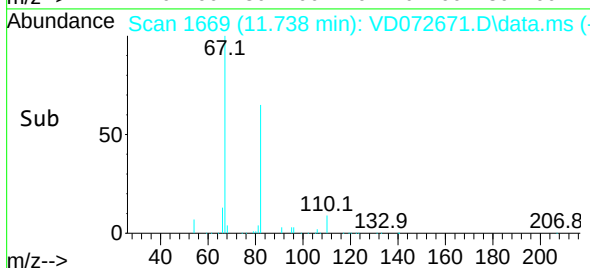
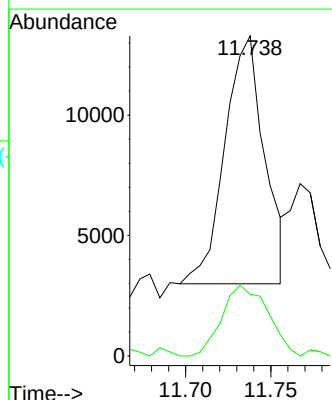
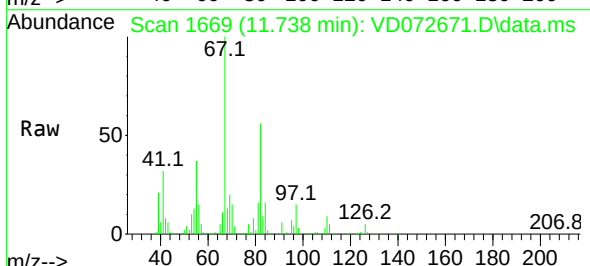
Acq: 21 Apr 2022 15:21

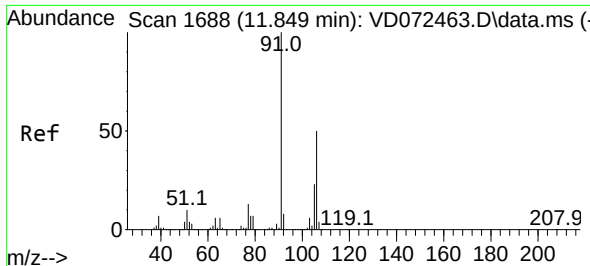
Tgt Ion: 91 Resp: 16669

Ion Ratio Lower Upper

91 100

106 24.8 24.2 36.4

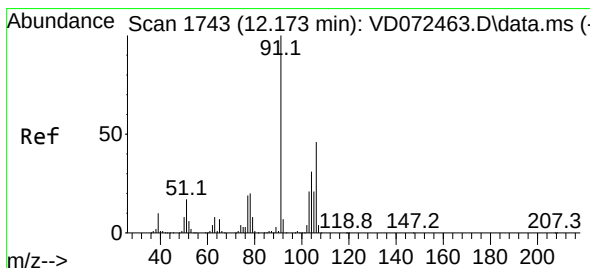
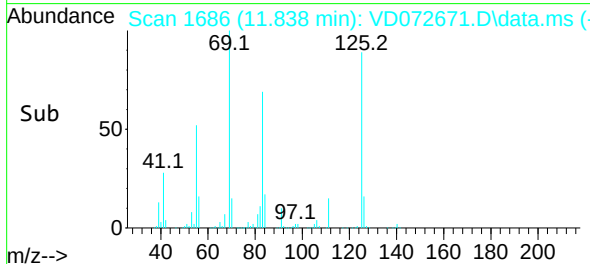
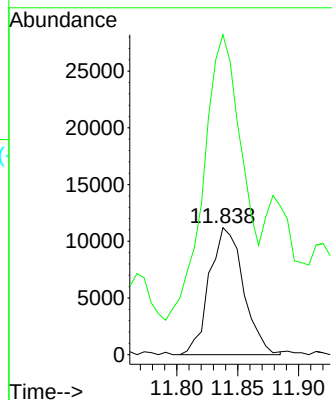
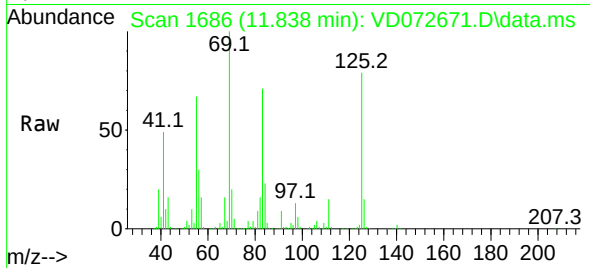




#68
m/p-Xylenes
Concen: 3.496 ug/l
RT: 11.838 min Scan# 1686
Delta R.T. -0.012 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

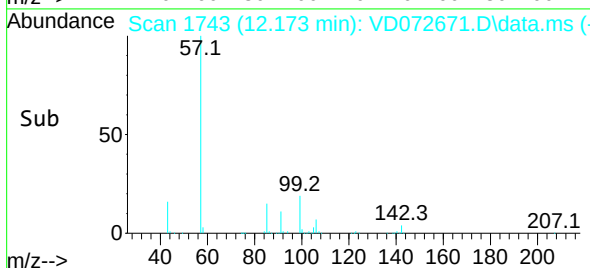
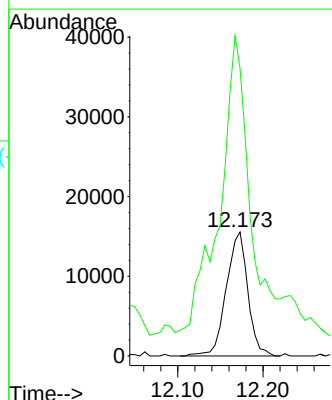
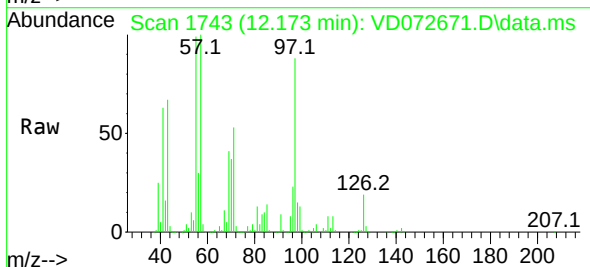
Instrument :
MSVOA_D
ClientSampleId :
WC-15-1-8-GR

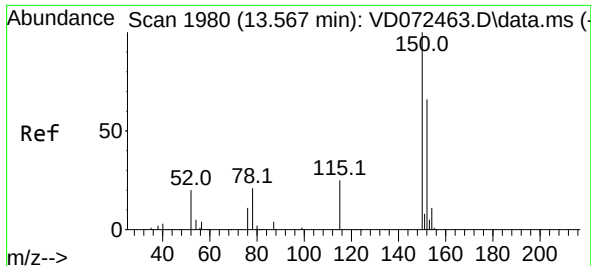
Tgt Ion:106 Resp: 21847
Ion Ratio Lower Upper
106 100
91 258.1 163.7 245.5#



#69
o-Xylene
Concen: 4.520 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

Tgt Ion:106 Resp: 27257
Ion Ratio Lower Upper
106 100
91 324.3 110.4 331.2

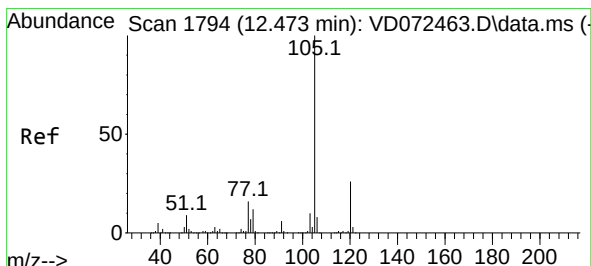
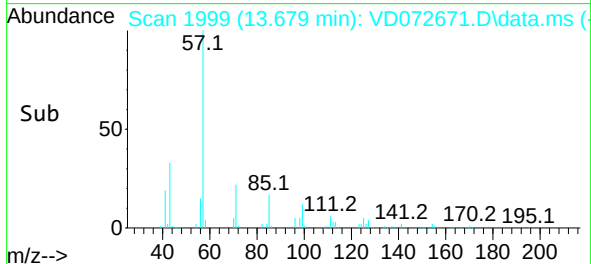
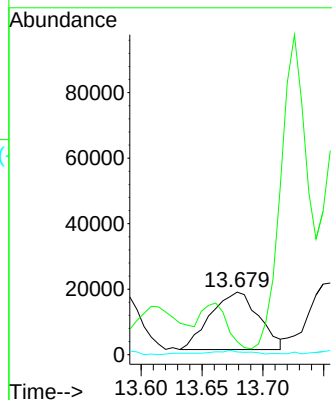
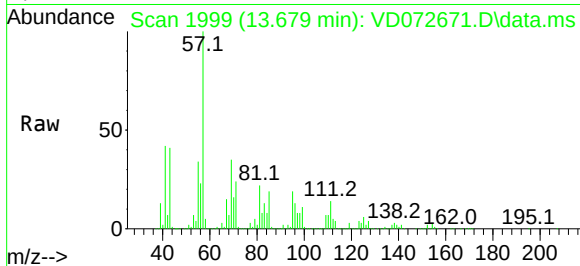




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.679 min Scan# 1999
Delta R.T. 0.112 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

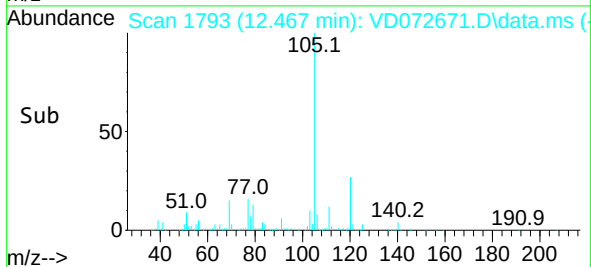
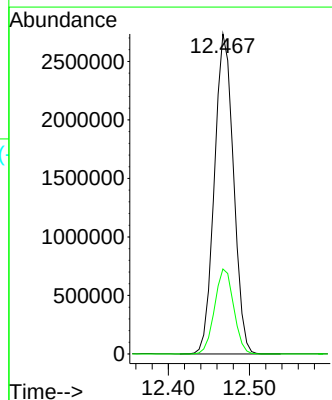
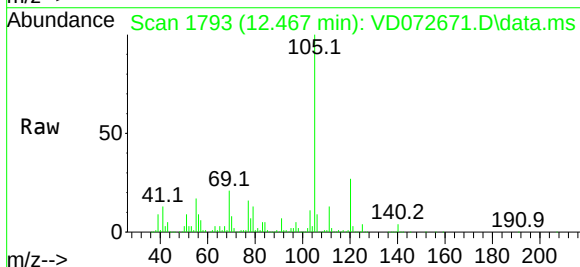
Instrument :
MSVOA_D
ClientSampleId :
WC-15-1-8-GR

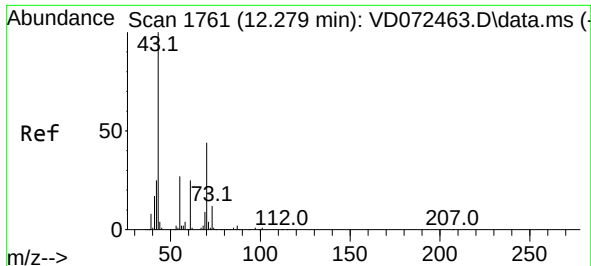
Tgt Ion:152 Resp: 48396
Ion Ratio Lower Upper
152 100
115 41.7 31.3 93.8
150 4.5 0.0 348.6



#73
Isopropylbenzene
Concen: 1143.522 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

Tgt Ion:105 Resp: 4469450
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9

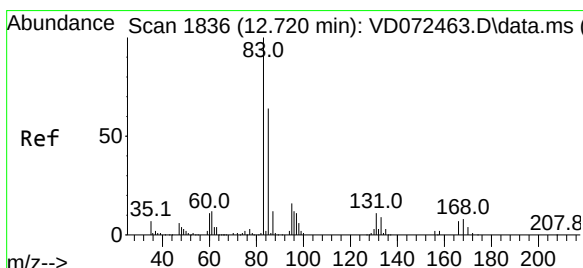
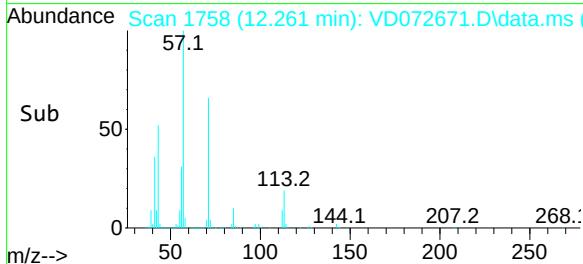
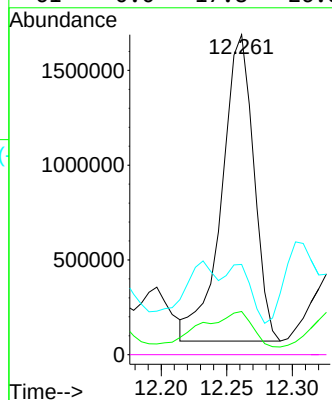
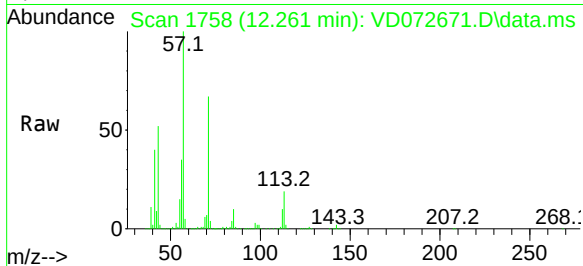




#74
N-amy1 acetate
Concen: 3357.191 ug/l
RT: 12.261 min Scan# 1758
Delta R.T. -0.017 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

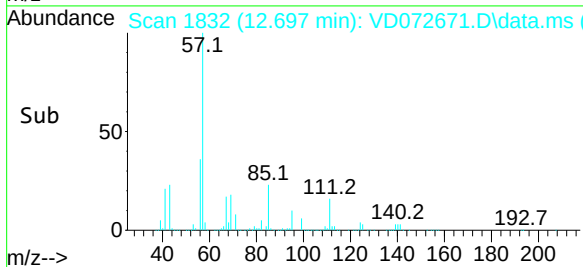
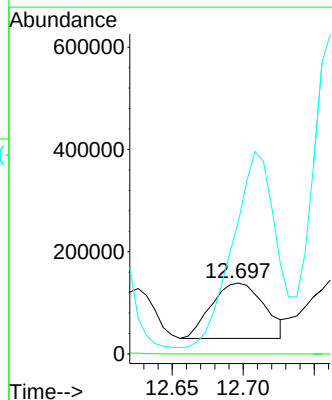
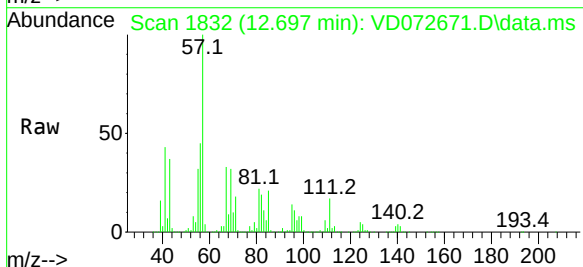
Instrument :
MSVOA_D
ClientSampleId :
WC-15-1-8-GR

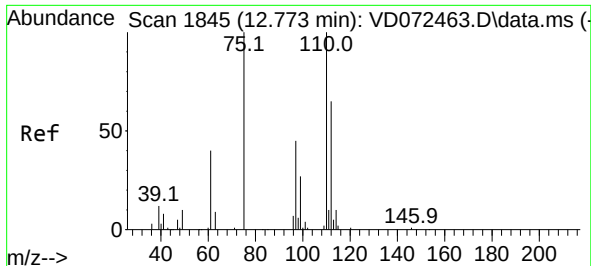
Tgt Ion: 43 Resp: 2753176
Ion Ratio Lower Upper
43 100
70 18.1 31.3 46.9#
55 0.0 20.0 30.0#
61 0.0 17.8 26.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 378.408 ug/l
RT: 12.697 min Scan# 1832
Delta R.T. -0.023 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

Tgt Ion: 83 Resp: 280142
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 287.0 32.6 98.0#

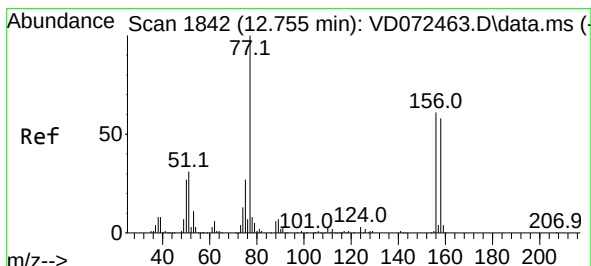
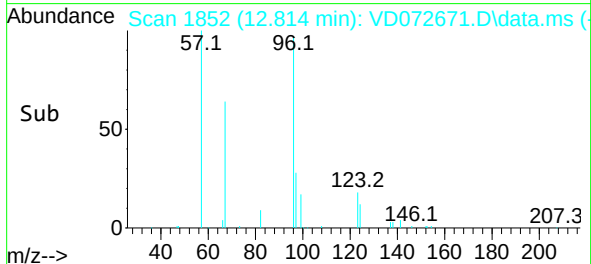
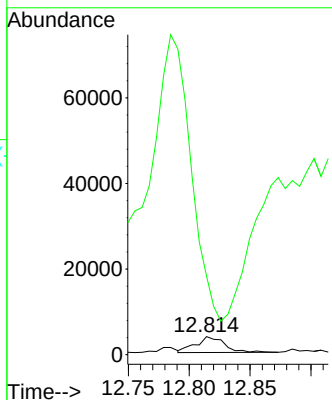
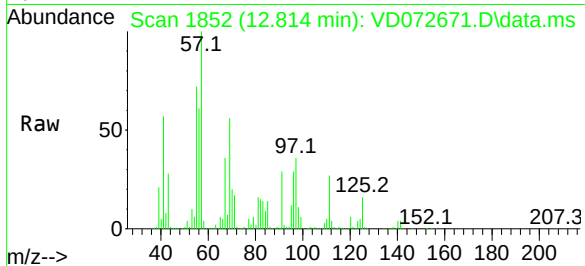




#76
1,2,3-Trichloropropane
Concen: 11.473 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.041 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

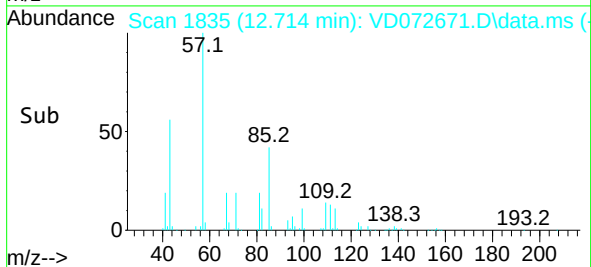
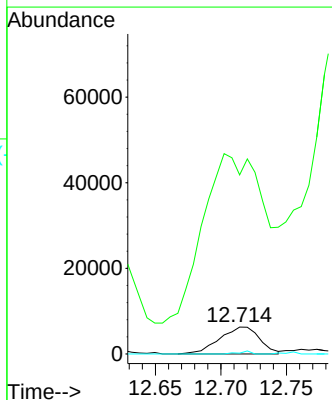
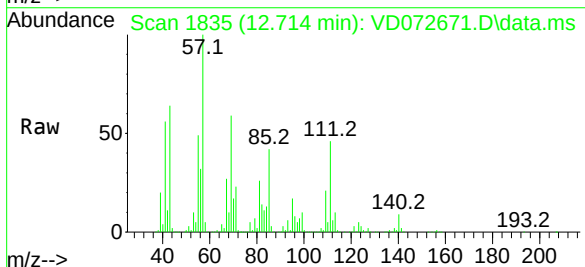
Instrument :
MSVOA_D
ClientSampleId :
WC-15-1-8-GR

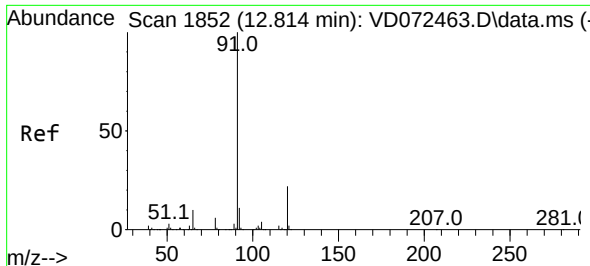
Tgt Ion: 75 Resp: 6056
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 15.238 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.041 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

Tgt Ion: 156 Resp: 13349
Ion Ratio Lower Upper
156 100
77 980.7 102.8 308.3#
158 3.0 48.7 146.1#

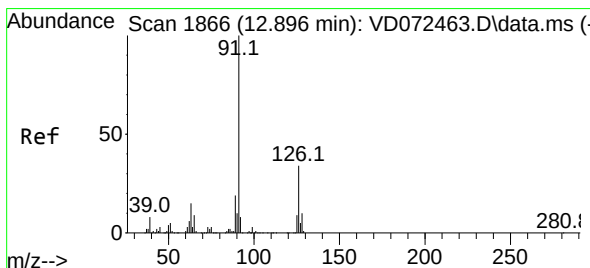
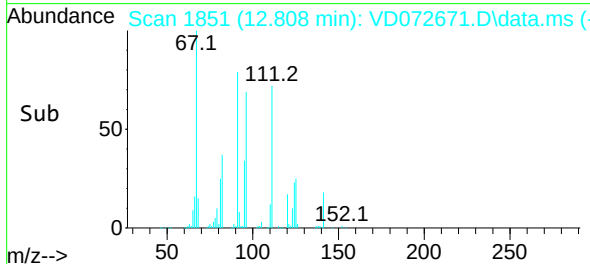
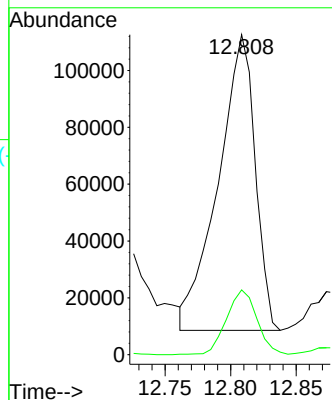
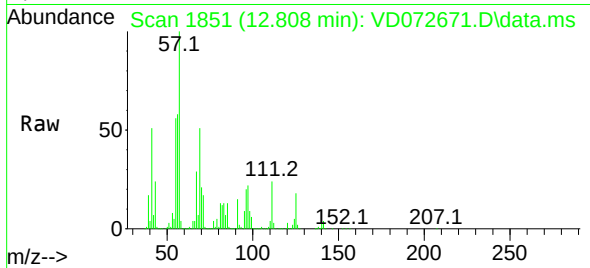




#78
n-propylbenzene
Concen: 43.189 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

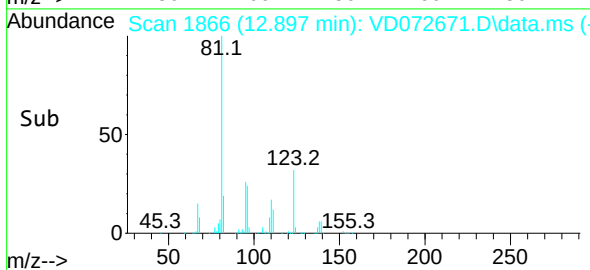
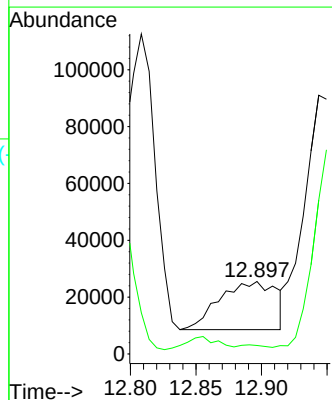
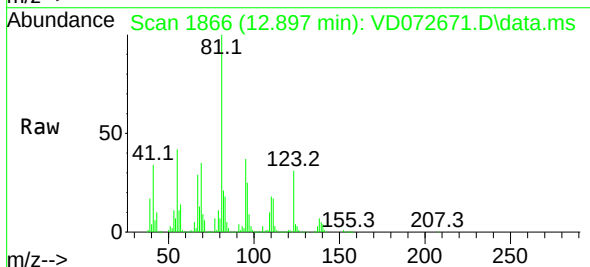
Instrument :
MSVOA_D
ClientSampleId :
WC-15-1-8-GR

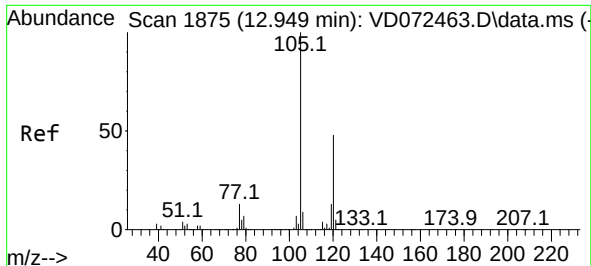
Tgt Ion: 91 Resp: 203638
Ion Ratio Lower Upper
91 100
120 18.1 10.9 32.9



#79
2-Chlorotoluene
Concen: 18.437 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

Tgt Ion: 91 Resp: 50838
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.6#

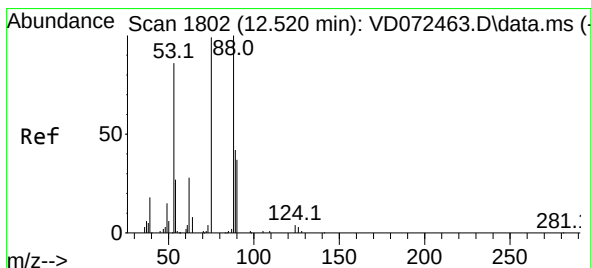
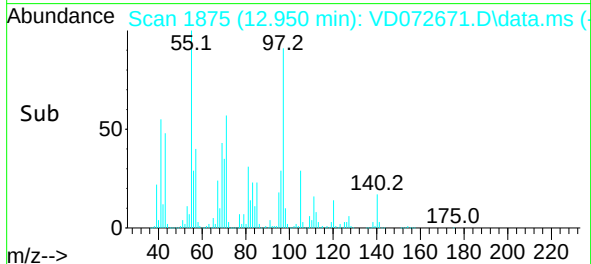
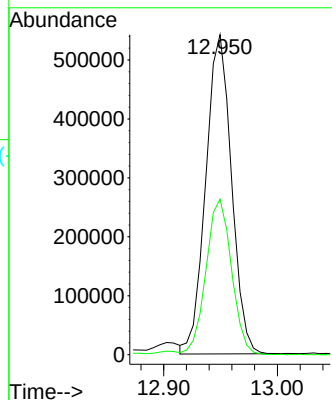
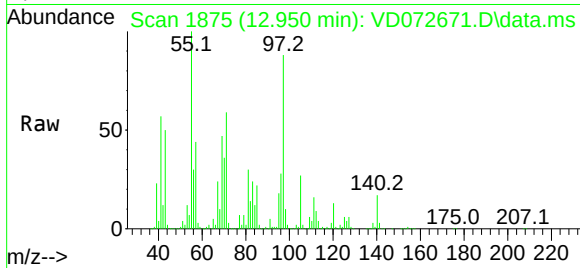




#80
1,3,5-Trimethylbenzene
Concen: 254.350 ug/l
RT: 12.950 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

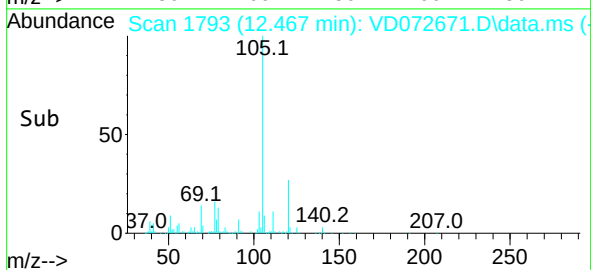
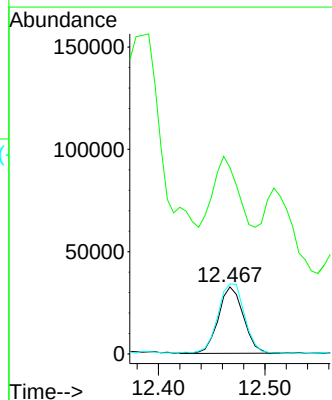
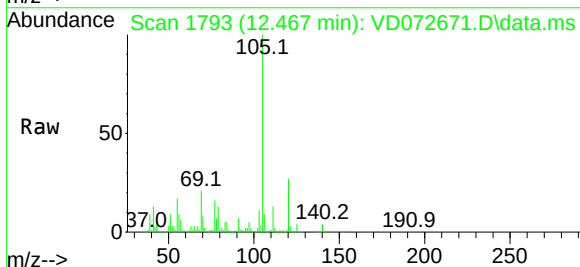
Instrument :
MSVOA_D
ClientSampleId :
WC-15-1-8-GR

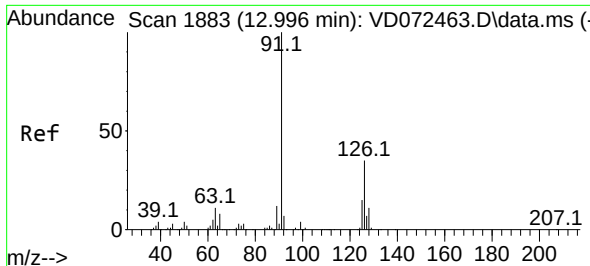
Tgt Ion:105 Resp: 851418
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8



#81
trans-1,4-Dichloro-2-butene
Concen: 246.094 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.053 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

Tgt Ion: 75 Resp: 52937
Ion Ratio Lower Upper
75 100
53 95.9 86.5 129.7
89 110.6 33.9 50.9#

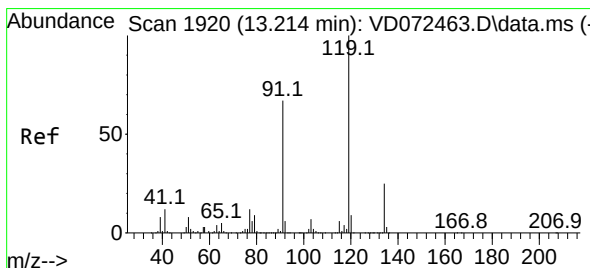
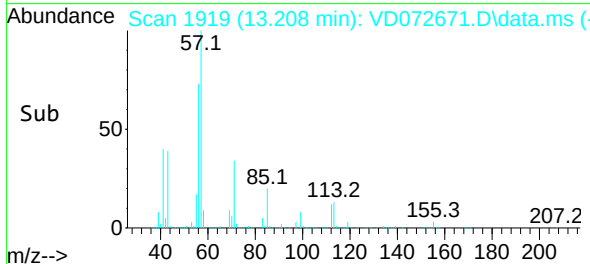
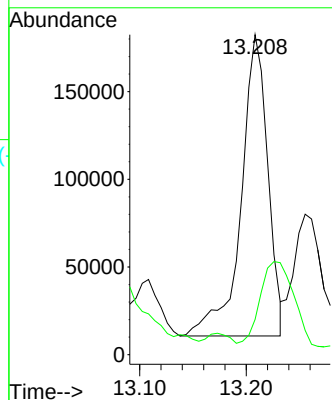
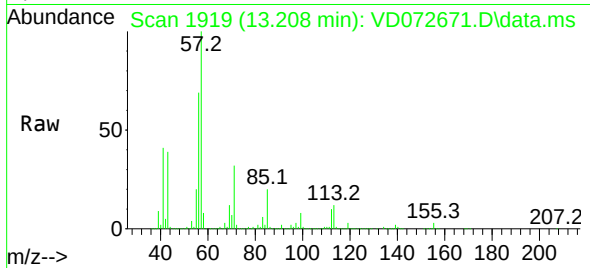




#82
4-Chlorotoluene
Concen: 104.377 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.212 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

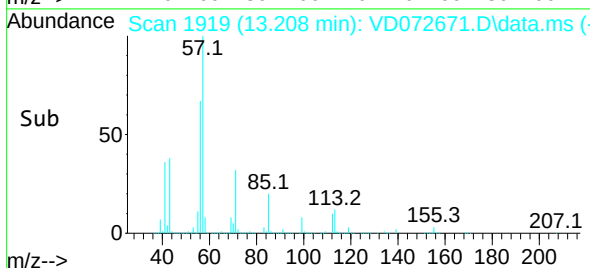
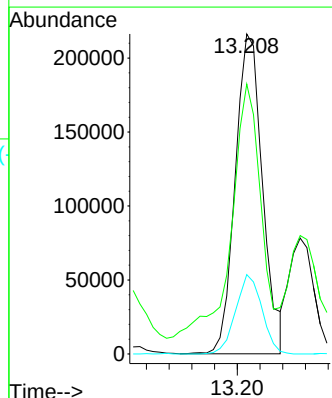
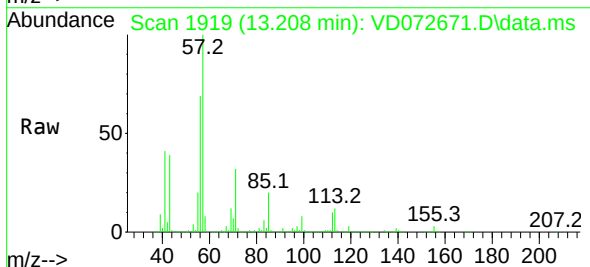
Instrument :
MSVOA_D
ClientSampleId :
WC-15-1-8-GR

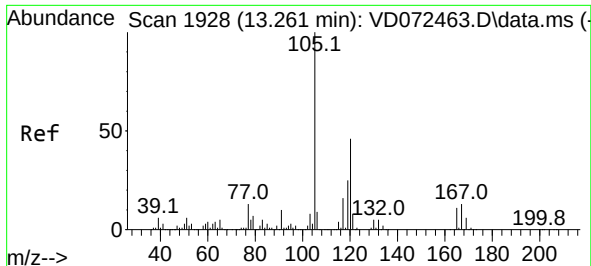
Tgt Ion: 91 Resp: 299753
Ion Ratio Lower Upper
91 100
126 36.1 16.5 49.5



#83
tert-Butylbenzene
Concen: 124.537 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

Tgt Ion: 119 Resp: 360900
Ion Ratio Lower Upper
119 100
91 83.1 34.8 104.5
134 23.9 13.3 39.9





#84

1,2,4-Trimethylbenzene

Concen: 324.742 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. -0.006 min

Lab File: VD072671.D

Acq: 21 Apr 2022 15:21

Instrument :

MSVOA_D

ClientSampleId :

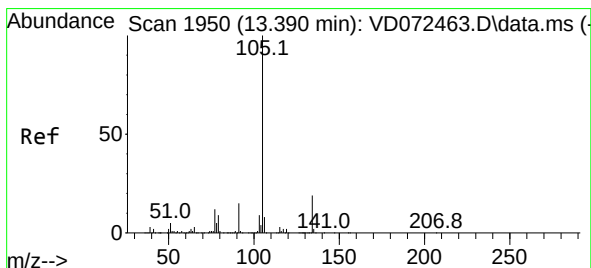
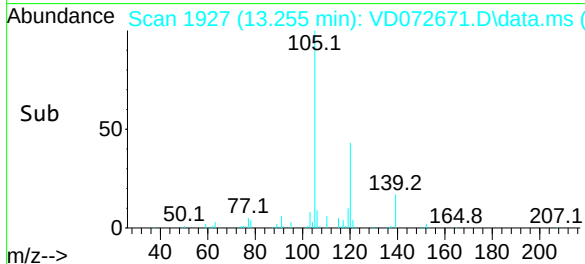
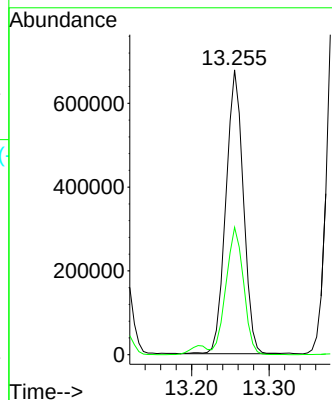
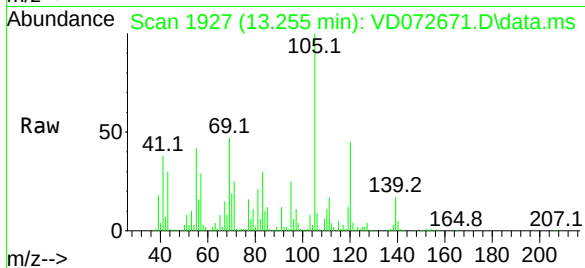
WC-15-1-8-GR

Tgt Ion:105 Resp: 1062991

Ion Ratio Lower Upper

105 100

120 44.9 22.3 66.8



#85

sec-Butylbenzene

Concen: 419.649 ug/l

RT: 13.391 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VD072671.D

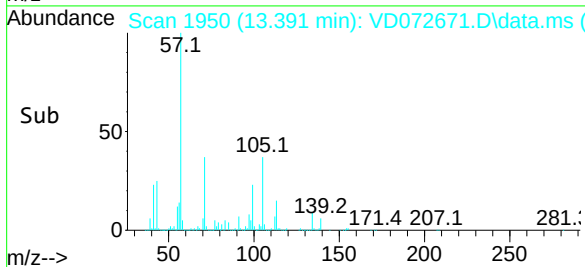
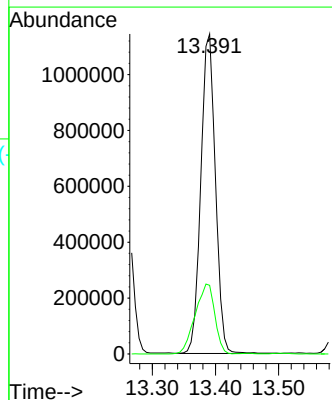
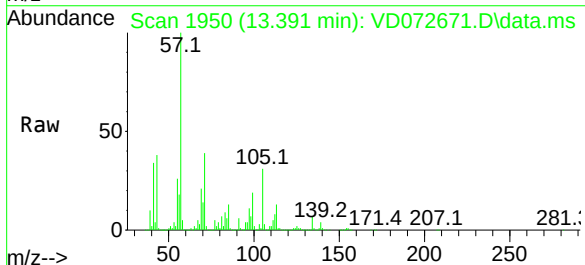
Acq: 21 Apr 2022 15:21

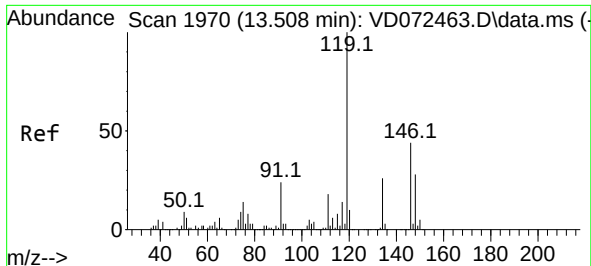
Tgt Ion:105 Resp: 1831801

Ion Ratio Lower Upper

105 100

134 29.4 9.8 29.3#

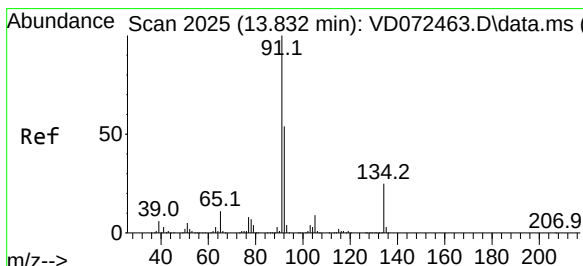
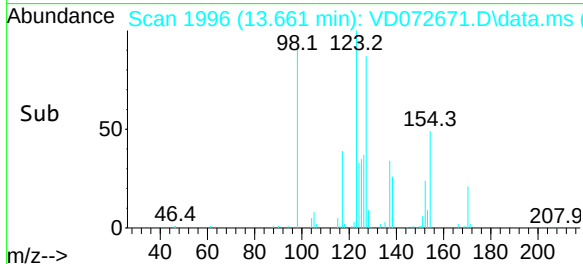
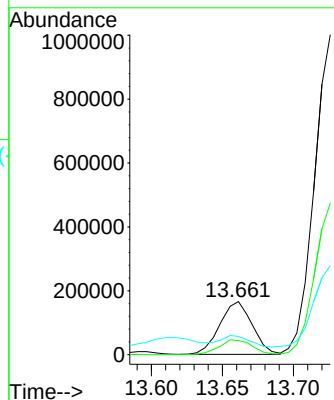
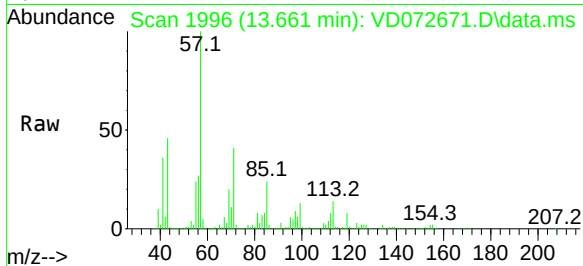




#86
p-Isopropyltoluene
Concen: 73.513 ug/l
RT: 13.661 min Scan# 1970
Delta R.T. 0.153 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

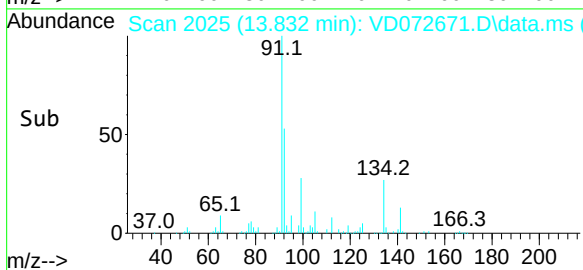
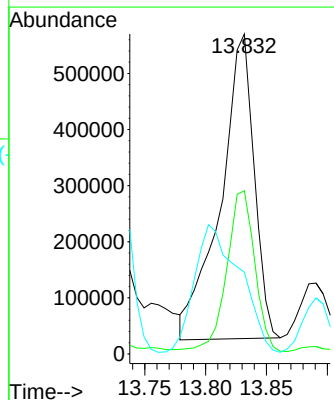
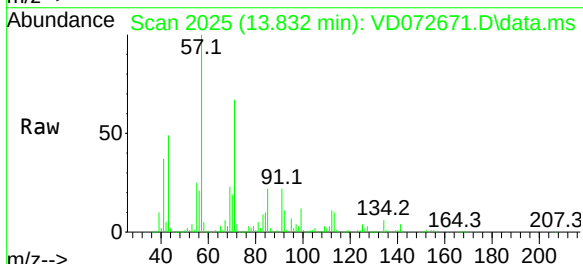
Instrument :
MSVOA_D
ClientSampleId :
WC-15-1-8-GR

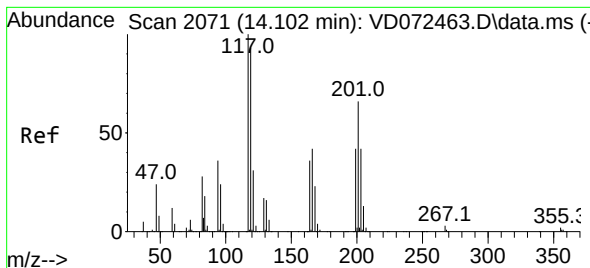
Tgt Ion:119 Resp: 262288
Ion Ratio Lower Upper
119 100
134 29.0 12.9 38.6
91 19.7 12.1 36.3



#89
n-Butylbenzene
Concen: 306.597 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

Tgt Ion: 91 Resp: 1042084
Ion Ratio Lower Upper
91 100
92 44.9 26.6 79.8
134 0.0 12.3 36.9#





#90

Hexachloroethane

Concen: 369.426 ug/l

RT: 14.102 min Scan# 2071

Delta R.T. 0.000 min

Lab File: VD072671.D

Acq: 21 Apr 2022 15:21

Instrument :

MSVOA_D

ClientSampleId :

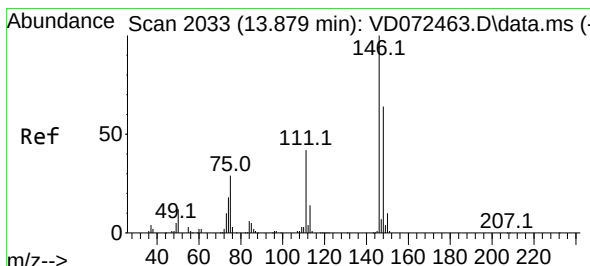
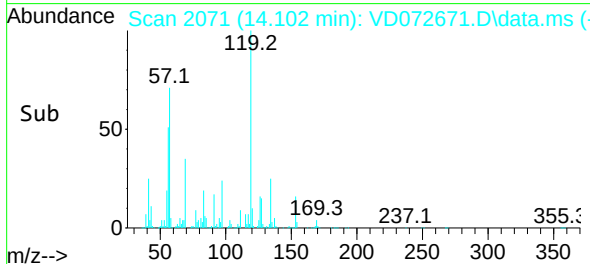
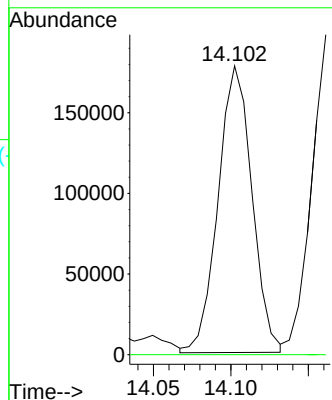
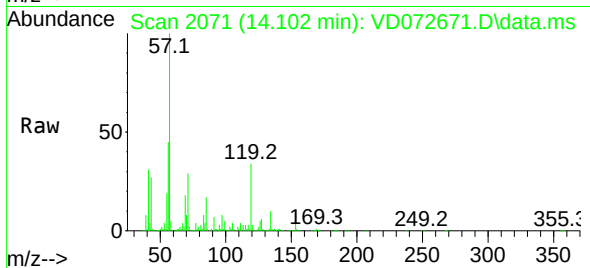
WC-15-1-8-GR

Tgt Ion:117 Resp: 269832

Ion Ratio Lower Upper

117 100

201 0.0 33.4 100.2#



#91

1,2-Dichlorobenzene

Concen: 164.404 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VD072671.D

Acq: 21 Apr 2022 15:21

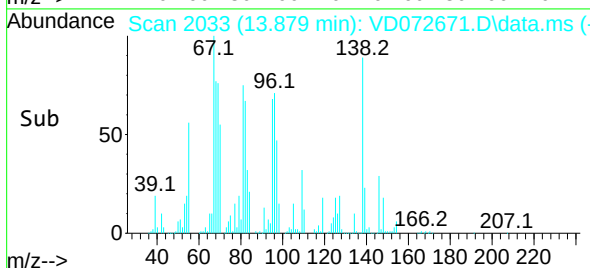
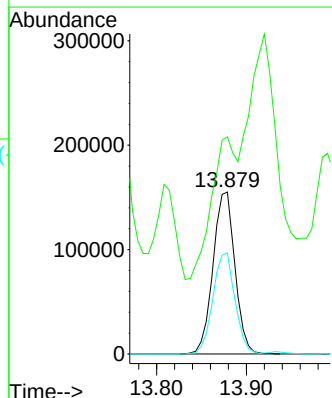
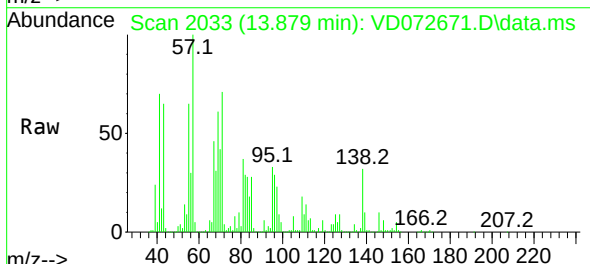
Tgt Ion:146 Resp: 263223

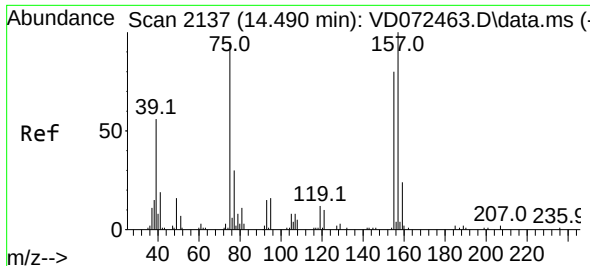
Ion Ratio Lower Upper

146 100

111 114.1 21.1 63.3#

148 62.8 31.7 95.1

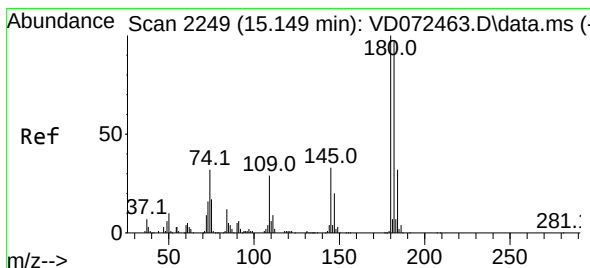
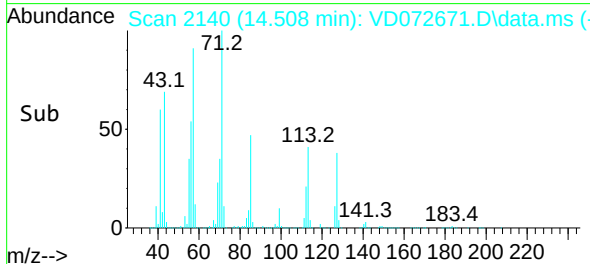
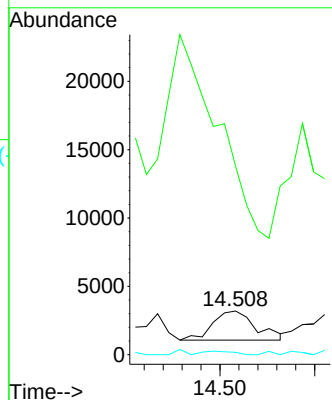
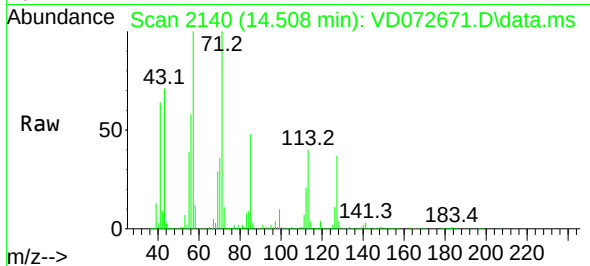




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 30.716 ug/l
 RT: 14.508 min Scan# 2137
 Delta R.T. 0.018 min
 Lab File: VD072671.D
 Acq: 21 Apr 2022 15:21

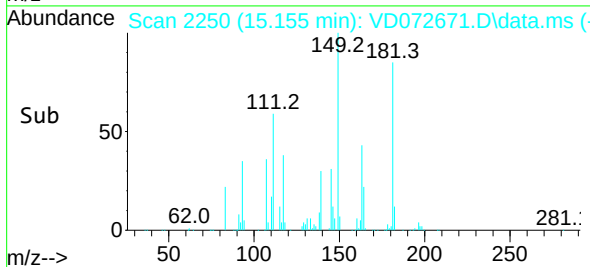
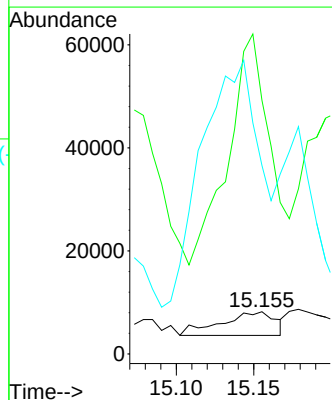
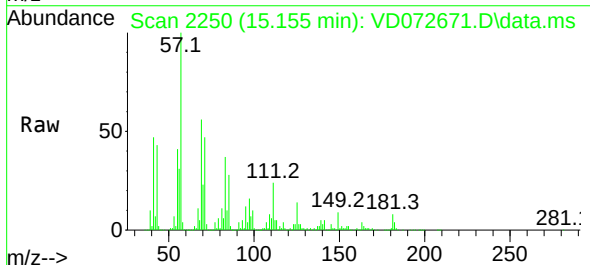
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-15-1-8-GR

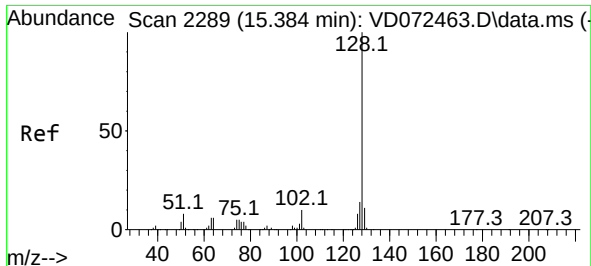
Tgt Ion: 75 Resp: 3363
 Ion Ratio Lower Upper
 75 100
 155 0.0 36.8 110.3#
 157 8.8 48.4 145.0#



#93
 1,2,4-Trichlorobenzene
 Concen: 11.279 ug/l
 RT: 15.155 min Scan# 2250
 Delta R.T. 0.006 min
 Lab File: VD072671.D
 Acq: 21 Apr 2022 15:21

Tgt Ion: 180 Resp: 11194
 Ion Ratio Lower Upper
 180 100
 182 739.5 47.3 142.0#
 145 1434.0 16.2 48.5#

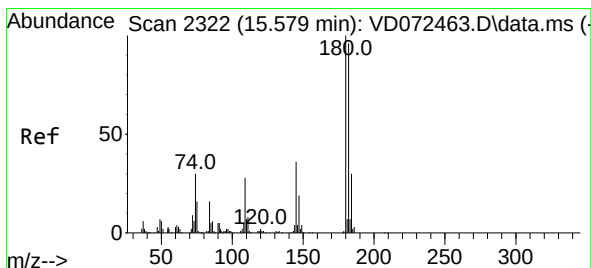
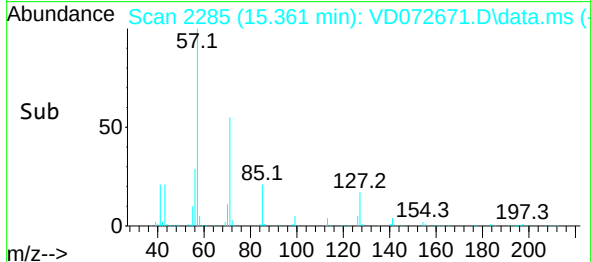
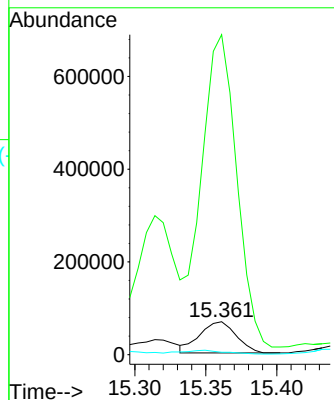
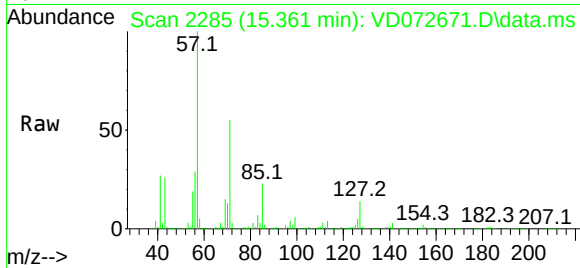




#95
Naphthalene
Concen: 62.367 ug/l
RT: 15.361 min Scan# 21
Delta R.T. -0.023 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

Instrument :
MSVOA_D
ClientSampleId :
WC-15-1-8-GR

Tgt Ion:128 Resp: 120266
Ion Ratio Lower Upper
128 100
127 971.9 10.3 15.5#
129 13.5 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 15.370 ug/l
RT: 15.602 min Scan# 2326
Delta R.T. 0.024 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

Tgt Ion:180 Resp: 13313
Ion Ratio Lower Upper
180 100
182 0.0 47.6 142.9#
145 0.0 17.1 51.3#

