

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042122\
 Data File : VD072681.D
 Acq On : 21 Apr 2022 20:07
 Operator : VA/SY
 Sample : N2514-05
 Misc : 6.29G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-16-1A-6-GR

Quant Time: Apr 22 03:47:24 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	508698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	877159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	558469	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.543	152	125730	50.000	ug/l	-0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.326	65	257054	41.772	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.540%
35) Dibromofluoromethane	7.908	113	270968	39.750	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.500%
50) Toluene-d8	10.332	98	2213302	93.406	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	186.820%#
62) 4-Bromofluorobenzene	12.614	95	1182999	127.835	ug/l	-0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	255.660%#

Target Compounds

						Qvalue
10) Methyl Iodide	4.309	142	394	3.798	ug/l #	60
11) Tert butyl alcohol	5.220	59	1691	5.204	ug/l #	74
13) Acrolein	3.891	56	4150	28.777	ug/l #	1
14) Allyl chloride	4.809	41	11864	2.572	ug/l #	75
15) Acrylonitrile	5.485	53	106194	81.541	ug/l #	39
16) Acetone	4.150	43	244784	213.327	ug/l	99
17) Carbon Disulfide	4.409	76	22622	5.746	ug/l	97
18) Methyl Acetate	4.944	43	513949	158.986	ug/l #	55
20) Methylene Chloride	4.967	84	39964	5.850	ug/l #	67
23) Vinyl Acetate	6.291	43	297	6.318	ug/l #	75
25) 2-Butanone	7.208	43	119652	75.397	ug/l	93
29) Tetrahydrofuran	7.561	42	6924	7.227	ug/l #	43
30) Chloroform	7.738	83	21222	1.705	ug/l #	1
31) Cyclohexane	7.979	56	3551879	441.425	ug/l	87
36) 1,1-Dichloropropene	7.973	75	44537	6.122	ug/l #	13
37) Ethyl Acetate	7.208	43	119652	33.126	ug/l #	72
38) Carbon Tetrachloride	7.973	117	54928	5.849	ug/l #	15
39) Methylcyclohexane	9.349	83	18524819	1723.803	ug/l	95
41) Methacrylonitrile	7.555	41	58801	28.590	ug/l #	53
42) 1,2-Dichloroethane	8.467	62	14458	1.987	ug/l #	1
43) Isopropyl Acetate	8.444	43	1116279	161.114	ug/l #	54
45) 1,2-Dichloropropane	9.349	63	201655	30.450	ug/l #	1
47) Bromodichloromethane	9.632	83	372022	37.270	ug/l #	29
48) Methyl methacrylate	9.532	41	3072520	913.421	ug/l #	42
49) 1,4-Dioxane	9.361	88	342	8.275	ug/l #	1
51) 4-Methyl-2-Pentanone	10.138	43	3964131	1066.295	ug/l #	39
55) 1,1,2-Trichloroethane	10.767	97	4867172	924.009	ug/l #	20
56) Ethyl methacrylate	10.673	69	1601141	242.518	ug/l #	31
58) 2-Chloroethyl Vinyl ether	9.920	63	85355	32.822	ug/l #	48
59) 2-Hexanone	10.949	43	5171399	2045.575	ug/l #	32
60) Dibromochloromethane	11.055	129	14257	2.098	ug/l	90
61) 1,2-Dibromoethane	11.208	107	14172	3.030	ug/l #	1
65) Chlorobenzene	11.679	112	17512	1.403	ug/l #	42
67) Ethyl Benzene	11.773	91	141288	6.485	ug/l #	44
68) m/p-Xylenes	11.843	106	57364	6.940	ug/l #	1
69) o-Xylene	12.173	106	28821	3.614	ug/l #	1

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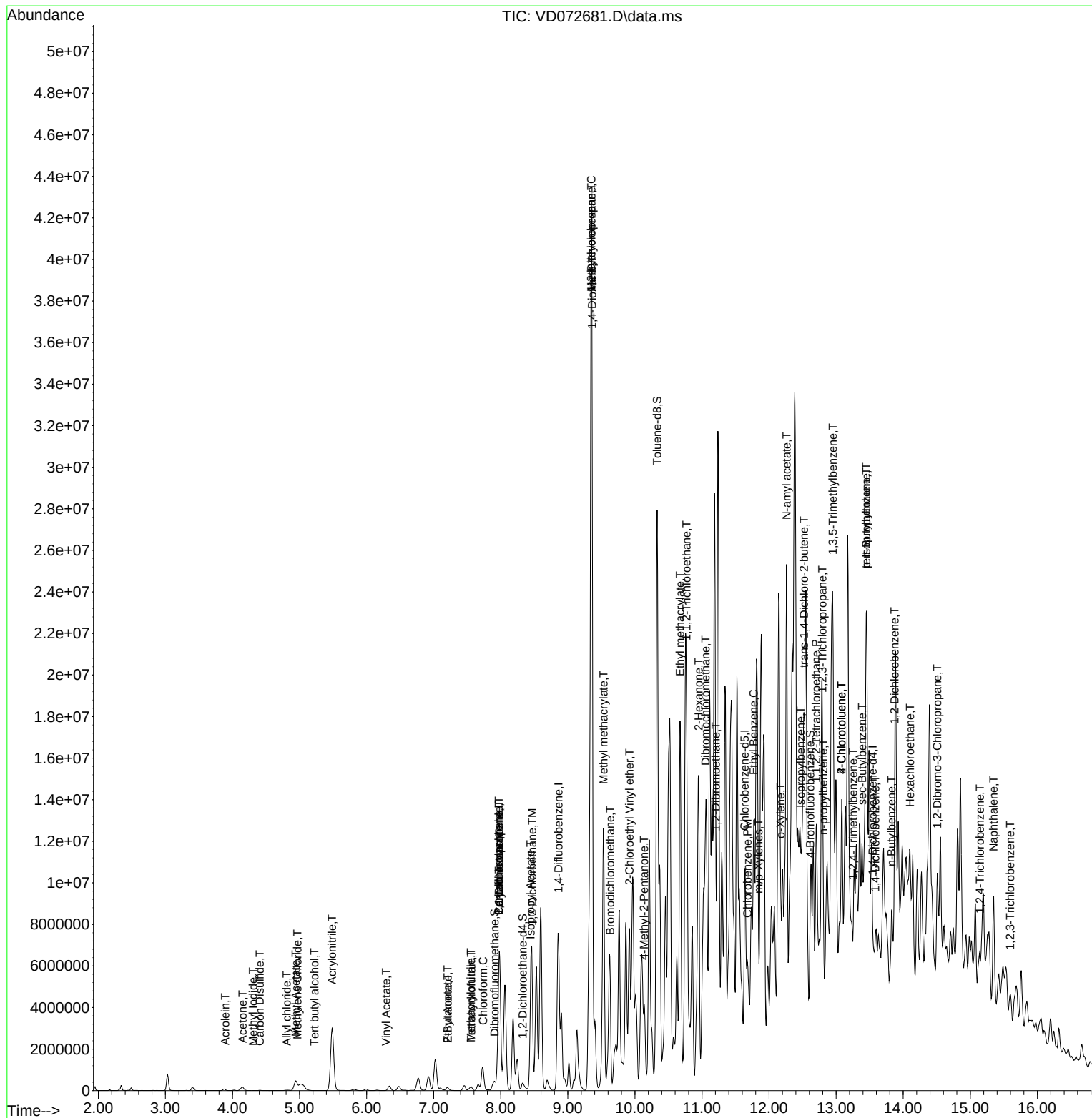
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Isopropylbenzene	12.473	105	1025570	101.001	ug/l	99
74) N-amyl acetate	12.261	43	4178406	1961.206	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.702	83	324723	168.836	ug/l #	82
76) 1,2,3-Trichloropropane	12.796	75	6192	4.515	ug/l #	100
78) n-propylbenzene	12.808	91	309114	25.235	ug/l	84
79) 2-Chlorotoluene	13.079	91	191421	26.721	ug/l	96
80) 1,3,5-Trimethylbenzene	12.949	105	50566	5.815	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.520	75	4229	7.567	ug/l #	1
82) 4-Chlorotoluene	13.079	91	191421	25.657	ug/l	93
83) tert-Butylbenzene	13.449	119	198306	26.340	ug/l	93
84) 1,2,4-Trimethylbenzene	13.255	105	73757	8.673	ug/l	91
85) sec-Butylbenzene	13.390	105	1040781	91.778	ug/l #	71
86) p-Isopropyltoluene	13.449	119	199433	21.516	ug/l #	26
88) 1,4-Dichlorobenzene	13.585	146	7828	1.647	ug/l #	1
89) n-Butylbenzene	13.826	91	948318	107.396	ug/l	98
90) Hexachloroethane	14.102	117	94773	49.945	ug/l #	17
91) 1,2-Dichlorobenzene	13.873	146	5405	1.299	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.508	75	5645	19.846	ug/l #	13
93) 1,2,4-Trichlorobenzene	15.143	180	14382	5.578	ug/l #	1
95) Naphthalene	15.349	128	66773	13.329	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.596	180	31514	14.005	ug/l #	12

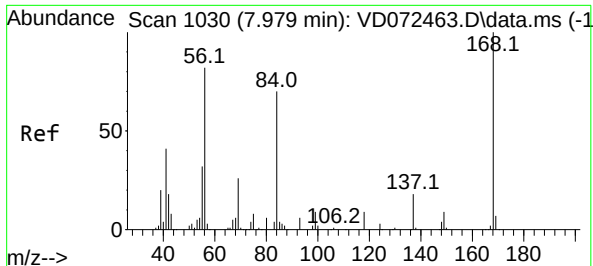
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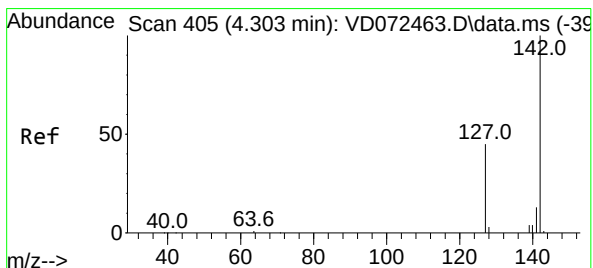
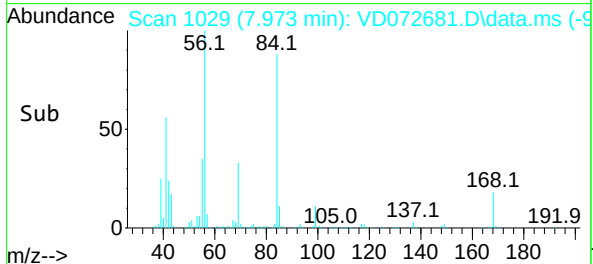
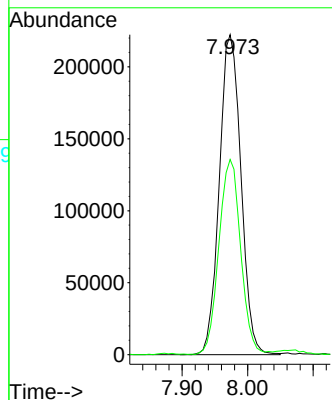
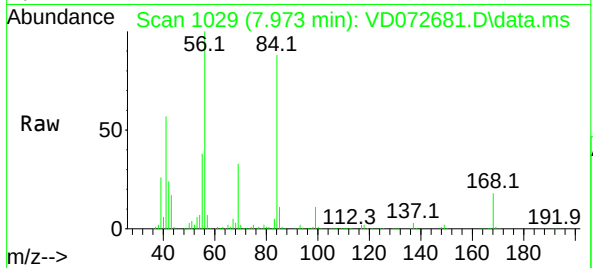




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

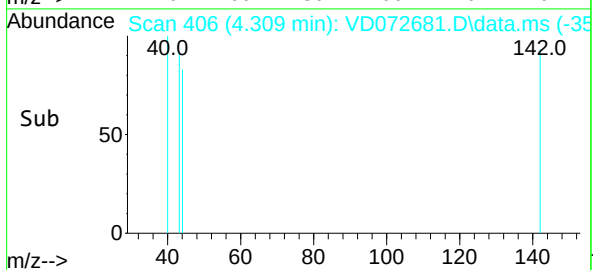
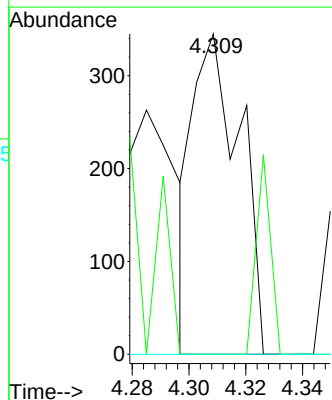
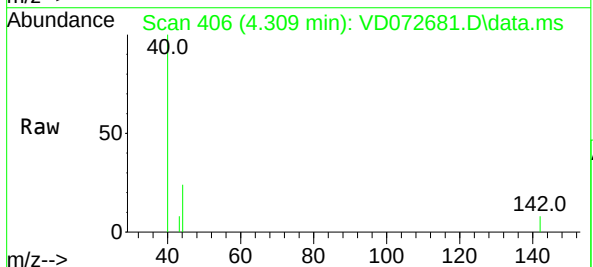
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ClientSampleId :
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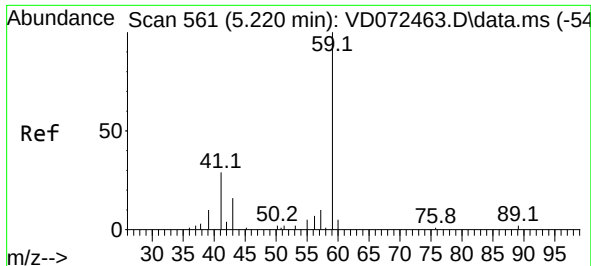
Tgt Ion:168 Resp: 508698
Ion Ratio Lower Upper
168 100
99 60.8 49.8 74.6



#10
Methyl Iodide
Concen: 3.798 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

Tgt Ion:142 Resp: 394
Ion Ratio Lower Upper
142 100
127 19.3 37.3 55.9#
141 0.0 11.7 17.5#

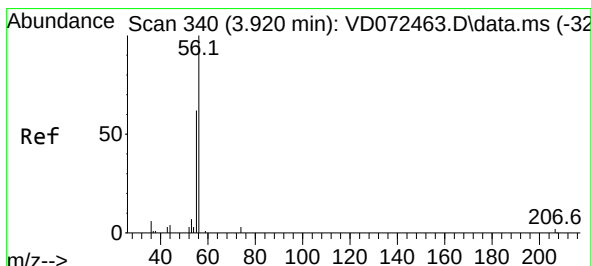
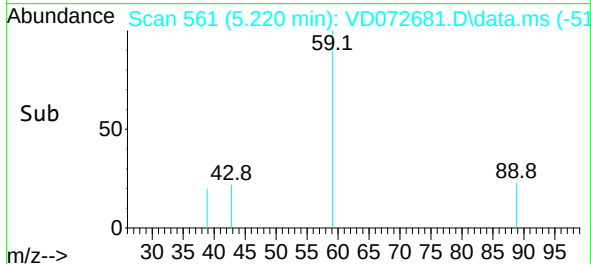
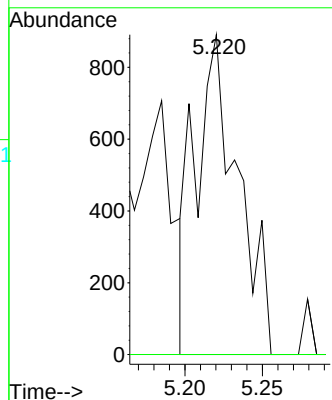
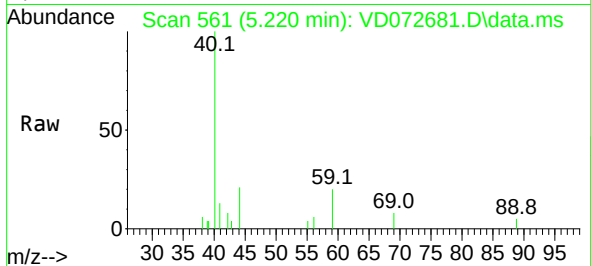




#11
Tert butyl alcohol
Concen: 5.204 ug/l
RT: 5.220 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

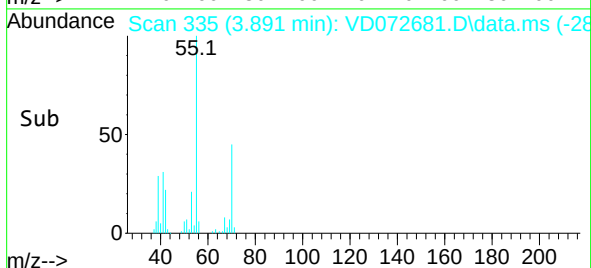
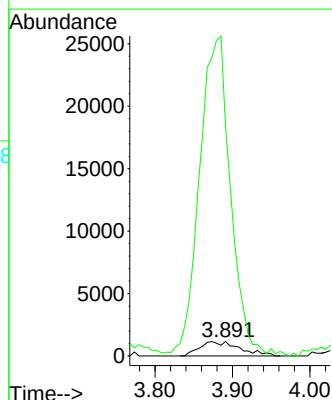
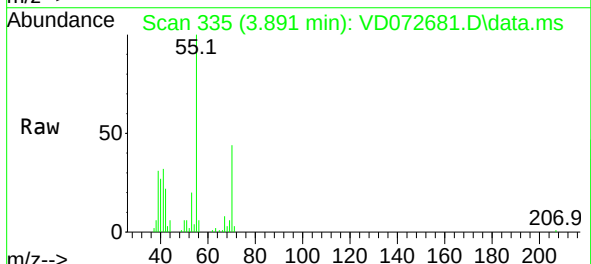
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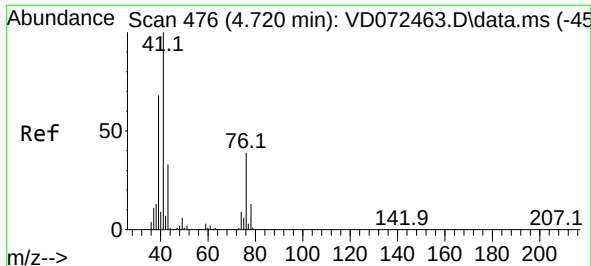
Tgt Ion: 59 Resp: 1691
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#13
Acrolein
Concen: 28.777 ug/l
RT: 3.891 min Scan# 335
Delta R.T. -0.029 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

Tgt Ion: 56 Resp: 4150
Ion Ratio Lower Upper
56 100
55 1681.3 57.1 85.7#

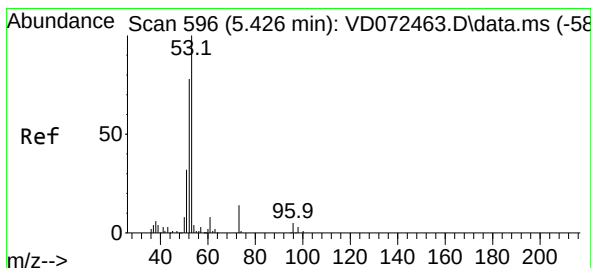
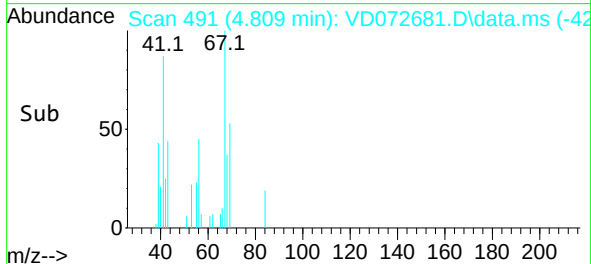
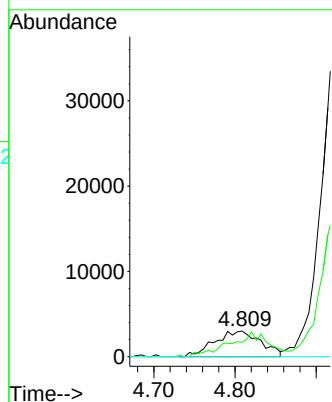
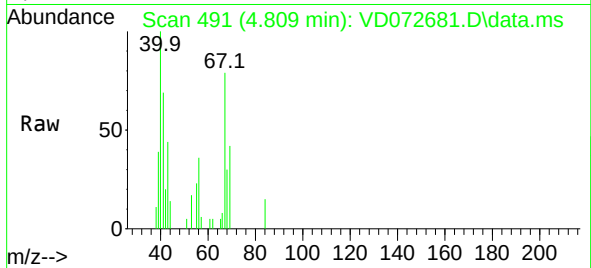




#14
 Allyl chloride
 Concen: 2.572 ug/l
 RT: 4.809 min Scan# 491
 Delta R.T. 0.089 min
 Lab File: VD072681.D
 Acq: 21 Apr 2022 20:07

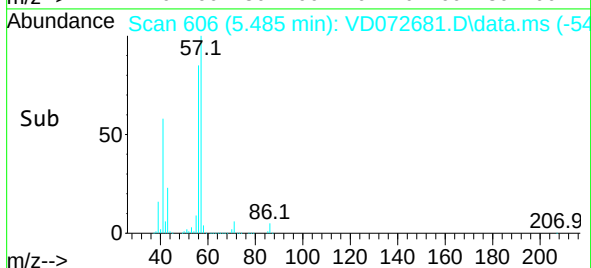
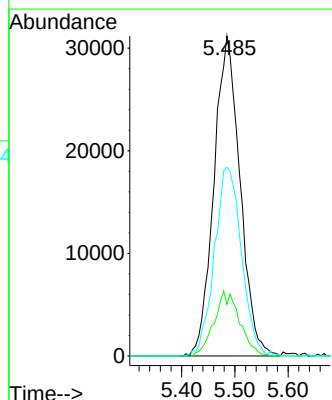
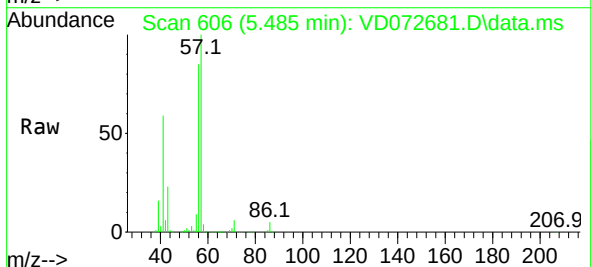
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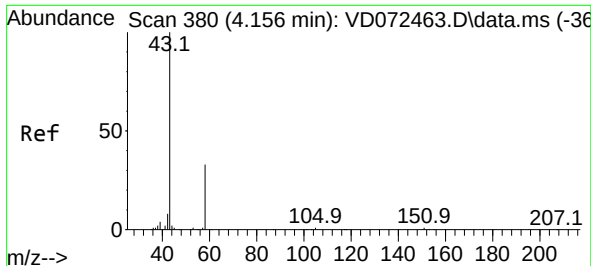
Tgt Ion: 41 Resp: 11864
 Ion Ratio Lower Upper
 41 100
 39 83.0 59.3 88.9
 76 0.0 25.7 38.5#



#15
 Acrylonitrile
 Concen: 81.541 ug/l
 RT: 5.485 min Scan# 606
 Delta R.T. 0.059 min
 Lab File: VD072681.D
 Acq: 21 Apr 2022 20:07

Tgt Ion: 53 Resp: 106194
 Ion Ratio Lower Upper
 53 100
 52 19.8 67.2 100.8#
 51 60.9 30.3 45.5#

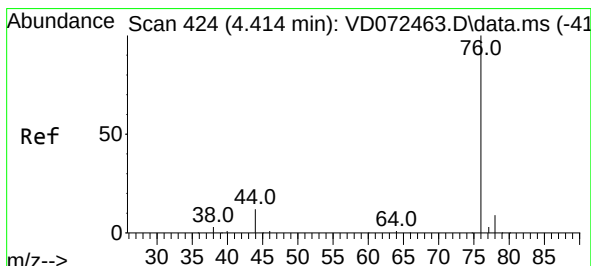
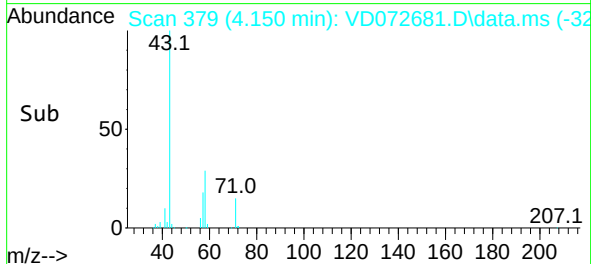
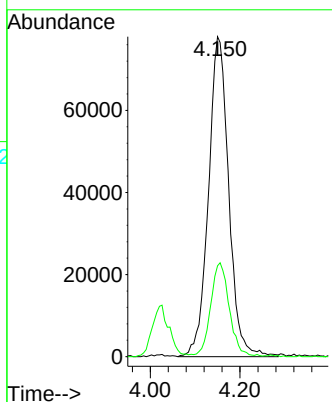
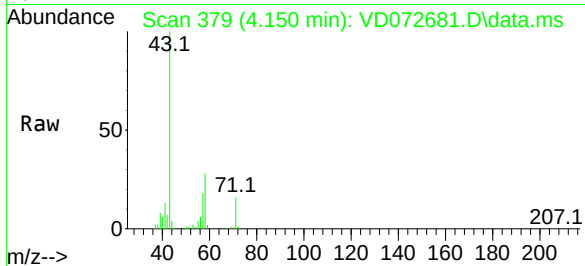




#16
Acetone
Concen: 213.327 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

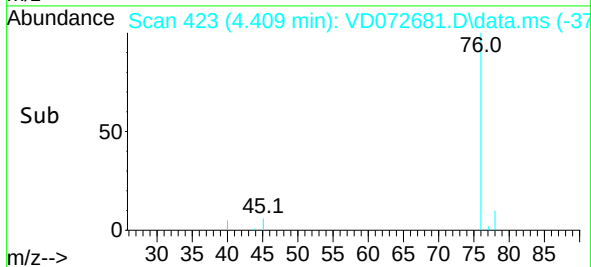
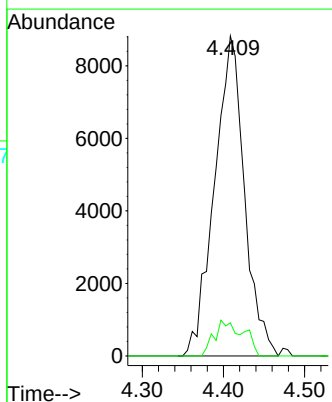
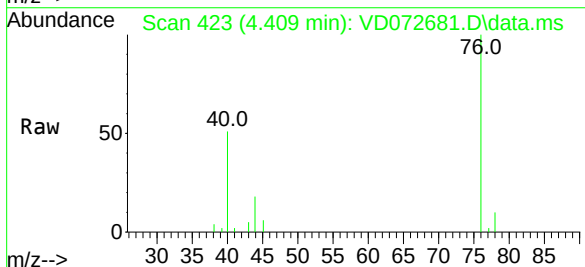
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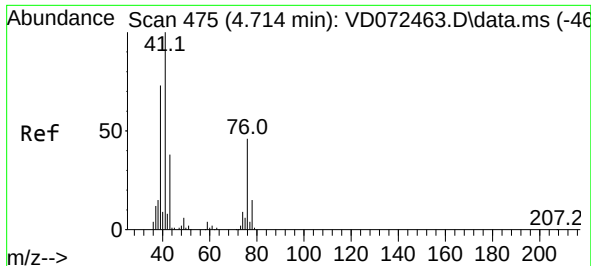
Tgt Ion: 43 Resp: 244784
Ion Ratio Lower Upper
43 100
58 28.0 22.1 33.1



#17
Carbon Disulfide
Concen: 5.746 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.005 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

Tgt Ion: 76 Resp: 22622
Ion Ratio Lower Upper
76 100
78 10.4 7.5 11.3

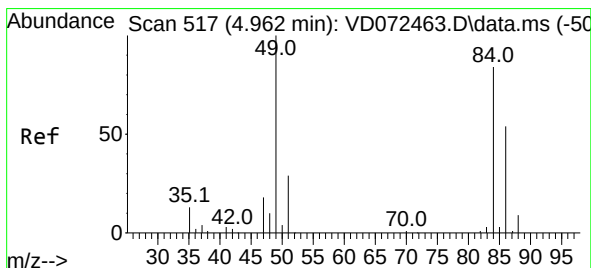
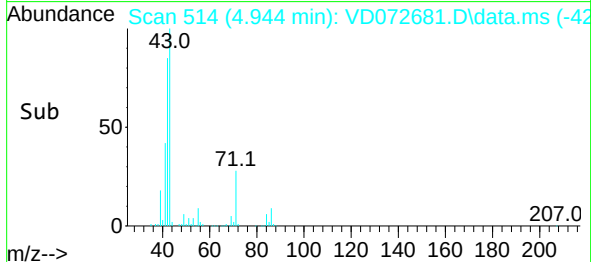
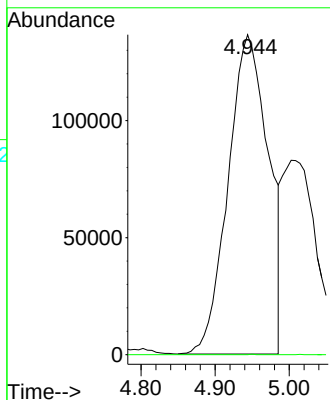
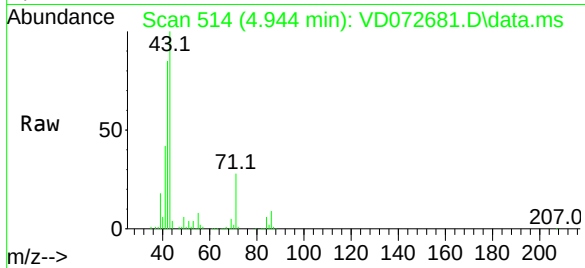




#18
Methyl Acetate
Concen: 158.986 ug/l
RT: 4.944 min Scan# 514
Delta R.T. 0.229 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

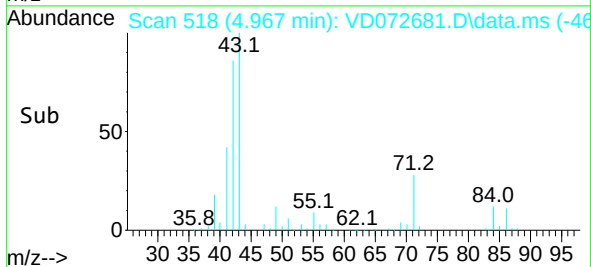
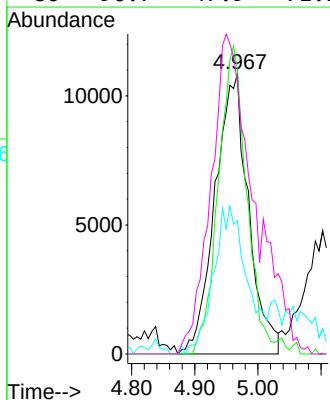
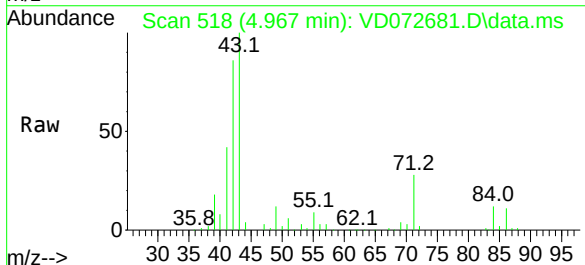
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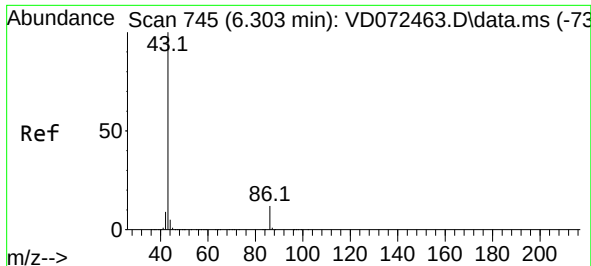
Tgt Ion: 43 Resp: 513949
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 5.850 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

Tgt Ion: 84 Resp: 39964
Ion Ratio Lower Upper
84 100
49 101.3 112.8 169.2#
51 47.6 32.6 48.8
86 96.7 47.9 71.9#

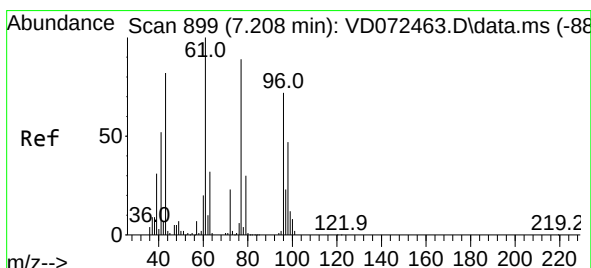
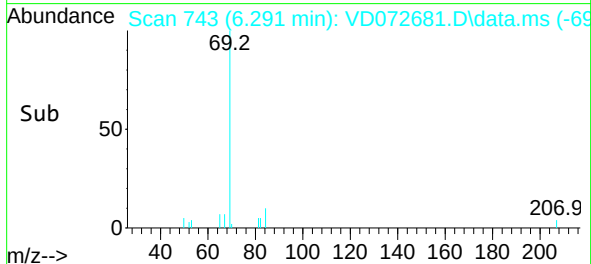
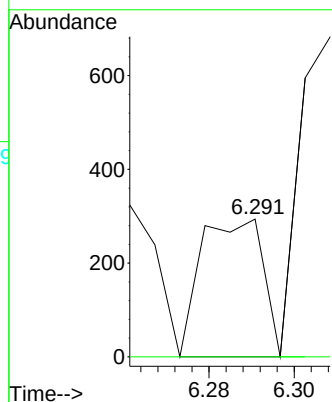
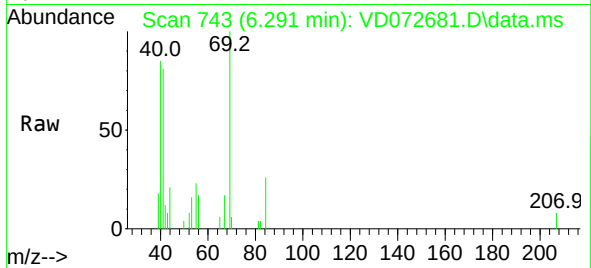




#23
 Vinyl Acetate
 Concen: 6.318 ug/l
 RT: 6.291 min Scan# 745
 Delta R.T. -0.012 min
 Lab File: VD072681.D
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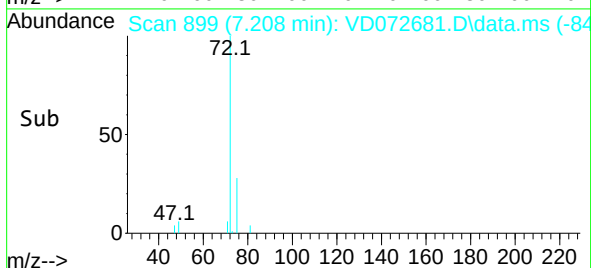
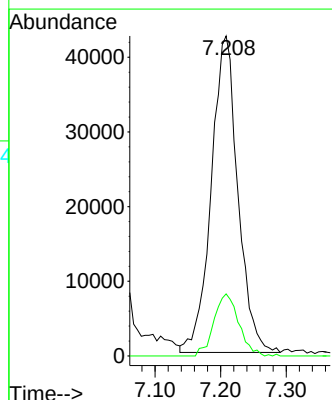
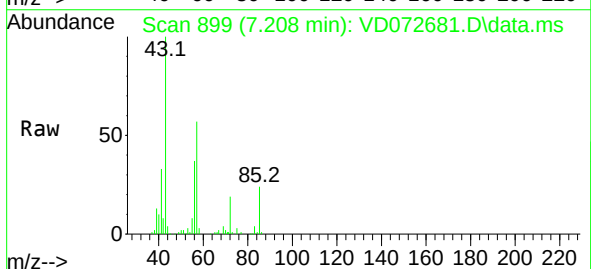
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-16-1A-6-GR

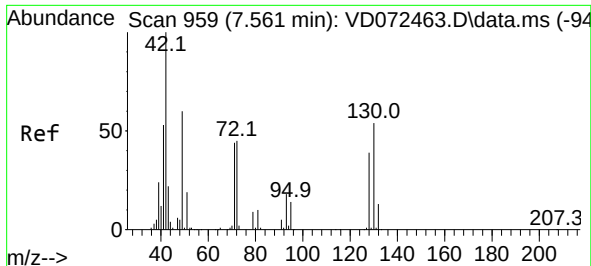
Tgt Ion: 43 Resp: 297
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.1 10.7#



#25
 2-Butanone
 Concen: 75.397 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. -0.000 min
 Lab File: VD072681.D
 Acq: 21 Apr 2022 20:07

Tgt Ion: 43 Resp: 119652
 Ion Ratio Lower Upper
 43 100
 72 19.6 18.6 27.8





#29

Tetrahydrofuran

Concen: 7.227 ug/l

RT: 7.561 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD072681.D

Acq: 21 Apr 2022 20:07

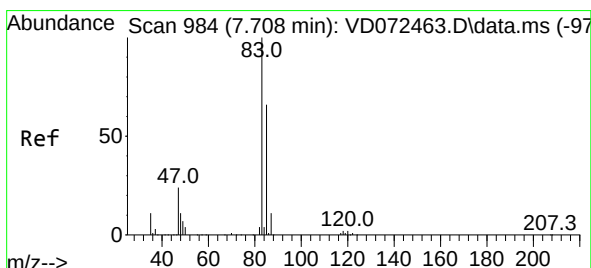
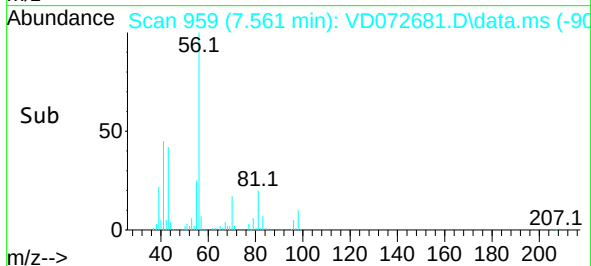
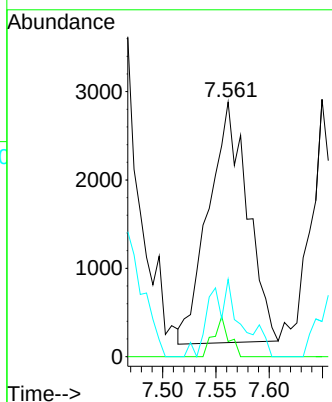
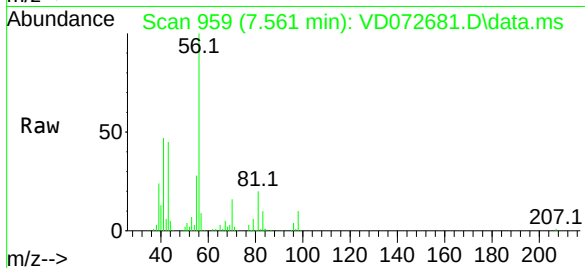
Instrument :

MSVOA_D

ClientSampleId :

WC-16-1A-6-GR

Tgt Ion:	42	Resp:	6924
Ion Ratio	Lower	Upper	
42	100		
72	6.5	30.7	46.1#
71	0.0	28.6	43.0#



#30

Chloroform

Concen: 1.705 ug/l

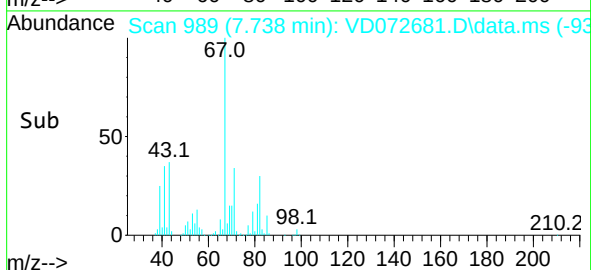
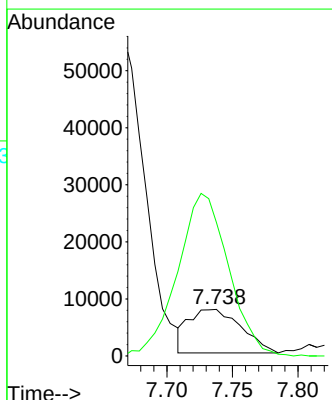
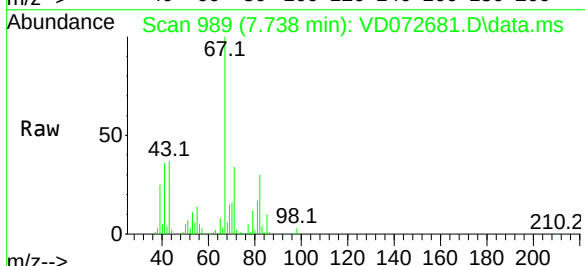
RT: 7.738 min Scan# 989

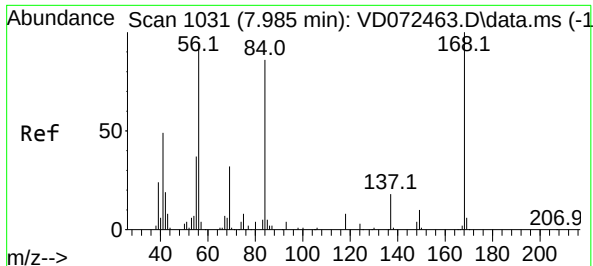
Delta R.T. 0.029 min

Lab File: VD072681.D

Acq: 21 Apr 2022 20:07

Tgt Ion:	83	Resp:	21222
Ion Ratio	Lower	Upper	
83	100		
85	302.0	52.7	79.1#





#31

Cyclohexane

Concen: 441.425 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD072681.D

Acq: 21 Apr 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

WC-16-1A-6-GR

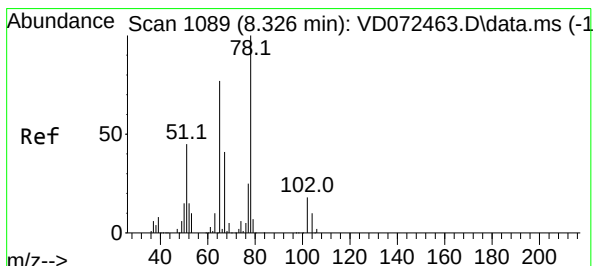
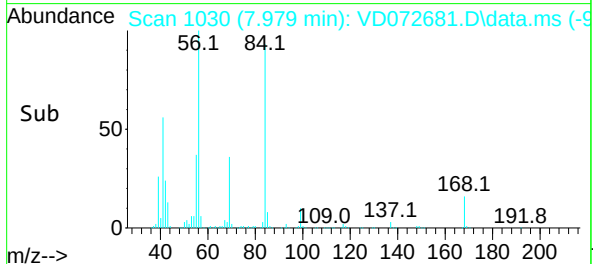
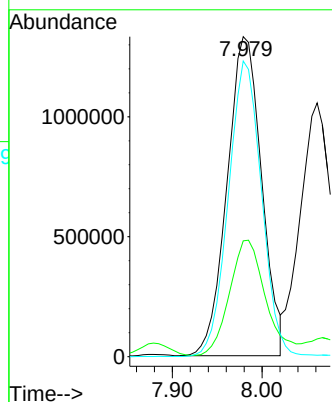
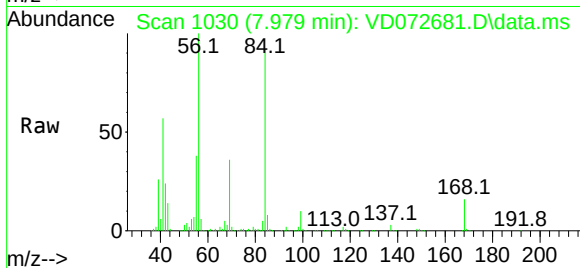
Tgt Ion: 56 Resp: 3551879

Ion Ratio Lower Upper

56 100

69 35.3 25.4 38.2

84 92.6 63.0 94.4



#33

1,2-Dichloroethane-d4

Concen: 41.772 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072681.D

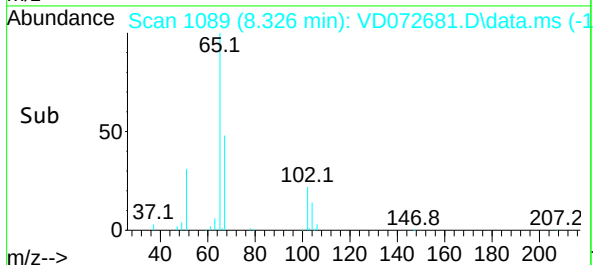
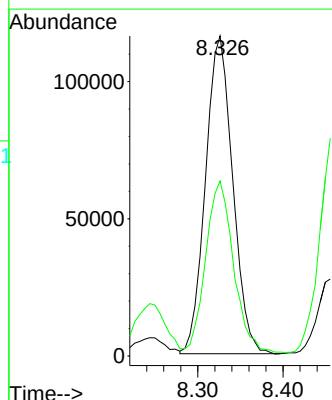
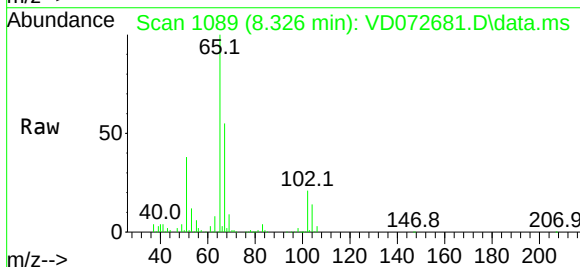
Acq: 21 Apr 2022 20:07

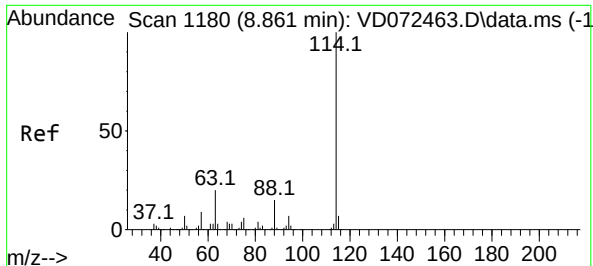
Tgt Ion: 65 Resp: 257054

Ion Ratio Lower Upper

65 100

67 54.9 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: VD072681.D

Acq: 21 Apr 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

WC-16-1A-6-GR

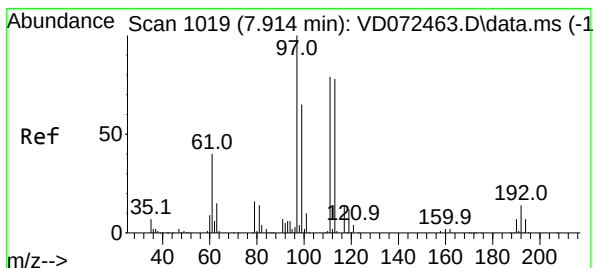
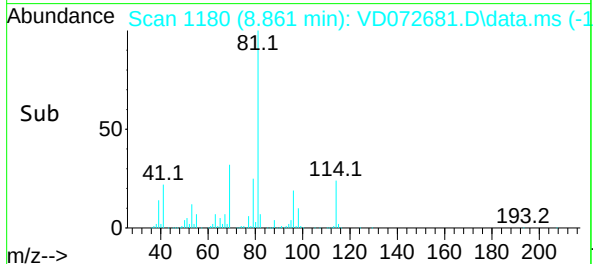
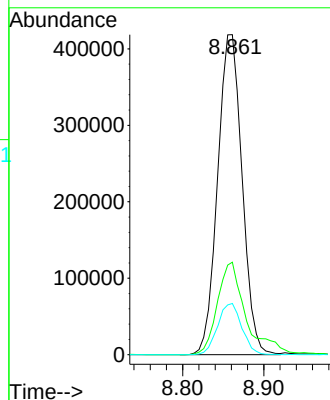
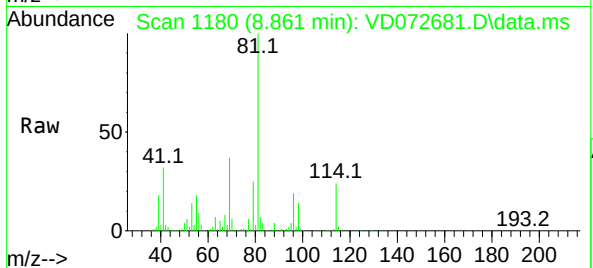
Tgt Ion:114 Resp: 877159

Ion Ratio Lower Upper

114 100

63 28.9 0.0 46.6

88 16.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 39.750 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072681.D

Acq: 21 Apr 2022 20:07

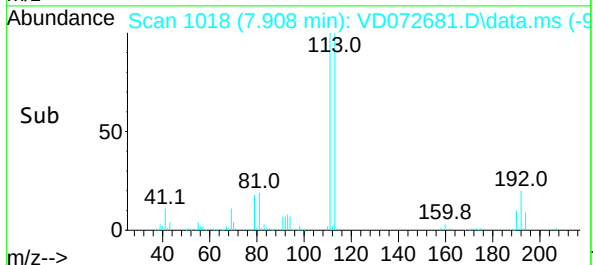
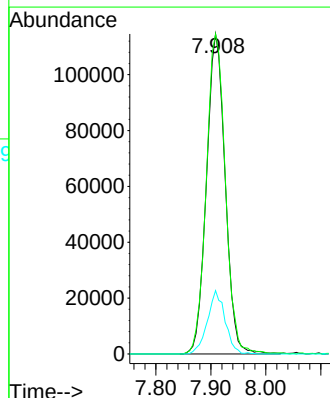
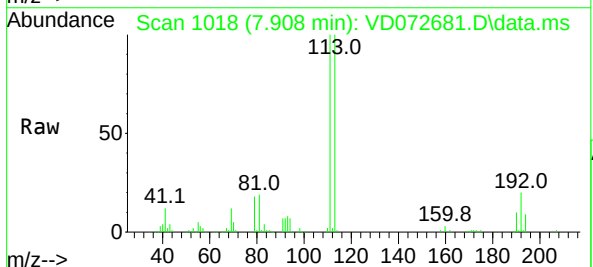
Tgt Ion:113 Resp: 270968

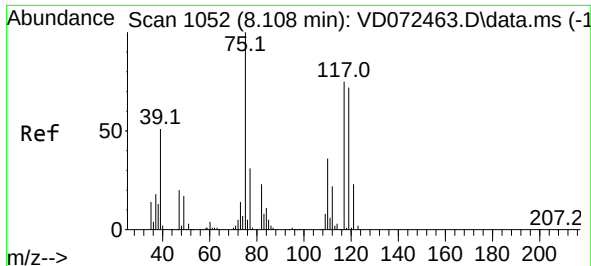
Ion Ratio Lower Upper

113 100

111 101.9 83.8 125.6

192 18.6 14.6 21.8

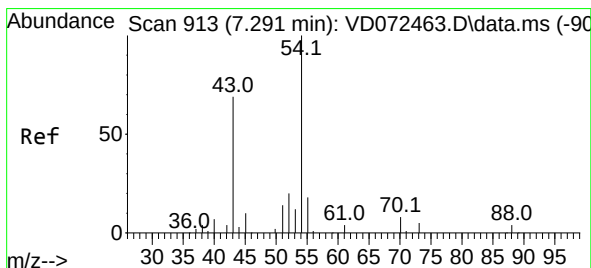
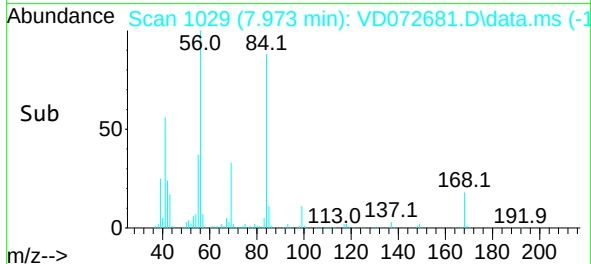
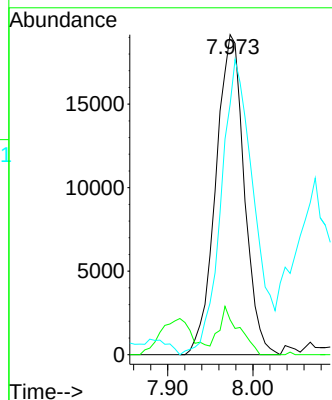
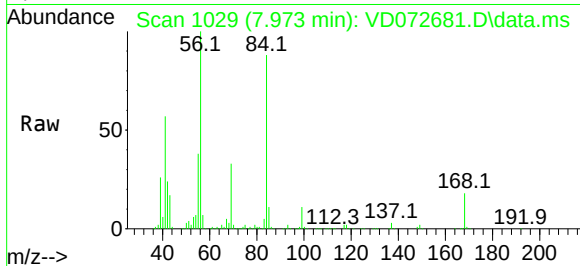




#36
1,1-Dichloropropene
Concen: 6.122 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

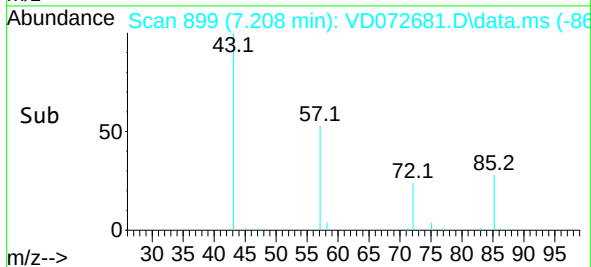
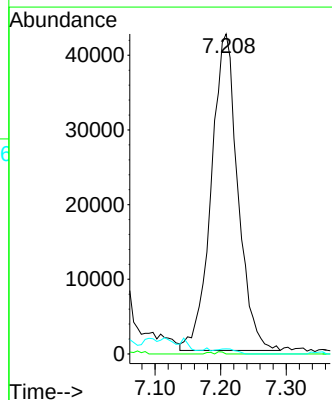
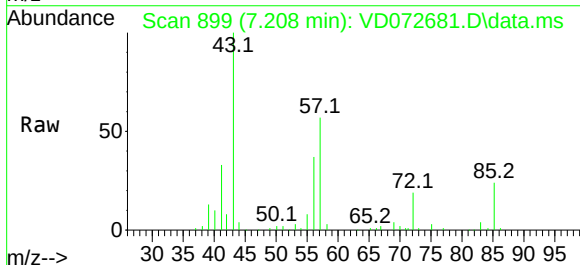
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-6-GR

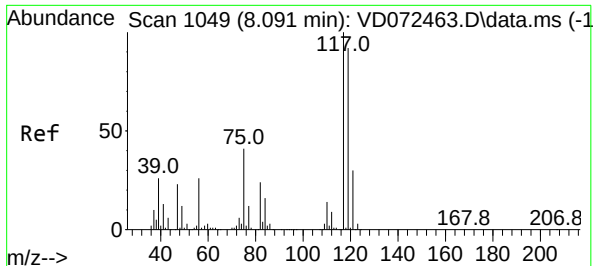
Tgt Ion: 75 Resp: 44537
Ion Ratio Lower Upper
75 100
110 10.6 16.4 49.1#
77 105.8 24.2 36.2#



#37
Ethyl Acetate
Concen: 33.126 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.082 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

Tgt Ion: 43 Resp: 119652
Ion Ratio Lower Upper
43 100
61 0.2 9.8 14.8#
70 0.0 6.9 10.3#

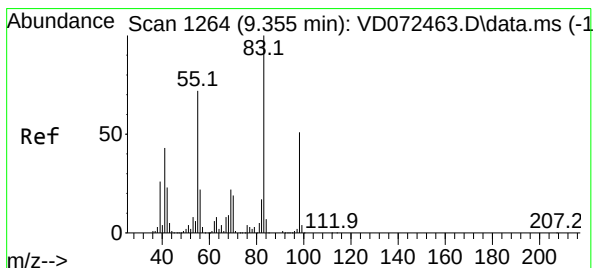
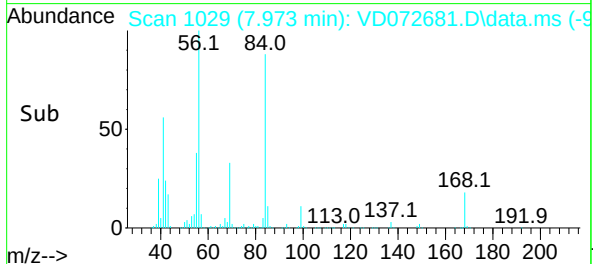
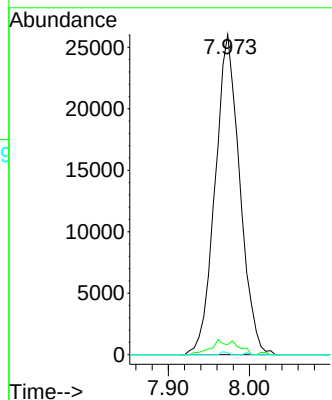
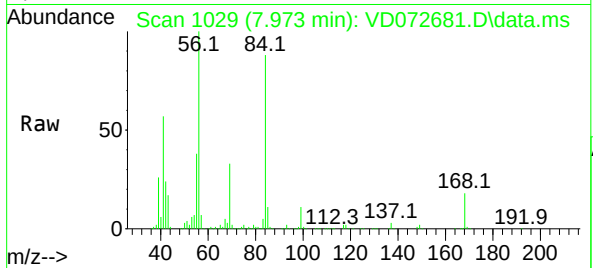




#38
Carbon Tetrachloride
Concen: 5.849 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

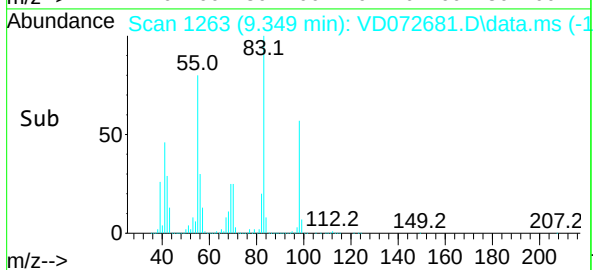
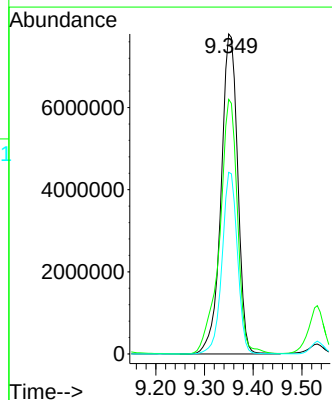
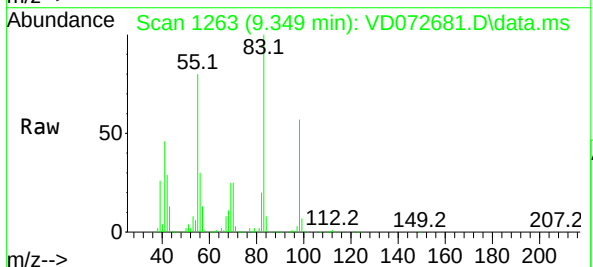
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-6-GR

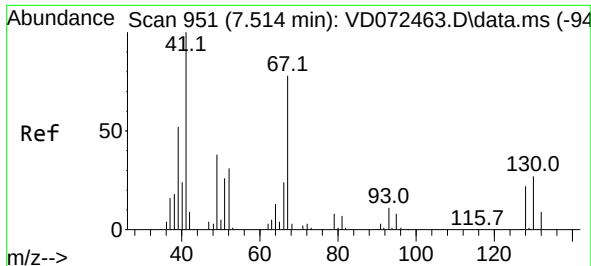
Tgt Ion:117 Resp: 54928
Ion Ratio Lower Upper
117 100
119 3.1 75.8 113.6#
121 0.6 24.5 36.7#



#39
Methylcyclohexane
Concen: 1723.803 ug/l
RT: 9.349 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

Tgt Ion: 83 Resp:18524819
Ion Ratio Lower Upper
83 100
55 79.5 63.2 94.8
98 56.8 38.2 57.4

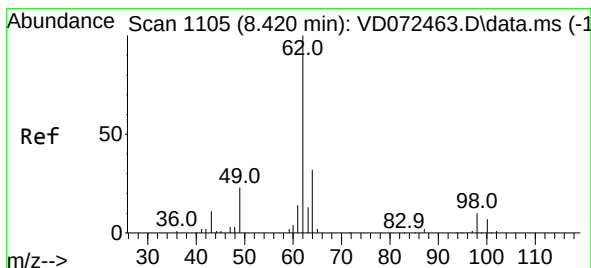
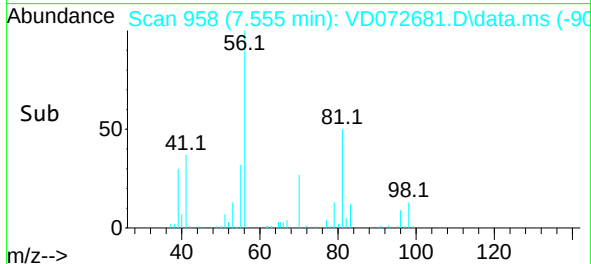
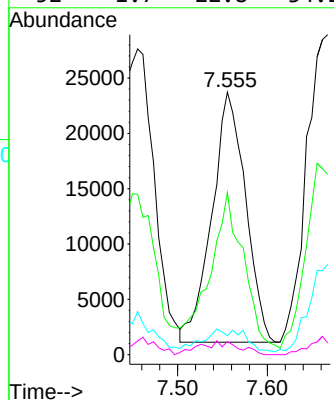
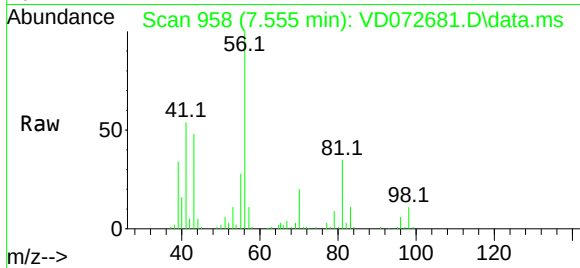




#41
Methacrylonitrile
Concen: 28.590 ug/l
RT: 7.555 min Scan# 91
Delta R.T. 0.041 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

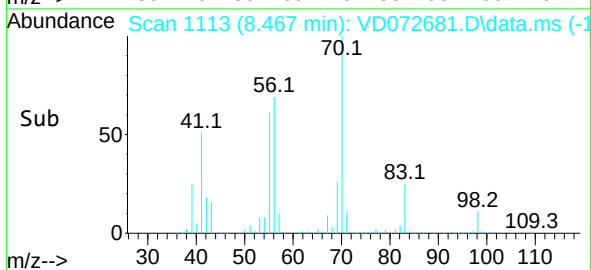
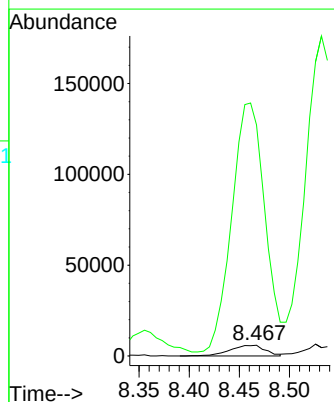
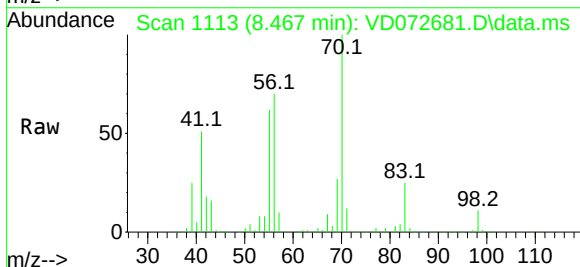
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-6-GR

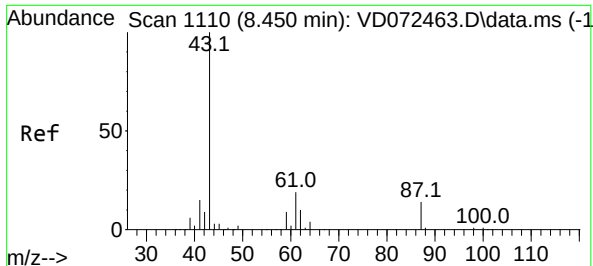
Tgt Ion: 41 Resp: 58801
Ion Ratio Lower Upper
41 100
39 62.4 44.6 67.0
67 0.0 48.2 72.4#
52 1.7 22.8 34.2#



#42
1,2-Dichloroethane
Concen: 1.987 ug/l
RT: 8.467 min Scan# 1113
Delta R.T. 0.047 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

Tgt Ion: 62 Resp: 14458
Ion Ratio Lower Upper
62 100
98 2206.1 0.0 17.6#





#43

Isopropyl Acetate

Concen: 161.114 ug/l

RT: 8.444 min Scan# 1110

Delta R.T. -0.006 min

Lab File: VD072681.D

Acq: 21 Apr 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

WC-16-1A-6-GR

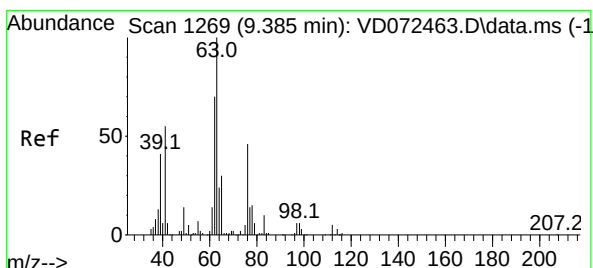
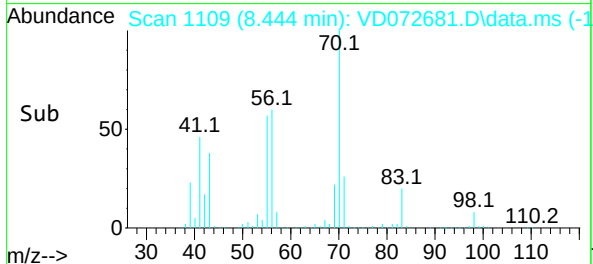
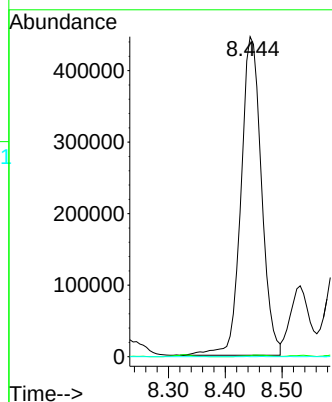
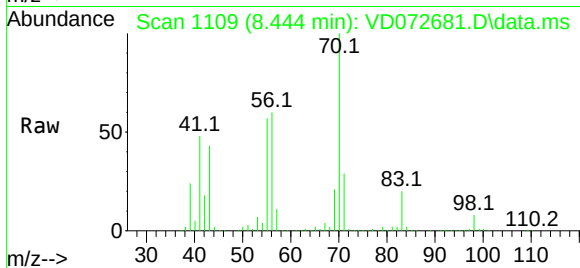
Tgt Ion: 43 Resp: 1116279

Ion Ratio Lower Upper

43 100

61 0.6 22.4 33.6#

87 0.0 8.7 13.1#



#45

1,2-Dichloropropane

Concen: 30.450 ug/l

RT: 9.349 min Scan# 1263

Delta R.T. -0.035 min

Lab File: VD072681.D

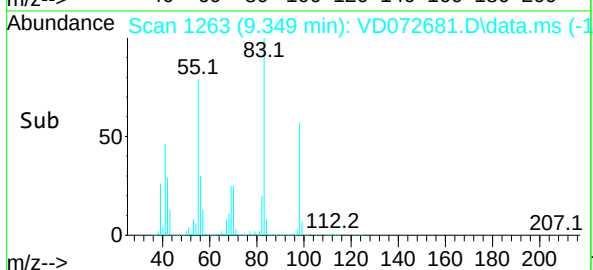
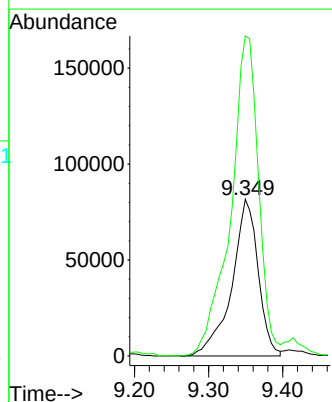
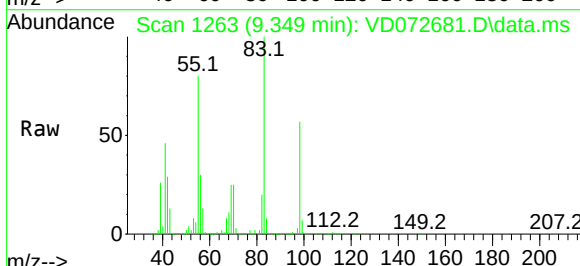
Acq: 21 Apr 2022 20:07

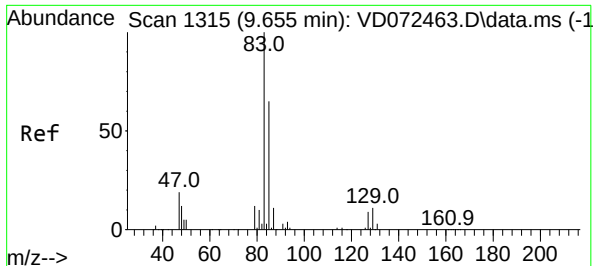
Tgt Ion: 63 Resp: 201655

Ion Ratio Lower Upper

63 100

65 204.3 26.2 39.4#





#47

Bromodichloromethane

Concen: 37.270 ug/l

RT: 9.632 min Scan# 1

Delta R.T. -0.024 min

Lab File: VD072681.D

Acq: 21 Apr 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

WC-16-1A-6-GR

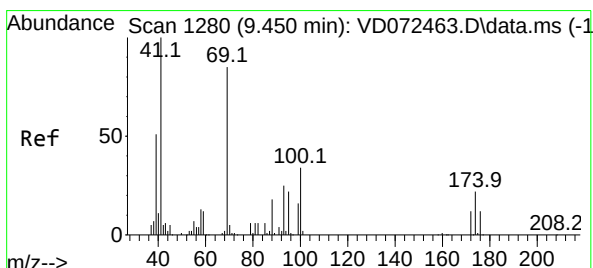
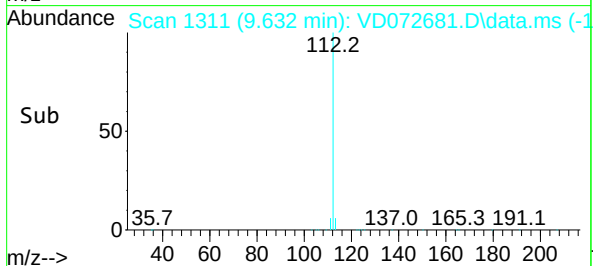
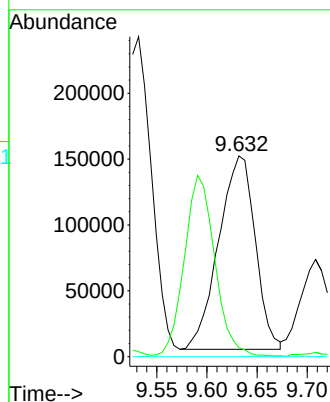
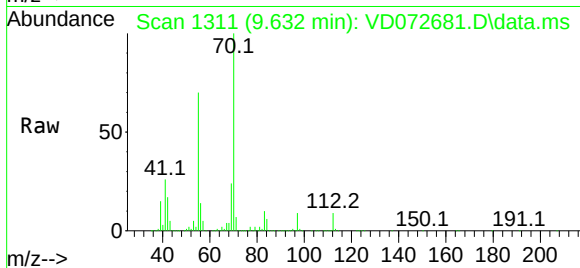
Tgt Ion: 83 Resp: 372022

Ion Ratio Lower Upper

83 100

85 4.1 51.4 77.0#

127 0.0 6.1 9.1#



#48

Methyl methacrylate

Concen: 913.421 ug/l

RT: 9.532 min Scan# 1294

Delta R.T. 0.082 min

Lab File: VD072681.D

Acq: 21 Apr 2022 20:07

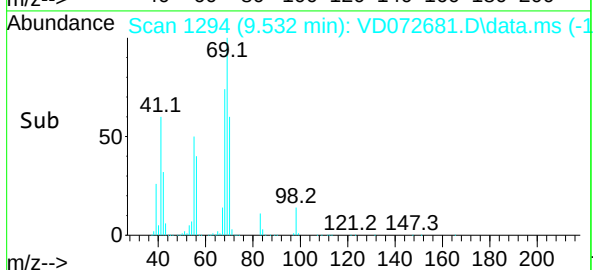
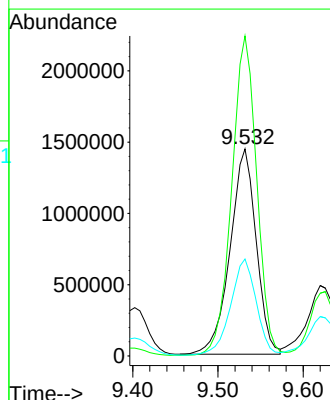
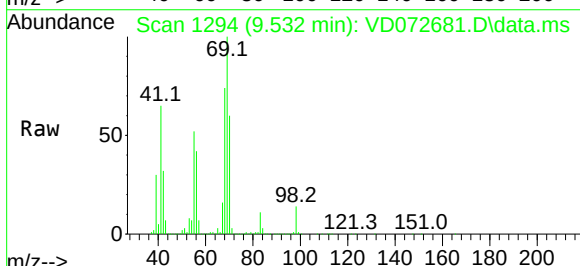
Tgt Ion: 41 Resp: 3072520

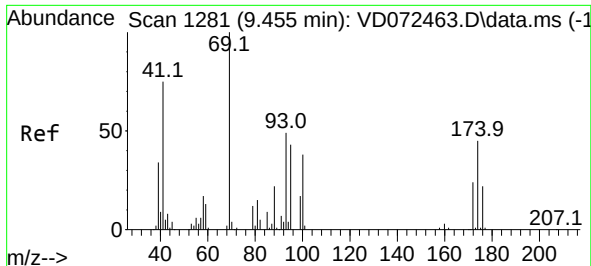
Ion Ratio Lower Upper

41 100

69 148.4 56.7 85.1#

39 46.1 42.7 64.1

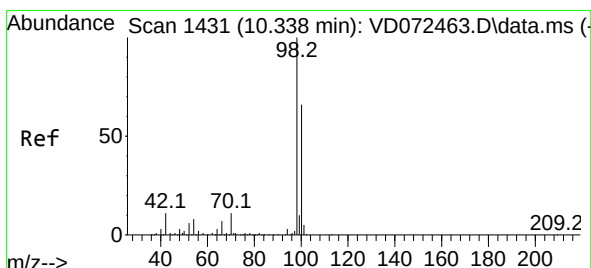
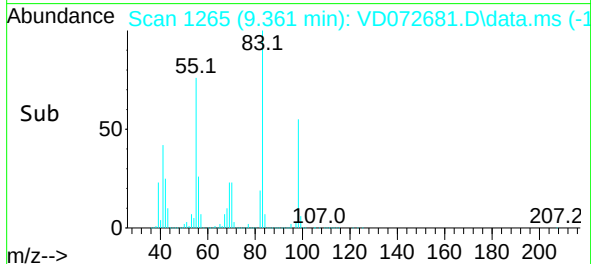
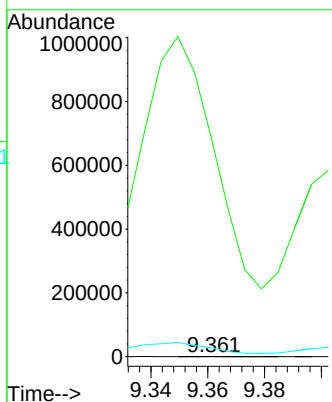
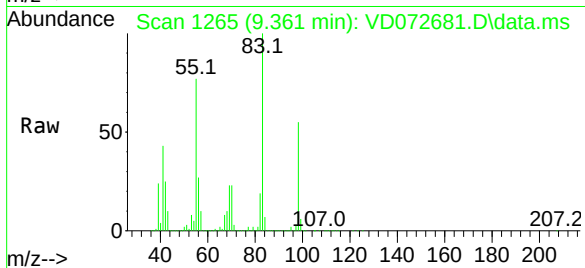




#49
1,4-Dioxane
Concen: 8.275 ug/l
RT: 9.361 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

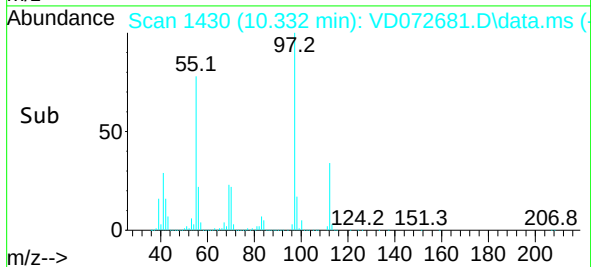
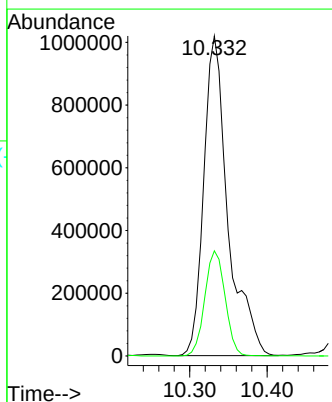
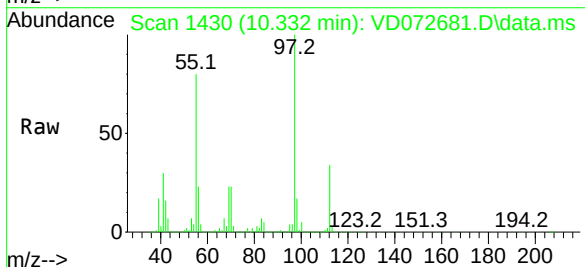
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-6-GR

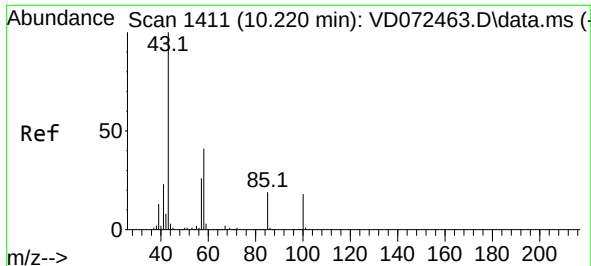
Tgt Ion: 88 Resp: 342
Ion Ratio Lower Upper
88 100
43 671865.8 31.0 46.4#
58 36156.4 58.1 87.1#



#50
Toluene-d8
Concen: 93.406 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

Tgt Ion: 98 Resp: 2213302
Ion Ratio Lower Upper
98 100
100 27.5 52.4 78.6#

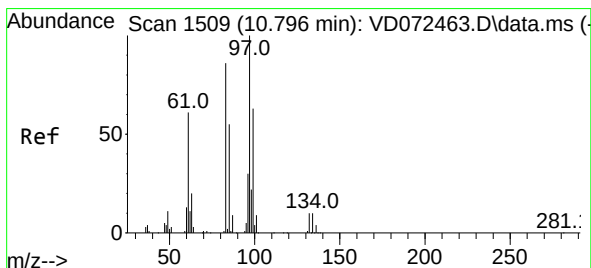
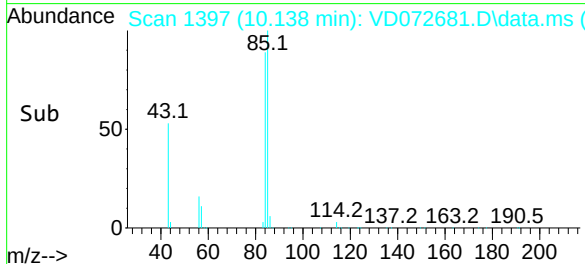
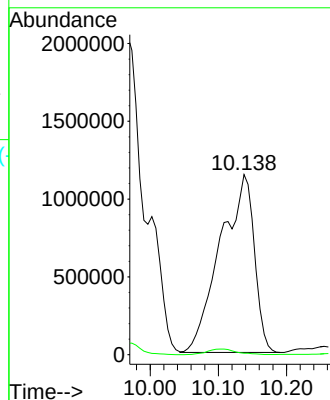
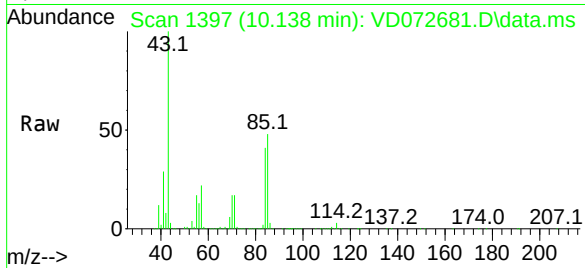




#51
4-Methyl-2-Pentanone
Concen: 1066.295 ug/l
RT: 10.138 min Scan# 11
Delta R.T. -0.082 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

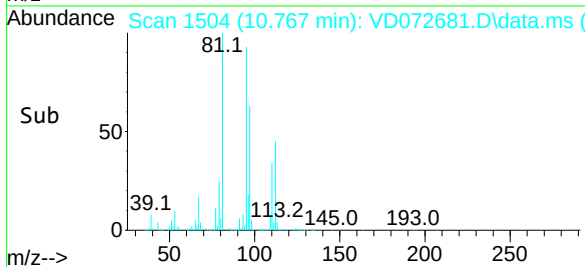
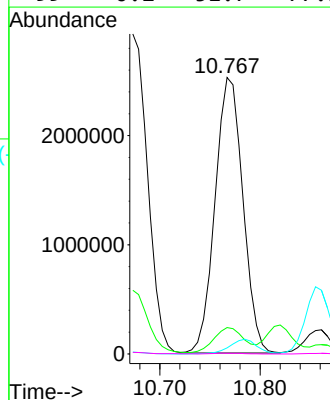
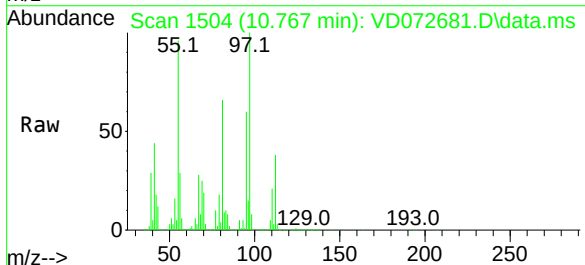
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-6-GR

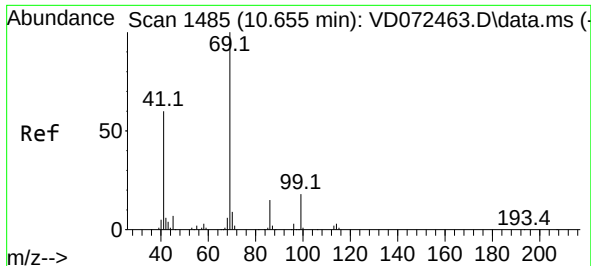
Tgt Ion: 43 Resp: 3964131
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#



#55
1,1,2-Trichloroethane
Concen: 924.009 ug/l
RT: 10.767 min Scan# 1504
Delta R.T. -0.029 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

Tgt Ion: 97 Resp: 4867172
Ion Ratio Lower Upper
97 100
83 8.9 69.0 103.4#
85 2.2 42.6 63.8#
99 0.2 51.7 77.5#

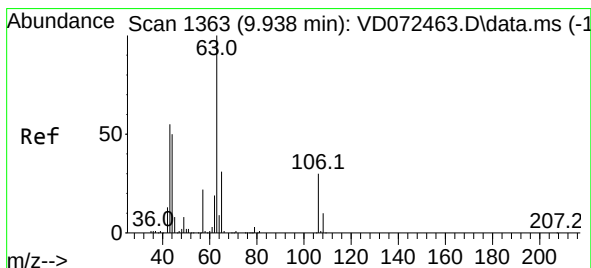
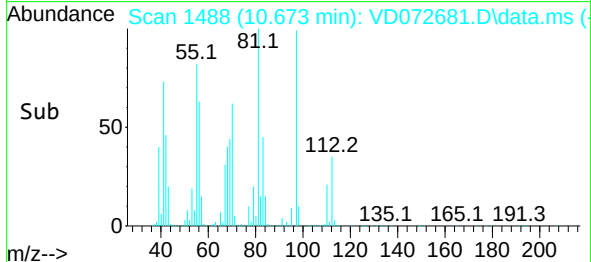
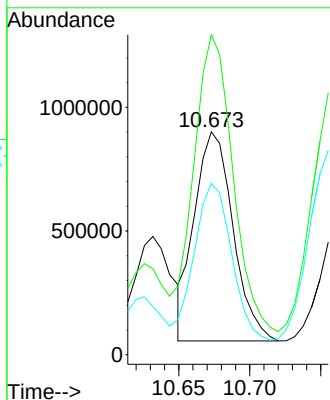
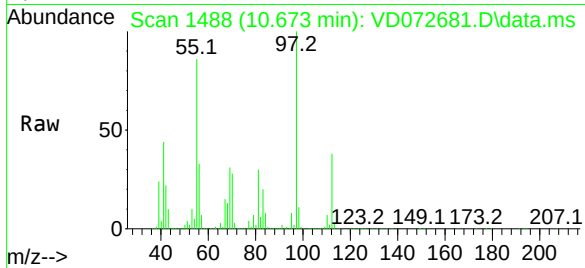




#56
Ethyl methacrylate
Concen: 242.518 ug/l
RT: 10.673 min Scan# 1488
Delta R.T. 0.018 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

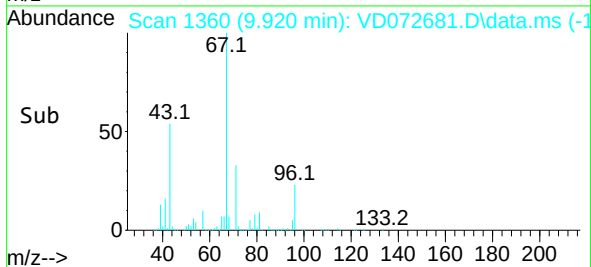
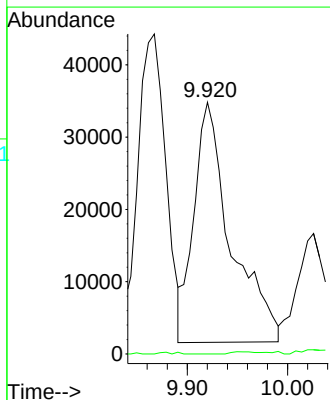
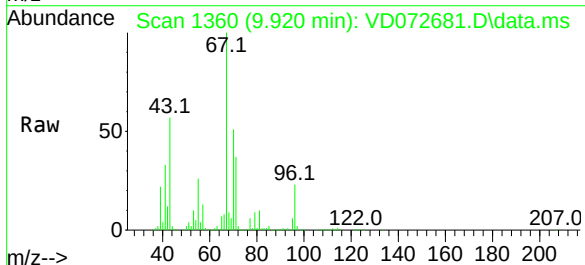
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-6-GR

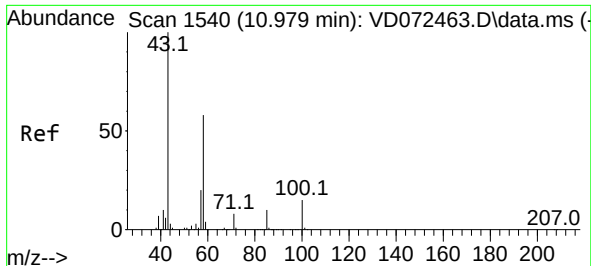
Tgt Ion: 69 Resp: 1601141
Ion Ratio Lower Upper
69 100
41 146.0 63.0 94.6#
39 76.4 33.8 50.8#



#58
2-Chloroethyl Vinyl ether
Concen: 32.822 ug/l
RT: 9.920 min Scan# 1360
Delta R.T. -0.018 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

Tgt Ion: 63 Resp: 85355
Ion Ratio Lower Upper
63 100
106 0.0 21.4 32.0#

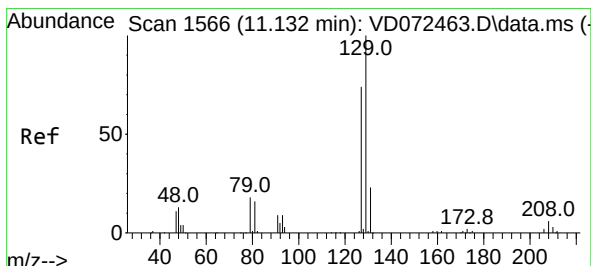
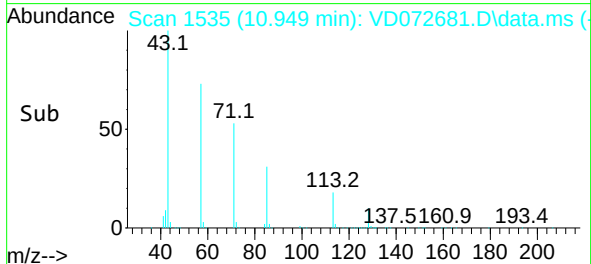
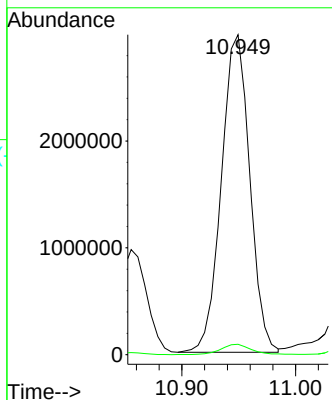
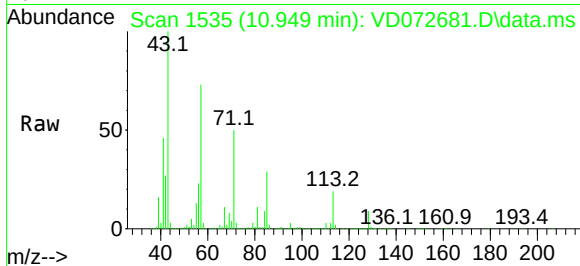




#59
2-Hexanone
Concen: 2045.575 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.029 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

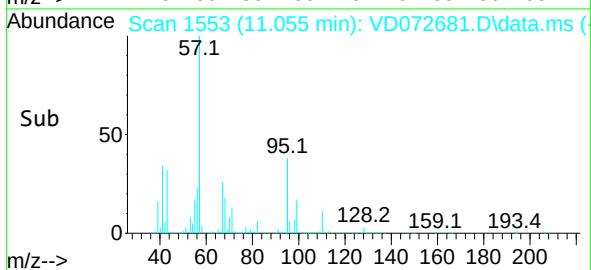
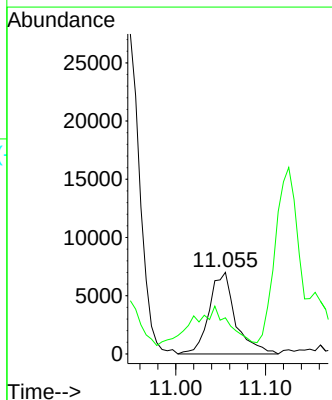
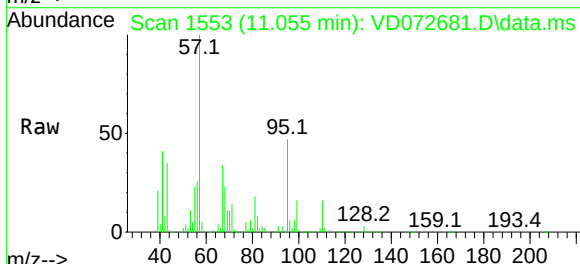
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-6-GR

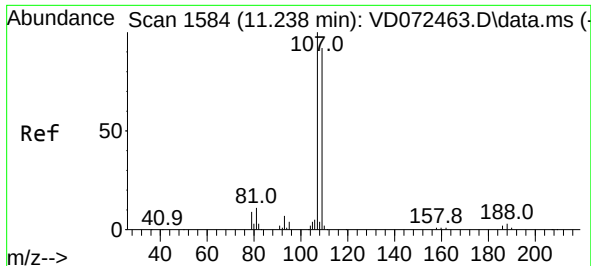
Tgt Ion: 43 Resp: 5171399
Ion Ratio Lower Upper
43 100
58 3.5 25.3 75.9#



#60
Dibromochloromethane
Concen: 2.098 ug/l
RT: 11.055 min Scan# 1553
Delta R.T. -0.077 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

Tgt Ion:129 Resp: 14257
Ion Ratio Lower Upper
129 100
127 69.8 39.2 117.6

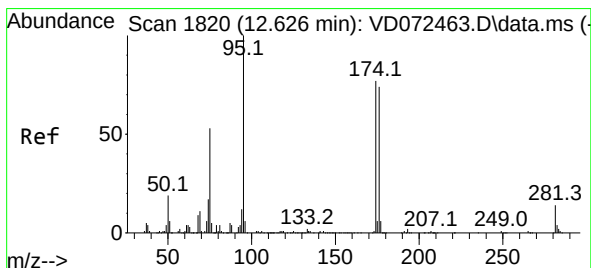
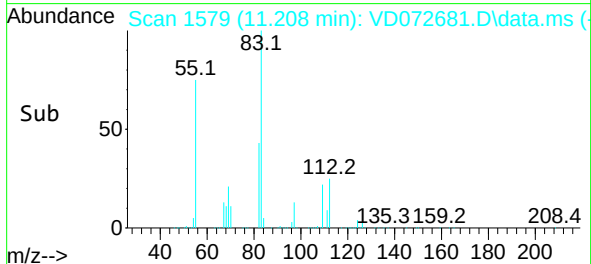
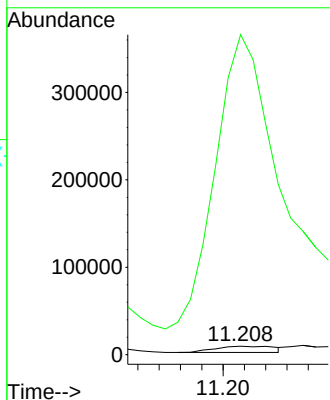
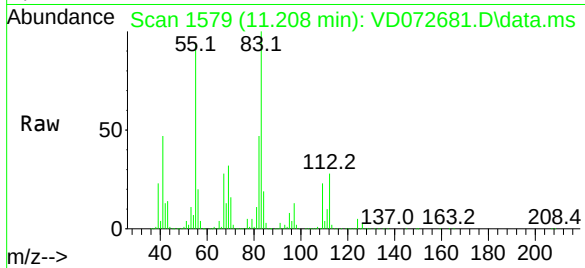




#61
1,2-Dibromoethane
Concen: 3.030 ug/l
RT: 11.208 min Scan# 11
Delta R.T. -0.029 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

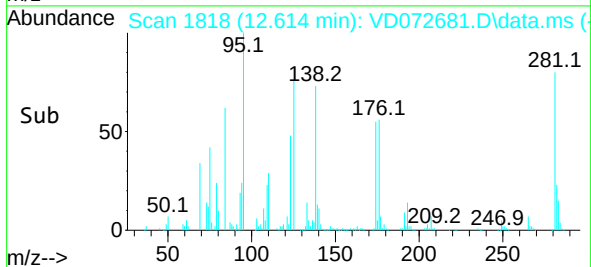
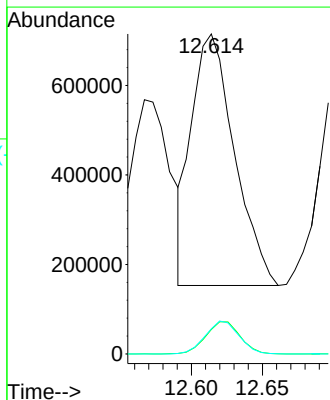
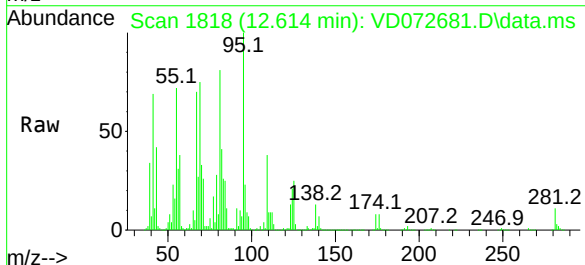
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-6-GR

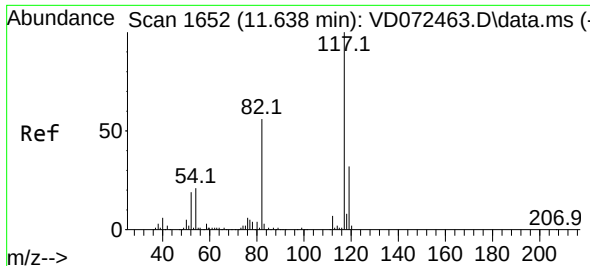
Tgt Ion:107 Resp: 14172
Ion Ratio Lower Upper
107 100
109 5540.9 74.2 111.4#



#62
4-Bromofluorobenzene
Concen: 127.835 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.012 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

Tgt Ion: 95 Resp: 1182999
Ion Ratio Lower Upper
95 100
174 10.3 0.0 152.8
176 10.3 0.0 145.4

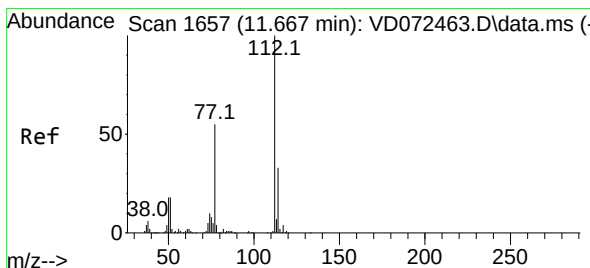
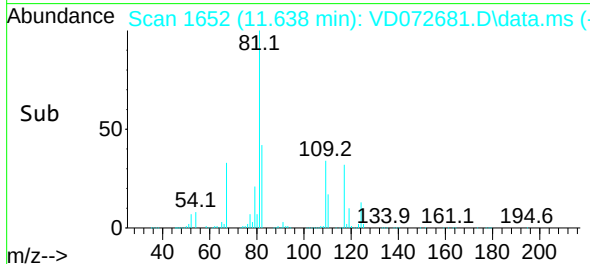
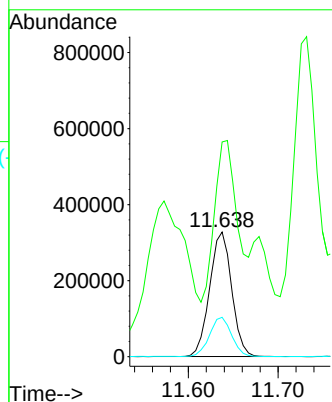
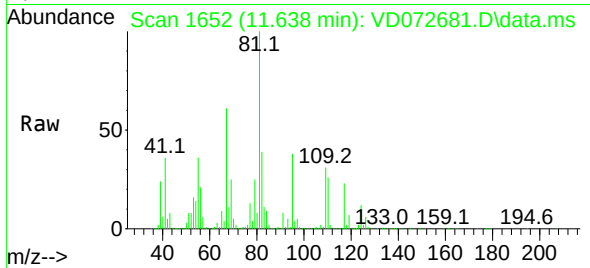




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

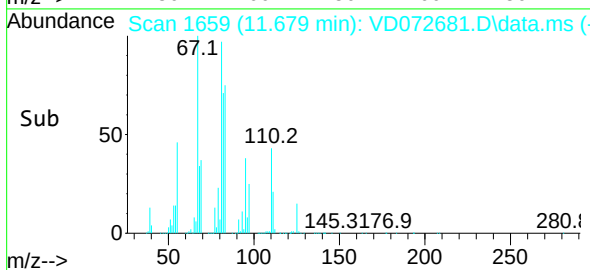
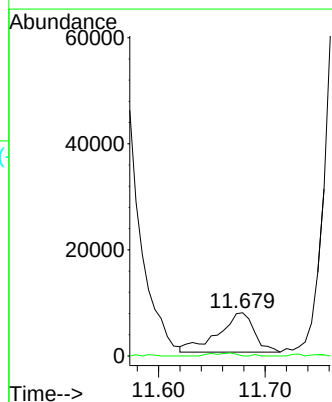
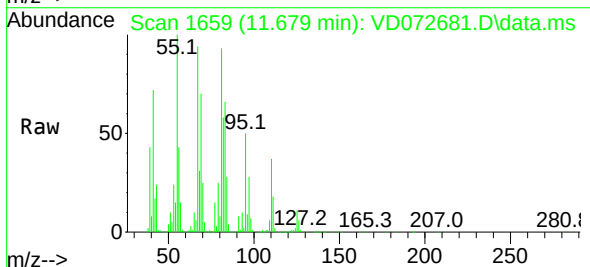
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-6-GR

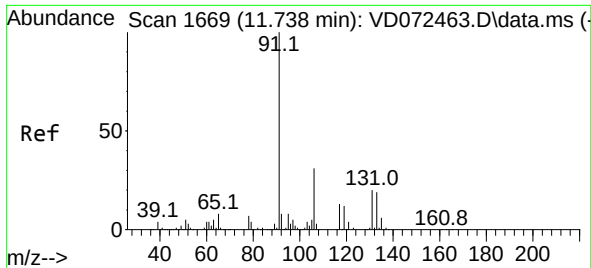
Tgt Ion:117 Resp: 558469
Ion Ratio Lower Upper
117 100
82 124.2 45.3 67.9#
119 31.5 26.6 40.0



#65
Chlorobenzene
Concen: 1.403 ug/l
RT: 11.679 min Scan# 1659
Delta R.T. 0.012 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

Tgt Ion:112 Resp: 17512
Ion Ratio Lower Upper
112 100
114 0.0 25.8 38.6#

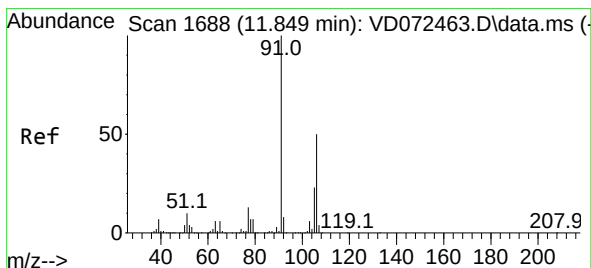
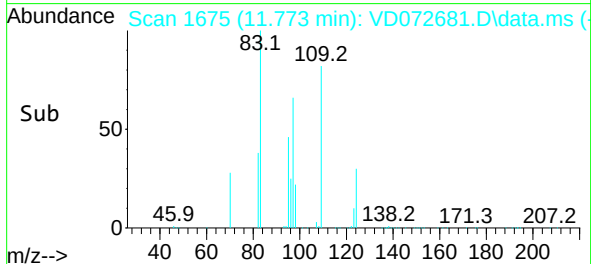
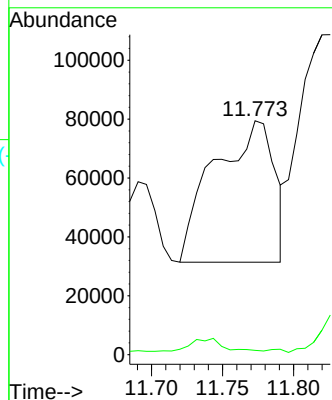
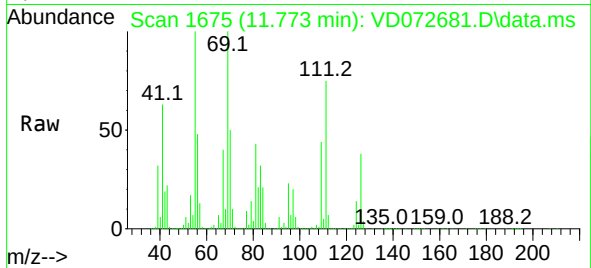




#67
Ethyl Benzene
Concen: 6.485 ug/l
RT: 11.773 min Scan# 1675
Delta R.T. 0.035 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

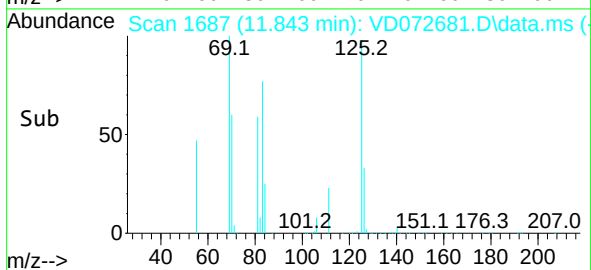
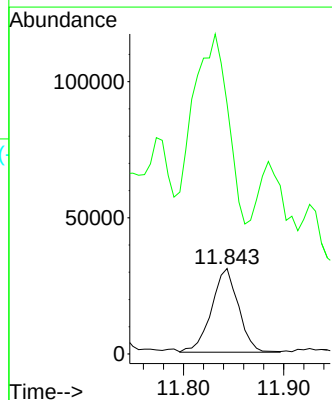
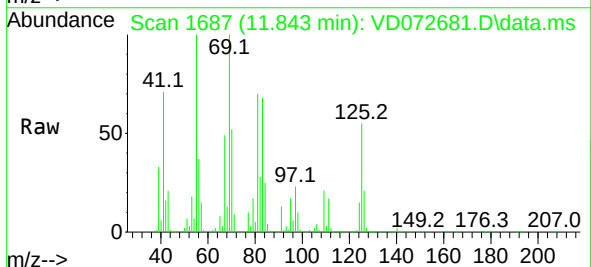
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-6-GR

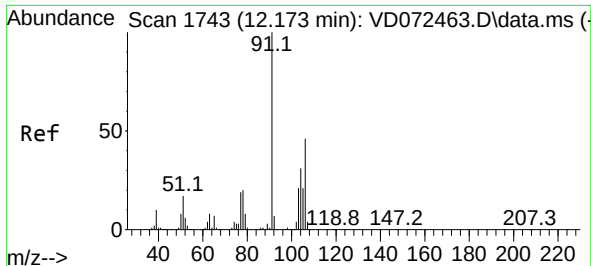
Tgt Ion: 91 Resp: 141288
Ion Ratio Lower Upper
91 100
106 0.0 24.2 36.4#



#68
m/p-Xylenes
Concen: 6.940 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

Tgt Ion: 106 Resp: 57364
Ion Ratio Lower Upper
106 100
91 421.1 163.7 245.5#

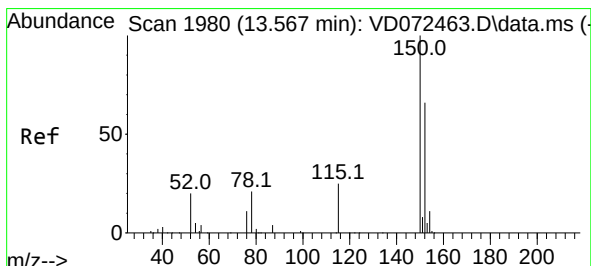
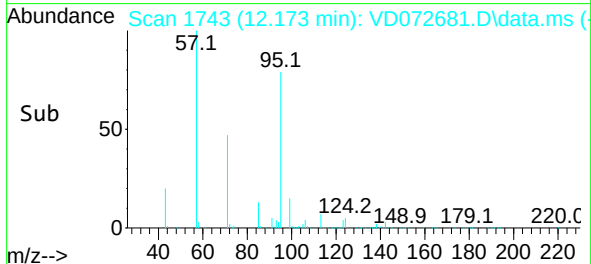
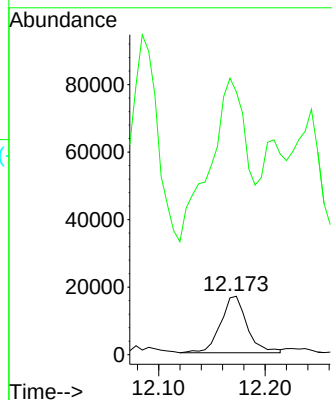
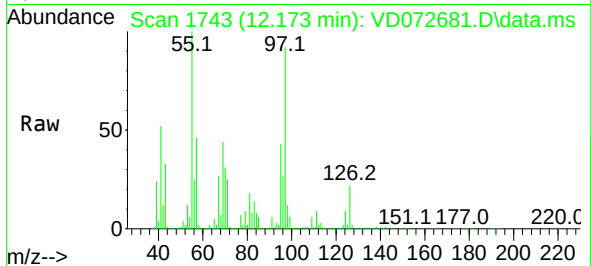




#69
o-Xylene
Concen: 3.614 ug/l
RT: 12.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

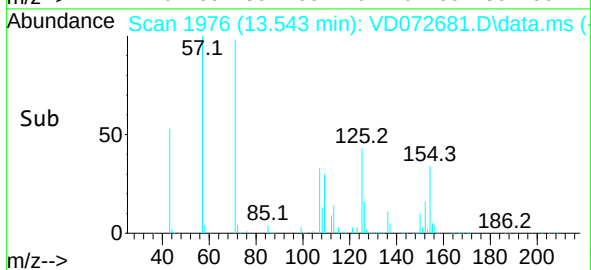
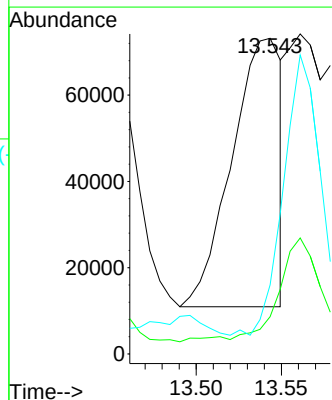
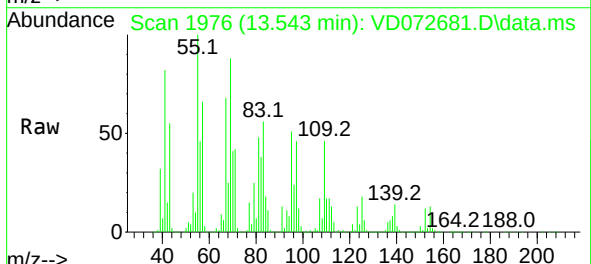
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-6-GR

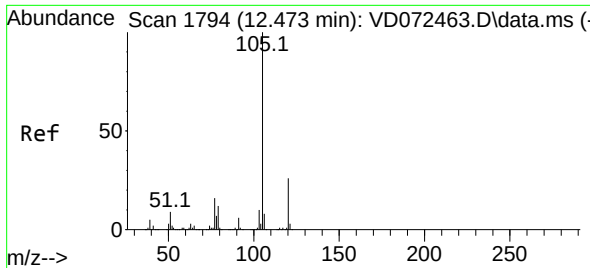
Tgt Ion:106 Resp: 28821
Ion Ratio Lower Upper
106 100
91 393.9 110.4 331.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.543 min Scan# 1976
Delta R.T. -0.024 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

Tgt Ion:152 Resp: 125730
Ion Ratio Lower Upper
152 100
115 37.3 31.3 93.8
150 81.4 0.0 348.6

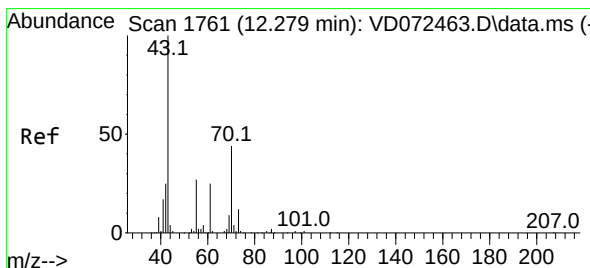
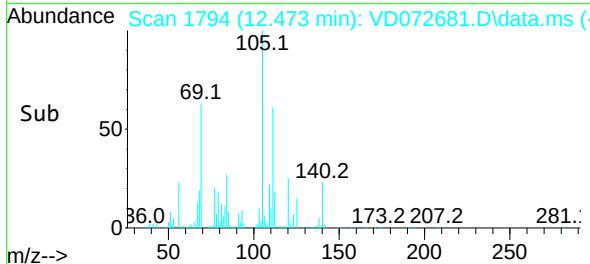
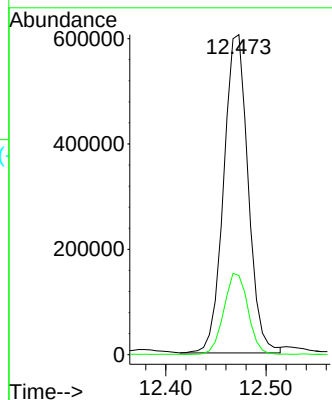
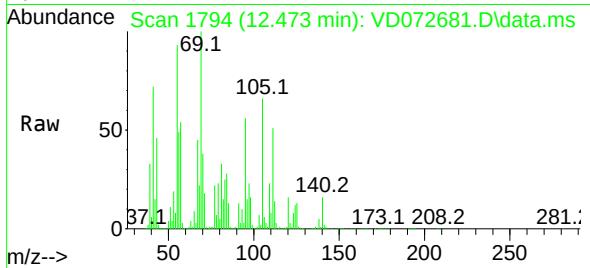




#73
Isopropylbenzene
Concen: 101.001 ug/l
RT: 12.473 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

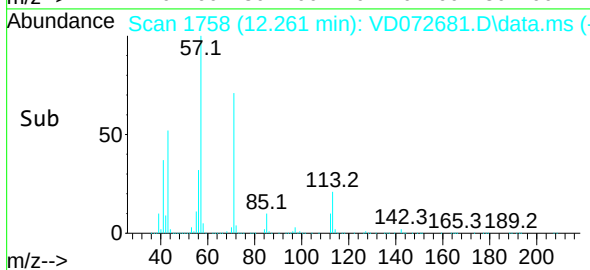
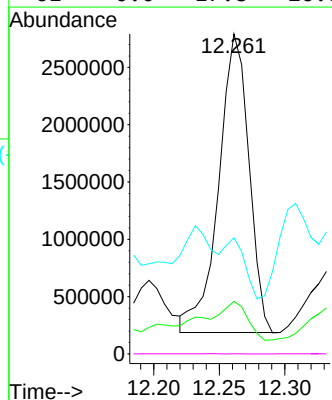
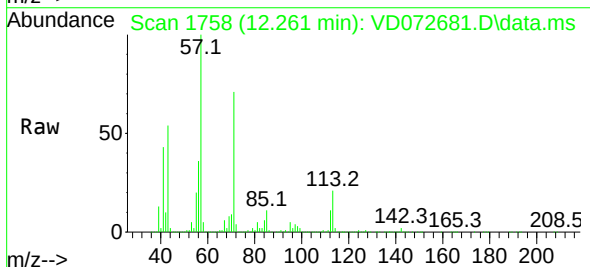
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-6-GR

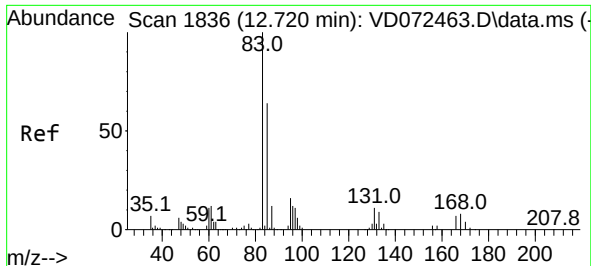
Tgt Ion:105 Resp: 1025570
Ion Ratio Lower Upper
105 100
120 25.2 13.0 38.9



#74
N-ethyl acetate
Concen: 1961.206 ug/l
RT: 12.261 min Scan# 1758
Delta R.T. -0.018 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

Tgt Ion: 43 Resp: 4178406
Ion Ratio Lower Upper
43 100
70 18.5 31.3 46.9#
55 0.0 20.0 30.0#
61 0.0 17.8 26.8#

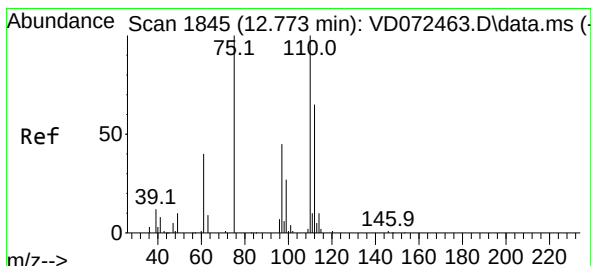
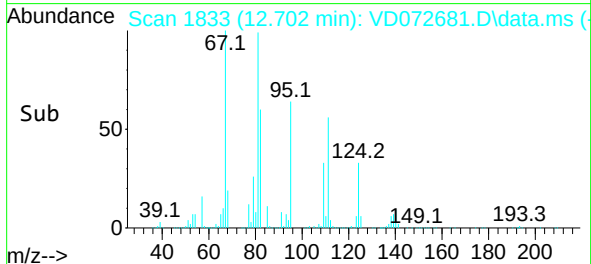
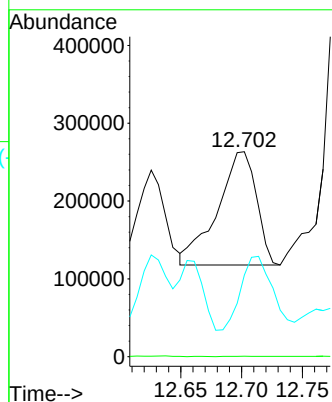
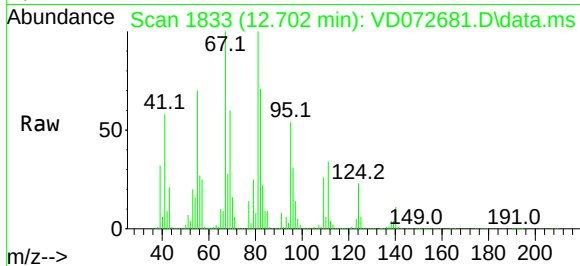




#75
1,1,2,2-Tetrachloroethane
Concen: 168.836 ug/l
RT: 12.702 min Scan# 1833
Delta R.T. -0.018 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

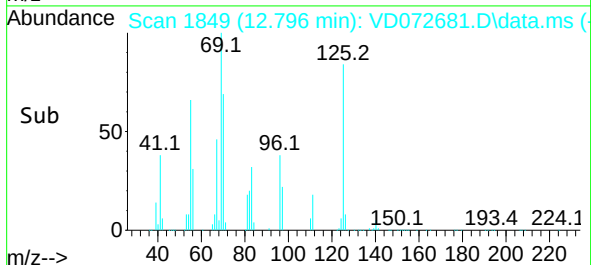
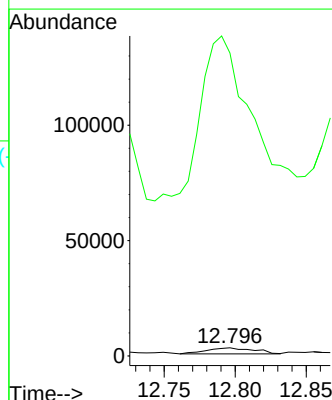
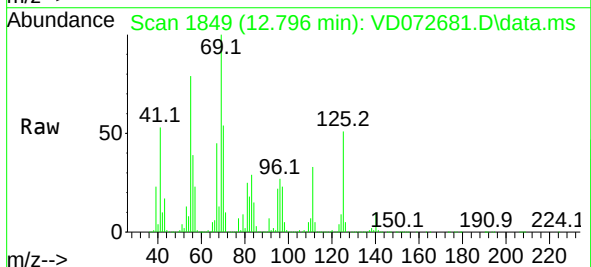
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-6-GR

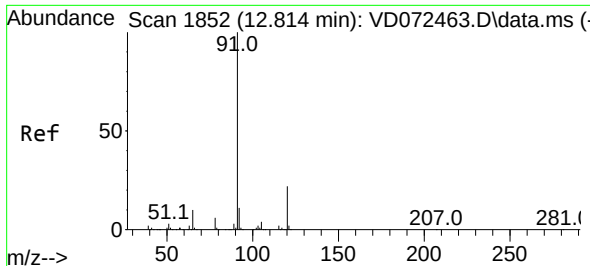
Tgt Ion: 83 Resp: 324723
Ion Ratio Lower Upper
83 100
131 0.3 5.0 14.9#
85 52.2 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 4.515 ug/l
RT: 12.796 min Scan# 1849
Delta R.T. 0.024 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

Tgt Ion: 75 Resp: 6192
Ion Ratio Lower Upper
75 100
77 2889.9 0.0 0.0#

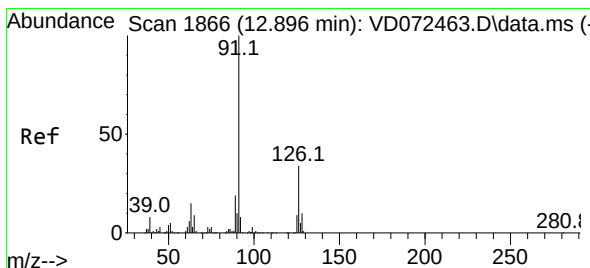
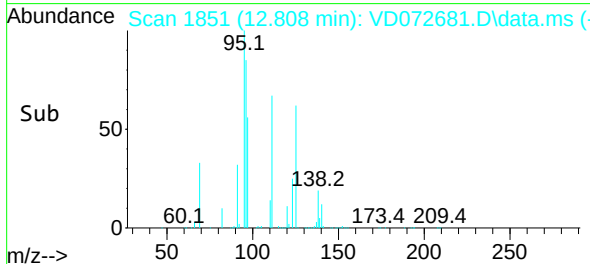
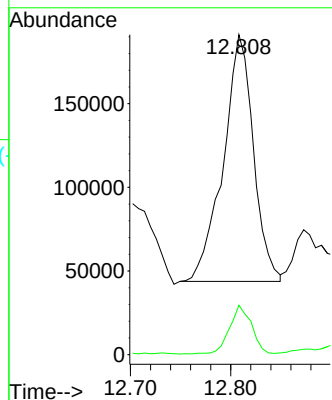
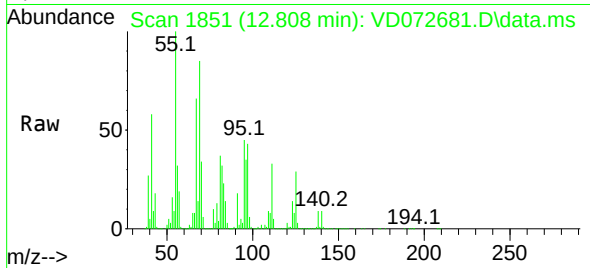




#78
n-propylbenzene
Concen: 25.235 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

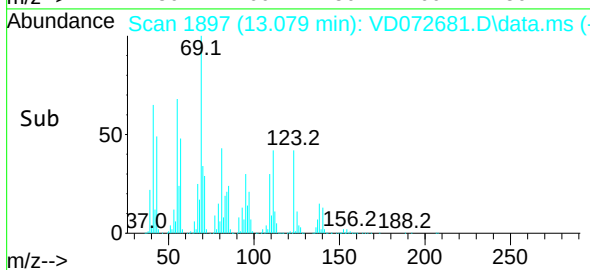
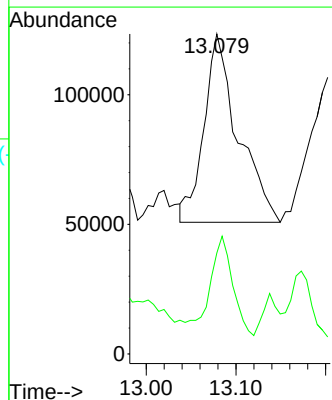
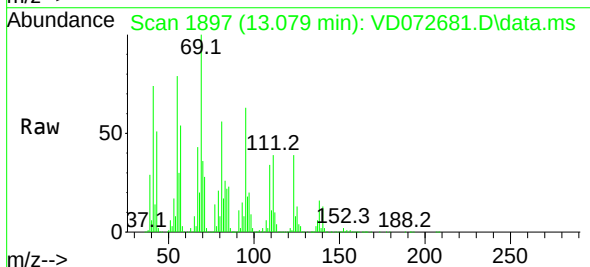
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-6-GR

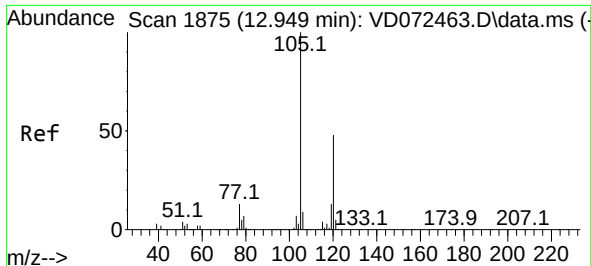
Tgt Ion: 91 Resp: 309114
Ion Ratio Lower Upper
91 100
120 14.5 10.9 32.9



#79
2-Chlorotoluene
Concen: 26.721 ug/l
RT: 13.079 min Scan# 1897
Delta R.T. 0.182 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

Tgt Ion: 91 Resp: 191421
Ion Ratio Lower Upper
91 100
126 34.4 16.2 48.6

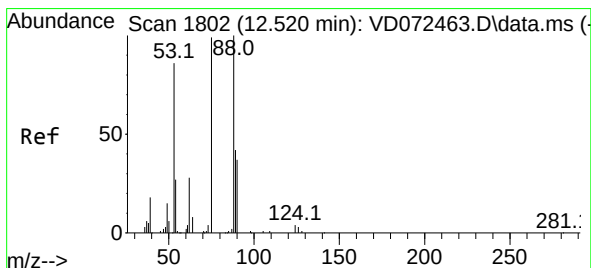
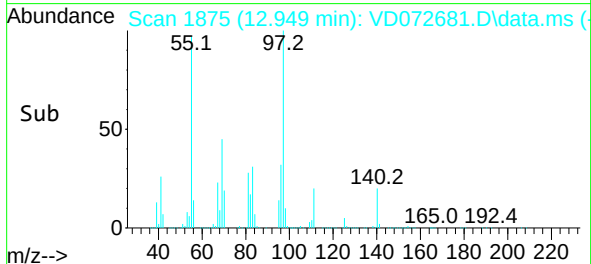
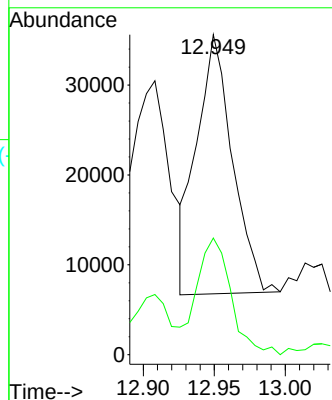
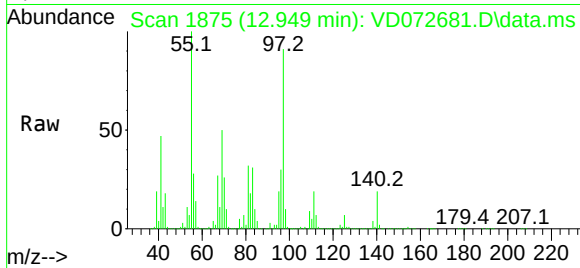




#80
 1,3,5-Trimethylbenzene
 Concen: 5.815 ug/l
 RT: 12.949 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VD072681.D
 Acq: 21 Apr 2022 20:07

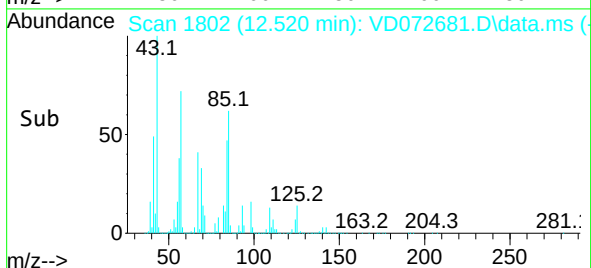
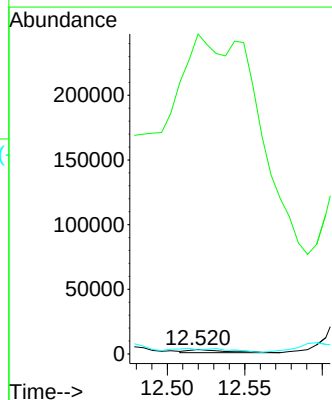
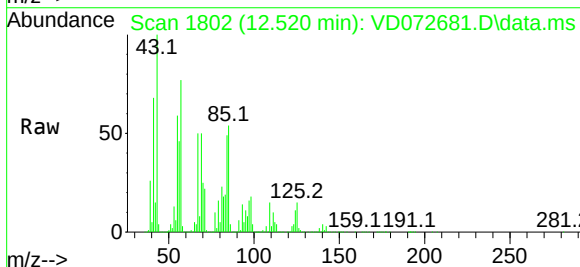
Instrument :
 MSVOA_D
 ClientSampleId :
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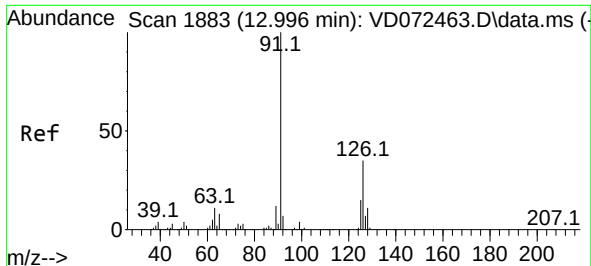
Tgt Ion:105 Resp: 50566
 Ion Ratio Lower Upper
 105 100
 120 42.6 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 7.567 ug/l
 RT: 12.520 min Scan# 1802
 Delta R.T. -0.000 min
 Lab File: VD072681.D
 Acq: 21 Apr 2022 20:07

Tgt Ion: 75 Resp: 4229
 Ion Ratio Lower Upper
 75 100
 53 3117.7 86.5 129.7#
 89 39.7 33.9 50.9

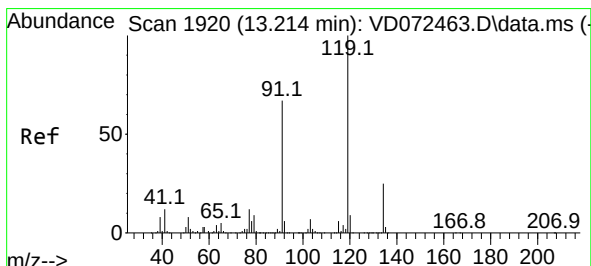
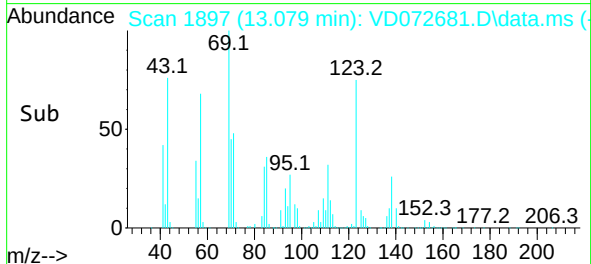
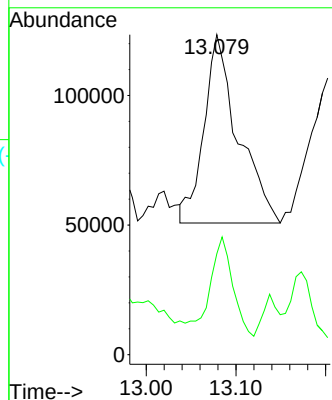
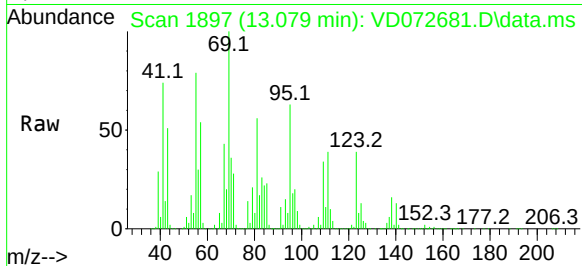




#82
4-Chlorotoluene
Concen: 25.657 ug/l
RT: 13.079 min Scan# 11
Delta R.T. 0.082 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

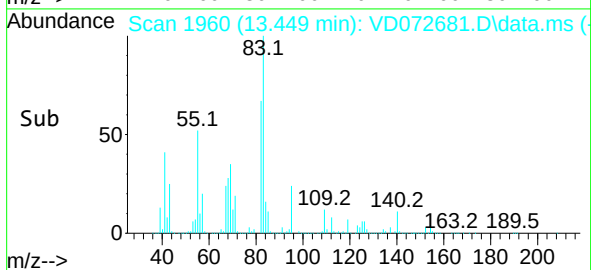
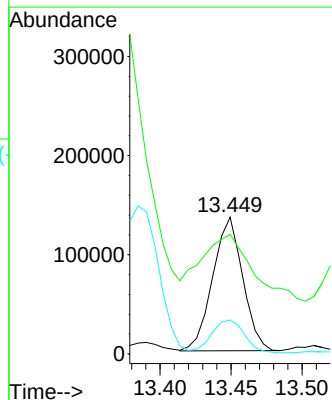
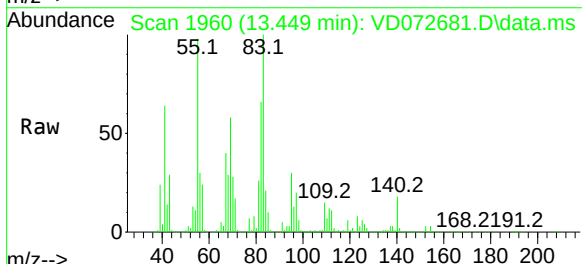
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-6-GR

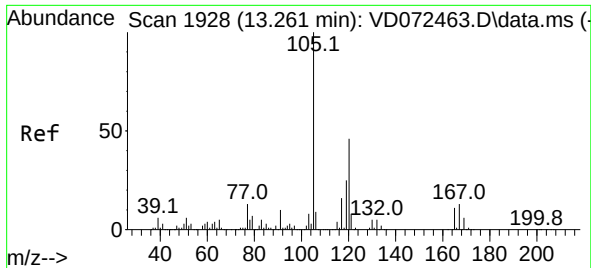
Tgt Ion: 91 Resp: 191421
Ion Ratio Lower Upper
91 100
126 37.2 16.5 49.5



#83
tert-Butylbenzene
Concen: 26.340 ug/l
RT: 13.449 min Scan# 1960
Delta R.T. 0.235 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

Tgt Ion: 119 Resp: 198306
Ion Ratio Lower Upper
119 100
91 61.8 34.8 104.5
134 27.1 13.3 39.9

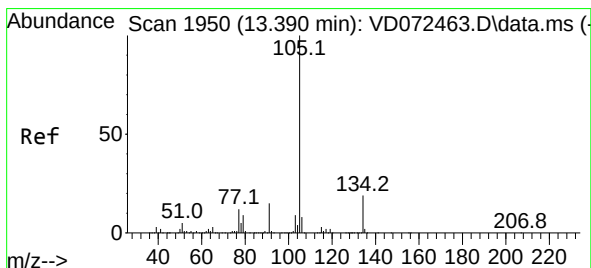
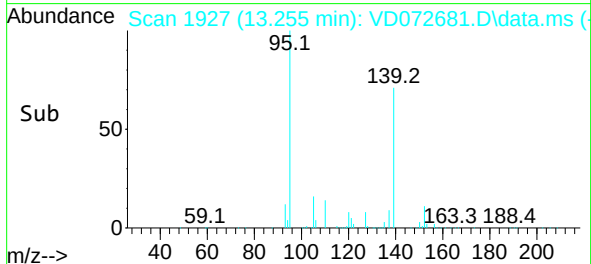
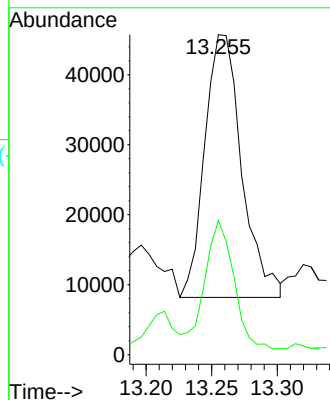
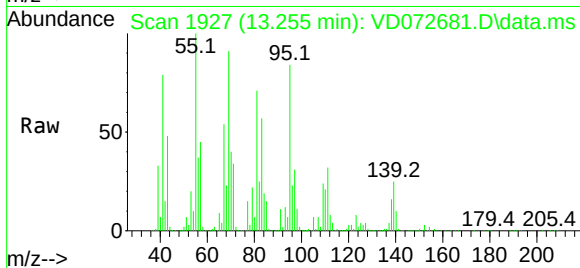




#84
1,2,4-Trimethylbenzene
Concen: 8.673 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

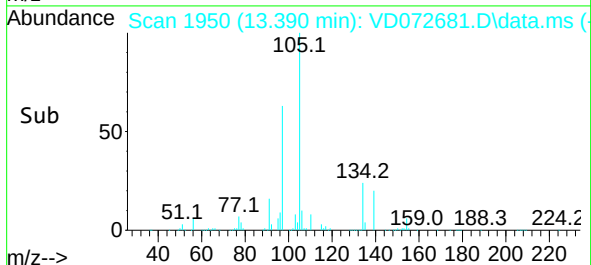
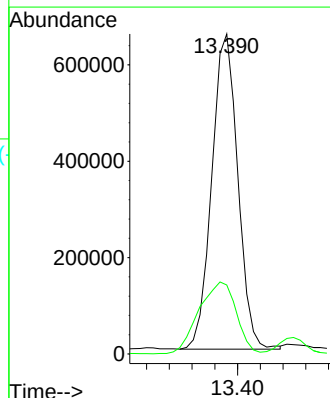
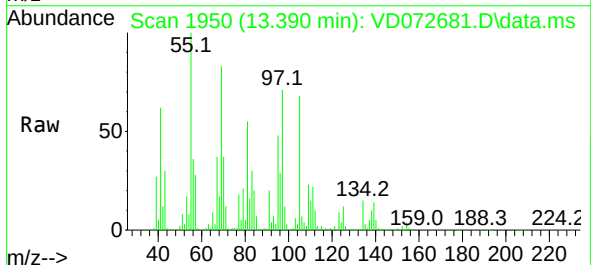
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-6-GR

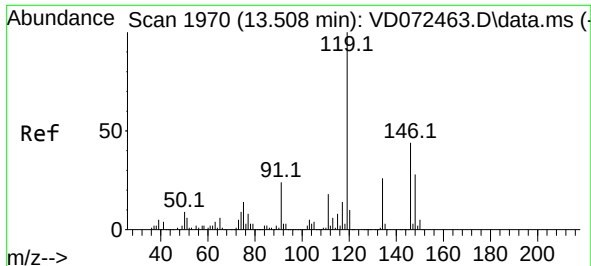
Tgt Ion:105 Resp: 73757
Ion Ratio Lower Upper
105 100
120 38.6 22.3 66.8



#85
sec-Butylbenzene
Concen: 91.778 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

Tgt Ion:105 Resp: 1040781
Ion Ratio Lower Upper
105 100
134 32.7 9.8 29.3#

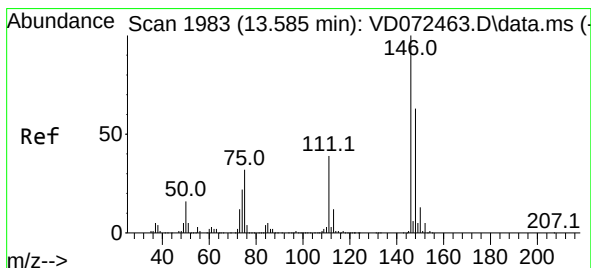
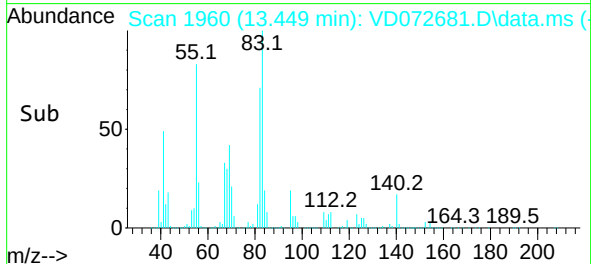
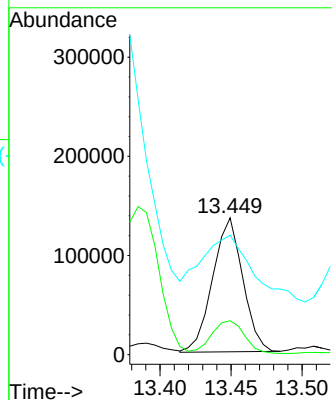
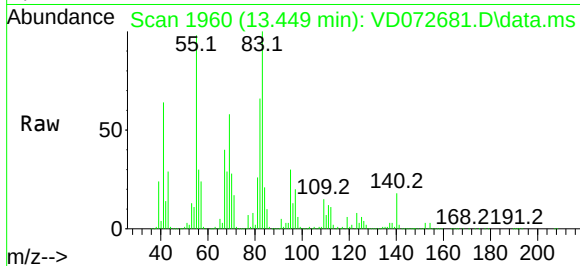




#86
p-Isopropyltoluene
Concen: 21.516 ug/l
RT: 13.449 min Scan# 1960
Delta R.T. -0.059 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

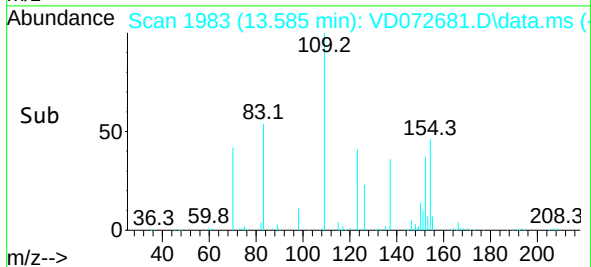
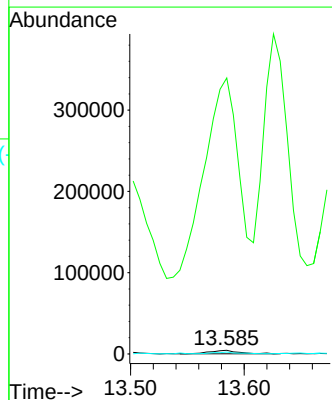
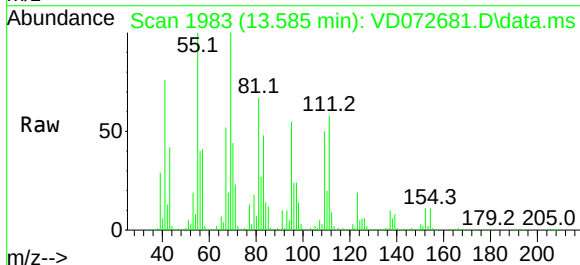
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-6-GR

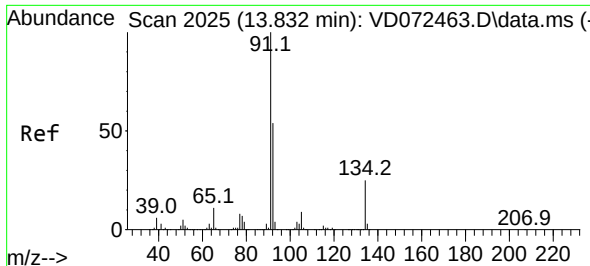
Tgt Ion:119 Resp: 199433
Ion Ratio Lower Upper
119 100
134 26.9 12.9 38.6
91 98.0 12.1 36.3#



#88
1,4-Dichlorobenzene
Concen: 1.647 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

Tgt Ion:146 Resp: 7828
Ion Ratio Lower Upper
146 100
111 6633.0 20.3 60.9#
148 33.8 31.7 95.1

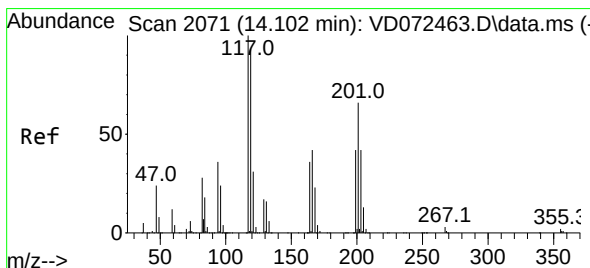
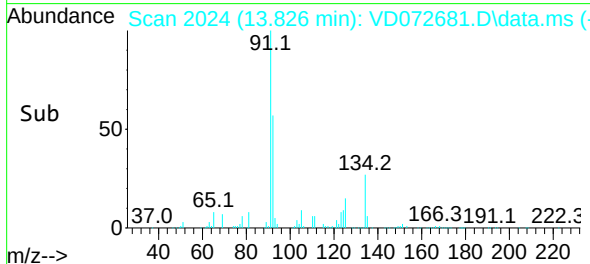
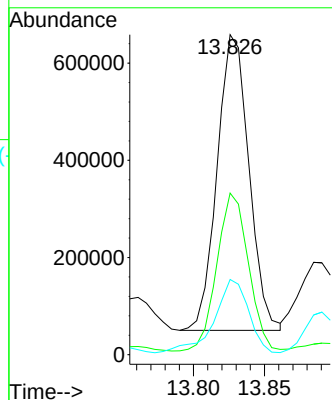
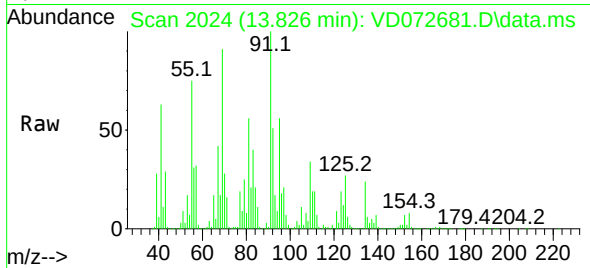




#89
n-Butylbenzene
Concen: 107.396 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.006 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

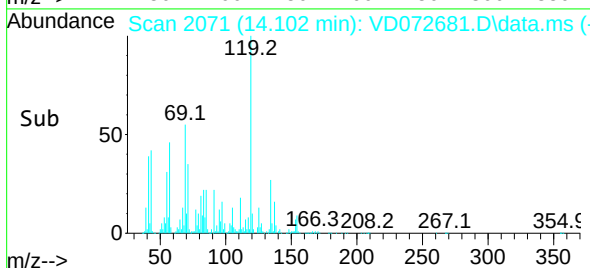
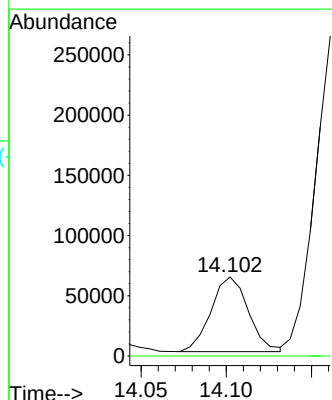
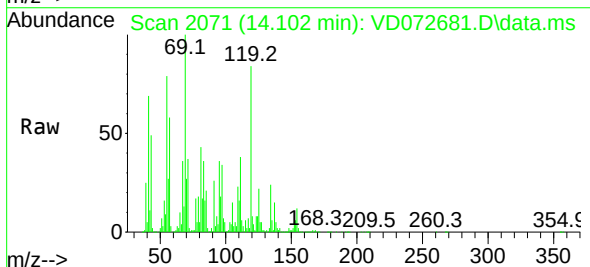
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-6-GR

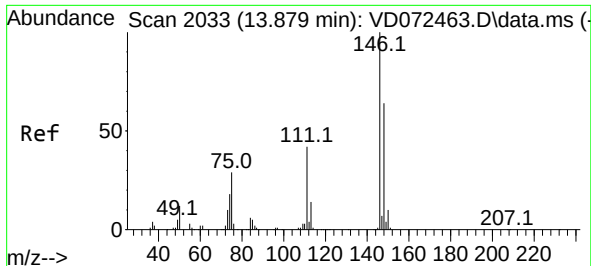
Tgt Ion: 91 Resp: 948318
Ion Ratio Lower Upper
91 100
92 52.8 26.6 79.8
134 26.7 12.3 36.9



#90
Hexachloroethane
Concen: 49.945 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.000 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

Tgt Ion: 117 Resp: 94773
Ion Ratio Lower Upper
117 100
201 0.0 33.4 100.2#





#91

1,2-Dichlorobenzene

Concen: 1.299 ug/l

RT: 13.873 min Scan# 2033

Delta R.T. -0.006 min

Lab File: VD072681.D

Acq: 21 Apr 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

WC-16-1A-6-GR

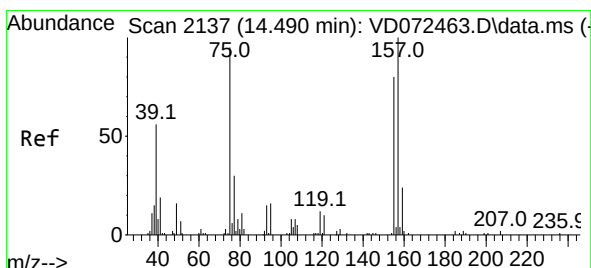
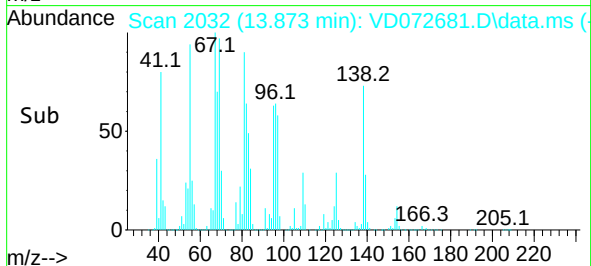
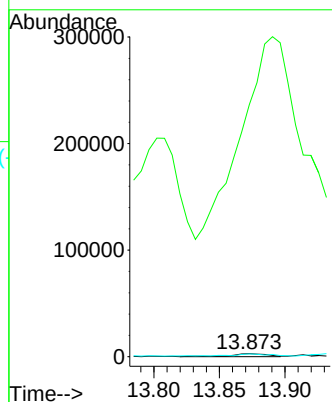
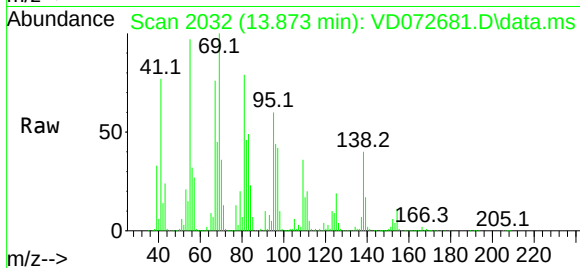
Tgt Ion:146 Resp: 5405

Ion Ratio Lower Upper

146 100

111 15031.2 21.1 63.3#

148 69.0 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.846 ug/l

RT: 14.508 min Scan# 2140

Delta R.T. 0.018 min

Lab File: VD072681.D

Acq: 21 Apr 2022 20:07

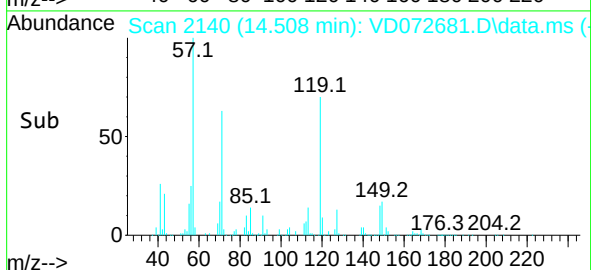
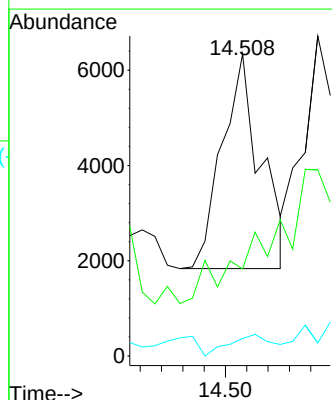
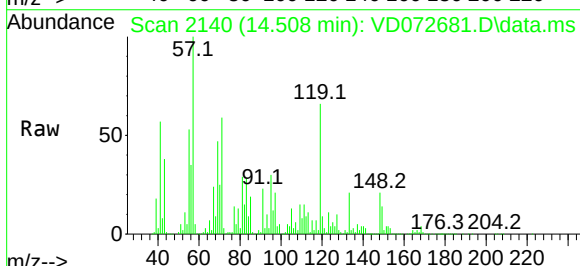
Tgt Ion: 75 Resp: 5645

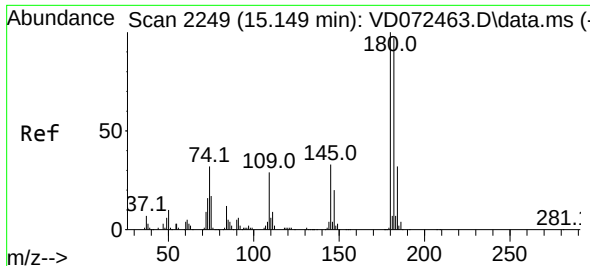
Ion Ratio Lower Upper

75 100

155 0.0 36.8 110.3#

157 11.2 48.4 145.0#

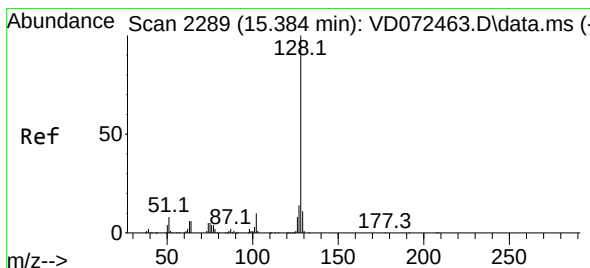
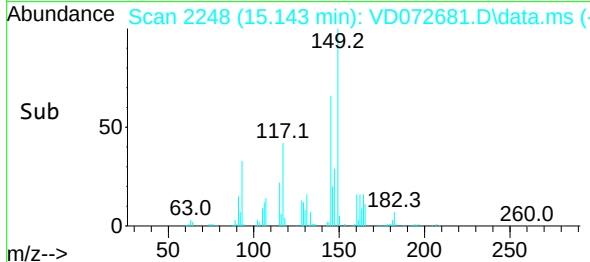
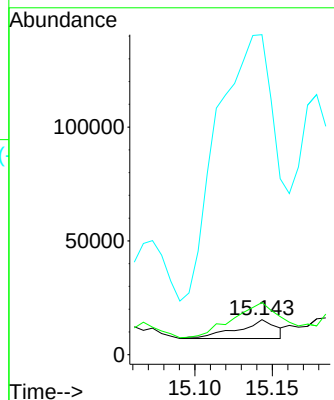
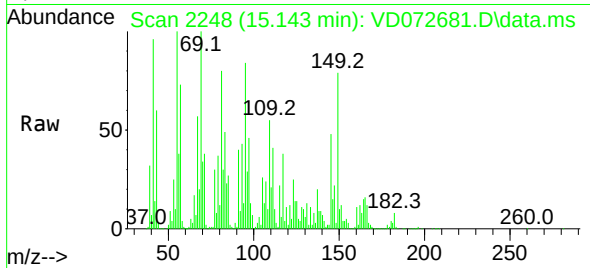




#93
1,2,4-Trichlorobenzene
Concen: 5.578 ug/l
RT: 15.143 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

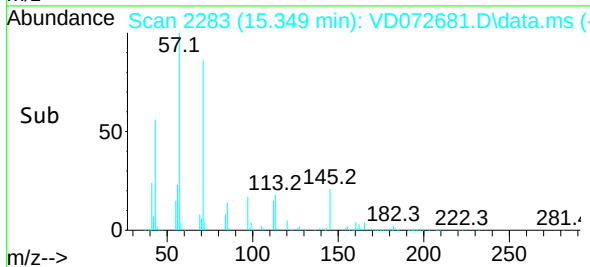
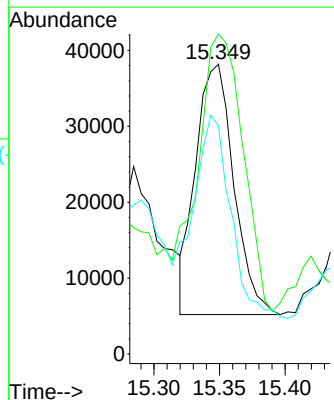
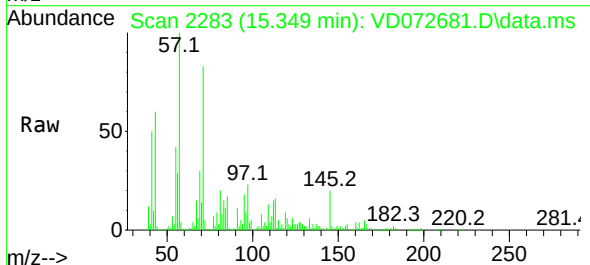
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-6-GR

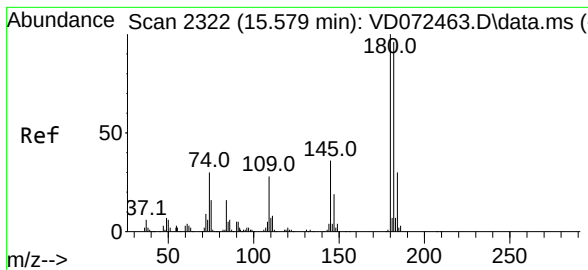
Tgt Ion:180 Resp: 14382
Ion Ratio Lower Upper
180 100
182 231.7 47.3 142.0#
145 2296.5 16.2 48.5#



#95
Naphthalene
Concen: 13.329 ug/l
RT: 15.349 min Scan# 2283
Delta R.T. -0.035 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

Tgt Ion:128 Resp: 66773
Ion Ratio Lower Upper
128 100
127 131.9 10.3 15.5#
129 80.6 8.4 12.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 14.005 ug/l
 RT: 15.596 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: VD072681.D
 Acq: 21 Apr 2022 20:07

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-16-1A-6-GR

Tgt Ion:180	Resp:	31514
Ion Ratio	Lower	Upper
180	100	
182	0.0	47.6 142.9#
145	0.0	17.1 51.3#

