

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042122\
 Data File : VD072668.D
 Acq On : 21 Apr 2022 13:56
 Operator : VA/SY
 Sample : N2480-09
 Misc : 4.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-16-1A-3-GR

Quant Time: Apr 22 03:40:17 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	7.979	168	481282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	812703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	575507	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.679	152	230492	50.000	ug/l	0.11

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	245738	42.208	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.420%
35) Dibromofluoromethane	7.908	113	256329	40.585	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.180%
50) Toluene-d8	10.332	98	2412091	109.869	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	219.740%#
62) 4-Bromofluorobenzene	12.620	95	1917235	223.607	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	447.220%#

Target Compounds						Qvalue
4) Vinyl Chloride	2.350	62	724	1.125	ug/l	97
10) Methyl Iodide	4.297	142	1859	4.065	ug/l	# 57
11) Tert butyl alcohol	5.214	59	803	2.612	ug/l	# 74
13) Acrolein	3.879	56	613	4.493	ug/l	# 1
15) Acrylonitrile	5.497	53	29913	24.277	ug/l	# 28
16) Acetone	4.150	43	68689	63.272	ug/l	96
17) Carbon Disulfide	4.420	76	18128	5.422	ug/l	99
20) Methylene Chloride	4.956	84	28279	4.376	ug/l	# 67
23) Vinyl Acetate	6.332	43	552	6.347	ug/l	# 75
25) 2-Butanone	7.208	43	45192	30.099	ug/l	# 84
29) Tetrahydrofuran	7.561	42	1105	1.219	ug/l	# 38
30) Chloroform	7.667	83	27277	2.317	ug/l	# 17
31) Cyclohexane	7.985	56	548295	72.023	ug/l	91
36) 1,1-Dichloropropene	8.108	75	1549	1.312	ug/l	# 43
37) Ethyl Acetate	7.208	43	45192	13.504	ug/l	# 76
38) Carbon Tetrachloride	7.973	117	50083	5.756	ug/l	# 16
39) Methylcyclohexane	9.355	83	6827844	687.479	ug/l	96
41) Methacrylonitrile	7.550	41	1859	2.577	ug/l	# 32
42) 1,2-Dichloroethane	8.467	62	7022	1.042	ug/l	# 1
43) Isopropyl Acetate	8.450	43	451748	70.373	ug/l	# 54
45) 1,2-Dichloropropane	9.355	63	71024	11.575	ug/l	# 1
47) Bromodichloromethane	9.632	83	166629	18.017	ug/l	# 35
48) Methyl methacrylate	9.402	41	421915	135.378	ug/l	# 40
51) 4-Methyl-2-Pentanone	10.267	43	205033	59.525	ug/l	# 76
52) Toluene	10.397	92	25717	1.755	ug/l	# 64
55) 1,1,2-Trichloroethane	10.773	97	4710699	965.231	ug/l	# 21
56) Ethyl methacrylate	10.673	69	2197479	358.668	ug/l	# 36
58) 2-Chloroethyl Vinyl ether	9.955	63	4165	1.729	ug/l	# 48
59) 2-Hexanone	10.949	43	8367727	3572.410	ug/l	# 32
60) Dibromochloromethane	11.055	129	23130	3.674	ug/l	# 54
61) 1,2-Dibromoethane	11.232	107	9931	2.292	ug/l	# 1
65) Chlorobenzene	11.661	112	207880	16.156	ug/l	97
67) Ethyl Benzene	11.732	91	56564	2.519	ug/l	# 71
68) m/p-Xylenes	11.844	106	21536	2.528	ug/l	# 1
69) o-Xylene	12.173	106	136127	16.564	ug/l	# 1
73) Isopropylbenzene	12.473	105	7665249	411.785	ug/l	98

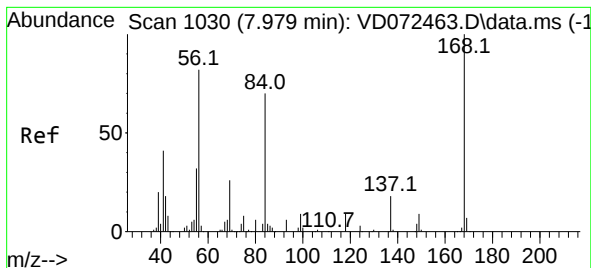
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) N-amyl acetate	12.273	43	12546579	3212.337	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	12.702	83	1614721	457.966	ug/l #	77
76) 1,2,3-Trichloropropane	12.796	75	18441	7.336	ug/l #	100
78) n-propylbenzene	12.808	91	1420425	63.253	ug/l	90
79) 2-Chlorotoluene	12.949	91	591308	45.025	ug/l	77
80) 1,3,5-Trimethylbenzene	13.114	105	499709	31.344	ug/l	72
81) trans-1,4-Dichloro-2-b...	12.473	75	96089	93.793	ug/l #	1
82) 4-Chlorotoluene	12.949	91	475773	34.785	ug/l #	59
83) tert-Butylbenzene	13.214	119	852909	61.797	ug/l	83
84) 1,2,4-Trimethylbenzene	13.114	105	499709	32.054	ug/l	77
85) sec-Butylbenzene	13.390	105	6419306	308.781	ug/l #	69
86) p-Isopropyltoluene	13.661	119	1893224	111.414	ug/l	91
87) 1,3-Dichlorobenzene	13.508	146	19773	2.287	ug/l #	1
88) 1,4-Dichlorobenzene	13.585	146	23193	2.662	ug/l #	1
89) n-Butylbenzene	13.832	91	2693962	166.422	ug/l #	79
90) Hexachloroethane	14.102	117	1173861	337.446	ug/l #	17
91) 1,2-Dichlorobenzene	13.879	146	70879	9.295	ug/l #	71
92) 1,2-Dibromo-3-Chloropr...	14.508	75	20776	39.843	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.155	180	11895	2.517	ug/l #	1
95) Naphthalene	15.343	128	136134	14.823	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.602	180	32988	7.997	ug/l #	12

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD072668.D

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Instrument :

MSVOA_D

ClientSampleId :

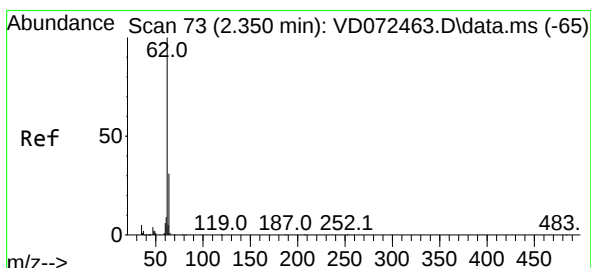
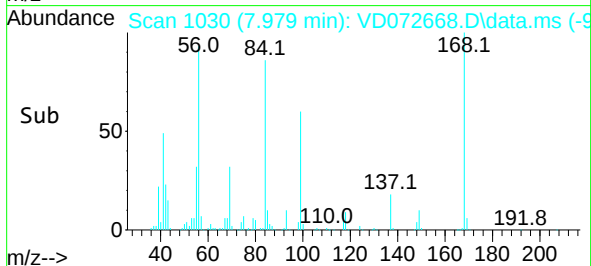
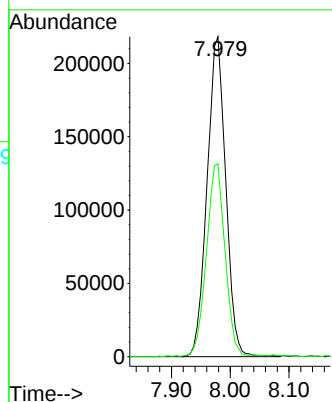
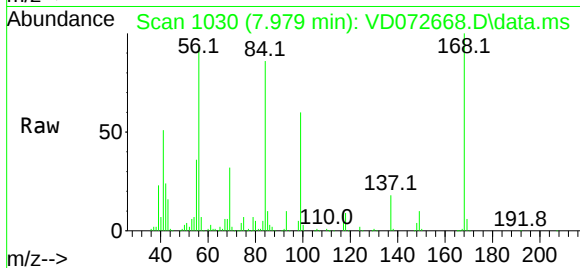
WC-16-1A-3-GR

Tgt Ion:168 Resp: 481282

Ion Ratio Lower Upper

168 100

99 60.2 49.8 74.6



#4

Vinyl Chloride

Concen: 1.125 ug/l

RT: 2.350 min Scan# 73

Delta R.T. -0.000 min

Lab File: VD072668.D

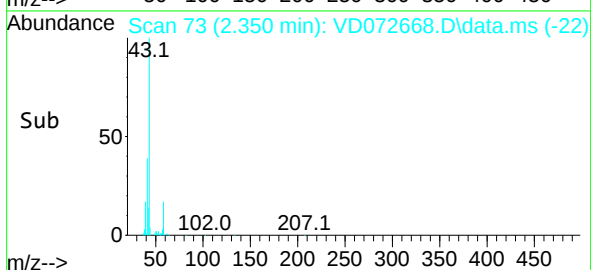
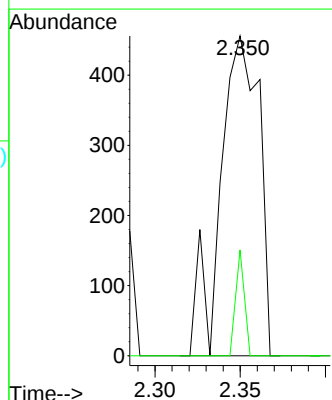
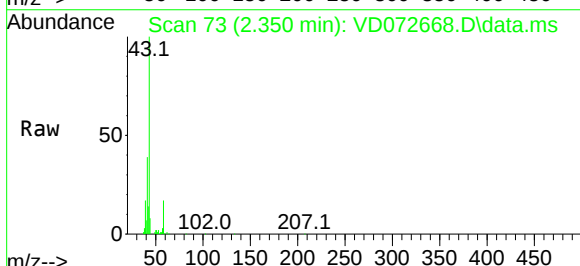
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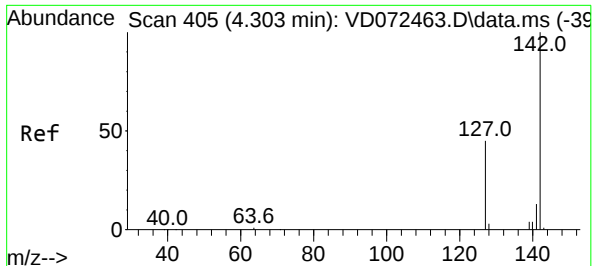
Tgt Ion: 62 Resp: 724

Ion Ratio Lower Upper

62 100

64 33.1 25.4 38.0

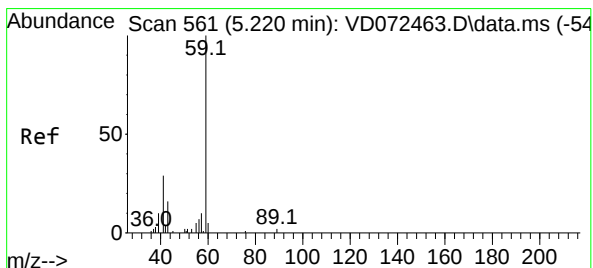
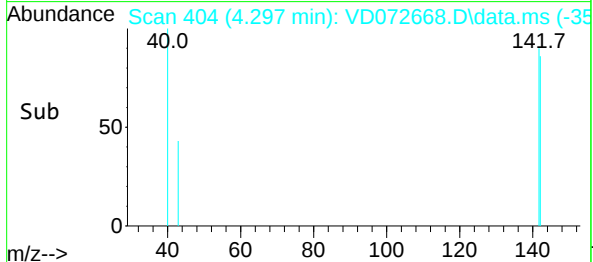
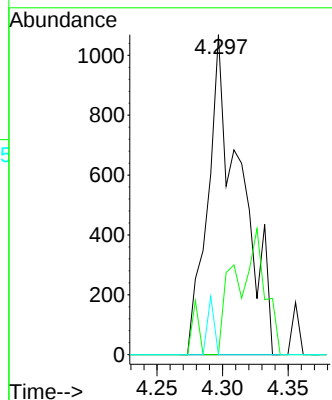
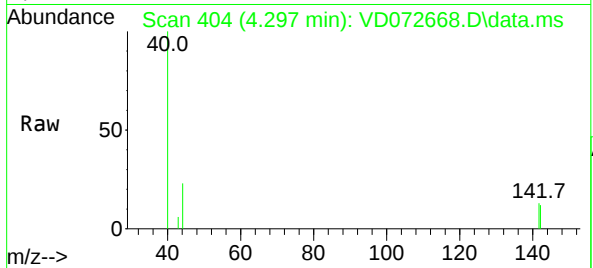




#10
Methyl Iodide
Concen: 4.065 ug/l
RT: 4.297 min Scan# 40
Delta R.T. -0.006 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

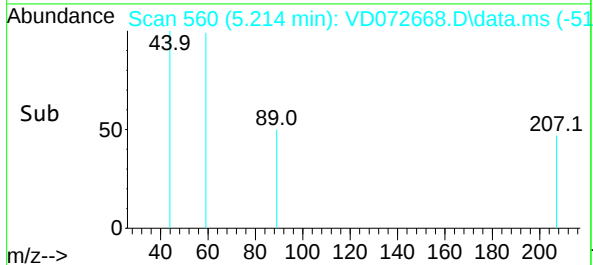
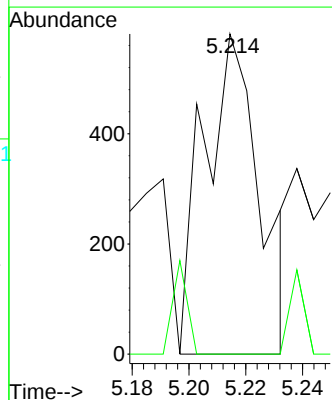
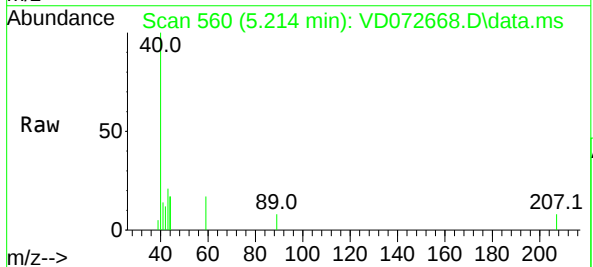
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WC-16-1A-3-GR

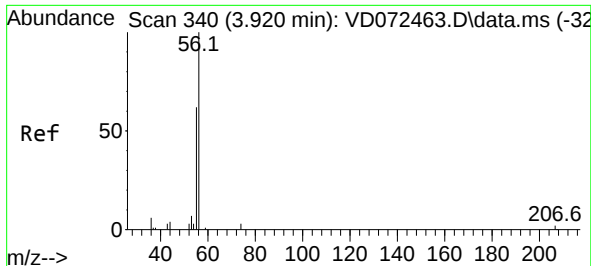
Tgt Ion:142 Resp: 1859
Ion Ratio Lower Upper
142 100
127 14.5 37.3 55.9#
141 3.7 11.7 17.5#



#11
Tert butyl alcohol
Concen: 2.612 ug/l
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

Tgt Ion: 59 Resp: 803
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

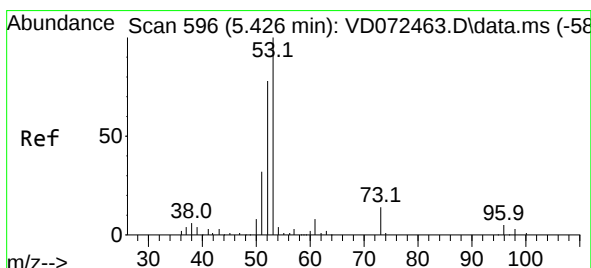
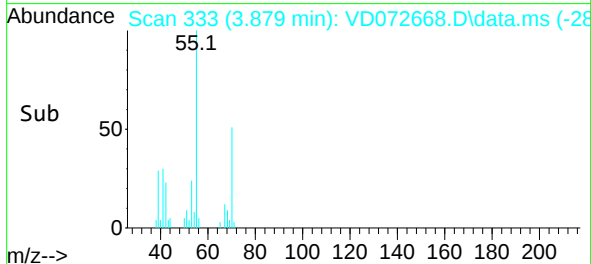
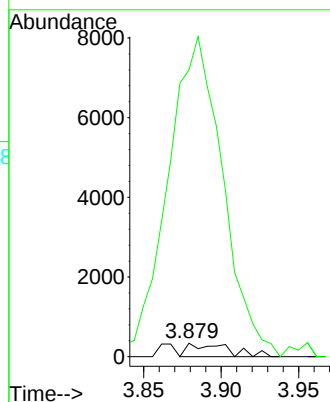
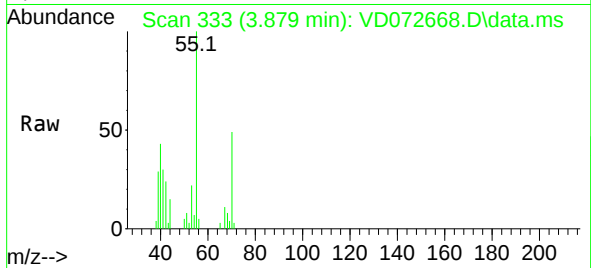




#13
Acrolein
Concen: 4.493 ug/l
RT: 3.879 min Scan# 31
Delta R.T. -0.041 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

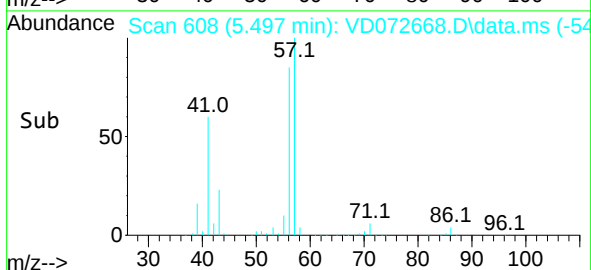
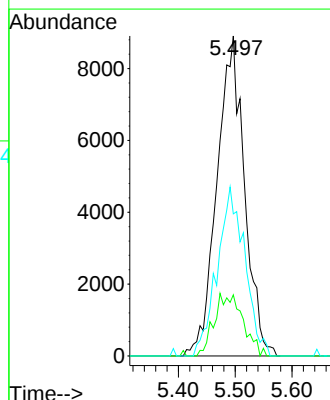
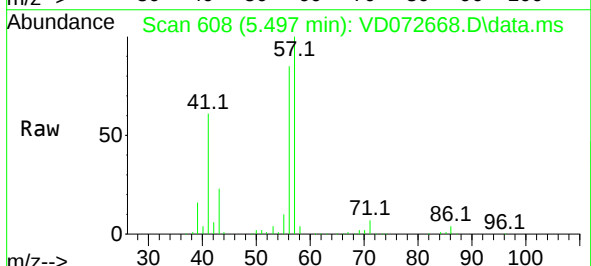
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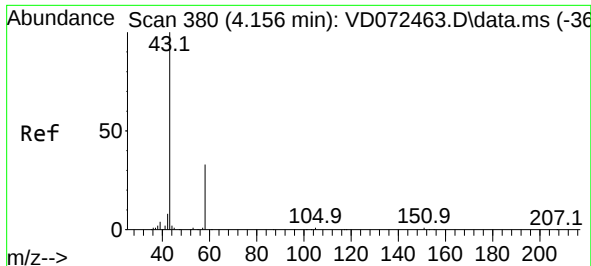
Tgt Ion: 56 Resp: 613
Ion Ratio Lower Upper
56 100
55 3253.5 57.1 85.7#



#15
Acrylonitrile
Concen: 24.277 ug/l
RT: 5.497 min Scan# 608
Delta R.T. 0.071 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

Tgt Ion: 53 Resp: 29913
Ion Ratio Lower Upper
53 100
52 0.0 67.2 100.8#
51 53.1 30.3 45.5#

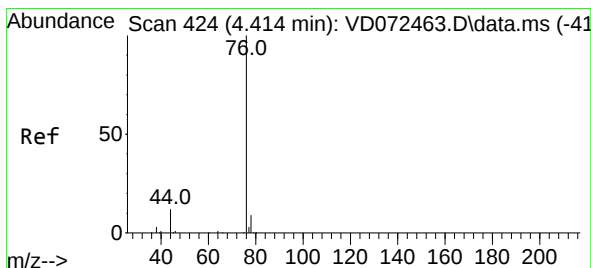
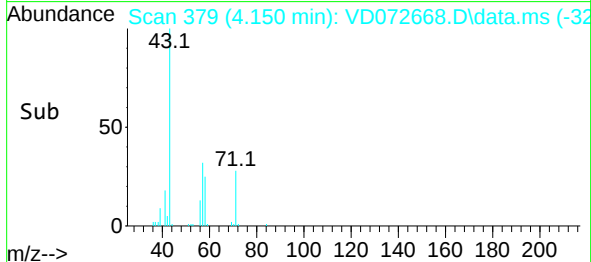
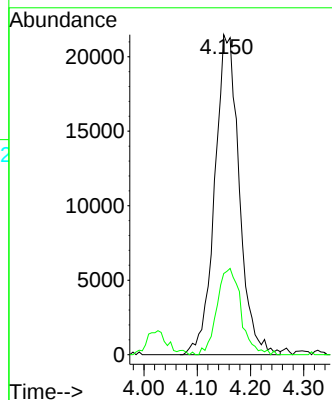
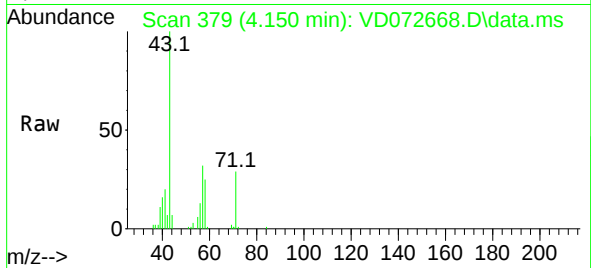




#16
Acetone
Concen: 63.272 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

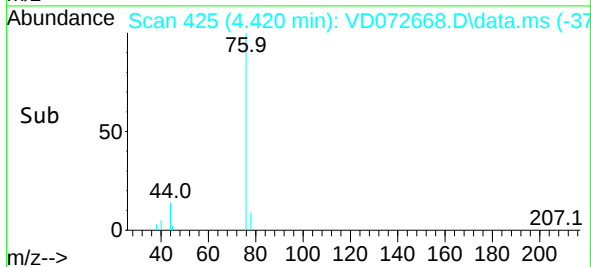
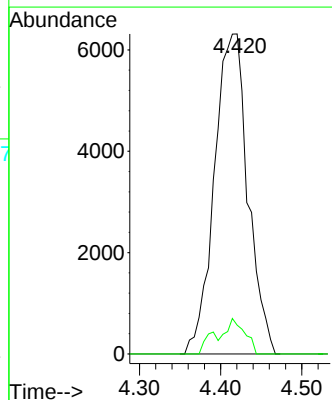
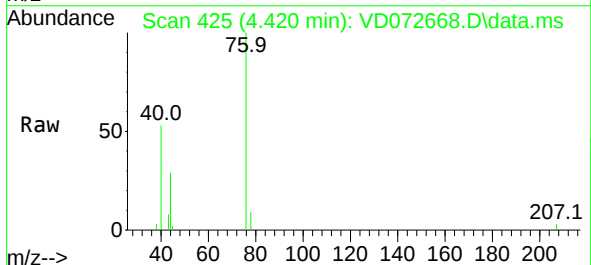
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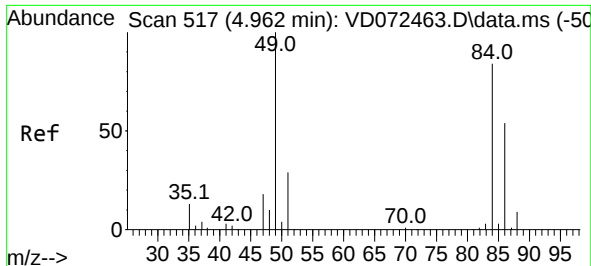
Tgt Ion: 43 Resp: 68689
Ion Ratio Lower Upper
43 100
58 25.4 22.1 33.1



#17
Carbon Disulfide
Concen: 5.422 ug/l
RT: 4.420 min Scan# 425
Delta R.T. 0.006 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

Tgt Ion: 76 Resp: 18128
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

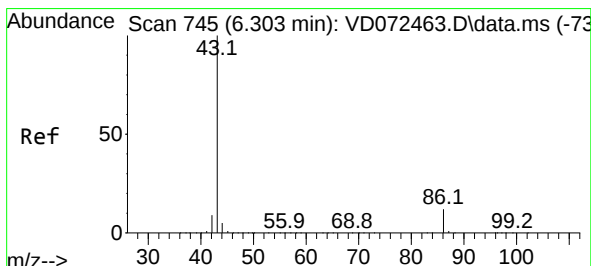
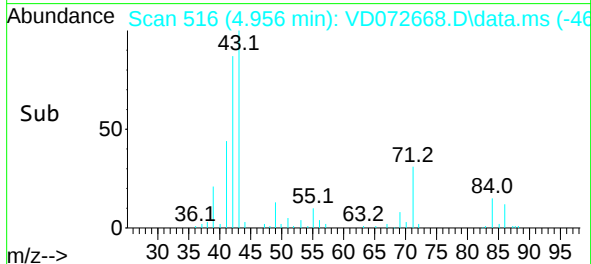
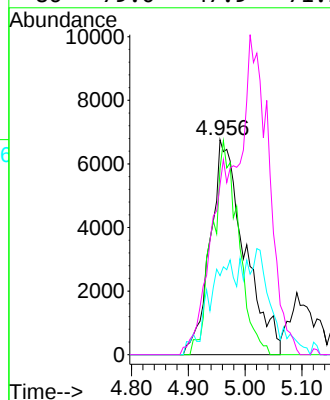
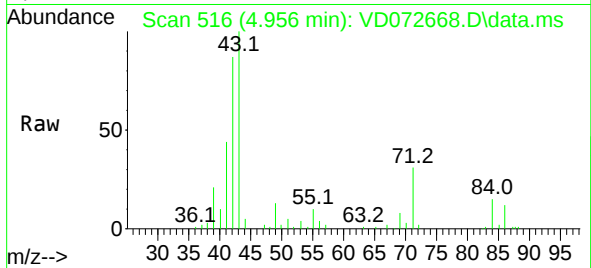




#20
Methylene Chloride
Concen: 4.376 ug/l
RT: 4.956 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

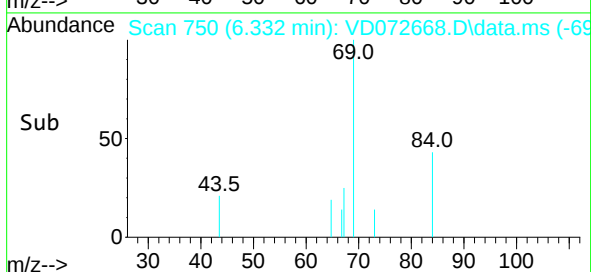
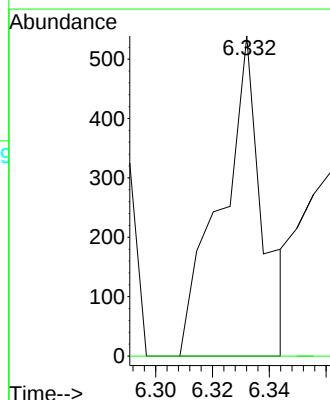
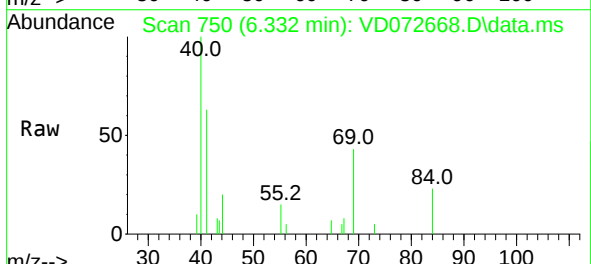
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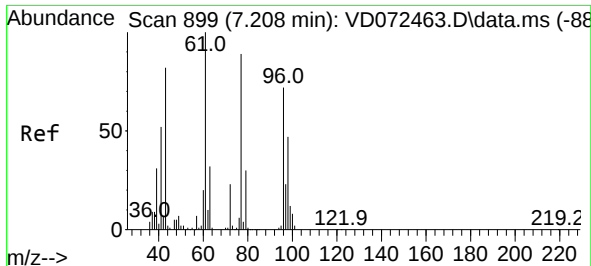
Tgt Ion: 84 Resp: 28279
Ion Ratio Lower Upper
84 100
49 86.8 112.8 169.2#
51 36.8 32.6 48.8
86 79.0 47.9 71.9#



#23
Vinyl Acetate
Concen: 6.347 ug/l
RT: 6.332 min Scan# 750
Delta R.T. 0.029 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

Tgt Ion: 43 Resp: 552
Ion Ratio Lower Upper
43 100
86 0.0 7.1 10.7#

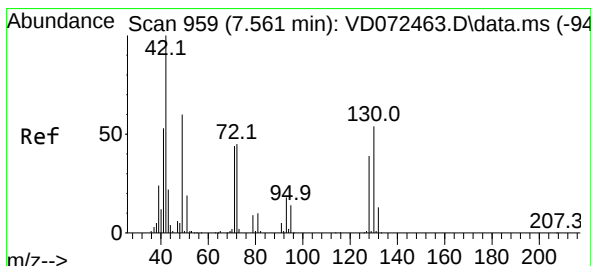
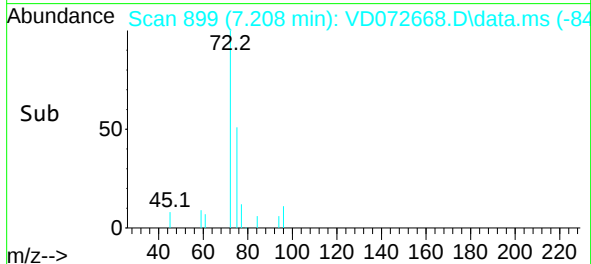
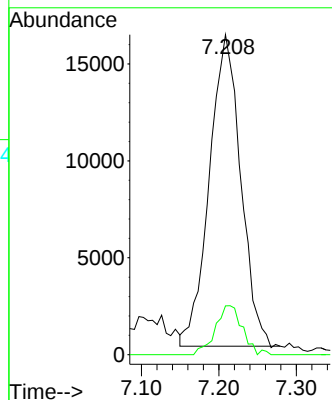
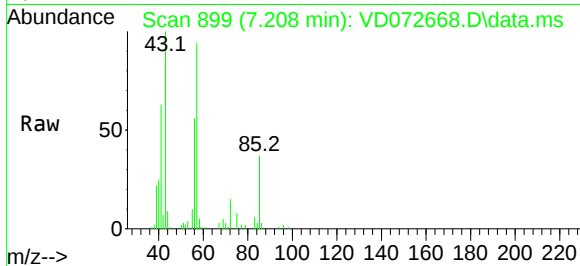




#25
2-Butanone
Concen: 30.099 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

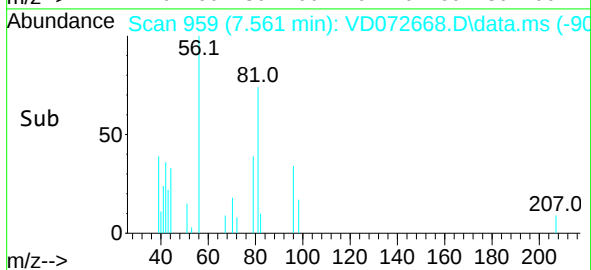
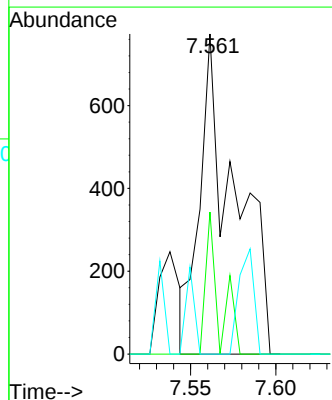
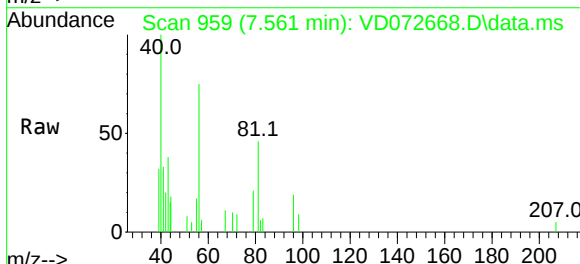
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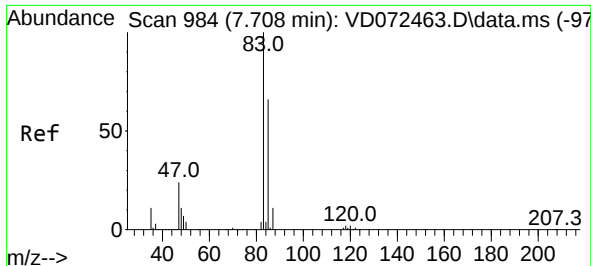
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Ion Ratio Lower Upper
43 100
72 15.6 18.6 27.8#



#29
Tetrahydrofuran
Concen: 1.219 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.000 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

Tgt Ion: 42 Resp: 1105
Ion Ratio Lower Upper
42 100
72 0.0 30.7 46.1#
71 0.0 28.6 43.0#

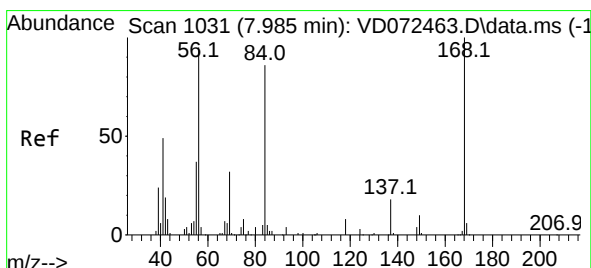
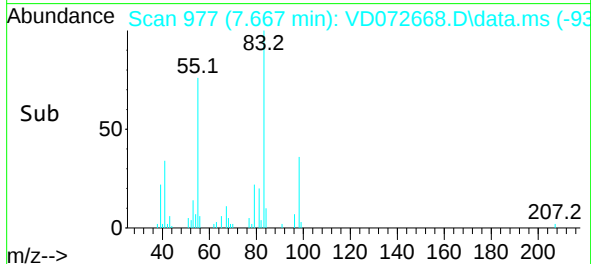
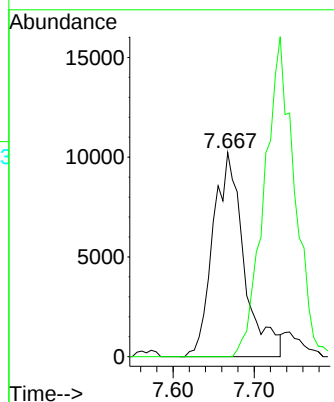
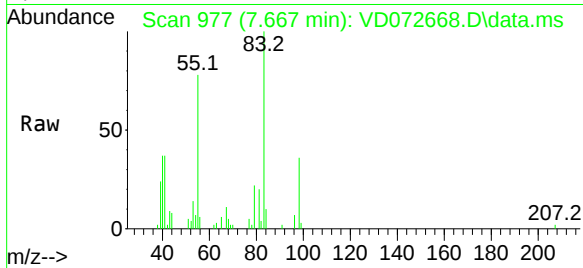




#30
Chloroform
Concen: 2.317 ug/l
RT: 7.667 min Scan# 91
Delta R.T. -0.041 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

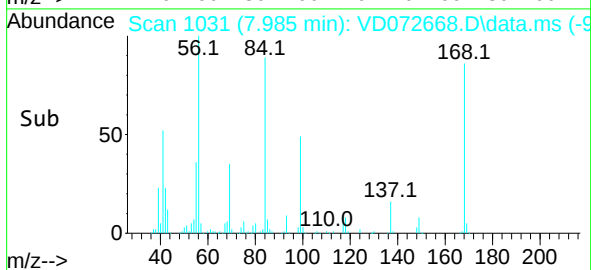
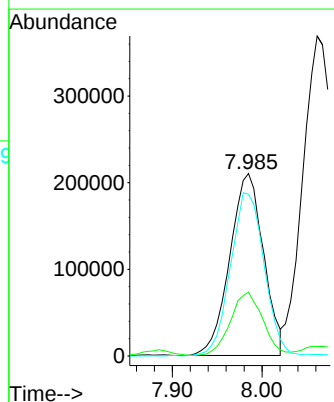
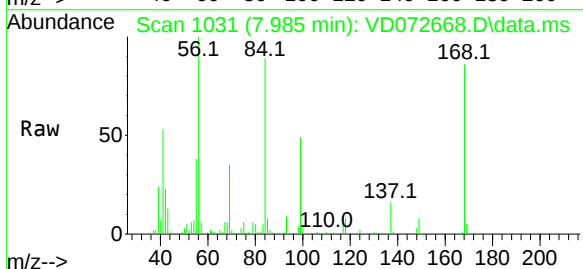
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3-GR

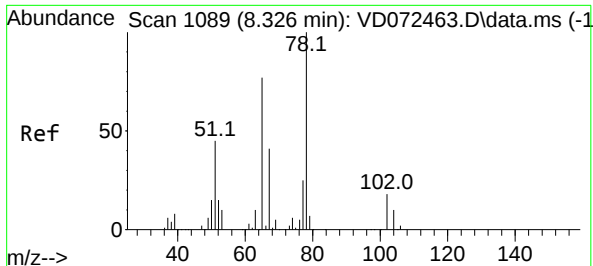
Tgt Ion: 83 Resp: 27277
Ion Ratio Lower Upper
83 100
85 0.0 52.7 79.1#



#31
Cyclohexane
Concen: 72.023 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

Tgt Ion: 56 Resp: 548295
Ion Ratio Lower Upper
56 100
69 34.1 25.4 38.2
84 88.9 63.0 94.4

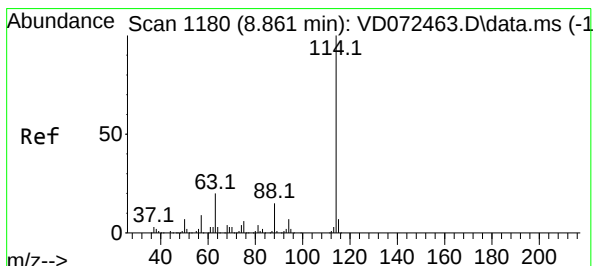
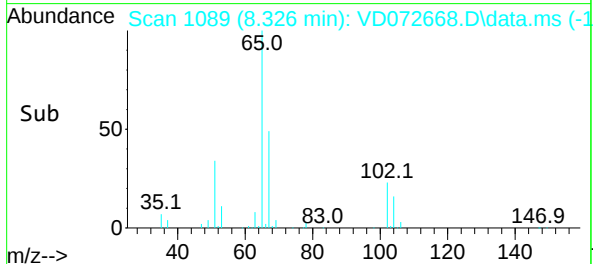
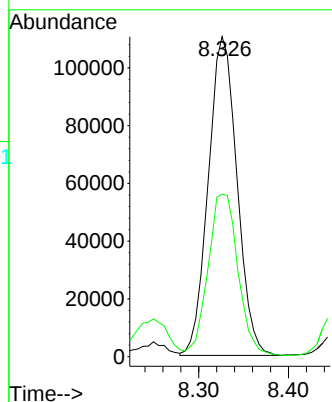
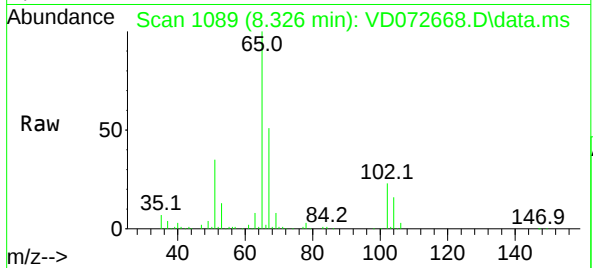




#33
 1,2-Dichloroethane-d4
 Concen: 42.208 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. 0.000 min
 Lab File: VD072668.D
 Acq: 21 Apr 2022 13:56

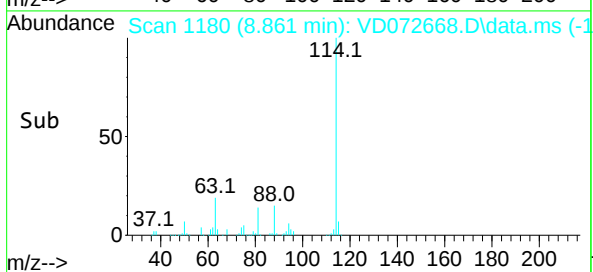
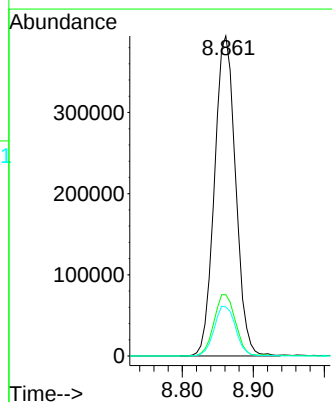
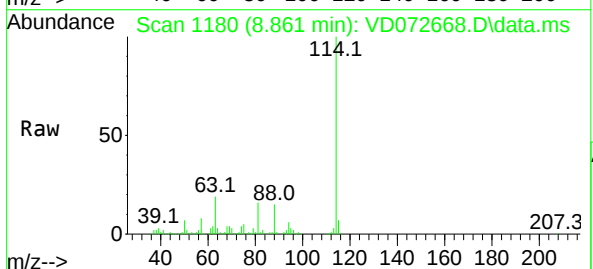
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-16-1A-3-GR

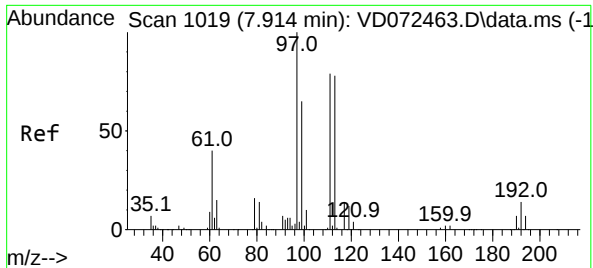
Tgt Ion: 65 Resp: 245738
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.861 min Scan# 1180
 Delta R.T. 0.000 min
 Lab File: VD072668.D
 Acq: 21 Apr 2022 13:56

Tgt Ion: 114 Resp: 812703
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 46.6
 88 15.3 0.0 33.2

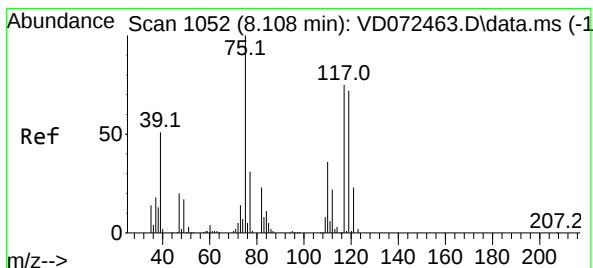
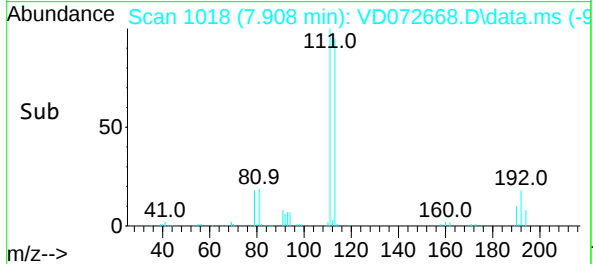
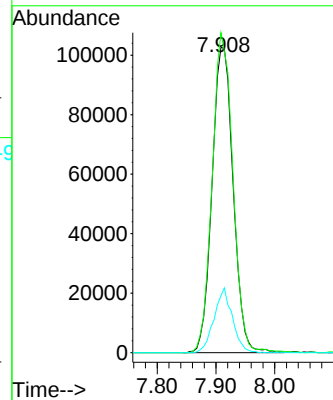
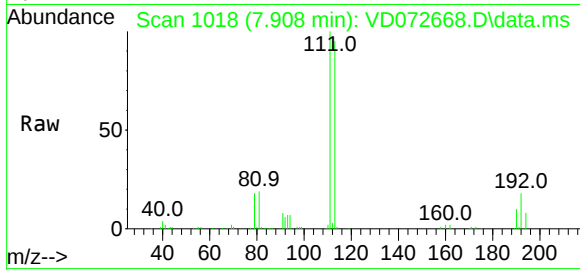




#35
Dibromofluoromethane
Concen: 40.585 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

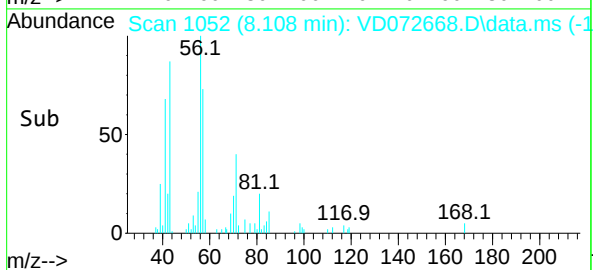
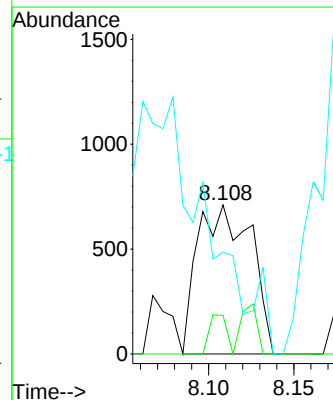
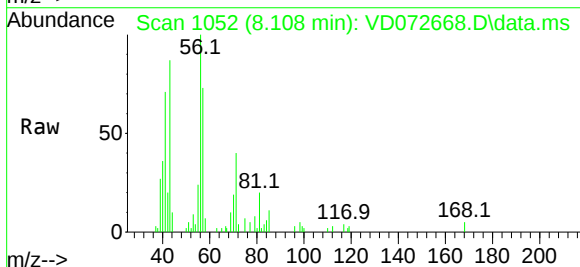
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3-GR

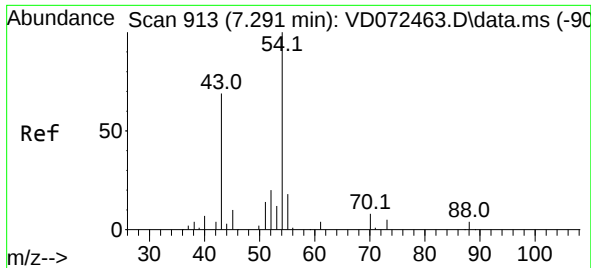
Tgt Ion:113 Resp: 256329
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.6
192 18.4 14.6 21.8



#36
1,1-Dichloropropene
Concen: 1.312 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

Tgt Ion: 75 Resp: 1549
Ion Ratio Lower Upper
75 100
110 0.0 16.4 49.1#
77 0.0 24.2 36.2#

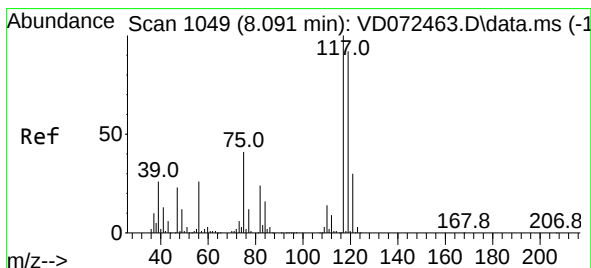
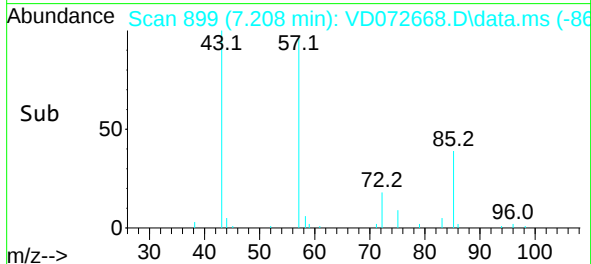
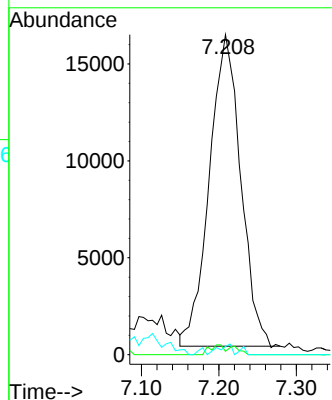
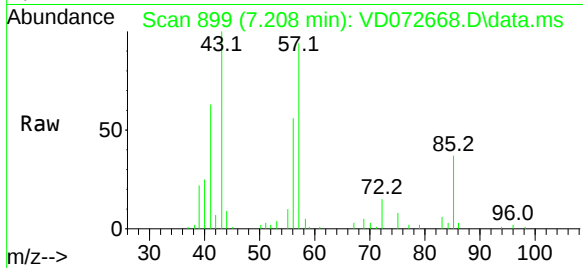




#37
Ethyl Acetate
Concen: 13.504 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.082 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

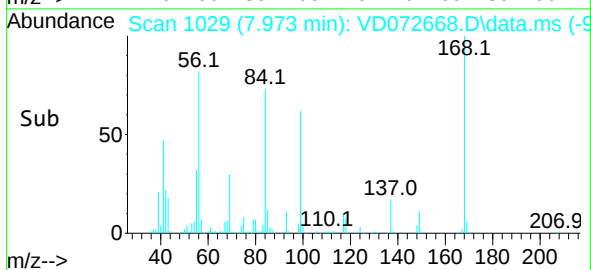
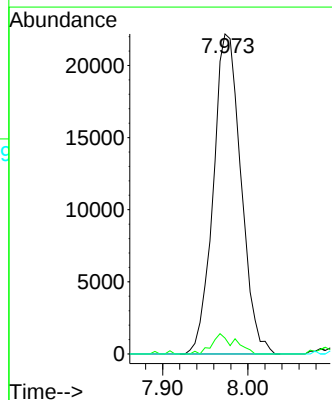
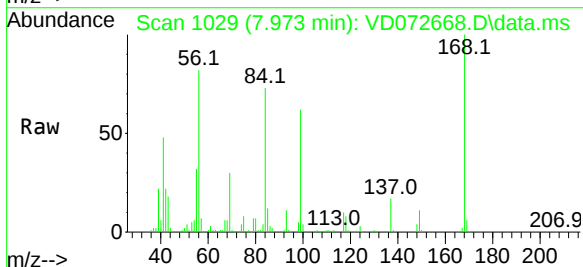
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3-GR

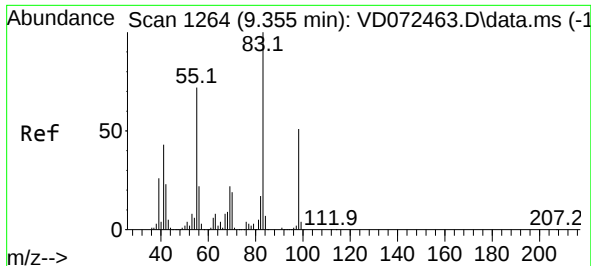
Tgt Ion: 43 Resp: 45192
Ion Ratio Lower Upper
43 100
61 1.4 9.8 14.8#
70 1.5 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 5.756 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

Tgt Ion: 117 Resp: 50083
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 24.5 36.7#





#39

Methylcyclohexane

Concen: 687.479 ug/l

RT: 9.355 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD072668.D

Acq: 21 Apr 2022 13:56

Instrument :

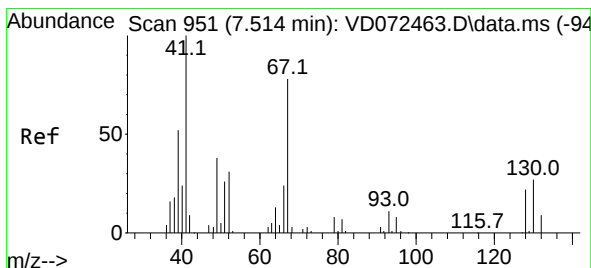
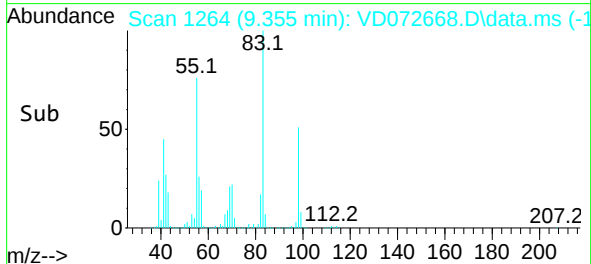
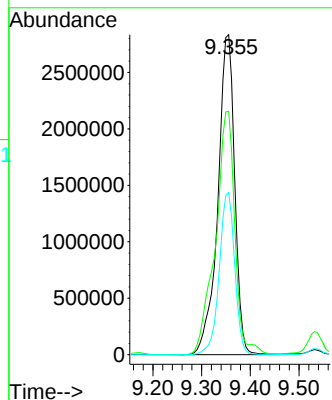
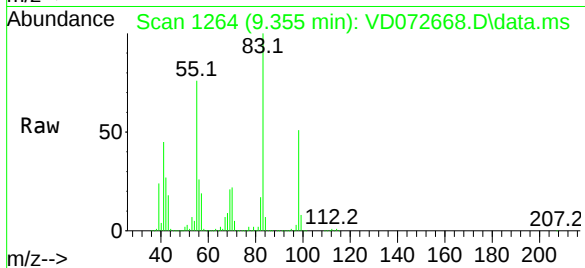
MSVOA_D

ClientSampleId :

WC-16-1A-3-GR

Tgt Ion: 83 Resp: 6827844

Ion	Ratio	Lower	Upper
83	100		
55	76.0	63.2	94.8
98	50.6	38.2	57.4



#41

Methacrylonitrile

Concen: 2.577 ug/l

RT: 7.550 min Scan# 957

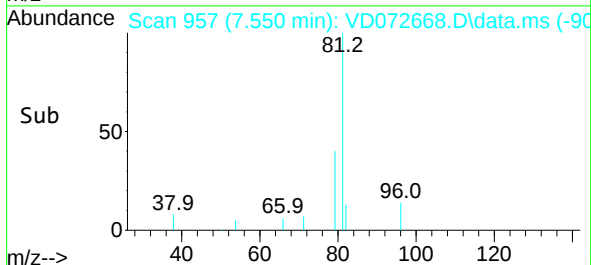
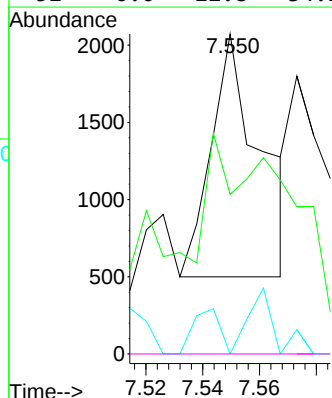
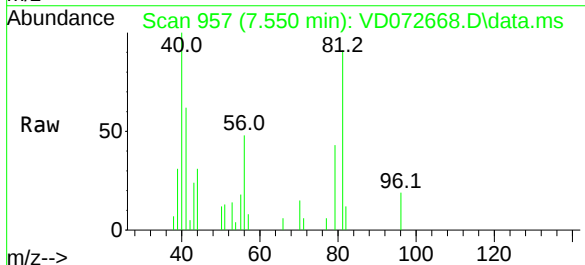
Delta R.T. 0.036 min

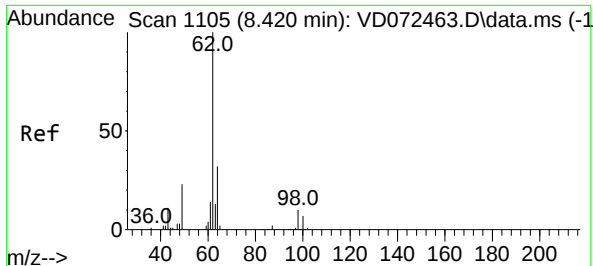
Lab File: VD072668.D

Acq: 21 Apr 2022 13:56

Tgt Ion: 41 Resp: 1859

Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.6	67.0#
67	10.3	48.2	72.4#
52	0.0	22.8	34.2#





#42

1,2-Dichloroethane

Concen: 1.042 ug/l

RT: 8.467 min Scan# 1113

Delta R.T. 0.047 min

Lab File: VD072668.D

Acq: 21 Apr 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

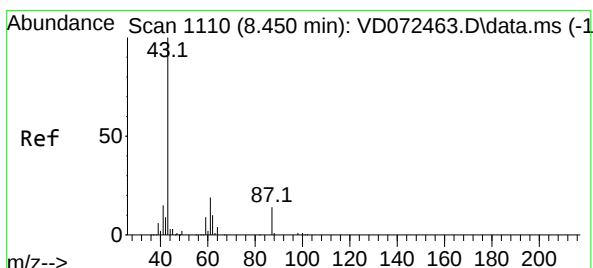
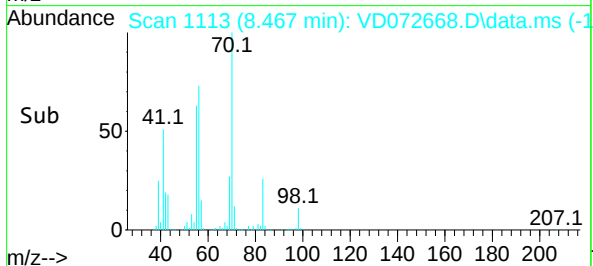
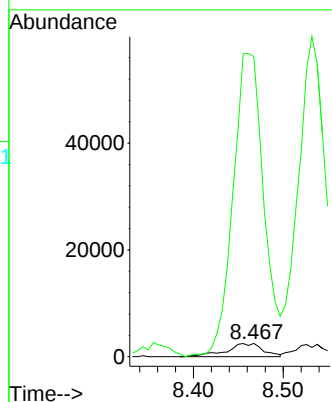
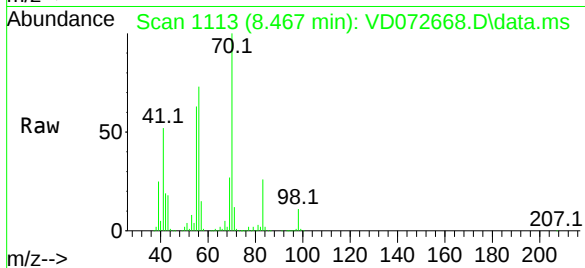
WC-16-1A-3-GR

Tgt Ion: 62 Resp: 7022

Ion Ratio Lower Upper

62 100

98 1918.2 0.0 17.6#



#43

Isopropyl Acetate

Concen: 70.373 ug/l

RT: 8.450 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VD072668.D

Acq: 21 Apr 2022 13:56

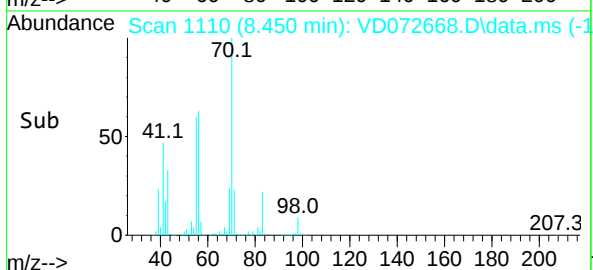
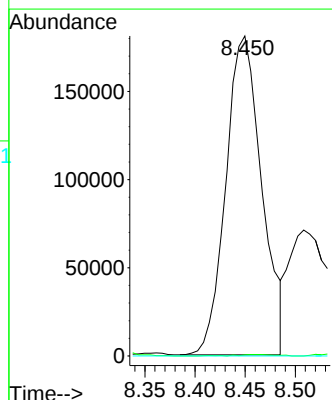
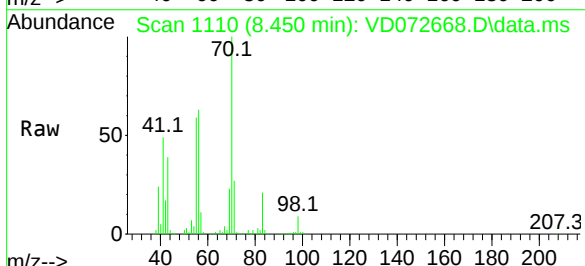
Tgt Ion: 43 Resp: 451748

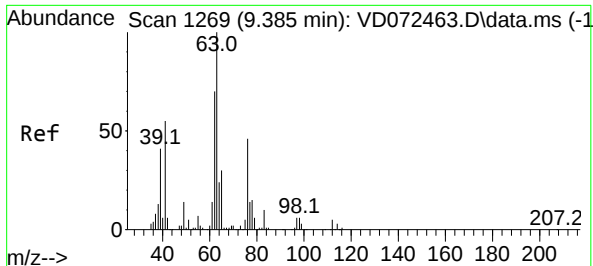
Ion Ratio Lower Upper

43 100

61 0.4 22.4 33.6#

87 0.0 8.7 13.1#





#45

1,2-Dichloropropane

Concen: 11.575 ug/l

RT: 9.355 min Scan# 11

Delta R.T. -0.029 min

Lab File: VD072668.D

Acq: 21 Apr 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

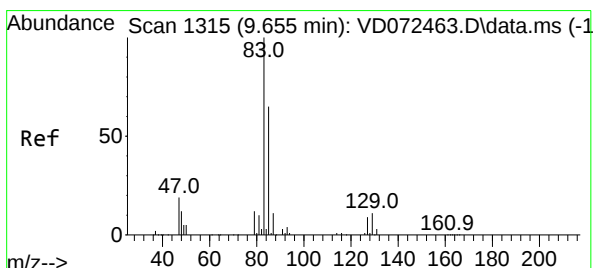
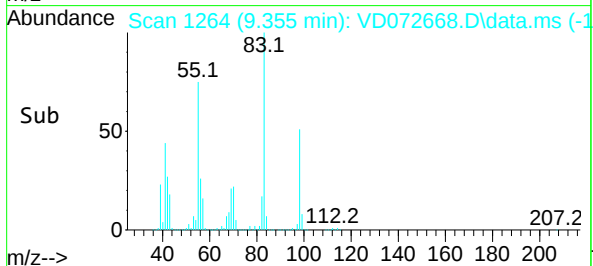
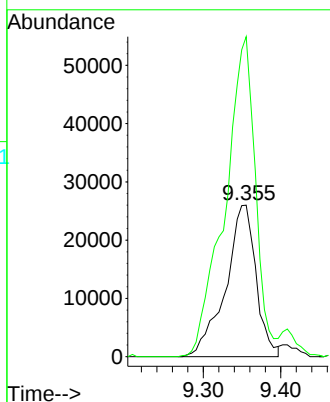
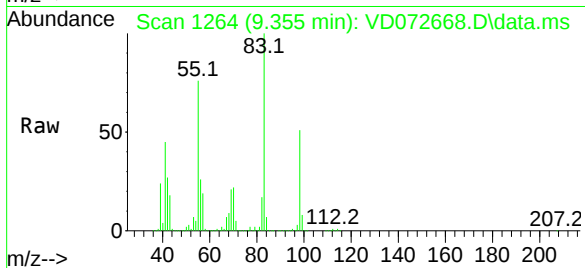
WC-16-1A-3-GR

Tgt Ion: 63 Resp: 71024

Ion Ratio Lower Upper

63 100

65 211.1 26.2 39.4#



#47

Bromodichloromethane

Concen: 18.017 ug/l

RT: 9.632 min Scan# 1311

Delta R.T. -0.024 min

Lab File: VD072668.D

Acq: 21 Apr 2022 13:56

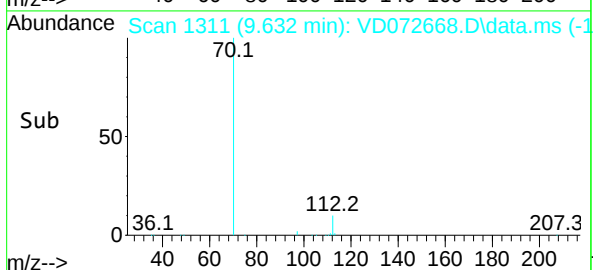
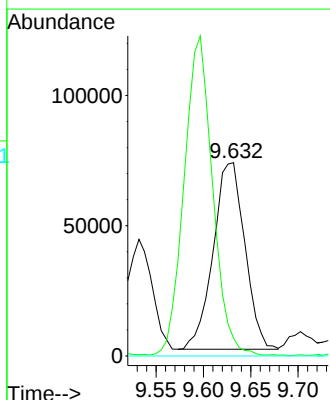
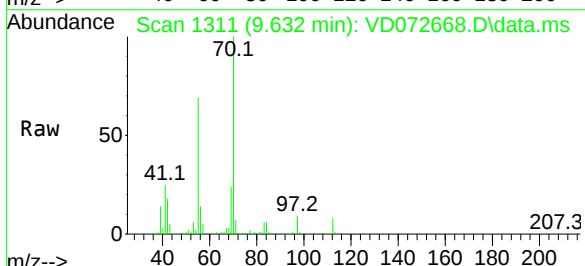
Tgt Ion: 83 Resp: 166629

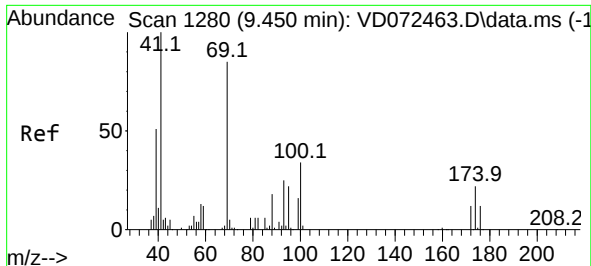
Ion Ratio Lower Upper

83 100

85 9.1 51.4 77.0#

127 0.0 6.1 9.1#





#48

Methyl methacrylate

Concen: 135.378 ug/l

RT: 9.402 min Scan# 1

Delta R.T. -0.047 min

Lab File: VD072668.D

Acq: 21 Apr 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

WC-16-1A-3-GR

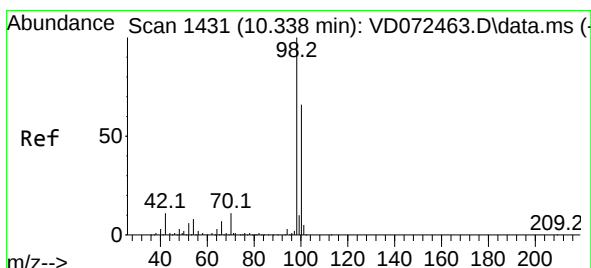
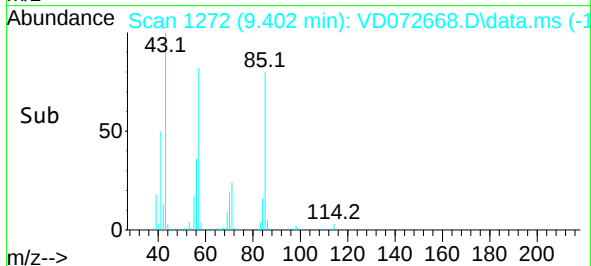
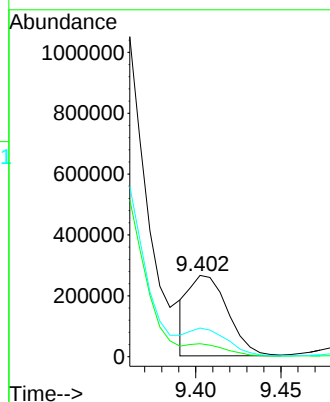
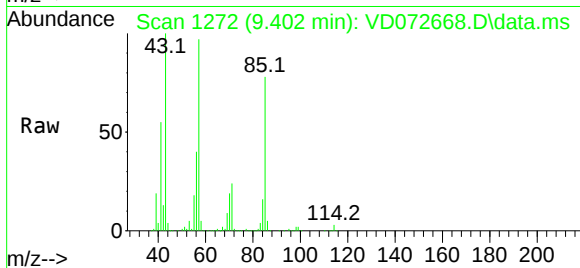
Tgt Ion: 41 Resp: 421915

Ion Ratio Lower Upper

41 100

69 0.0 56.7 85.1#

39 35.6 42.7 64.1#



#50

Toluene-d8

Concen: 109.869 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD072668.D

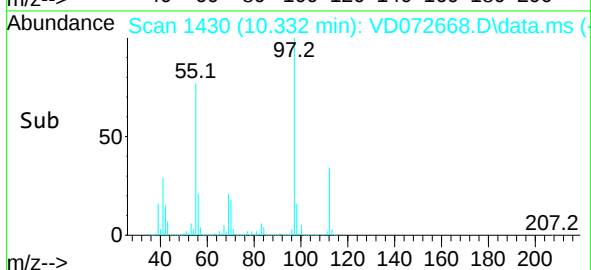
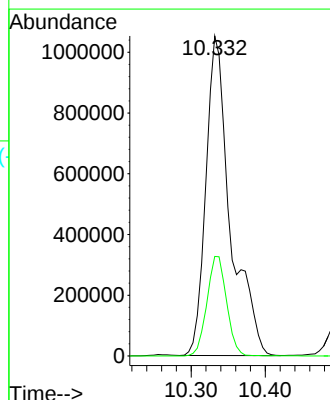
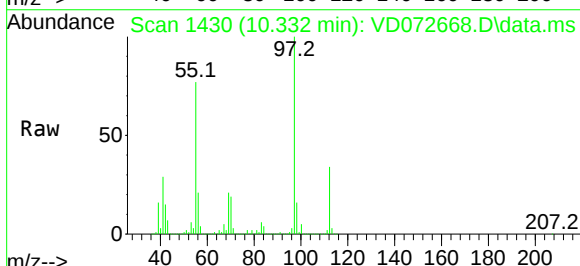
Acq: 21 Apr 2022 13:56

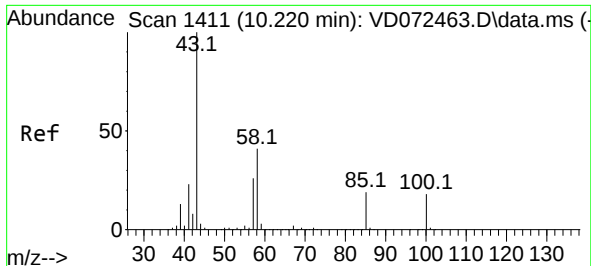
Tgt Ion: 98 Resp: 2412091

Ion Ratio Lower Upper

98 100

100 25.0 52.4 78.6#





#51

4-Methyl-2-Pentanone

Concen: 59.525 ug/l

RT: 10.267 min Scan# 1419

Delta R.T. 0.047 min

Lab File: VD072668.D

Acq: 21 Apr 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

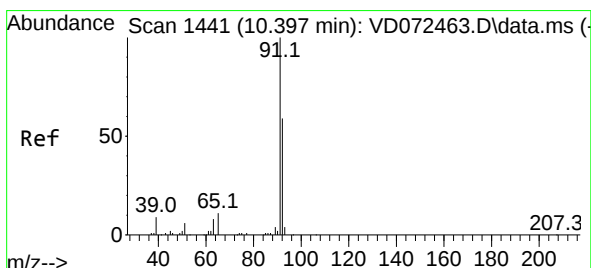
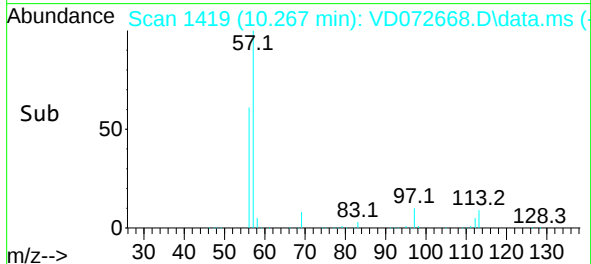
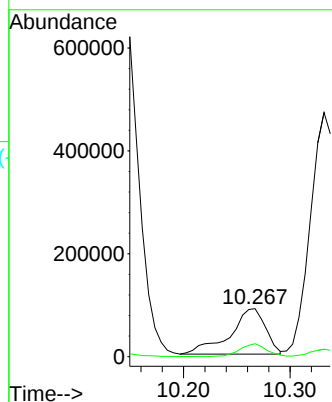
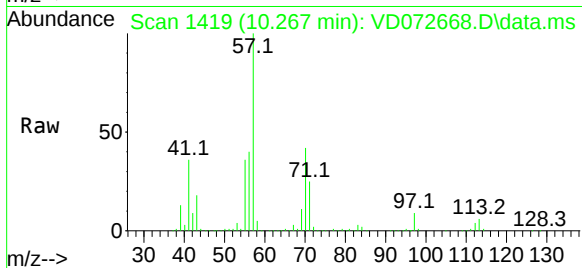
WC-16-1A-3-GR

Tgt Ion: 43 Resp: 205033

Ion Ratio Lower Upper

43 100

58 21.5 28.6 43.0#



#52

Toluene

Concen: 1.755 ug/l

RT: 10.397 min Scan# 1441

Delta R.T. 0.000 min

Lab File: VD072668.D

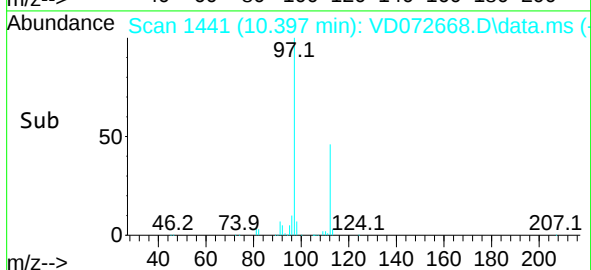
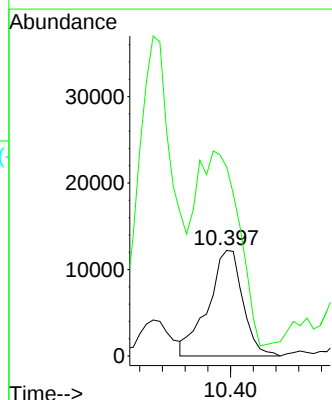
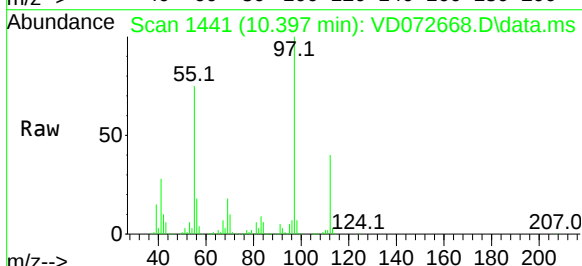
Acq: 21 Apr 2022 13:56

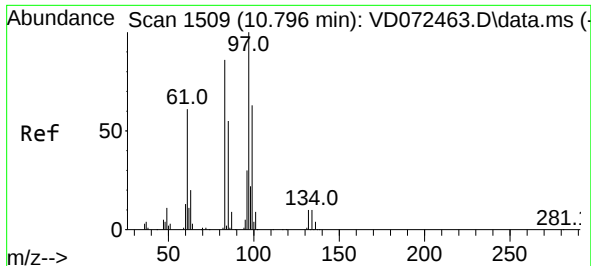
Tgt Ion: 92 Resp: 25717

Ion Ratio Lower Upper

92 100

91 224.9 139.6 209.4#

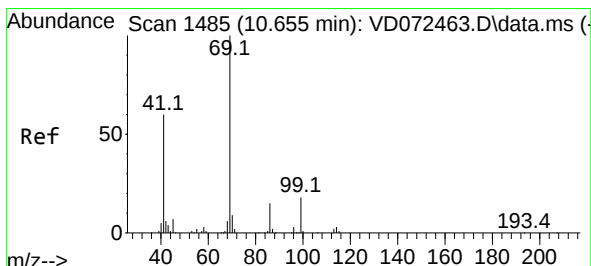
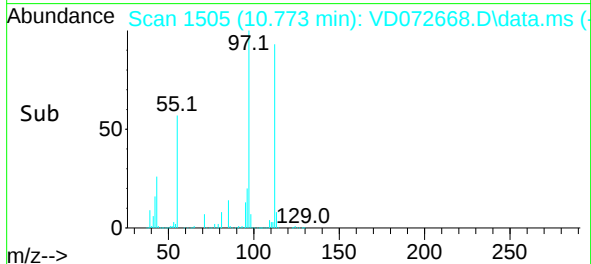
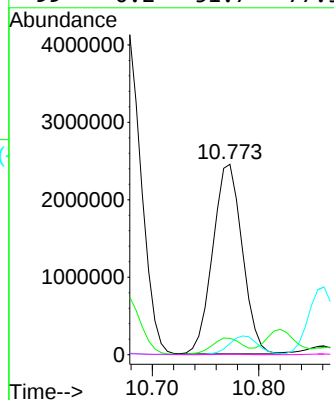
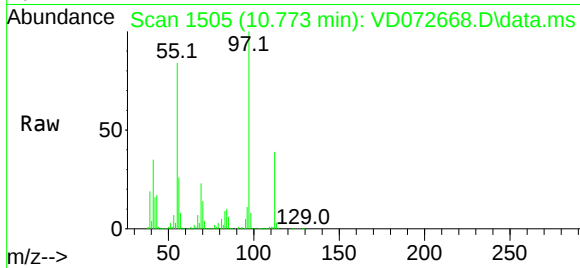




#55
1,1,2-Trichloroethane
Concen: 965.231 ug/l
RT: 10.773 min Scan# 1505
Delta R.T. -0.024 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

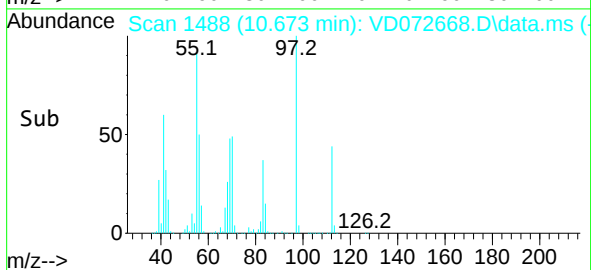
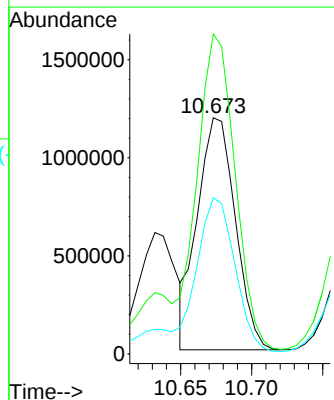
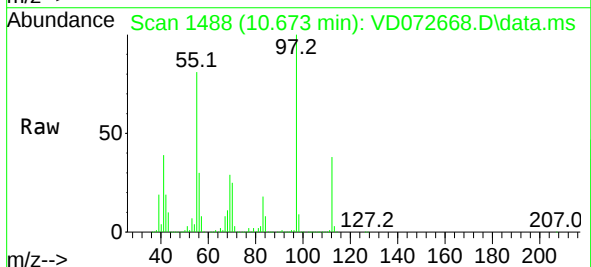
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3-GR

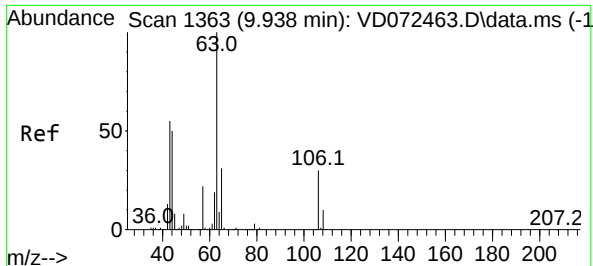
Tgt Ion: 97 Resp: 4710699
Ion Ratio Lower Upper
97 100
83 8.4 69.0 103.4#
85 5.9 42.6 63.8#
99 0.2 51.7 77.5#



#56
Ethyl methacrylate
Concen: 358.668 ug/l
RT: 10.673 min Scan# 1488
Delta R.T. 0.018 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

Tgt Ion: 69 Resp: 2197479
Ion Ratio Lower Upper
69 100
41 137.1 63.0 94.6#
39 80.4 33.8 50.8#

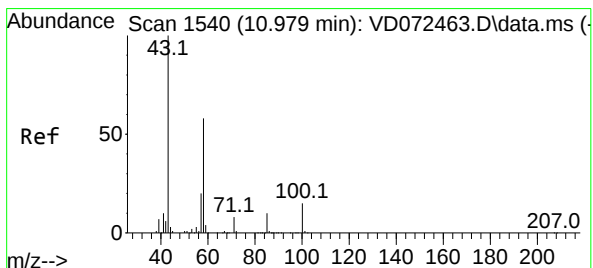
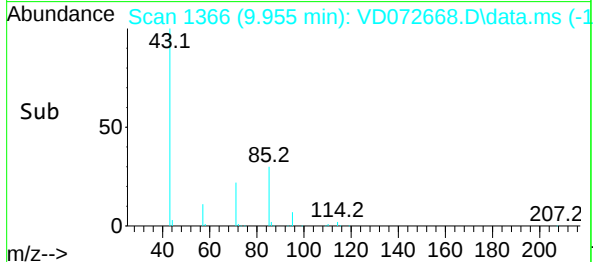
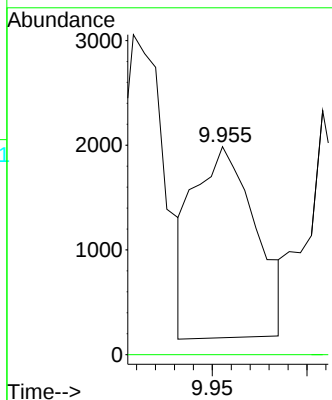
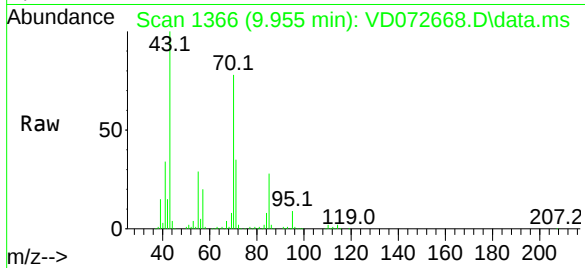




#58
2-Chloroethyl Vinyl ether
Concen: 1.729 ug/l
RT: 9.955 min Scan# 11
Delta R.T. 0.018 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

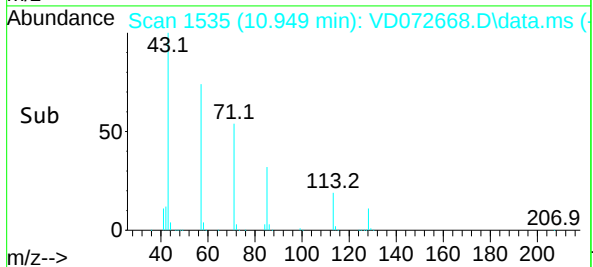
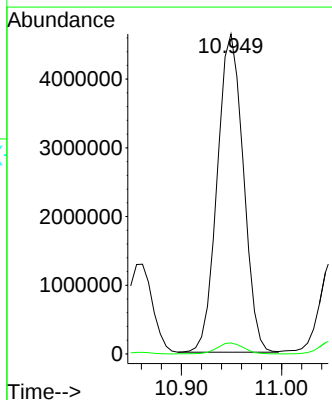
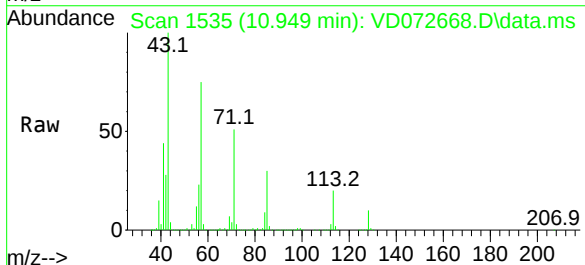
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3-GR

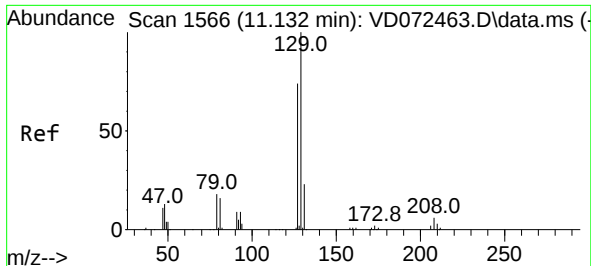
Tgt Ion: 63 Resp: 4165
Ion Ratio Lower Upper
63 100
106 0.0 21.4 32.0#



#59
2-Hexanone
Concen: 3572.410 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.029 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

Tgt Ion: 43 Resp: 8367727
Ion Ratio Lower Upper
43 100
58 3.5 25.3 75.9#

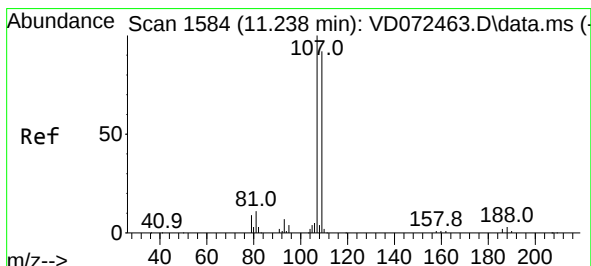
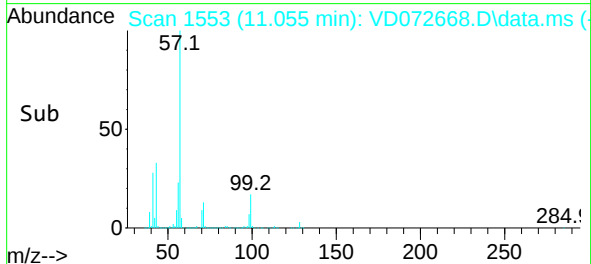
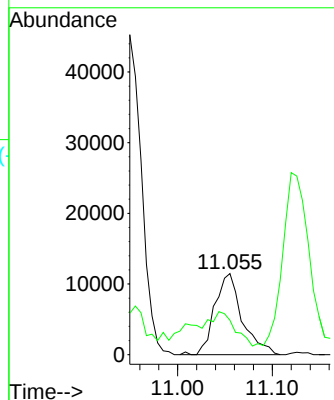
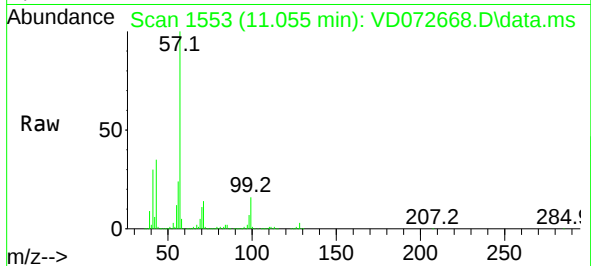




#60
Dibromochloromethane
Concen: 3.674 ug/l
RT: 11.055 min Scan# 11
Delta R.T. -0.076 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

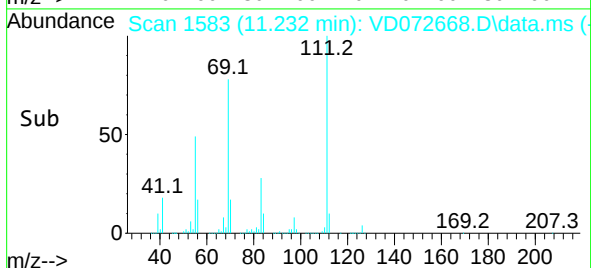
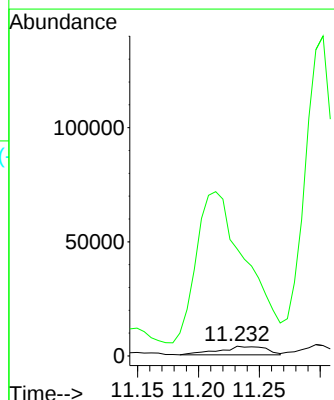
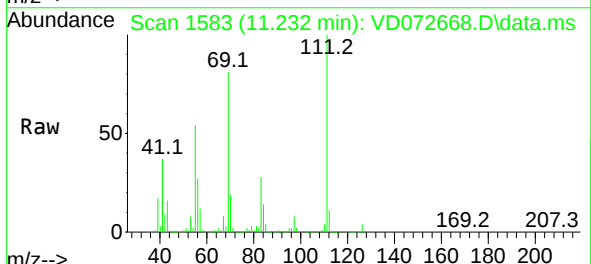
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3-GR

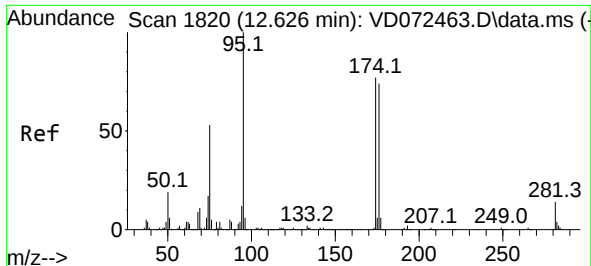
Tgt Ion:129 Resp: 23130
Ion Ratio Lower Upper
129 100
127 38.2 39.2 117.6#



#61
1,2-Dibromoethane
Concen: 2.292 ug/l
RT: 11.232 min Scan# 1583
Delta R.T. -0.006 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

Tgt Ion:107 Resp: 9931
Ion Ratio Lower Upper
107 100
109 1902.6 74.2 111.4#

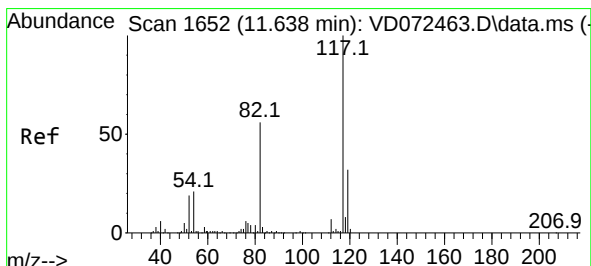
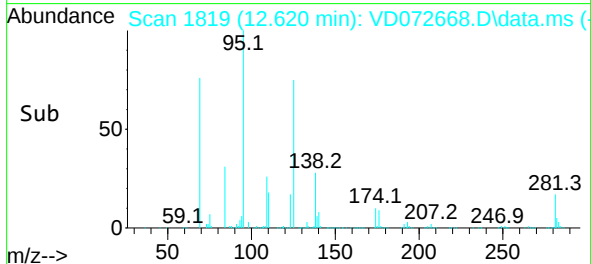
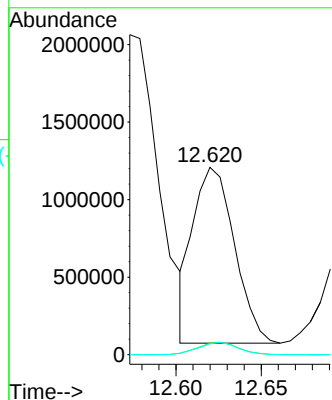
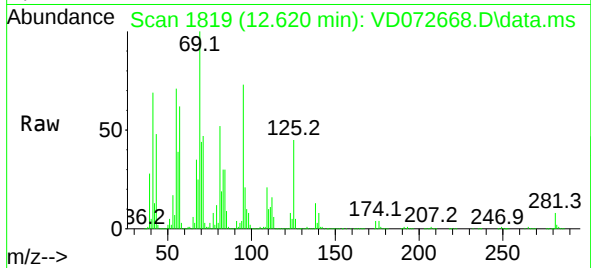




#62
4-Bromofluorobenzene
Concen: 223.607 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

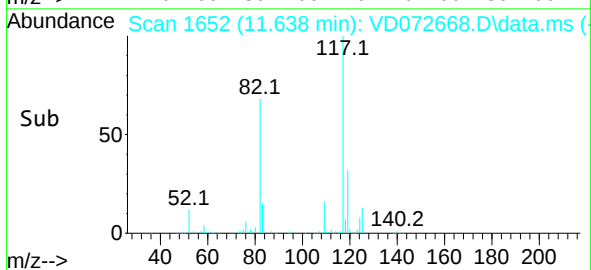
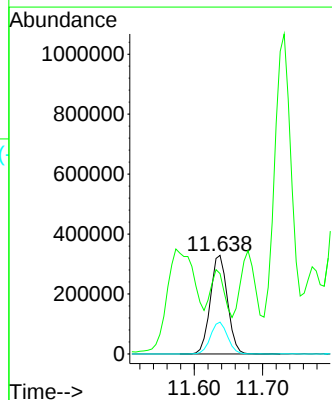
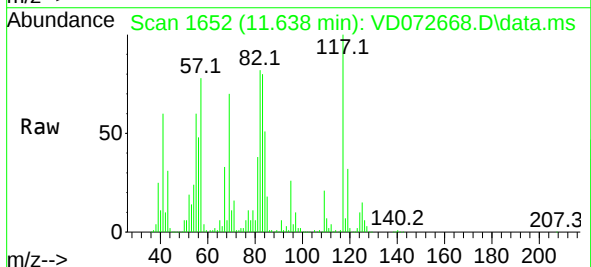
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3-GR

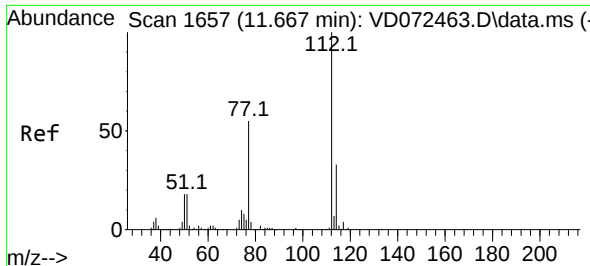
Tgt Ion: 95 Resp: 1917235
Ion Ratio Lower Upper
95 100
174 6.9 0.0 152.8
176 6.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

Tgt Ion: 117 Resp: 575507
Ion Ratio Lower Upper
117 100
82 0.0 45.3 67.9#
119 32.4 26.6 40.0

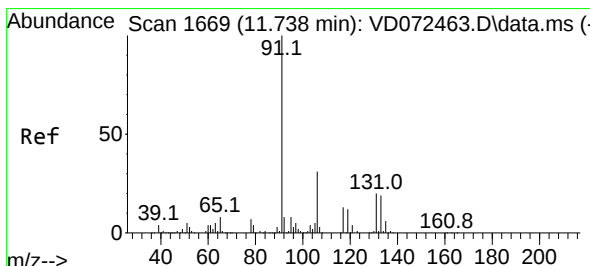
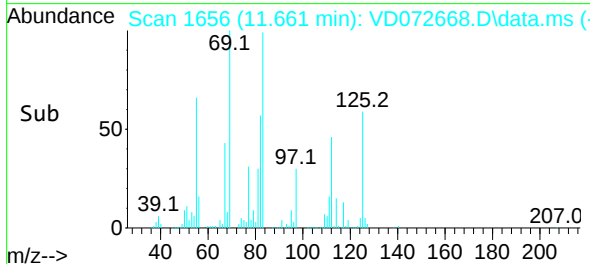
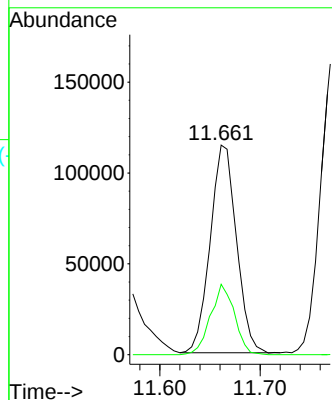
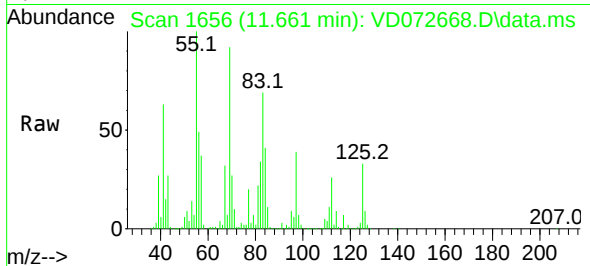




#65
Chlorobenzene
Concen: 16.156 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

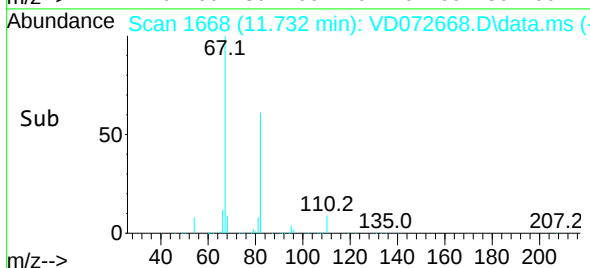
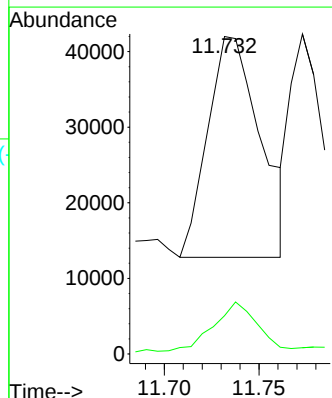
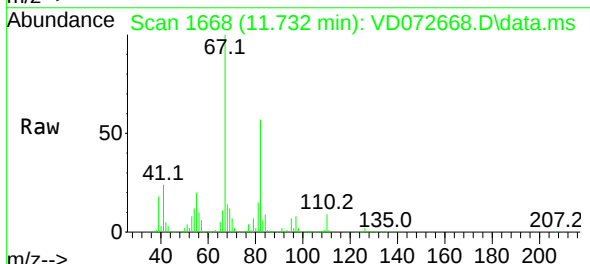
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3-GR

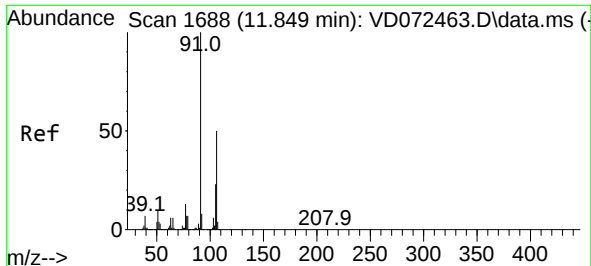
Tgt Ion:112 Resp: 207880
Ion Ratio Lower Upper
112 100
114 33.9 25.8 38.6



#67
Ethyl Benzene
Concen: 2.519 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

Tgt Ion: 91 Resp: 56564
Ion Ratio Lower Upper
91 100
106 14.5 24.2 36.4#

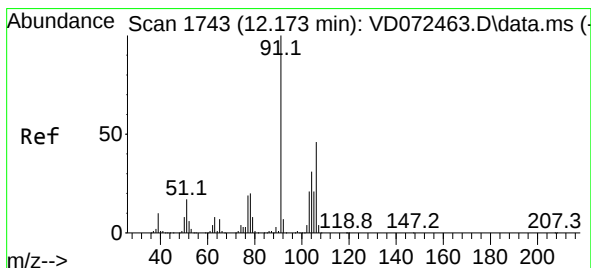
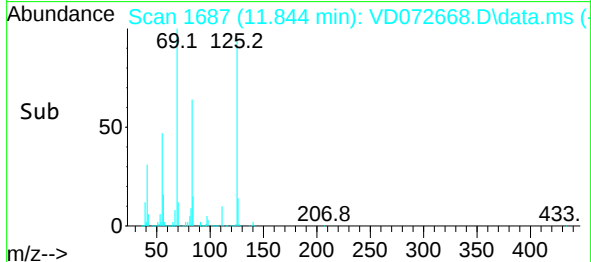
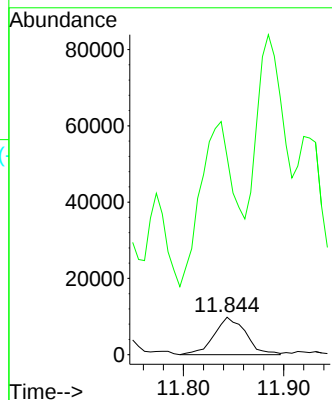
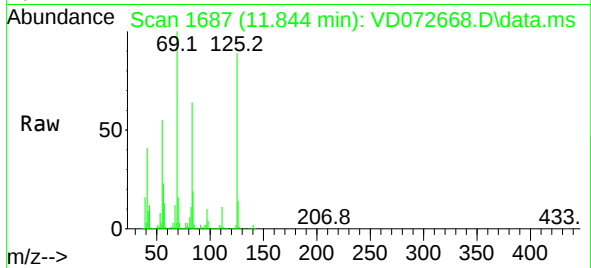




#68
m/p-Xylenes
Concen: 2.528 ug/l
RT: 11.844 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

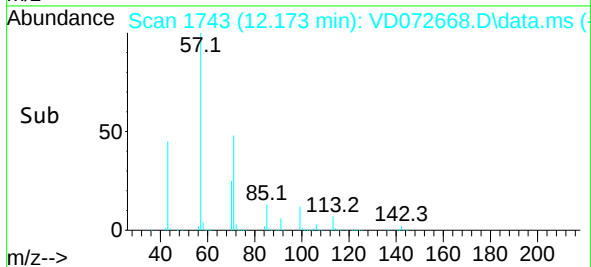
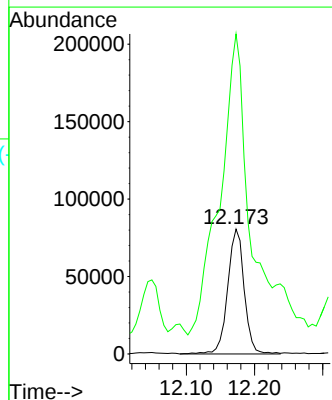
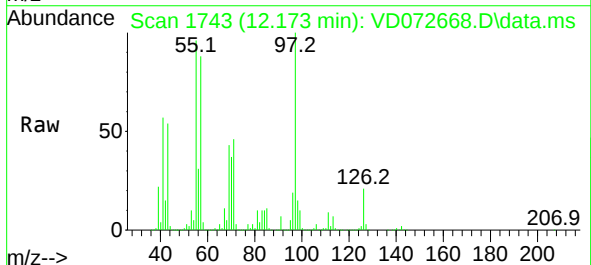
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3-GR

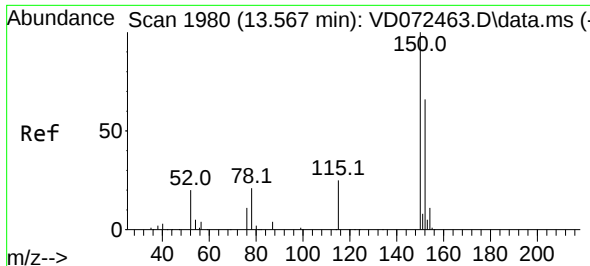
Tgt Ion:106 Resp: 21536
Ion Ratio Lower Upper
106 100
91 471.1 163.7 245.5#



#69
o-Xylene
Concen: 16.564 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

Tgt Ion:106 Resp: 136127
Ion Ratio Lower Upper
106 100
91 413.6 110.4 331.2#

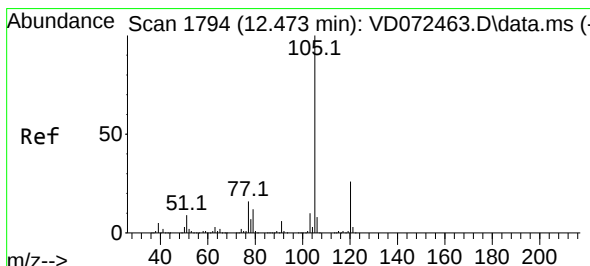
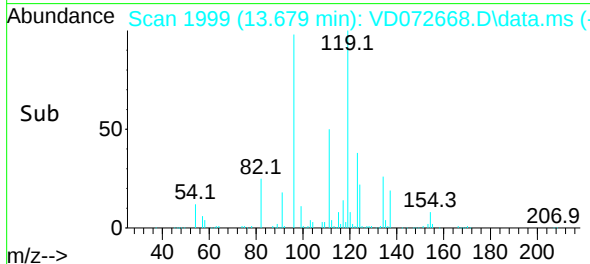
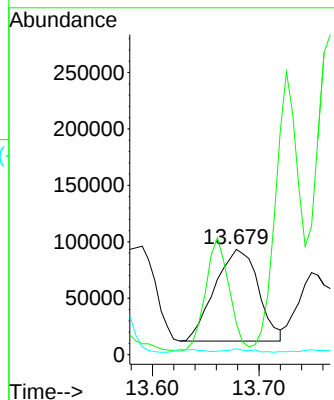
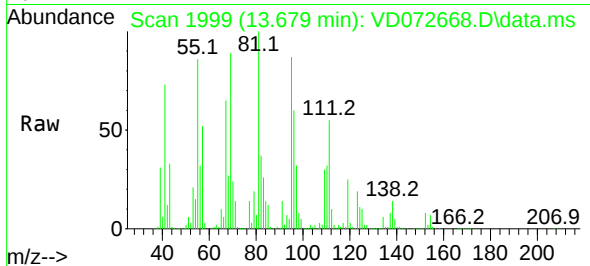




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.679 min Scan# 1980
Delta R.T. 0.112 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

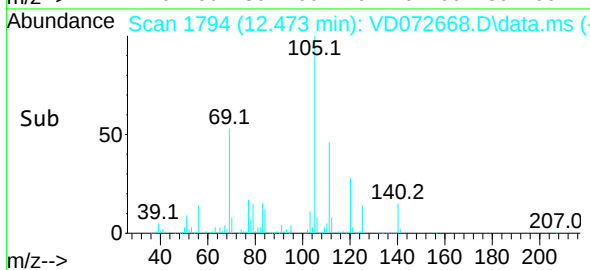
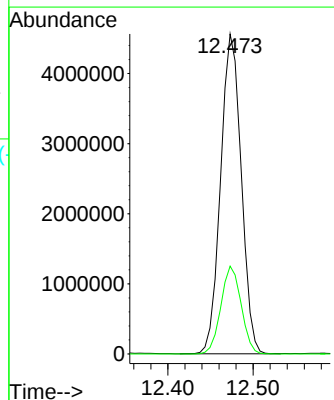
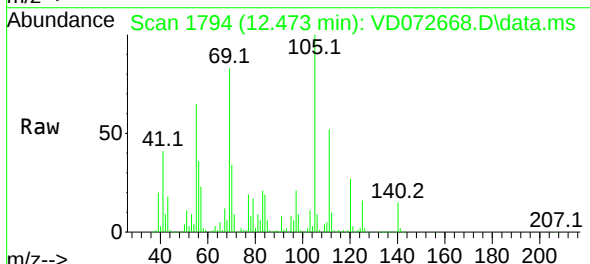
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3-GR

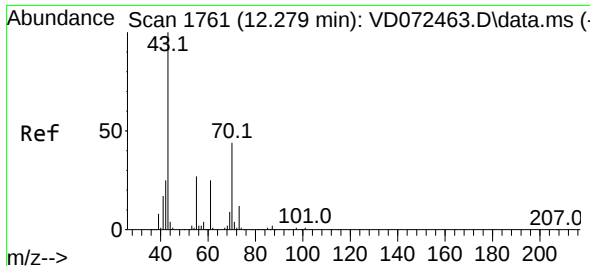
Tgt Ion:152 Resp: 230492
Ion Ratio Lower Upper
152 100
115 67.3 31.3 93.8
150 1.9 0.0 348.6



#73
Isopropylbenzene
Concen: 411.785 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

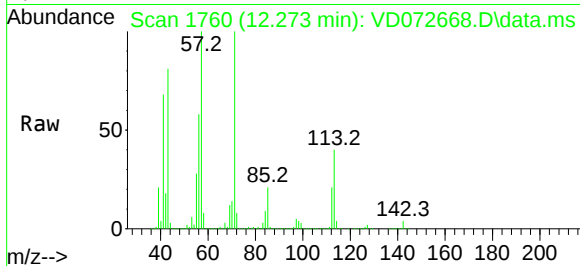
Tgt Ion:105 Resp: 7665249
Ion Ratio Lower Upper
105 100
120 26.9 13.0 38.9



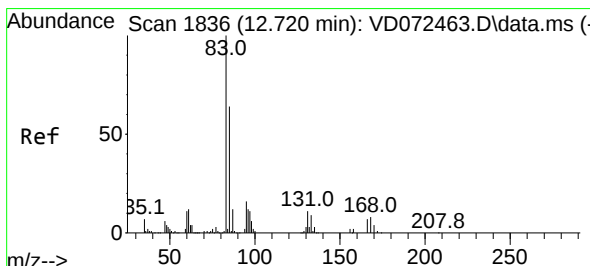
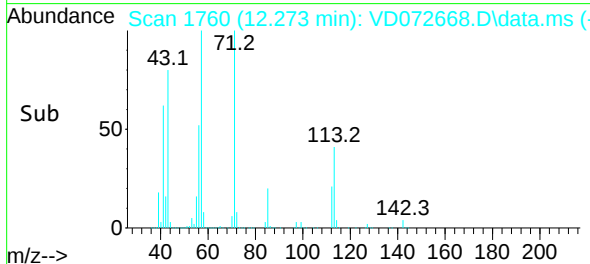
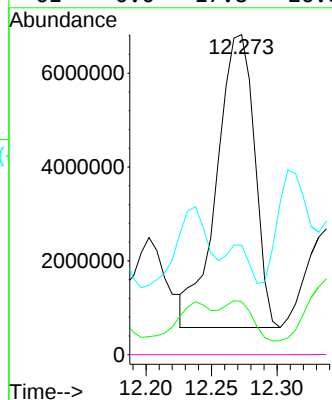


#74
N-amy1 acetate
Concen: 3212.337 ug/l
RT: 12.273 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3-GR

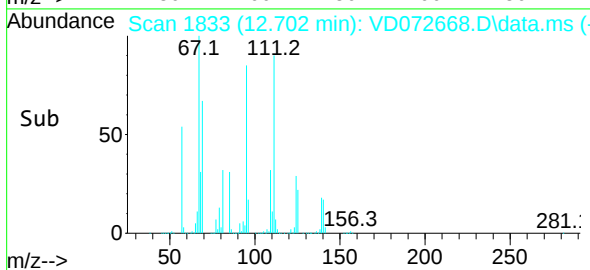
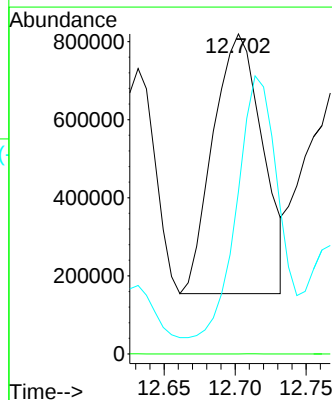
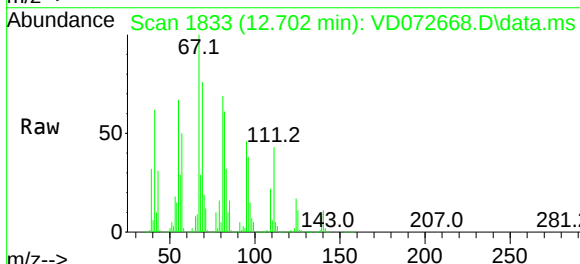


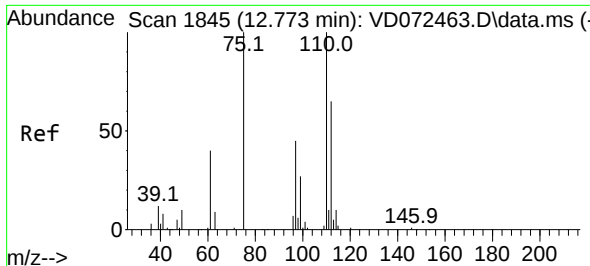
Tgt Ion: 43 Resp:12546579
Ion Ratio Lower Upper
43 100
70 9.8 31.3 46.9#
55 0.0 20.0 30.0#
61 0.0 17.8 26.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 457.966 ug/l
RT: 12.702 min Scan# 1833
Delta R.T. -0.018 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

Tgt Ion: 83 Resp: 1614721
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 82.8 32.6 98.0

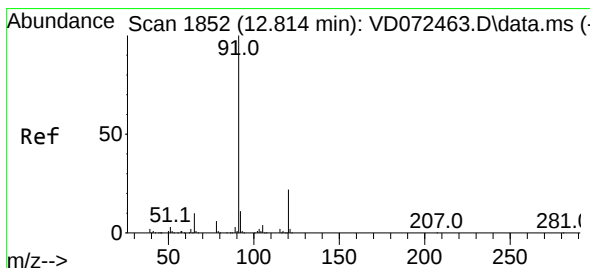
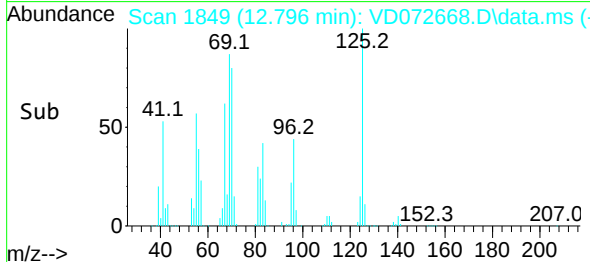
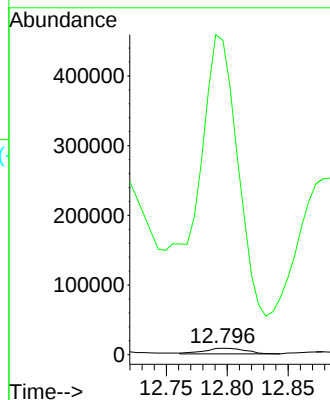
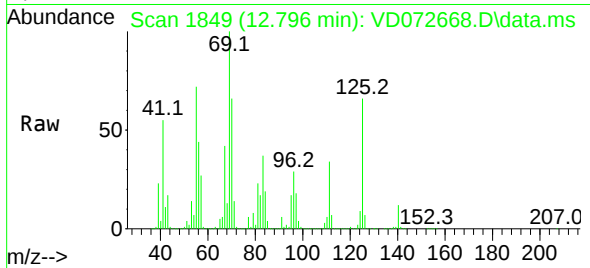




#76
1,2,3-Trichloropropane
Concen: 7.336 ug/l
RT: 12.796 min Scan# 1849
Delta R.T. 0.024 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

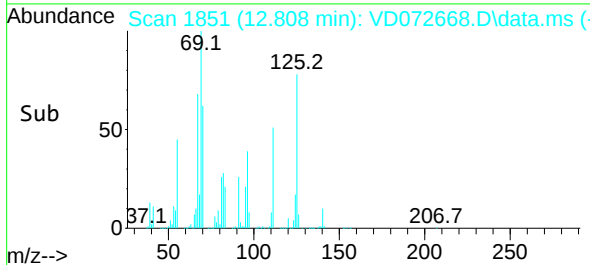
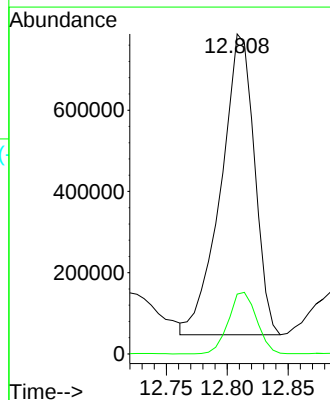
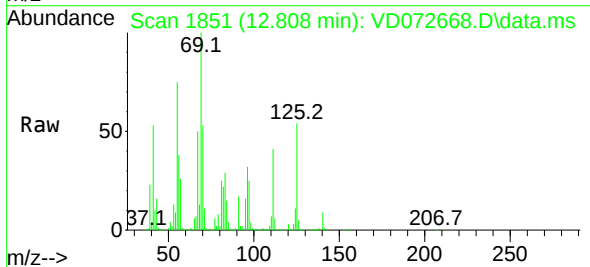
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3-GR

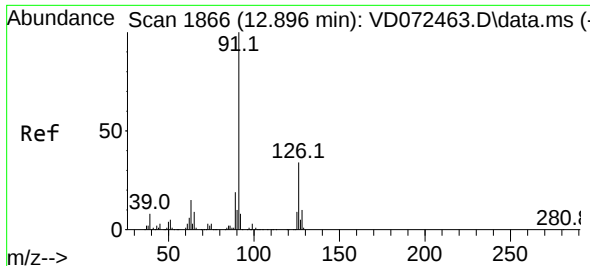
Tgt Ion: 75 Resp: 18441
Ion Ratio Lower Upper
75 100
77 4336.7 0.0 0.0#



#78
n-propylbenzene
Concen: 63.253 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

Tgt Ion: 91 Resp: 1420425
Ion Ratio Lower Upper
91 100
120 17.3 10.9 32.9

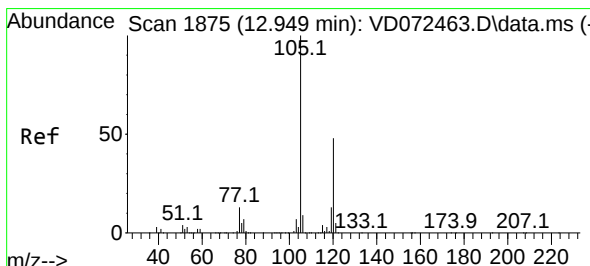
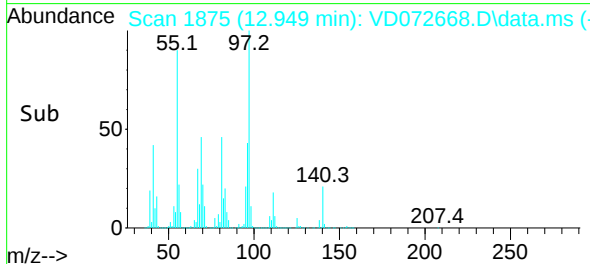
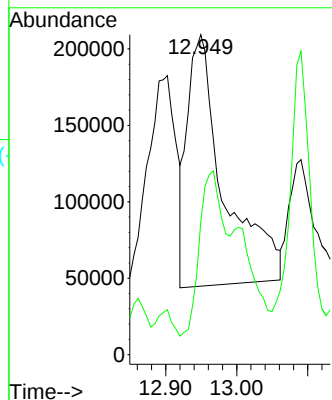
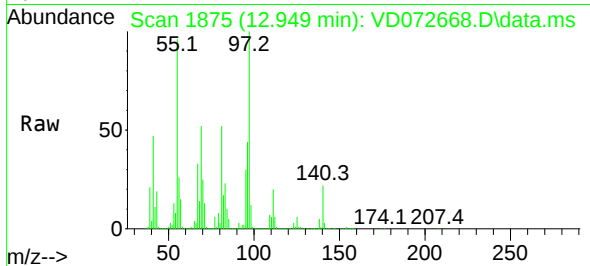




#79
2-Chlorotoluene
Concen: 45.025 ug/l
RT: 12.949 min Scan# 11
Delta R.T. 0.053 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

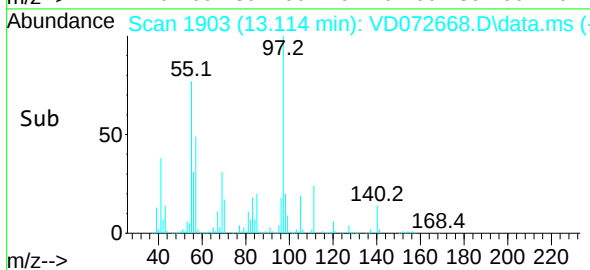
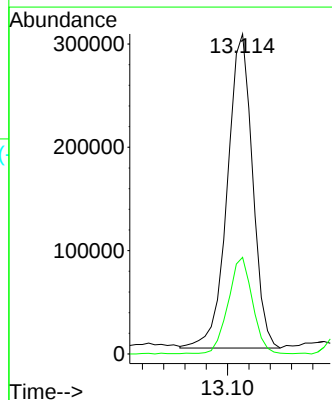
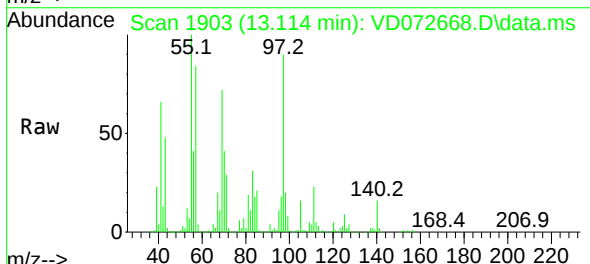
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3-GR

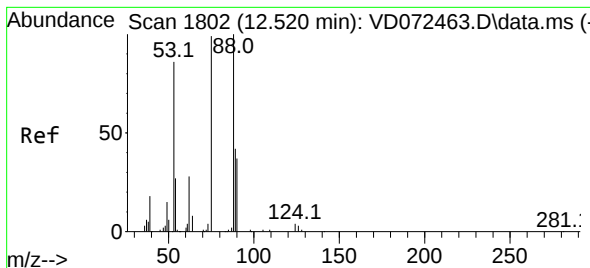
Tgt Ion: 91 Resp: 591308
Ion Ratio Lower Upper
91 100
126 45.0 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 31.344 ug/l
RT: 13.114 min Scan# 1903
Delta R.T. 0.165 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

Tgt Ion: 105 Resp: 499709
Ion Ratio Lower Upper
105 100
120 29.4 24.3 72.8

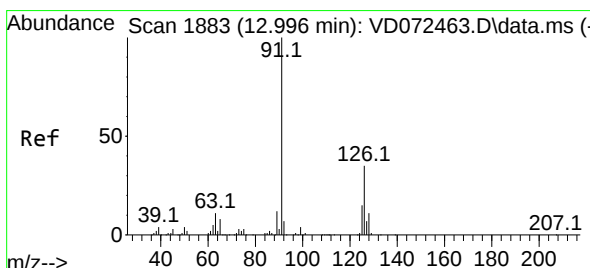
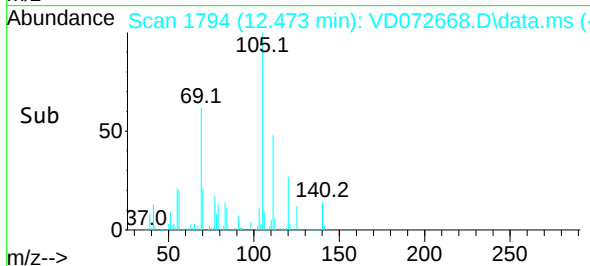
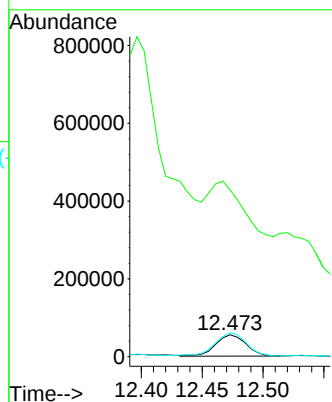
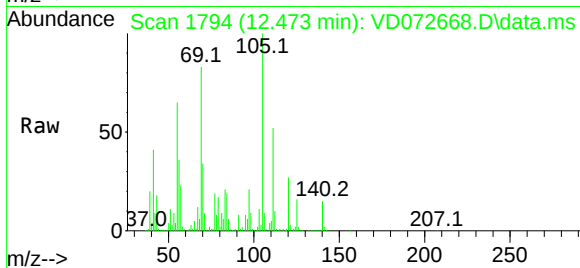




#81
trans-1,4-Dichloro-2-butene
Concen: 93.793 ug/l
RT: 12.473 min Scan# 1
Delta R.T. -0.047 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

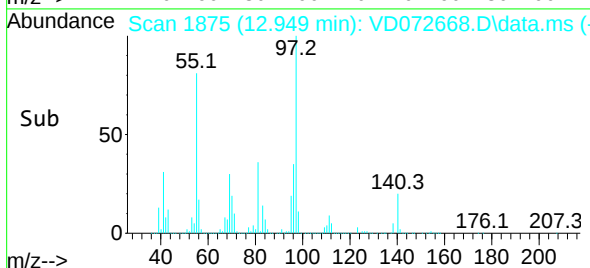
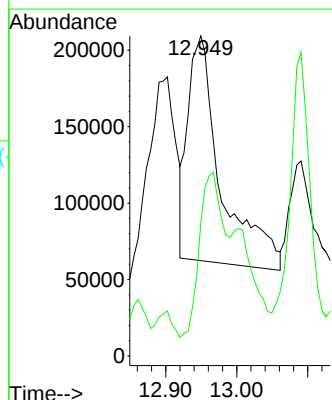
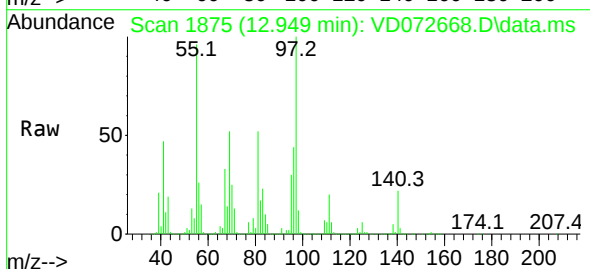
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3-GR

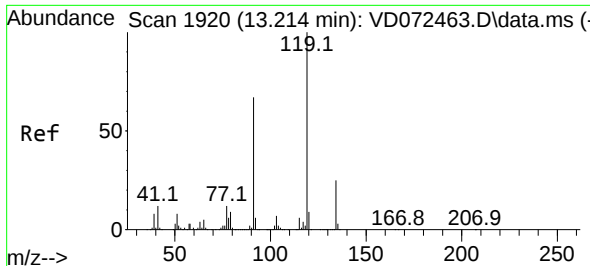
Tgt Ion: 75 Resp: 96089
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 109.6 33.9 50.9#



#82
4-Chlorotoluene
Concen: 34.785 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.047 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

Tgt Ion: 91 Resp: 475773
Ion Ratio Lower Upper
91 100
126 56.0 16.5 49.5#

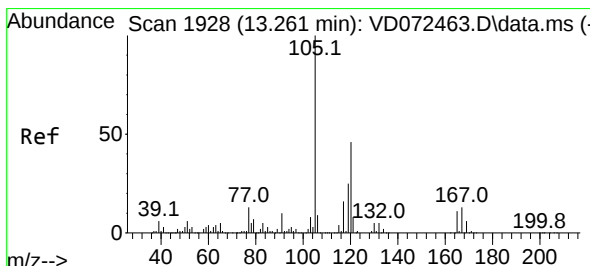
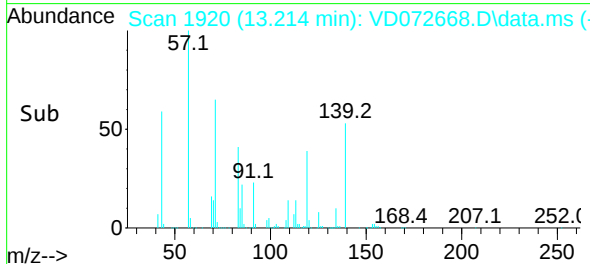
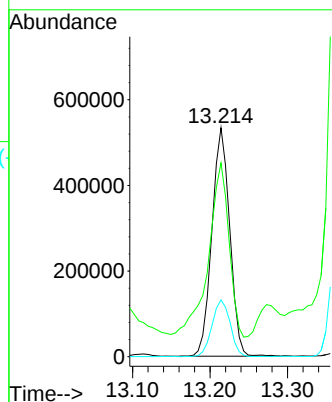
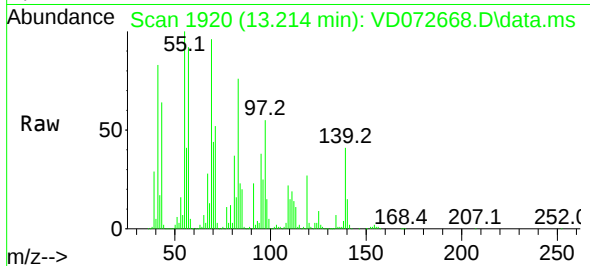




#83
 tert-Butylbenzene
 Concen: 61.797 ug/l
 RT: 13.214 min Scan# 1920
 Delta R.T. 0.000 min
 Lab File: VD072668.D
 Acq: 21 Apr 2022 13:56

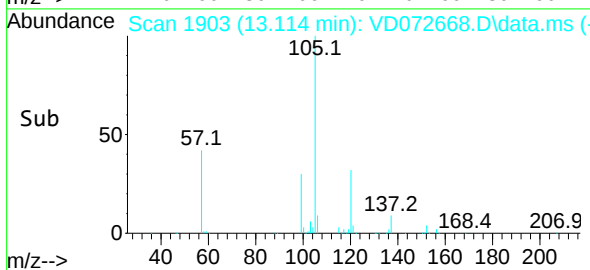
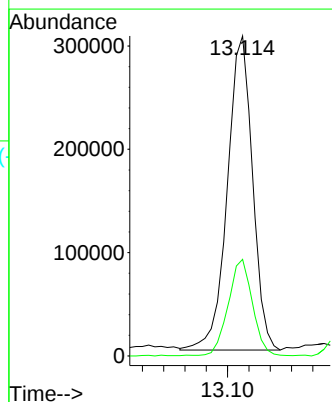
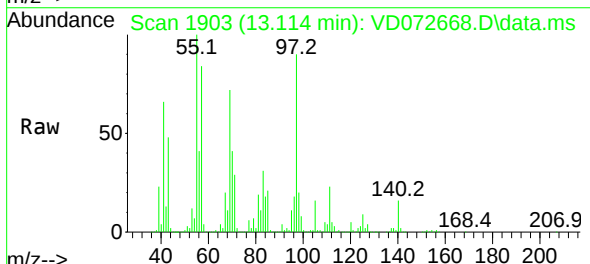
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-16-1A-3-GR

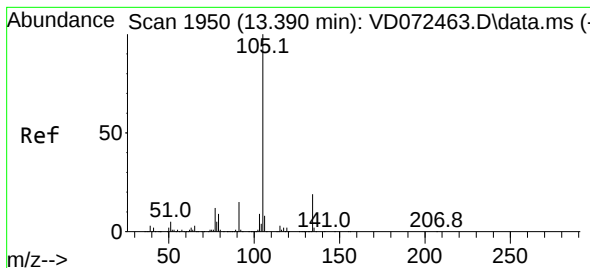
Tgt Ion:119 Resp: 852909
 Ion Ratio Lower Upper
 119 100
 91 88.2 34.8 104.5
 134 25.2 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 32.054 ug/l
 RT: 13.114 min Scan# 1903
 Delta R.T. -0.147 min
 Lab File: VD072668.D
 Acq: 21 Apr 2022 13:56

Tgt Ion:105 Resp: 499709
 Ion Ratio Lower Upper
 105 100
 120 29.4 22.3 66.8





#85

sec-Butylbenzene

Concen: 308.781 ug/l

RT: 13.390 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VD072668.D

Acq: 21 Apr 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

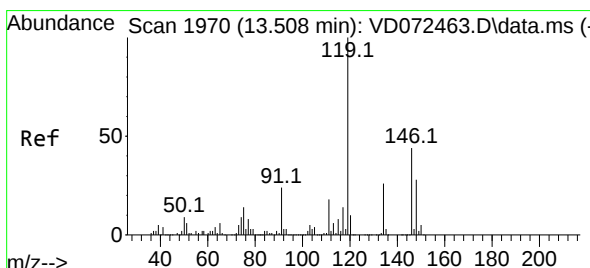
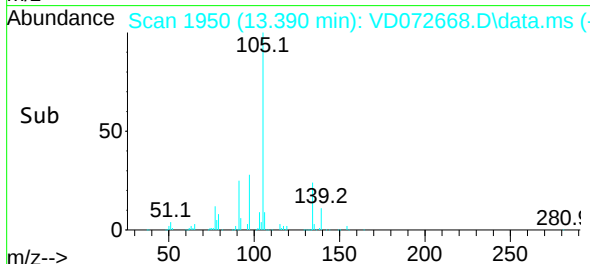
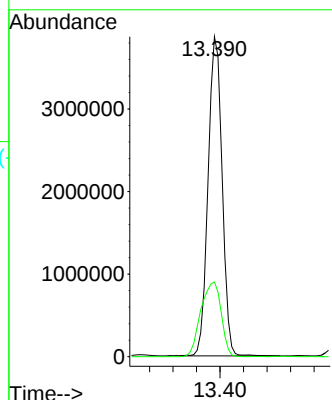
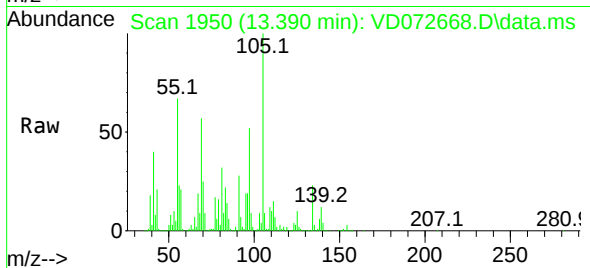
WC-16-1A-3-GR

Tgt Ion:105 Resp: 6419306

Ion Ratio Lower Upper

105 100

134 33.7 9.8 29.3#



#86

p-Isopropyltoluene

Concen: 111.414 ug/l

RT: 13.661 min Scan# 1996

Delta R.T. 0.153 min

Lab File: VD072668.D

Acq: 21 Apr 2022 13:56

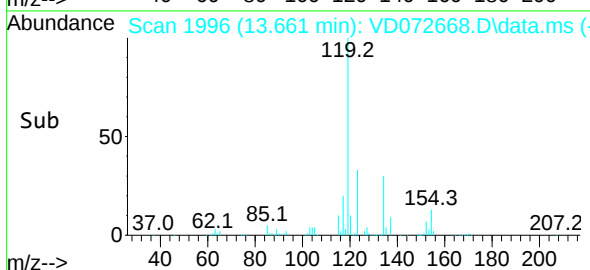
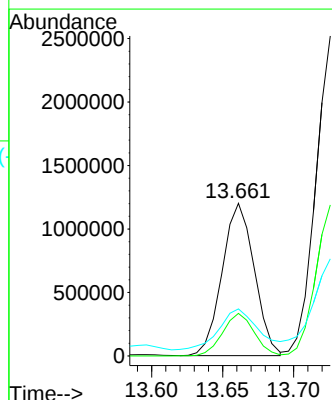
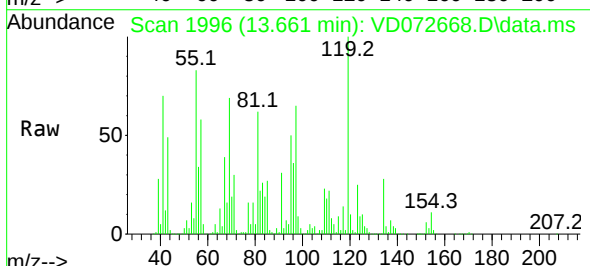
Tgt Ion:119 Resp: 1893224

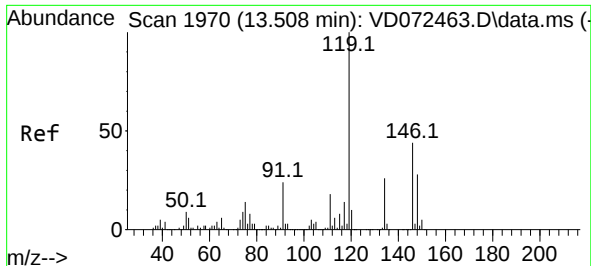
Ion Ratio Lower Upper

119 100

134 27.4 12.9 38.6

91 31.9 12.1 36.3

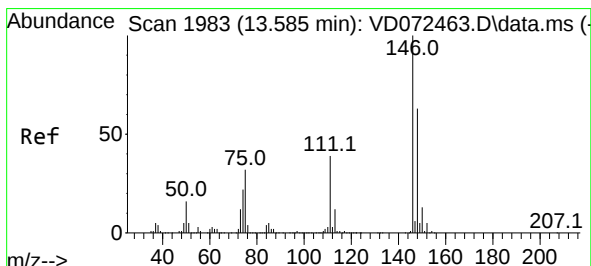
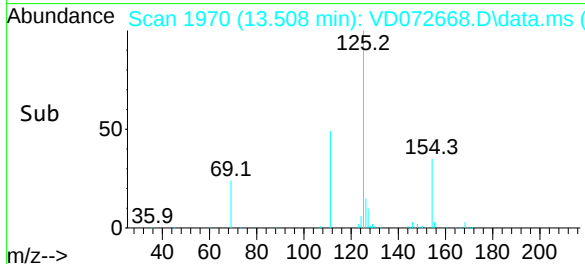
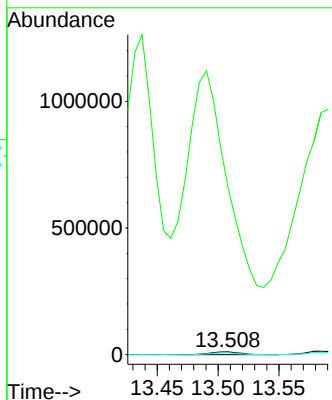
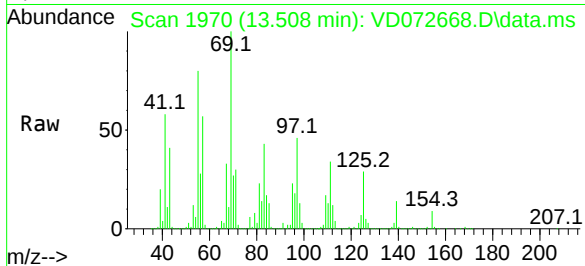




#87
1,3-Dichlorobenzene
Concen: 2.287 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

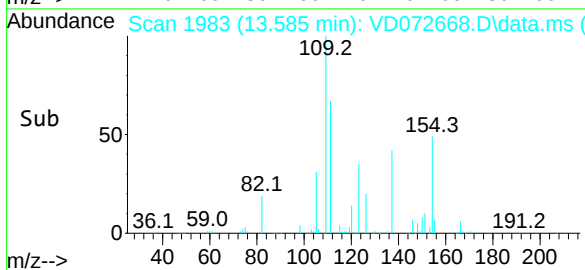
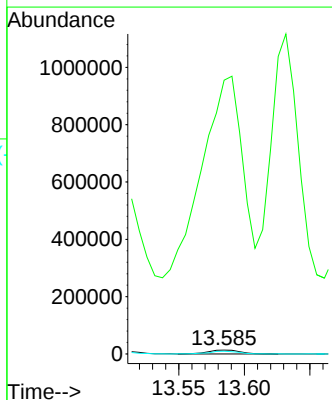
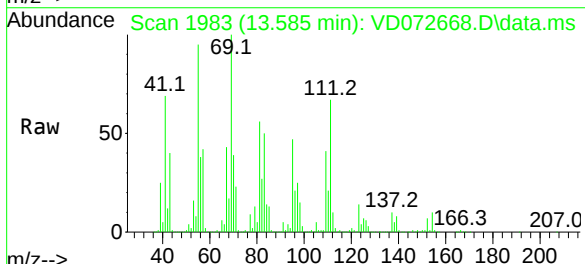
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3-GR

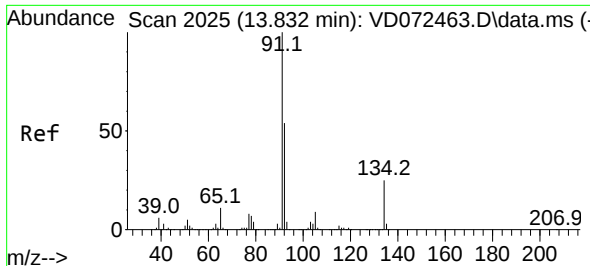
Tgt Ion:146 Resp: 19773
Ion Ratio Lower Upper
146 100
111 9242.2 20.4 61.3#
148 63.7 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 2.662 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

Tgt Ion:146 Resp: 23193
Ion Ratio Lower Upper
146 100
111 6459.6 20.3 60.9#
148 65.7 31.7 95.1

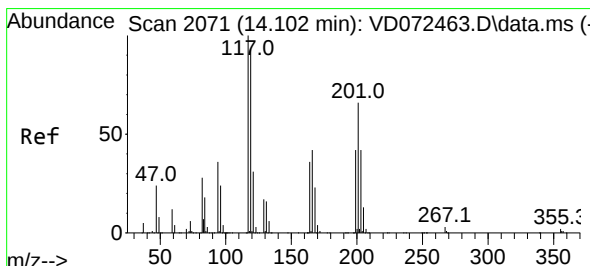
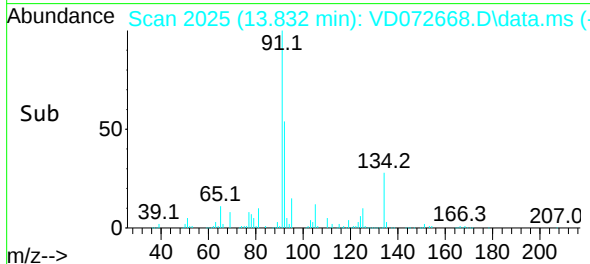
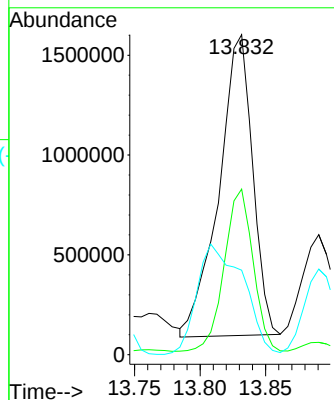
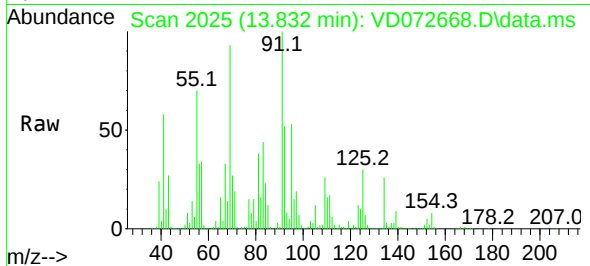




#89
n-Butylbenzene
Concen: 166.422 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

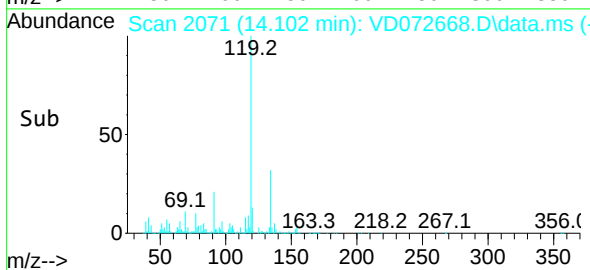
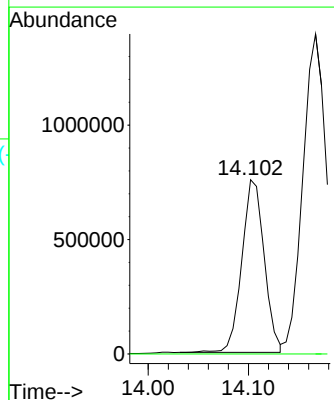
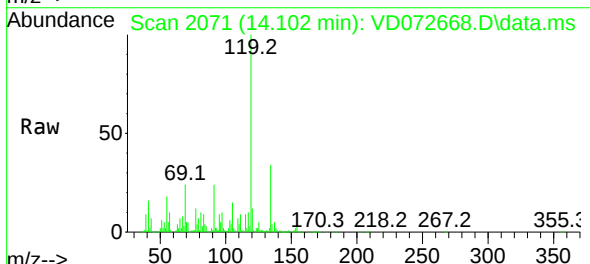
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3-GR

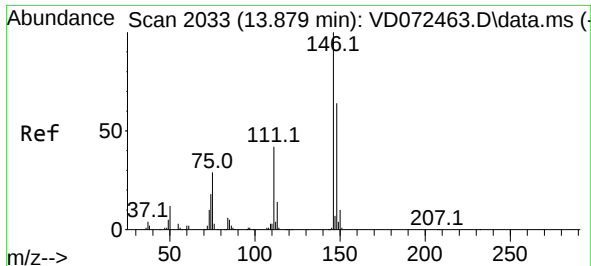
Tgt Ion: 91 Resp: 2693962
Ion Ratio Lower Upper
91 100
92 47.6 26.6 79.8
134 0.0 12.3 36.9#



#90
Hexachloroethane
Concen: 337.446 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.000 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

Tgt Ion: 117 Resp: 1173861
Ion Ratio Lower Upper
117 100
201 0.0 33.4 100.2#





#91

1,2-Dichlorobenzene

Concen: 9.295 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VD072668.D

Acq: 21 Apr 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

WC-16-1A-3-GR

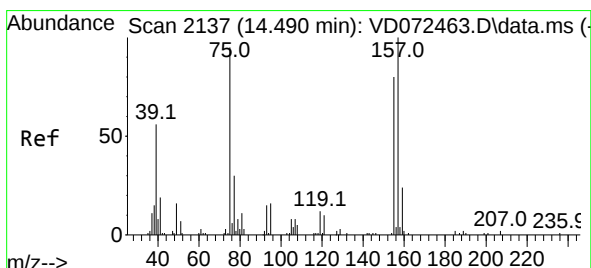
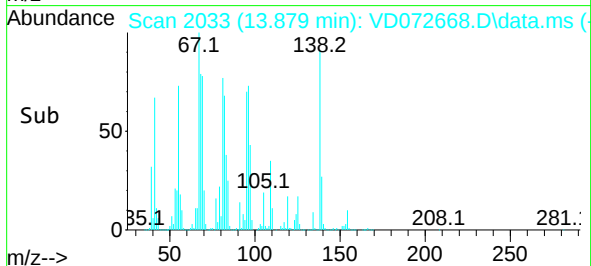
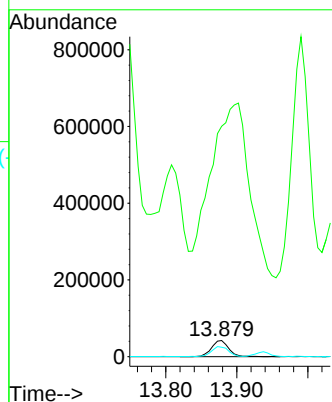
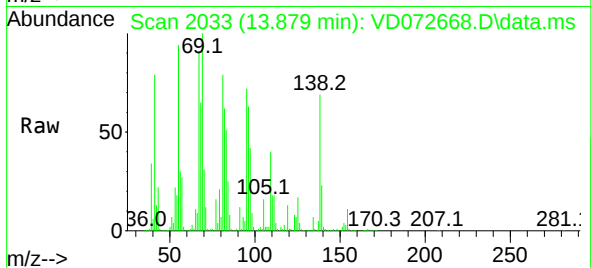
Tgt Ion:146 Resp: 70879

Ion Ratio Lower Upper

146 100

111 0.0 21.1 63.3#

148 60.9 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 39.843 ug/l

RT: 14.508 min Scan# 2140

Delta R.T. 0.018 min

Lab File: VD072668.D

Acq: 21 Apr 2022 13:56

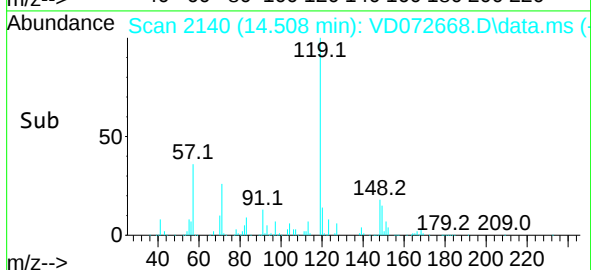
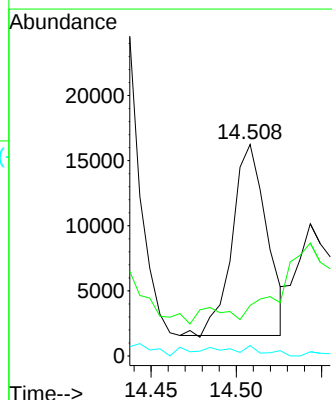
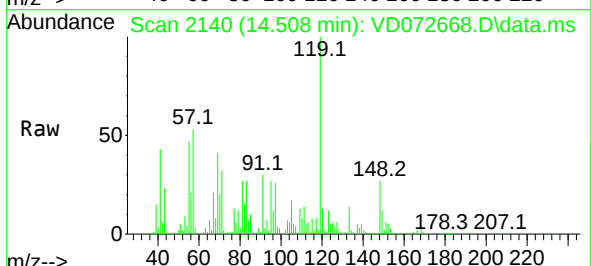
Tgt Ion: 75 Resp: 20776

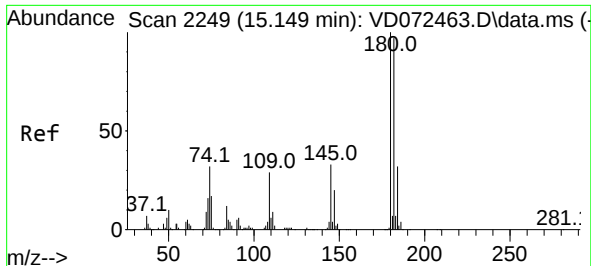
Ion Ratio Lower Upper

75 100

155 0.0 36.8 110.3#

157 0.0 48.4 145.0#

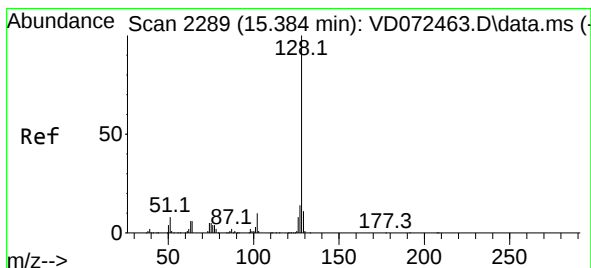
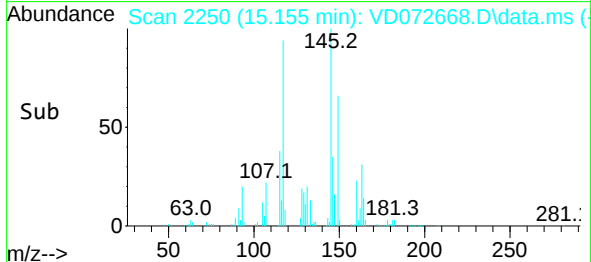
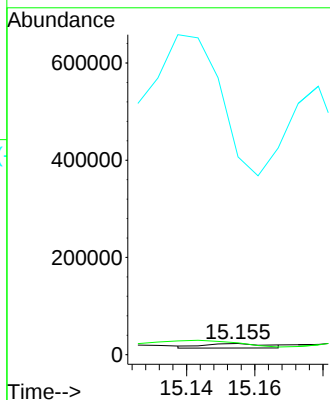
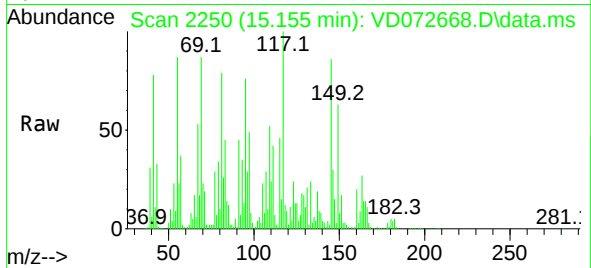




#93
1,2,4-Trichlorobenzene
Concen: 2.517 ug/l
RT: 15.155 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

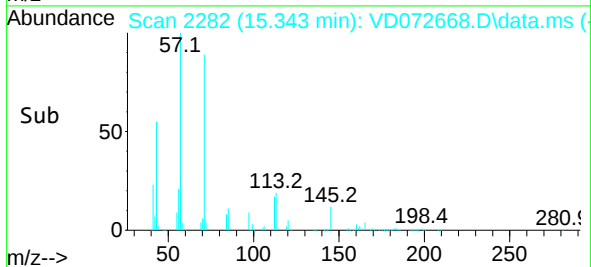
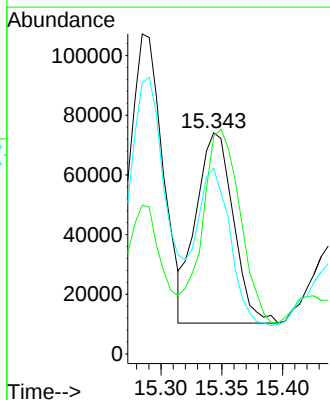
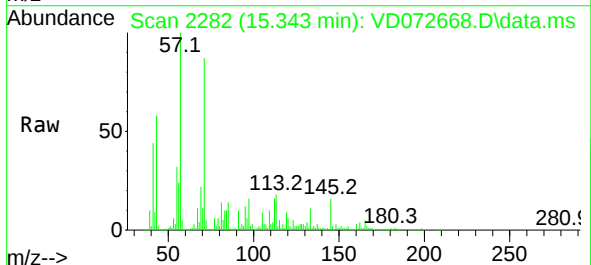
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3-GR

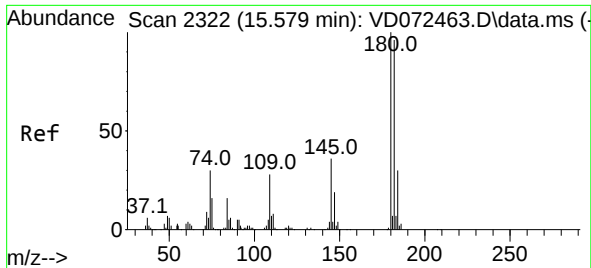
Tgt Ion:180 Resp: 11895
Ion Ratio Lower Upper
180 100
182 413.8 47.3 142.0#
145 14786.3 16.2 48.5#



#95
Naphthalene
Concen: 14.823 ug/l
RT: 15.343 min Scan# 2282
Delta R.T. -0.041 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

Tgt Ion:128 Resp: 136134
Ion Ratio Lower Upper
128 100
127 102.5 10.3 15.5#
129 72.9 8.4 12.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 7.997 ug/l
 RT: 15.602 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: VD072668.D
 Acq: 21 Apr 2022 13:56

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-16-1A-3-GR

Tgt Ion:180 Resp: 32988
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.6 142.9#
 145 0.0 17.1 51.3#

