

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042222\
 Data File : VD072696.D
 Acq On : 22 Apr 2022 16:11
 Operator : VA/SY
 Sample : N2480-11
 Misc : 5.83G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Apr 22 23:46:46 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	239149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	420797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	383777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	271411	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	158487	54.783	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.560%	
35) Dibromofluoromethane	7.908	113	140922	43.093	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 86.180%	
50) Toluene-d8	10.332	98	618762	54.433	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.860%	
62) 4-Bromofluorobenzene	12.614	95	466594	105.102	ug/l	-0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	= 210.200%#	

Target Compounds				Qvalue		
4) Vinyl Chloride	2.426	62	127	1.012	ug/l #	43
10) Methyl Iodide	4.291	142	714	3.989	ug/l #	92
11) Tert butyl alcohol	5.191	59	402	2.631	ug/l #	74
13) Acrolein	3.932	56	111	1.637	ug/l #	14
14) Allyl chloride	4.803	41	461	1.246	ug/l #	59
15) Acrylonitrile	5.462	53	1487	2.429	ug/l #	17
16) Acetone	4.156	43	93123	172.628	ug/l	94
17) Carbon Disulfide	4.403	76	20996	7.812	ug/l	99
20) Methylene Chloride	4.962	84	9856	3.069	ug/l #	79
23) Vinyl Acetate	6.314	43	118	6.314	ug/l #	75
25) 2-Butanone	7.209	43	39792	53.336	ug/l	95
29) Tetrahydrofuran	7.561	42	938	2.082	ug/l #	61
31) Cyclohexane	7.979	56	231793	61.276	ug/l	91
36) 1,1-Dichloropropene	7.973	75	19338	5.647	ug/l #	78
37) Ethyl Acetate	7.209	43	39792	22.964	ug/l #	72
38) Carbon Tetrachloride	7.979	117	26379	5.855	ug/l #	18
39) Methylcyclohexane	9.350	83	1295251	253.700	ug/l	96
41) Methacrylonitrile	7.561	41	2410	3.959	ug/l #	47
43) Isopropyl Acetate	8.444	43	49758	14.970	ug/l #	54
45) 1,2-Dichloropropane	9.350	63	14180	4.463	ug/l #	1
47) Bromodichloromethane	9.767	83	21013	4.388	ug/l #	42
48) Methyl methacrylate	9.526	41	82638	51.211	ug/l #	46
51) 4-Methyl-2-Pentanone	10.261	43	9364	5.250	ug/l	99
55) 1,1,2-Trichloroethane	10.767	97	407228	161.155	ug/l #	20
56) Ethyl methacrylate	10.632	69	108328	35.226	ug/l #	82
58) 2-Chloroethyl Vinyl ether	10.020	63	1288	1.032	ug/l	91
59) 2-Hexanone	10.944	43	719669	593.398	ug/l #	32
65) Chlorobenzene	11.661	112	17875	2.083	ug/l	91
68) m/p-Xylenes	11.844	106	10089	1.776	ug/l	76
69) o-Xylene	12.173	106	26014	4.747	ug/l	36
73) Isopropylbenzene	12.467	105	1110066	50.643	ug/l	100
74) N-amyl acetate	12.261	43	2335221	507.753	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.696	83	279710	67.371	ug/l #	73
76) 1,2,3-Trichloropropane	12.808	75	10899	3.682	ug/l #	100
77) Bromobenzene	12.708	156	5563	1.132	ug/l #	1
78) n-propylbenzene	12.808	91	1343703	50.815	ug/l	99

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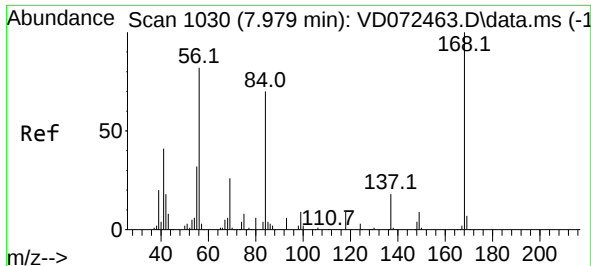
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-16-1A-3

Quant Time: Apr 22 23:46:46 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)

79) 2-Chlorotoluene	12.896	91	55301	3.576	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.949	105	61047	3.252	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.467	75	13763	11.409	ug/l #	1
82) 4-Chlorotoluene	12.944	91	61900	3.843	ug/l #	14
83) tert-Butylbenzene	13.208	119	183199	11.272	ug/l	87
84) 1,2,4-Trimethylbenzene	13.255	105	209748	11.426	ug/l	98
85) sec-Butylbenzene	13.391	105	1321902	53.999	ug/l #	67
86) p-Isopropyltoluene	13.661	119	520456	26.011	ug/l	89
89) n-Butylbenzene	13.826	91	997383	52.325	ug/l #	92
90) Hexachloroethane	14.102	117	327124	79.860	ug/l #	17
91) 1,2-Dichlorobenzene	13.879	146	11682	1.301	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.502	75	9013	14.679	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.179	180	31375	5.637	ug/l #	1
95) Naphthalene	15.343	128	91613	8.471	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.596	180	21072	4.338	ug/l #	12

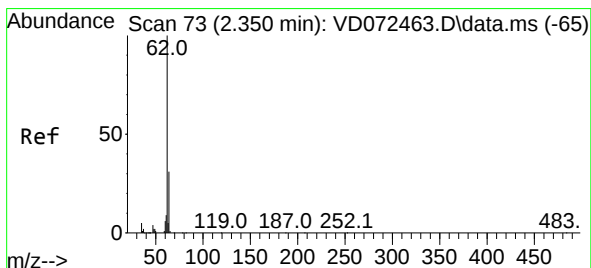
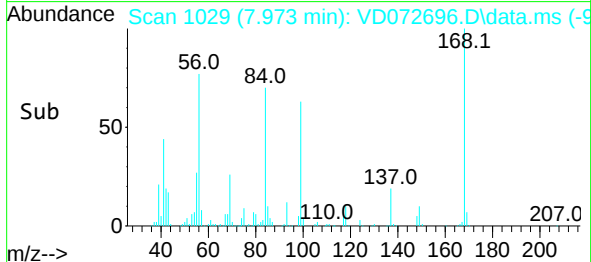
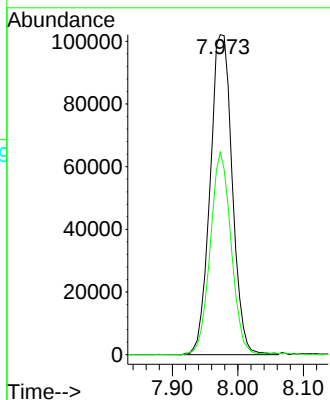
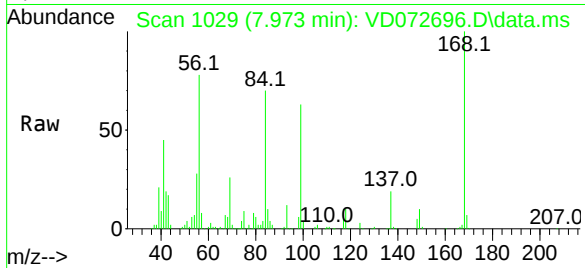
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

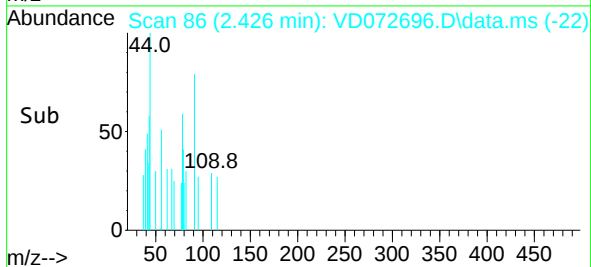
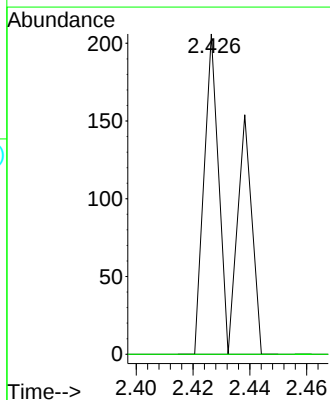
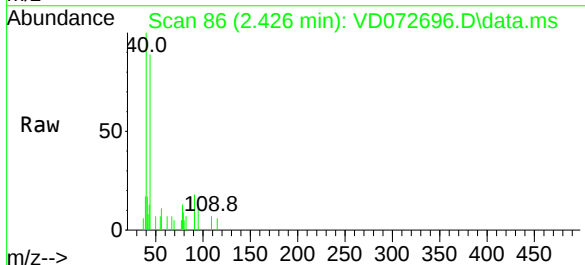
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3

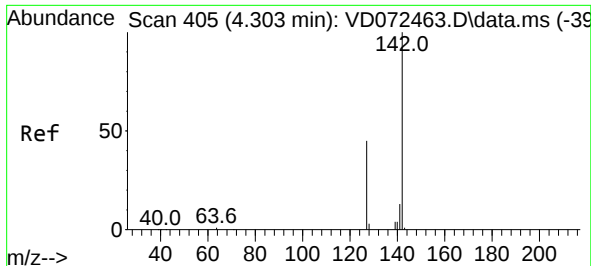
Tgt Ion:168 Resp: 239149
Ion Ratio Lower Upper
168 100
99 63.3 49.8 74.6



#4
Vinyl Chloride
Concen: 1.012 ug/l
RT: 2.426 min Scan# 86
Delta R.T. 0.076 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

Tgt Ion: 62 Resp: 127
Ion Ratio Lower Upper
62 100
64 0.0 25.4 38.0#

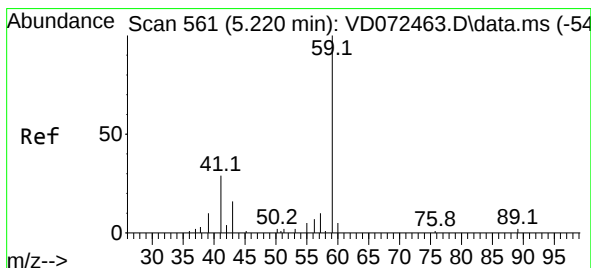
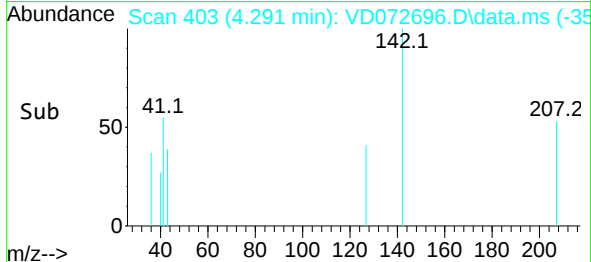
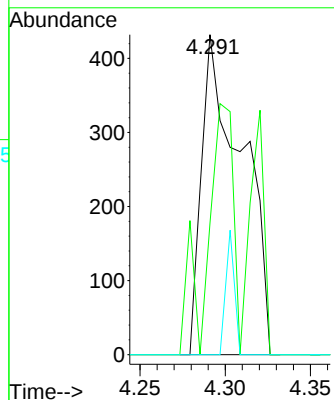
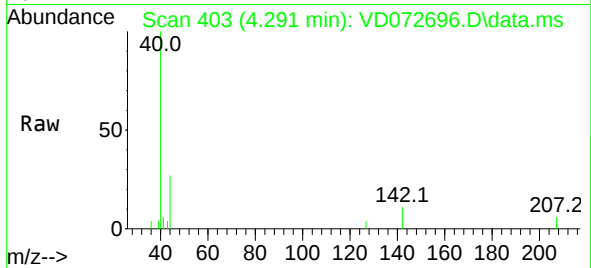




#10
Methyl Iodide
Concen: 3.989 ug/l
RT: 4.291 min Scan# 405
Delta R.T. -0.012 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

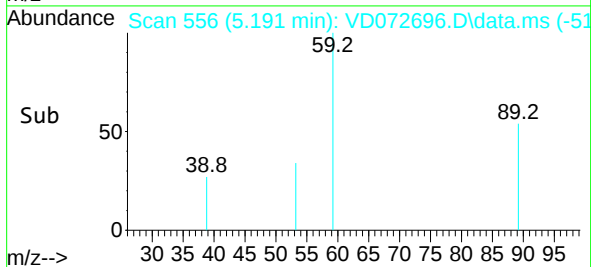
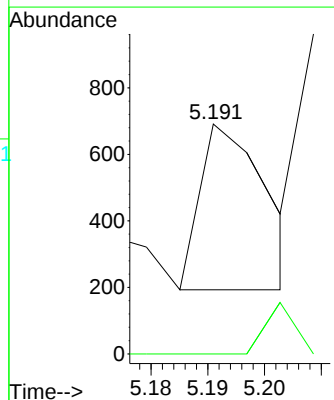
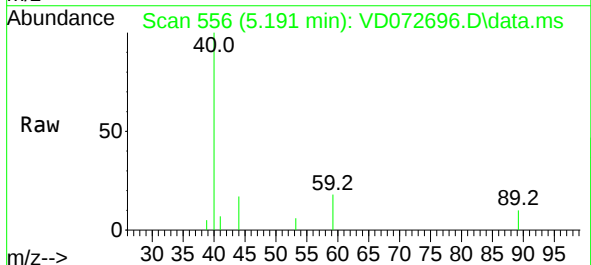
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3

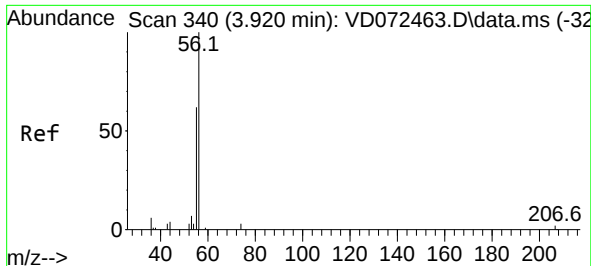
Tgt Ion:142 Resp: 714
Ion Ratio Lower Upper
142 100
127 50.7 37.3 55.9
141 8.3 11.7 17.5#



#11
Tert butyl alcohol
Concen: 2.631 ug/l
RT: 5.191 min Scan# 556
Delta R.T. -0.029 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

Tgt Ion: 59 Resp: 402
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#





#13

Acrolein

Concen: 1.637 ug/l

RT: 3.932 min Scan# 34

Delta R.T. 0.012 min

Lab File: VD072696.D

Acq: 22 Apr 2022 16:11

Instrument :

MSVOA_D

ClientSampleId :

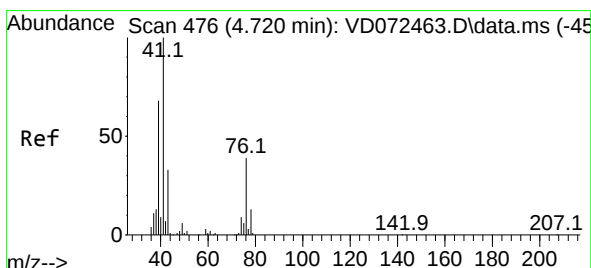
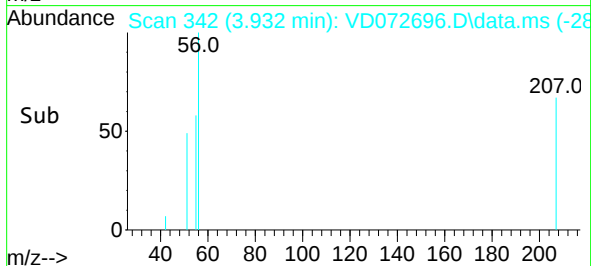
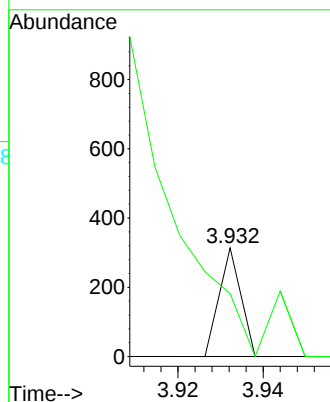
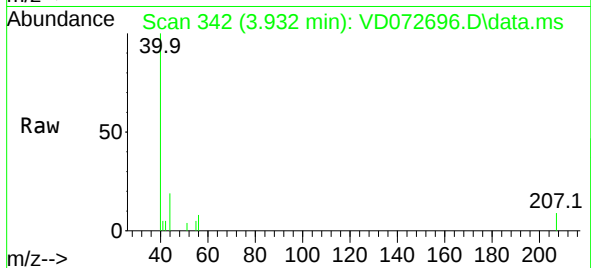
WC-16-1A-3

Tgt Ion: 56 Resp: 111

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#



#14

Allyl chloride

Concen: 1.246 ug/l

RT: 4.803 min Scan# 490

Delta R.T. 0.083 min

Lab File: VD072696.D

Acq: 22 Apr 2022 16:11

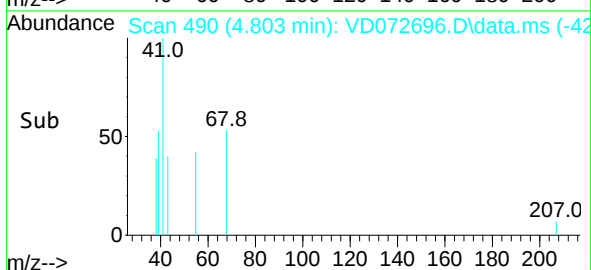
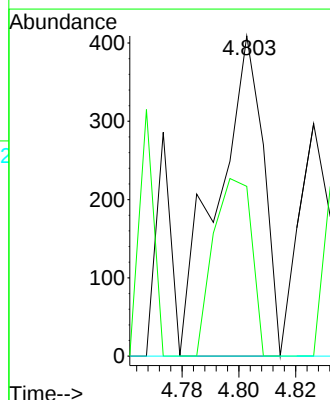
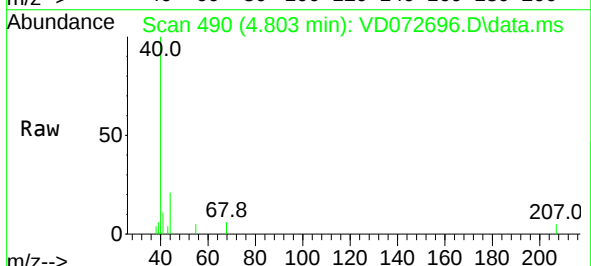
Tgt Ion: 41 Resp: 461

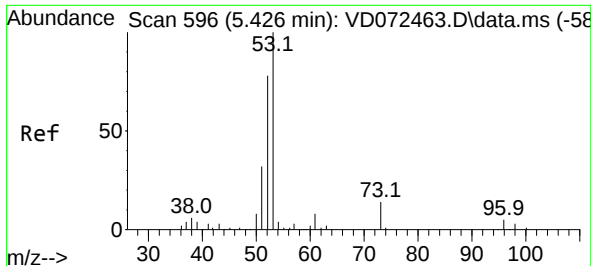
Ion Ratio Lower Upper

41 100

39 46.0 59.3 88.9#

76 0.0 25.7 38.5#

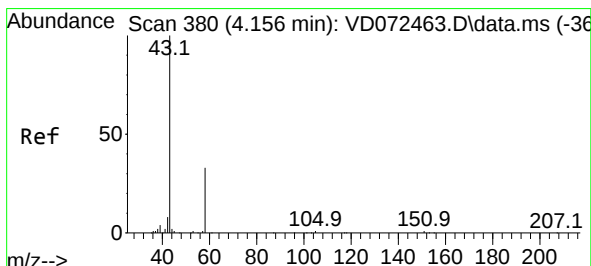
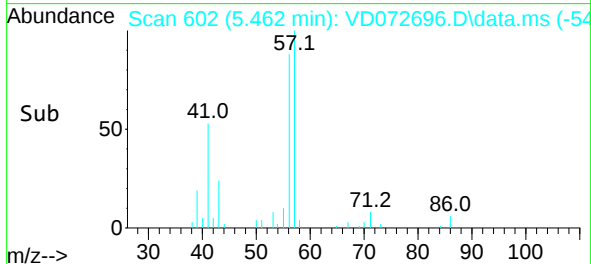
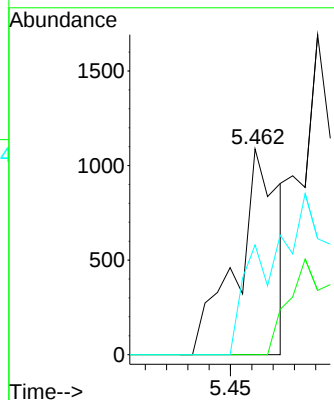
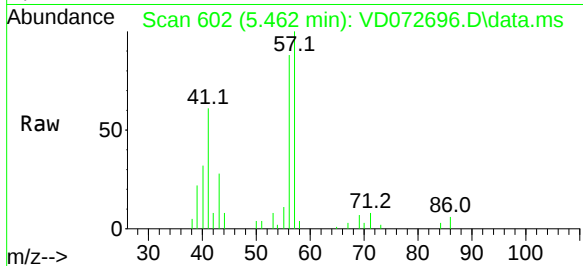




#15
Acrylonitrile
Concen: 2.429 ug/l
RT: 5.462 min Scan# 602
Delta R.T. 0.035 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

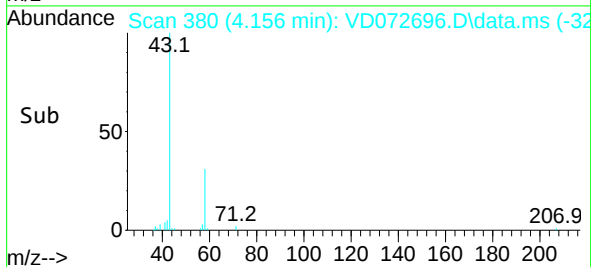
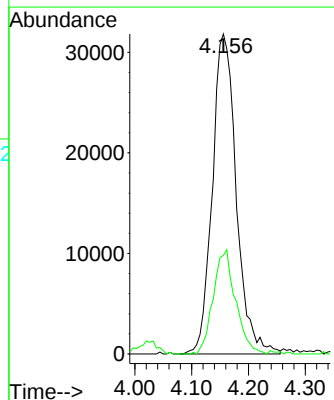
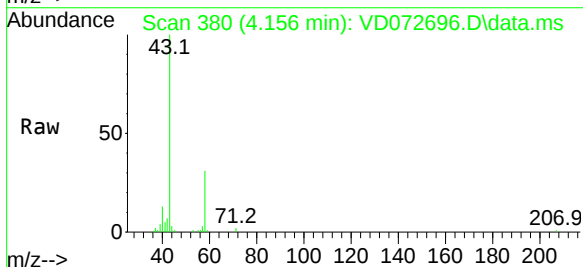
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MSVOA_D
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WC-16-1A-3

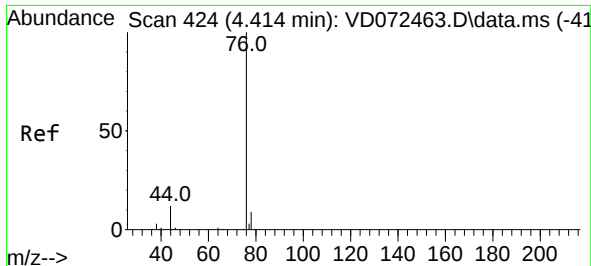
Tgt Ion: 53 Resp: 1487
Ion Ratio Lower Upper
53 100
52 0.0 67.2 100.8#
51 0.0 30.3 45.5#



#16
Acetone
Concen: 172.628 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

Tgt Ion: 43 Resp: 93123
Ion Ratio Lower Upper
43 100
58 30.8 22.1 33.1





#17

Carbon Disulfide

Concen: 7.812 ug/l

RT: 4.403 min Scan# 41

Delta R.T. -0.011 min

Lab File: VD072696.D

Acq: 22 Apr 2022 16:11

Instrument :

MSVOA_D

ClientSampleId :

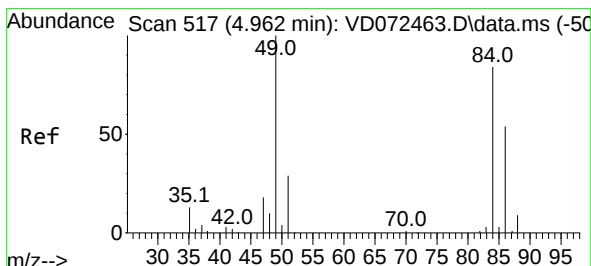
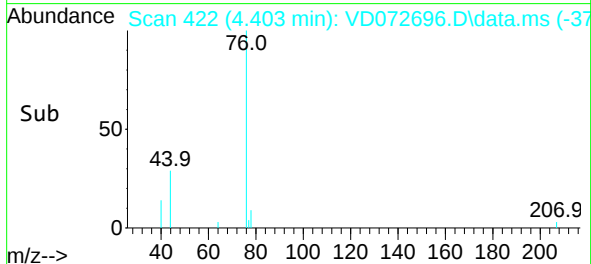
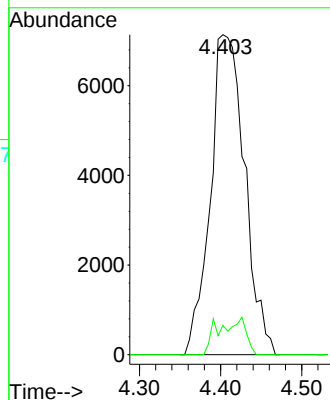
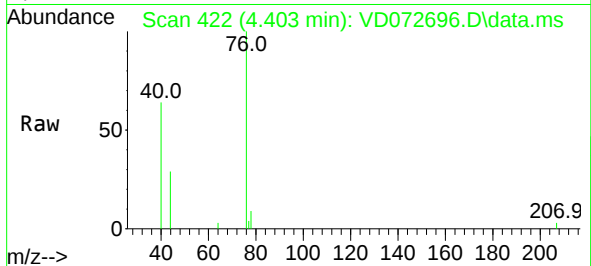
WC-16-1A-3

Tgt Ion: 76 Resp: 20996

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3



#20

Methylene Chloride

Concen: 3.069 ug/l

RT: 4.962 min Scan# 517

Delta R.T. 0.000 min

Lab File: VD072696.D

Acq: 22 Apr 2022 16:11

Tgt Ion: 84 Resp: 9856

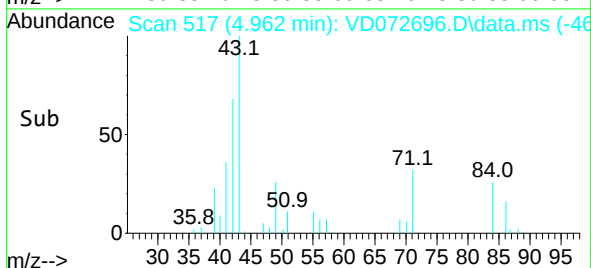
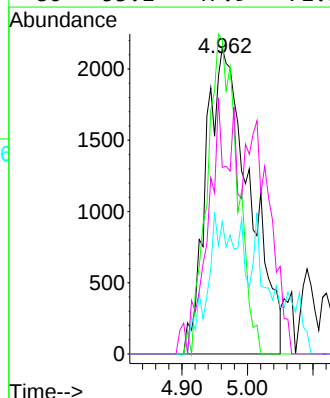
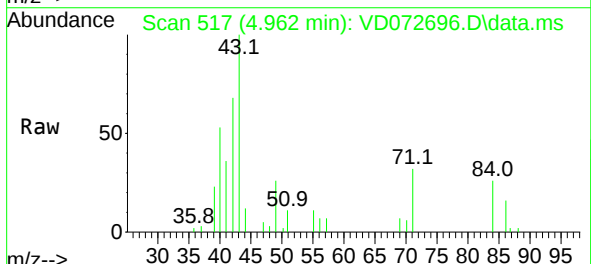
Ion Ratio Lower Upper

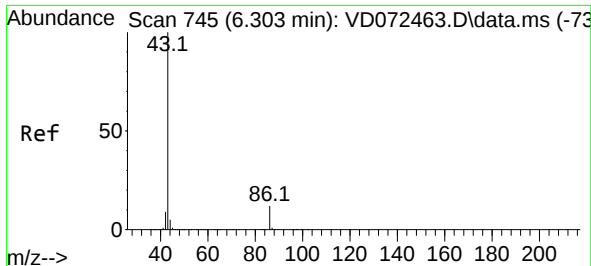
84 100

49 102.7 112.8 169.2#

51 43.2 32.6 48.8

86 53.1 47.9 71.9

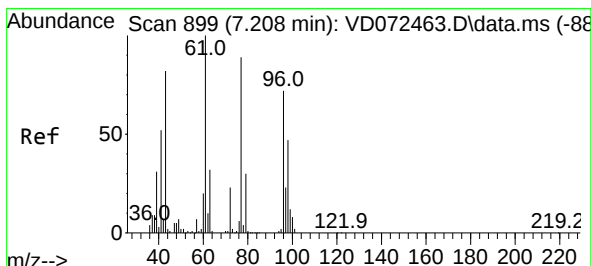
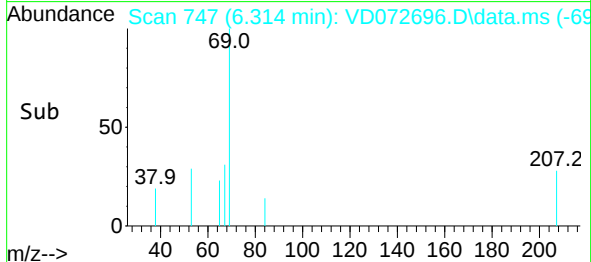
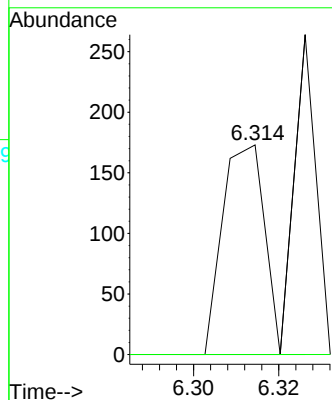
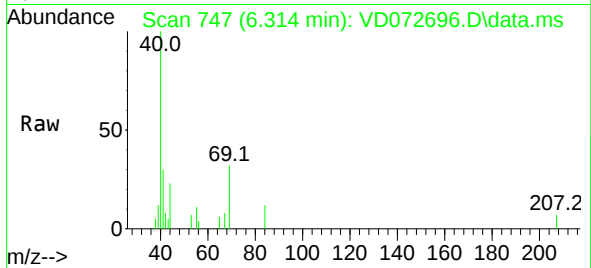




#23
 Vinyl Acetate
 Concen: 6.314 ug/l
 RT: 6.314 min Scan# 745
 Delta R.T. 0.011 min
 Lab File: VD072696.D
 Acq: 22 Apr 2022 16:11

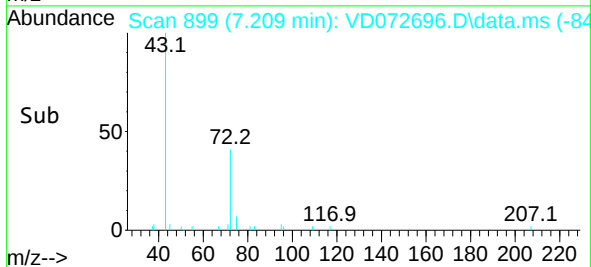
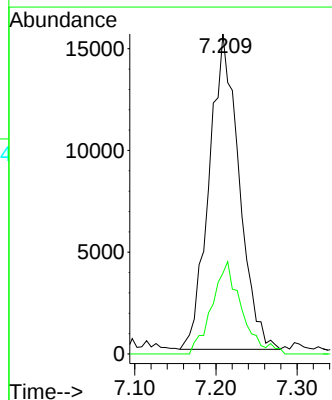
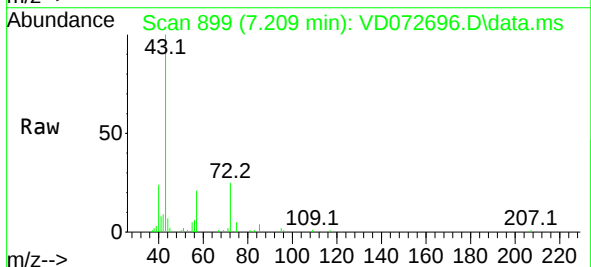
Instrument :
 MSVOA_D
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 WC-16-1A-3

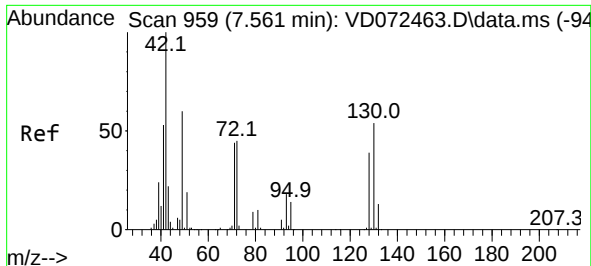
Tgt Ion: 43 Resp: 118
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.1 10.7#



#25
 2-Butanone
 Concen: 53.336 ug/l
 RT: 7.209 min Scan# 899
 Delta R.T. 0.000 min
 Lab File: VD072696.D
 Acq: 22 Apr 2022 16:11

Tgt Ion: 43 Resp: 39792
 Ion Ratio Lower Upper
 43 100
 72 25.6 18.6 27.8





#29

Tetrahydrofuran

Concen: 2.082 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD072696.D

Acq: 22 Apr 2022 16:11

Instrument :

MSVOA_D

ClientSampleId :

WC-16-1A-3

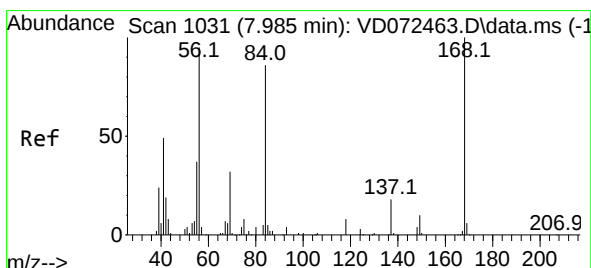
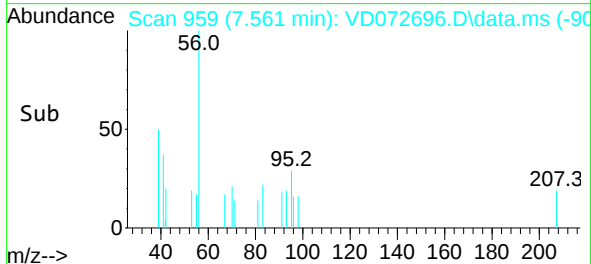
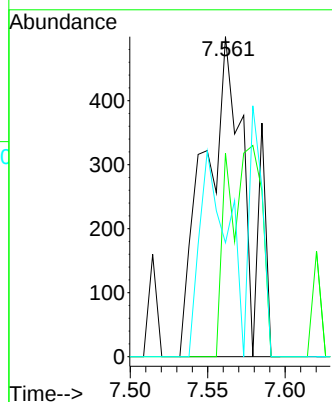
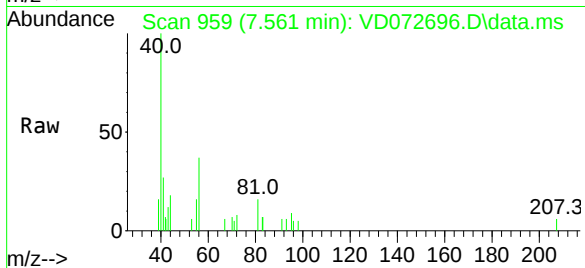
Tgt Ion: 42 Resp: 938

Ion Ratio Lower Upper

42 100

72 0.0 30.7 46.1#

71 43.2 28.6 43.0#



#31

Cyclohexane

Concen: 61.276 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD072696.D

Acq: 22 Apr 2022 16:11

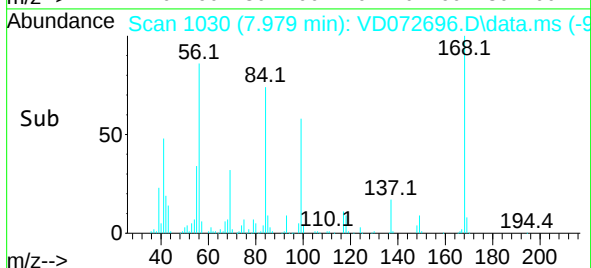
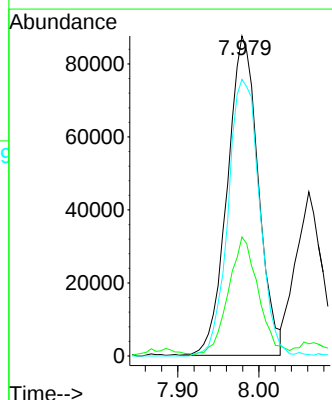
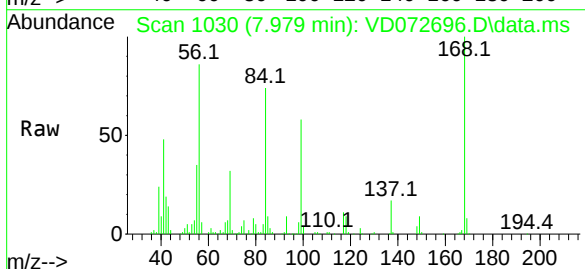
Tgt Ion: 56 Resp: 231793

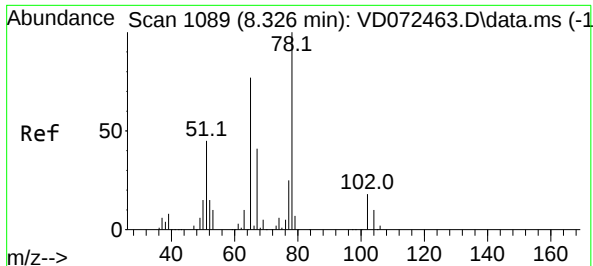
Ion Ratio Lower Upper

56 100

69 36.1 25.4 38.2

84 86.6 63.0 94.4





#33

1,2-Dichloroethane-d4

Concen: 54.783 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD072696.D

Acq: 22 Apr 2022 16:11

Instrument :

MSVOA_D

ClientSampleId :

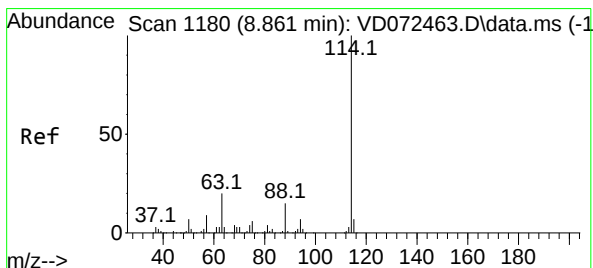
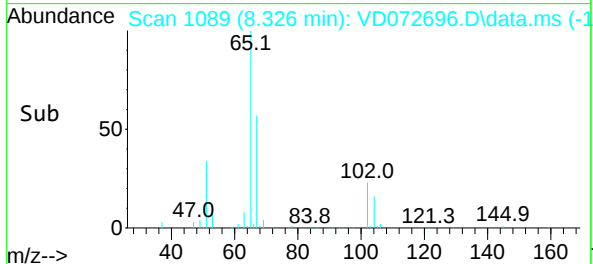
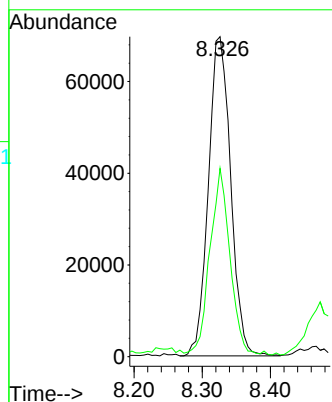
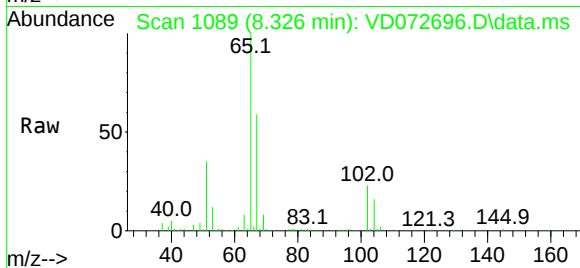
WC-16-1A-3

Tgt Ion: 65 Resp: 158487

Ion Ratio Lower Upper

65 100

67 51.7 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072696.D

Acq: 22 Apr 2022 16:11

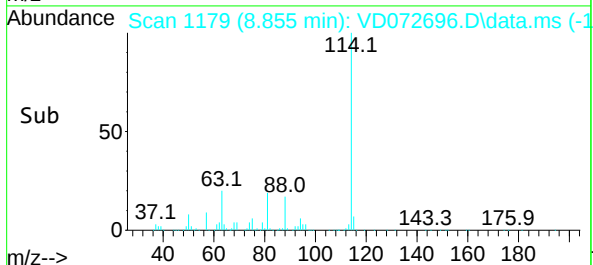
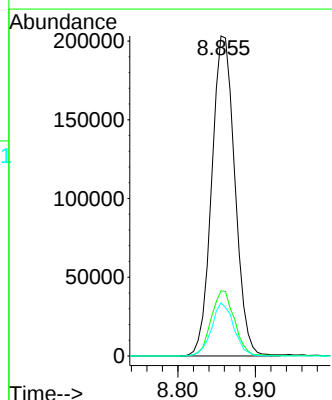
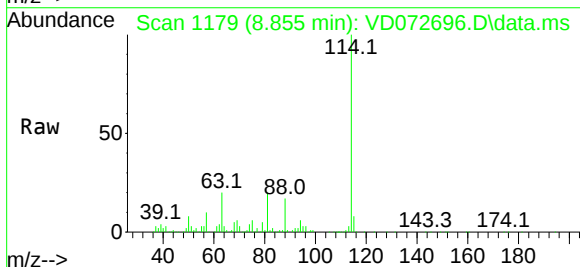
Tgt Ion: 114 Resp: 420797

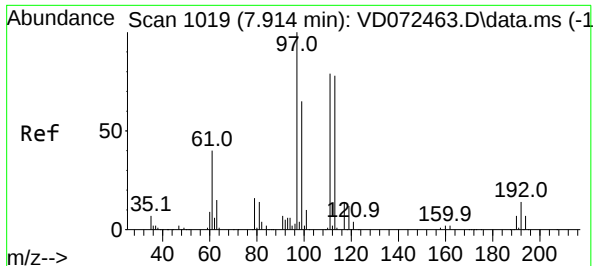
Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.6

88 16.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 43.093 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072696.D

Acq: 22 Apr 2022 16:11

Instrument :

MSVOA_D

ClientSampleId :

WC-16-1A-3

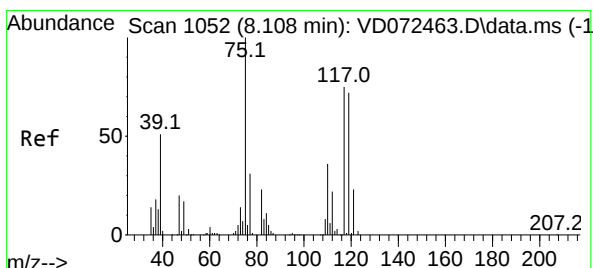
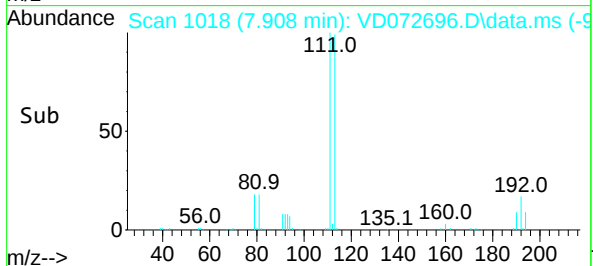
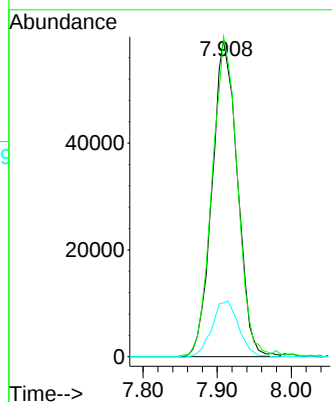
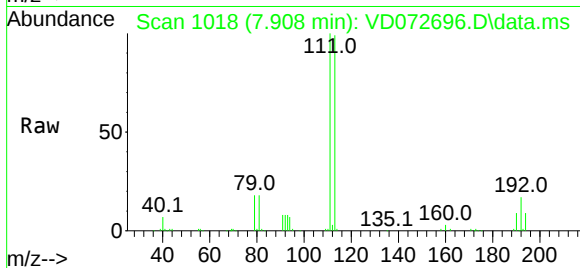
Tgt Ion:113 Resp: 140922

Ion Ratio Lower Upper

113 100

111 100.9 83.8 125.6

192 18.5 14.6 21.8



#36

1,1-Dichloropropene

Concen: 5.647 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD072696.D

Acq: 22 Apr 2022 16:11

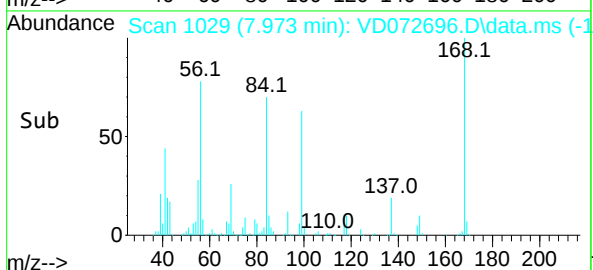
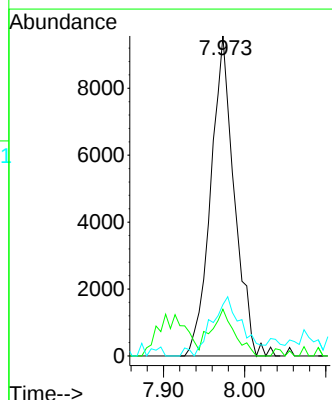
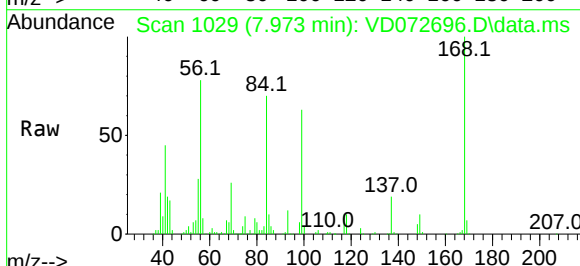
Tgt Ion: 75 Resp: 19338

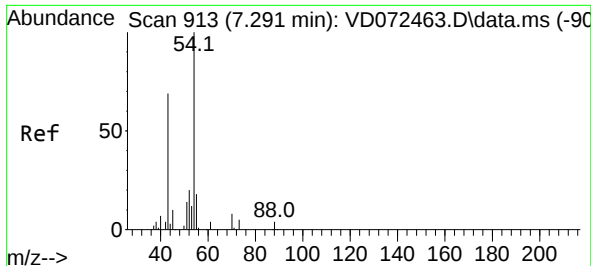
Ion Ratio Lower Upper

75 100

110 14.5 16.4 49.1#

77 24.4 24.2 36.2





#37

Ethyl Acetate

Concen: 22.964 ug/l

RT: 7.209 min Scan# 899

Delta R.T. -0.082 min

Lab File: VD072696.D

Acq: 22 Apr 2022 16:11

Instrument :

MSVOA_D

ClientSampleId :

WC-16-1A-3

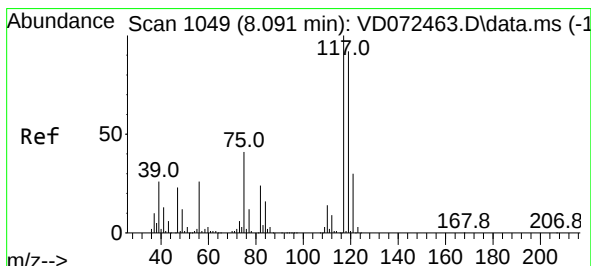
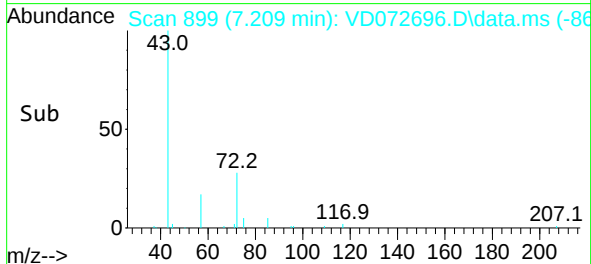
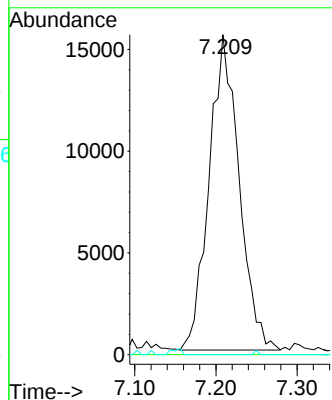
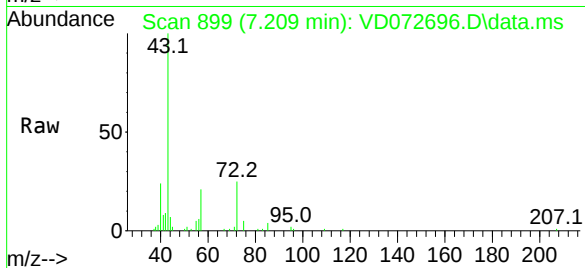
Tgt Ion: 43 Resp: 39792

Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

70 0.0 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 5.855 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.112 min

Lab File: VD072696.D

Acq: 22 Apr 2022 16:11

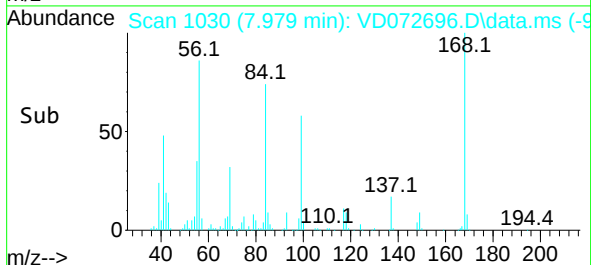
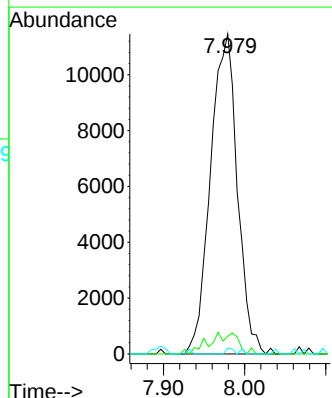
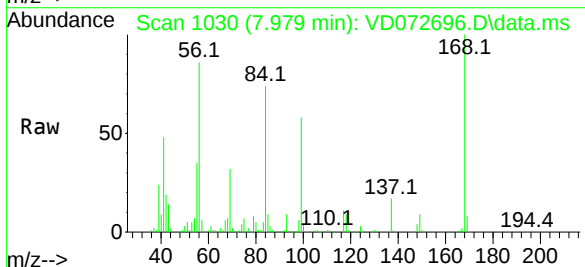
Tgt Ion: 117 Resp: 26379

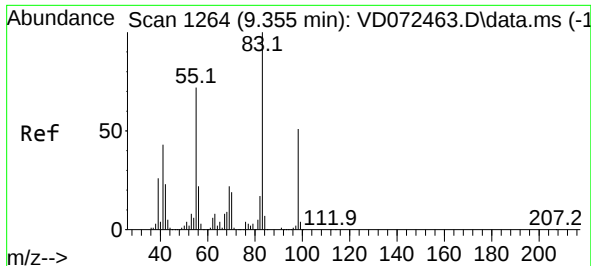
Ion Ratio Lower Upper

117 100

119 5.5 75.8 113.6#

121 1.8 24.5 36.7#





#39

Methylcyclohexane

Concen: 253.700 ug/l

RT: 9.350 min Scan# 1

Delta R.T. -0.005 min

Lab File: VD072696.D

Acq: 22 Apr 2022 16:11

Instrument :

MSVOA_D

ClientSampleId :

WC-16-1A-3

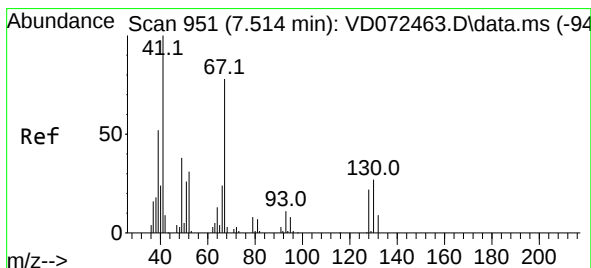
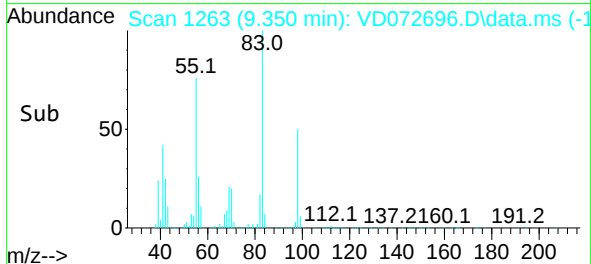
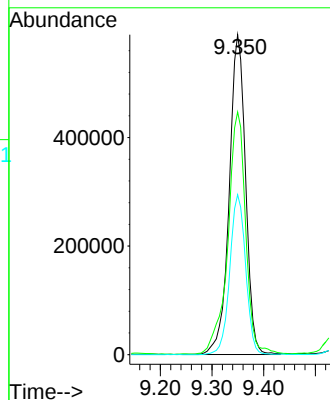
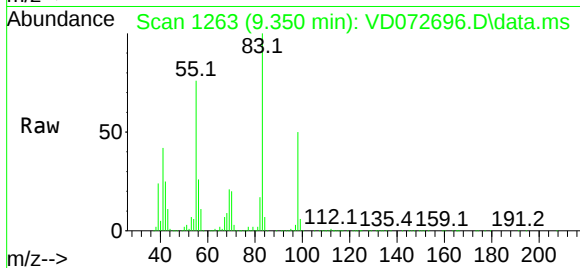
Tgt Ion: 83 Resp: 1295251

Ion Ratio Lower Upper

83 100

55 75.7 63.2 94.8

98 50.0 38.2 57.4



#41

Methacrylonitrile

Concen: 3.959 ug/l

RT: 7.561 min Scan# 959

Delta R.T. 0.047 min

Lab File: VD072696.D

Acq: 22 Apr 2022 16:11

Tgt Ion: 41 Resp: 2410

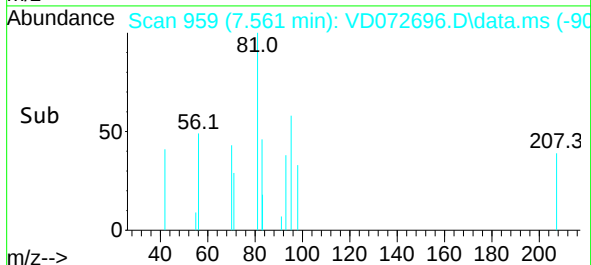
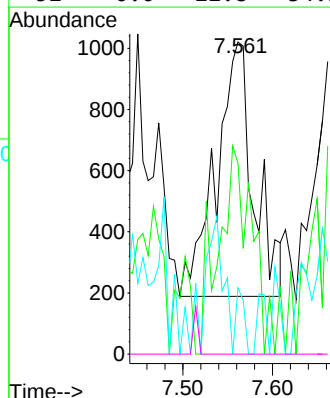
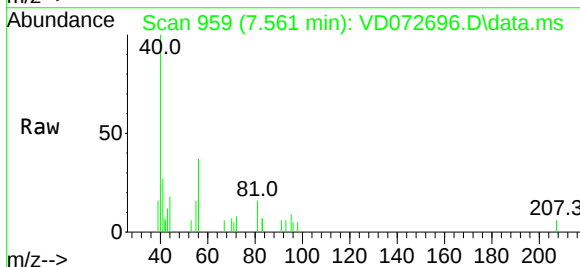
Ion Ratio Lower Upper

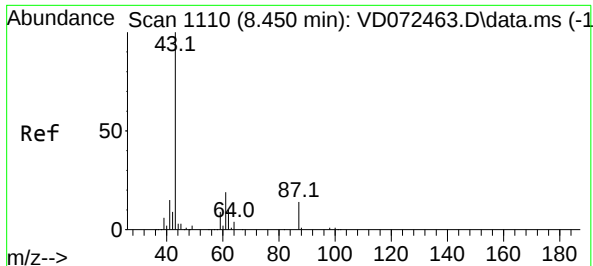
41 100

39 72.9 44.6 67.0#

67 0.0 48.2 72.4#

52 0.0 22.8 34.2#

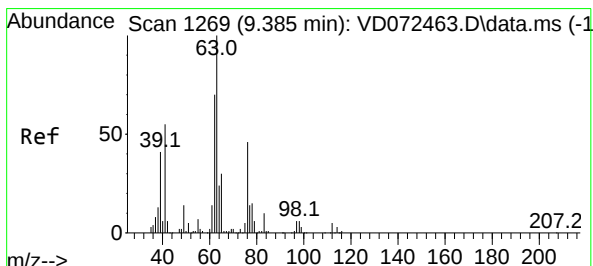
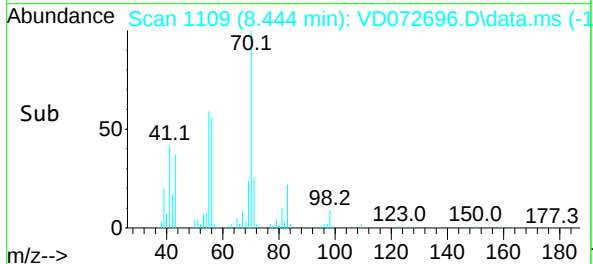
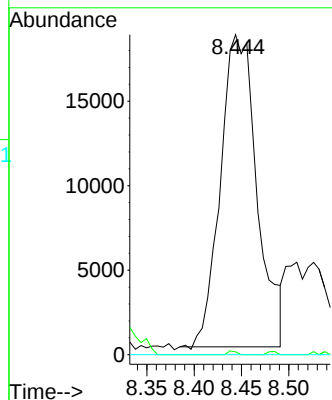
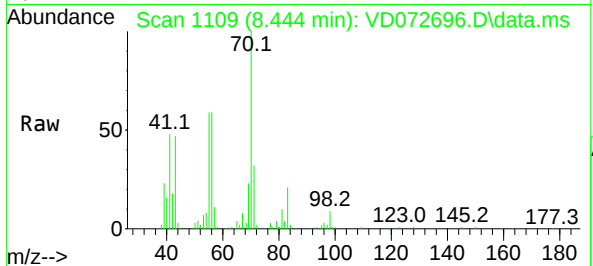




#43
Isopropyl Acetate
Concen: 14.970 ug/l
RT: 8.444 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

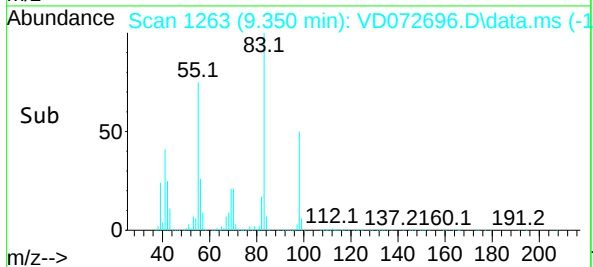
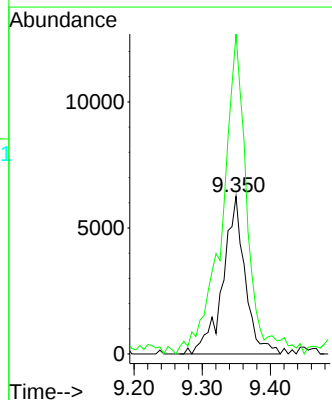
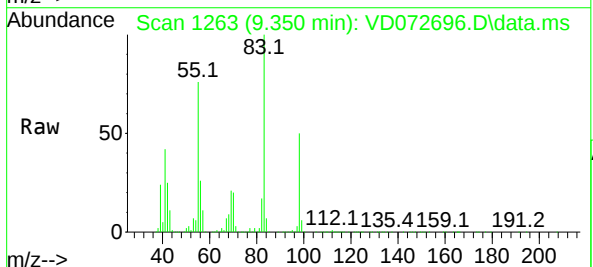
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3

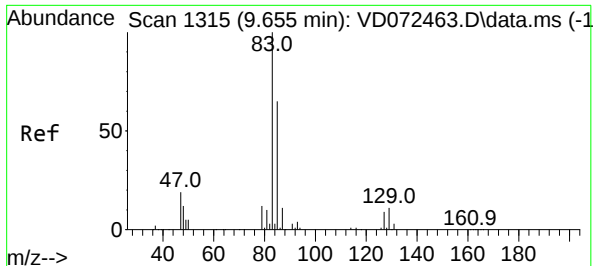
Tgt Ion: 43 Resp: 49758
Ion Ratio Lower Upper
43 100
61 0.3 22.4 33.6#
87 0.0 8.7 13.1#



#45
1,2-Dichloropropane
Concen: 4.463 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. -0.035 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

Tgt Ion: 63 Resp: 14180
Ion Ratio Lower Upper
63 100
65 198.4 26.2 39.4#

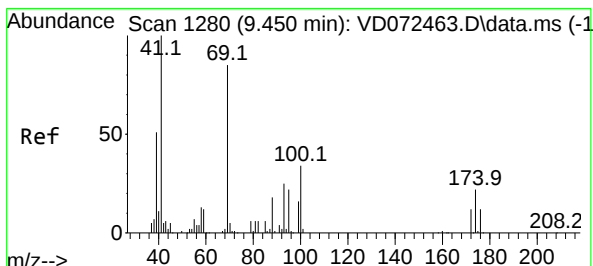
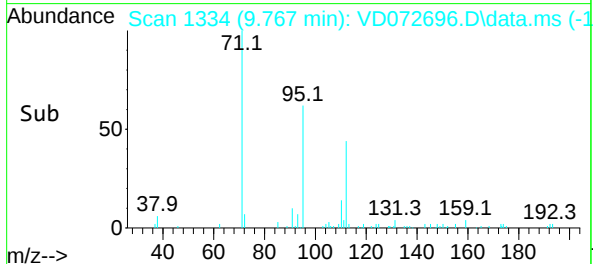
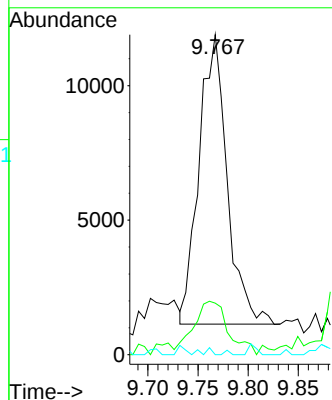
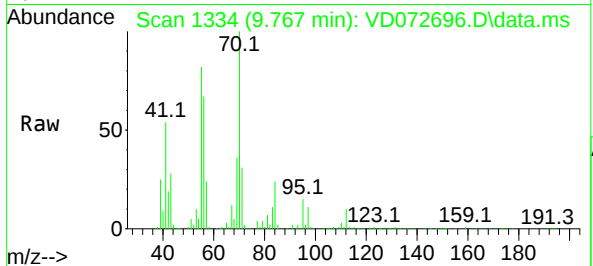




#47
Bromodichloromethane
Concen: 4.388 ug/l
RT: 9.767 min Scan# 11
Delta R.T. 0.112 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

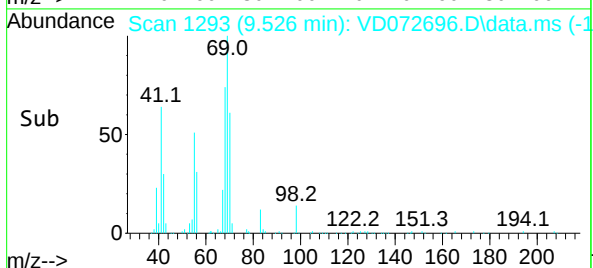
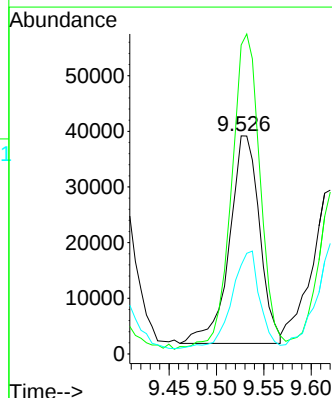
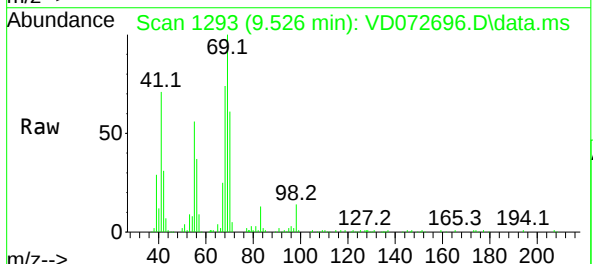
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3

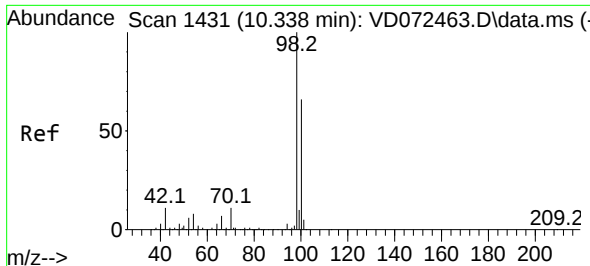
Tgt Ion: 83 Resp: 21013
Ion Ratio Lower Upper
83 100
85 15.1 51.4 77.0#
127 0.0 6.1 9.1#



#48
Methyl methacrylate
Concen: 51.211 ug/l
RT: 9.526 min Scan# 1293
Delta R.T. 0.077 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

Tgt Ion: 41 Resp: 82638
Ion Ratio Lower Upper
41 100
69 140.7 56.7 85.1#
39 43.6 42.7 64.1

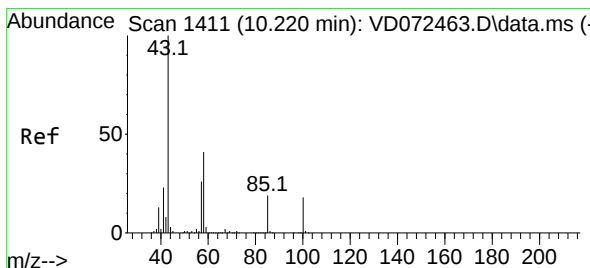
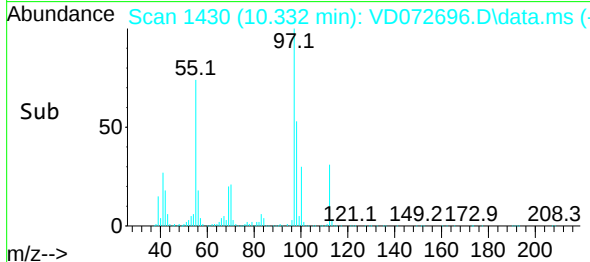
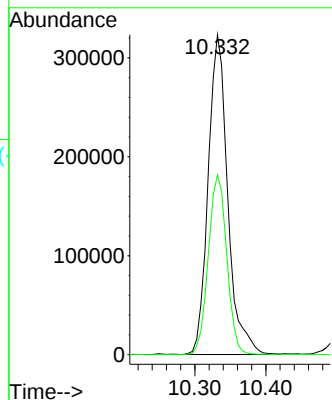
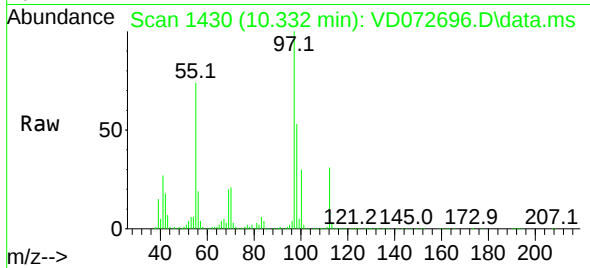




#50
Toluene-d8
Concen: 54.433 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

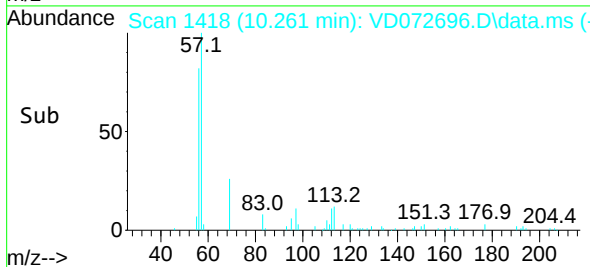
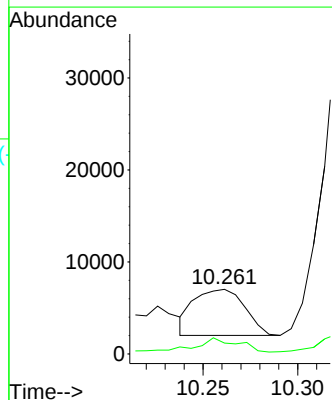
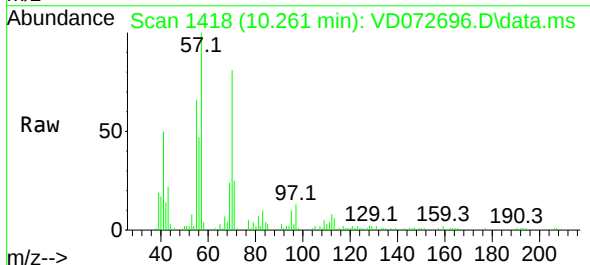
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3

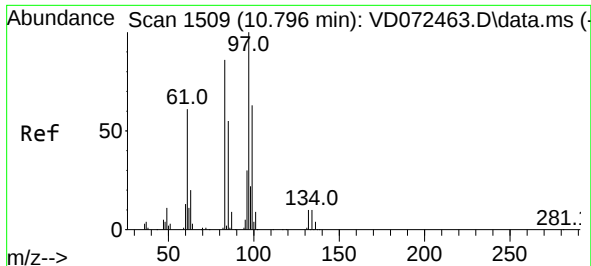
Tgt Ion: 98 Resp: 618762
Ion Ratio Lower Upper
98 100
100 53.1 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 5.250 ug/l
RT: 10.261 min Scan# 1418
Delta R.T. 0.041 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

Tgt Ion: 43 Resp: 9364
Ion Ratio Lower Upper
43 100
58 36.5 28.6 43.0

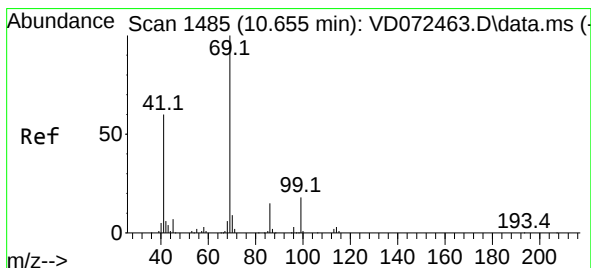
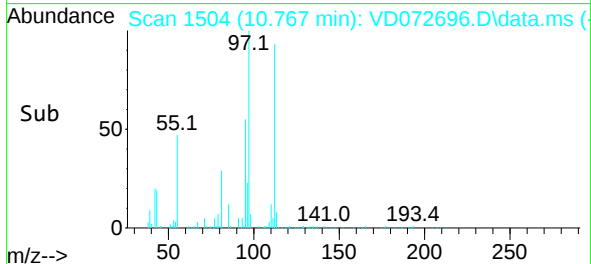
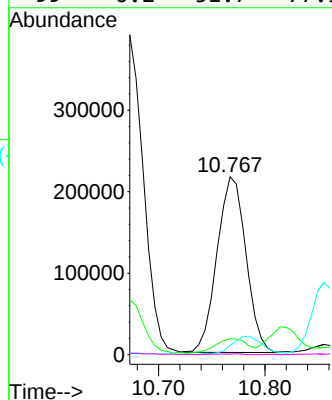
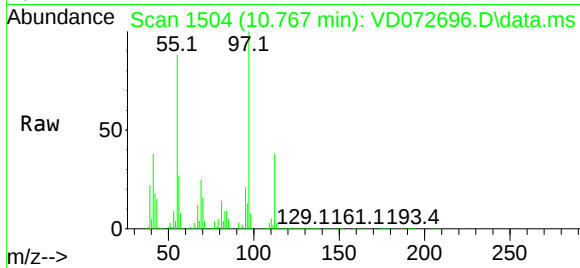




#55
1,1,2-Trichloroethane
Concen: 161.155 ug/l
RT: 10.767 min Scan# 1504
Delta R.T. -0.029 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

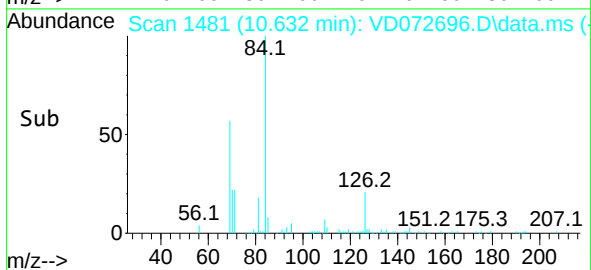
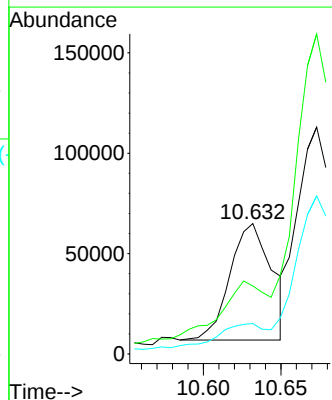
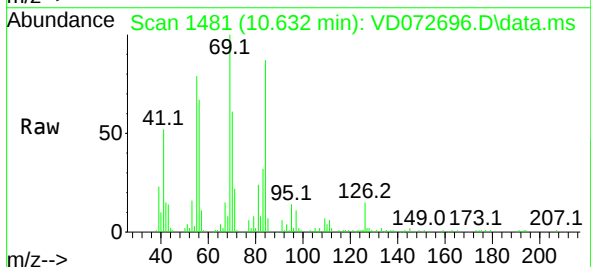
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3

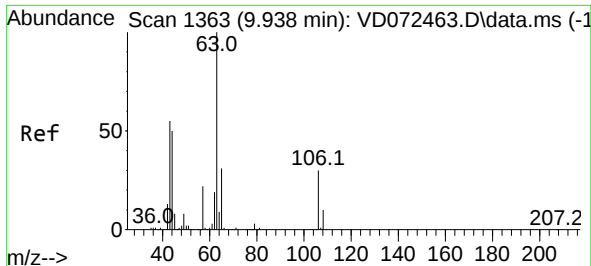
Tgt Ion: 97 Resp: 407228
Ion Ratio Lower Upper
97 100
83 7.7 69.0 103.4#
85 5.1 42.6 63.8#
99 0.2 51.7 77.5#



#56
Ethyl methacrylate
Concen: 35.226 ug/l
RT: 10.632 min Scan# 1481
Delta R.T. -0.023 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

Tgt Ion: 69 Resp: 108328
Ion Ratio Lower Upper
69 100
41 65.4 63.0 94.6
39 27.8 33.8 50.8#

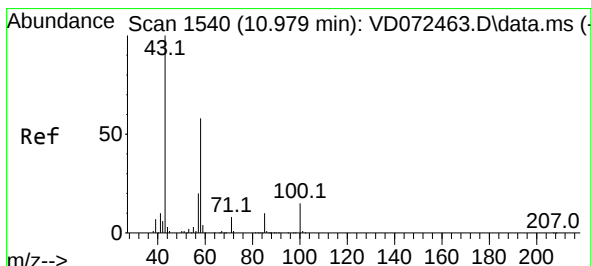
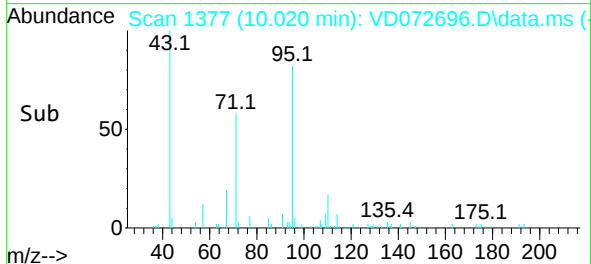
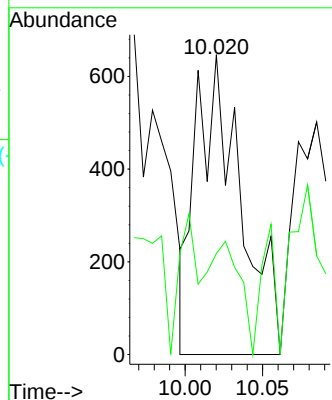
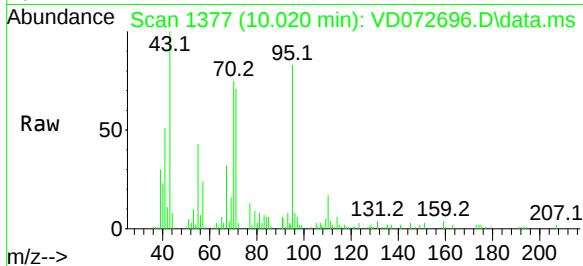




#58
2-Chloroethyl Vinyl ether
Concen: 1.032 ug/l
RT: 10.020 min Scan# 11
Delta R.T. 0.082 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

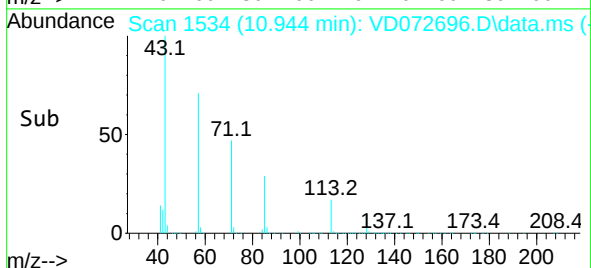
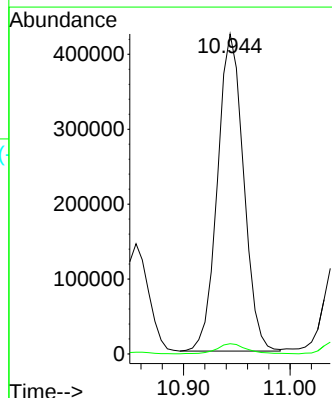
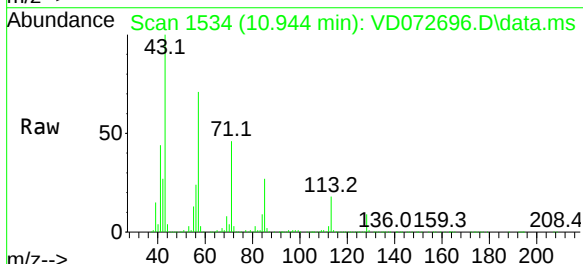
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3

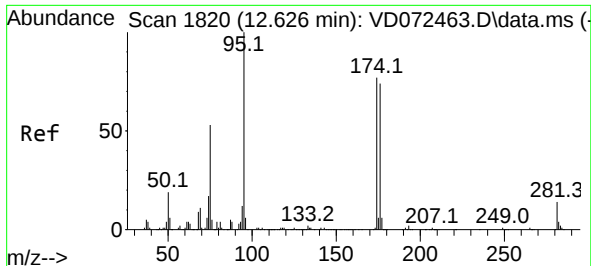
Tgt Ion: 63 Resp: 1288
Ion Ratio Lower Upper
63 100
106 22.0 21.4 32.0



#59
2-Hexanone
Concen: 593.398 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.035 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

Tgt Ion: 43 Resp: 719669
Ion Ratio Lower Upper
43 100
58 3.6 25.3 75.9#

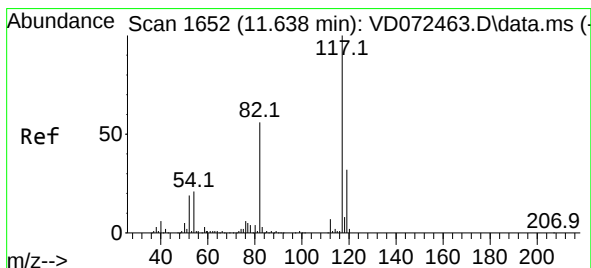
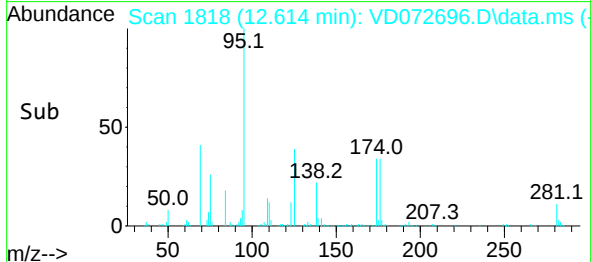
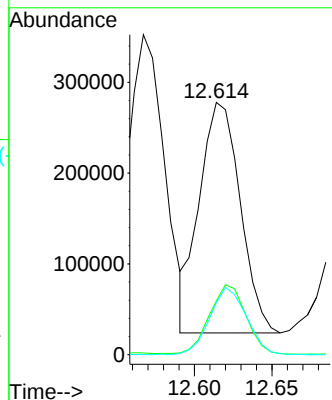
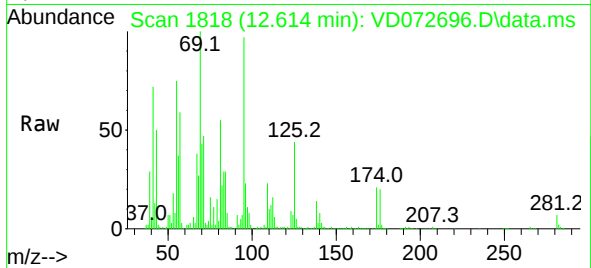




#62
4-Bromofluorobenzene
Concen: 105.102 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.012 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

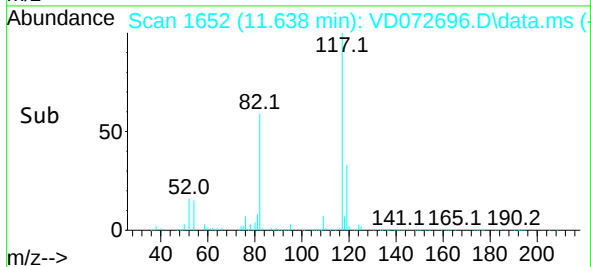
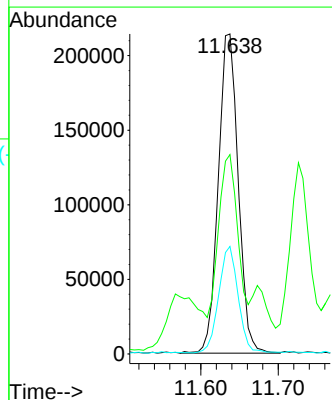
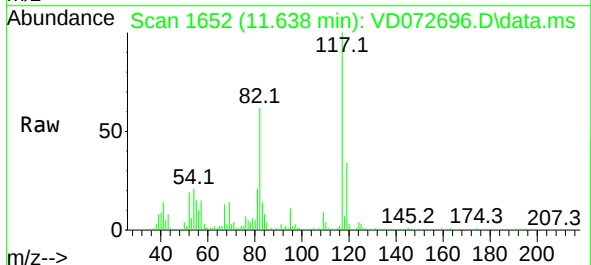
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3

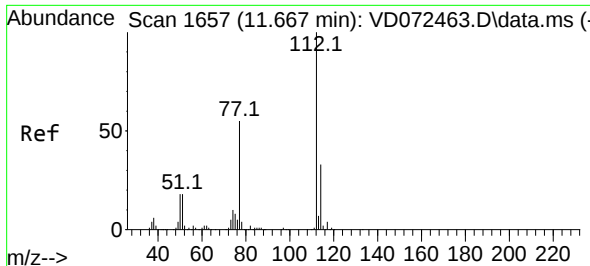
Tgt Ion: 95 Resp: 466594
Ion Ratio Lower Upper
95 100
174 26.8 0.0 152.8
176 26.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

Tgt Ion: 117 Resp: 383777
Ion Ratio Lower Upper
117 100
82 53.1 45.3 67.9
119 33.2 26.6 40.0

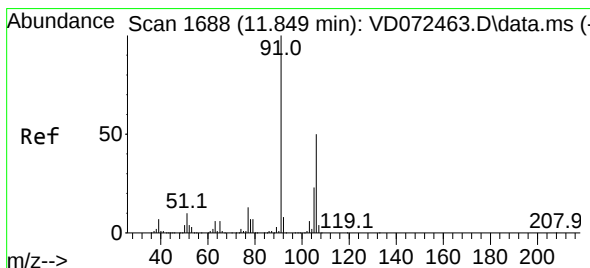
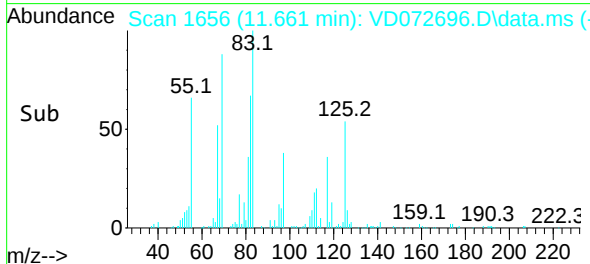
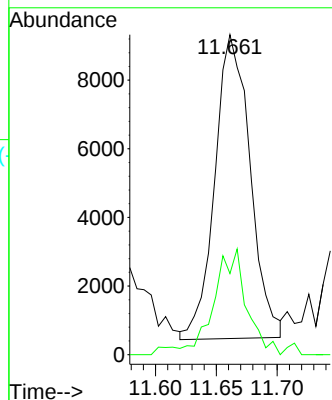
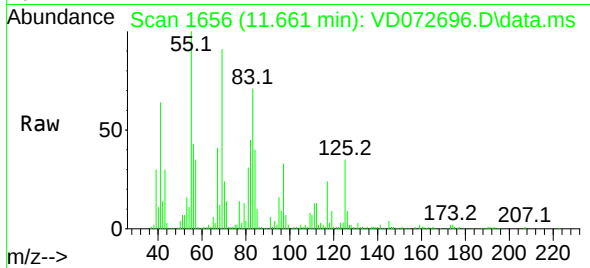




#65
Chlorobenzene
Concen: 2.083 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

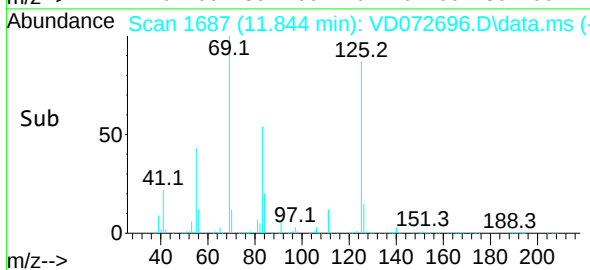
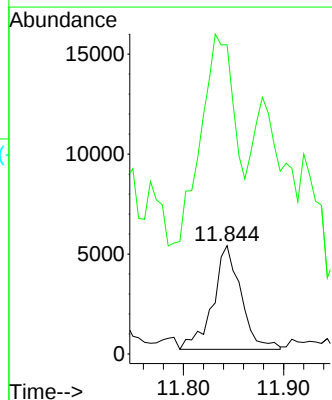
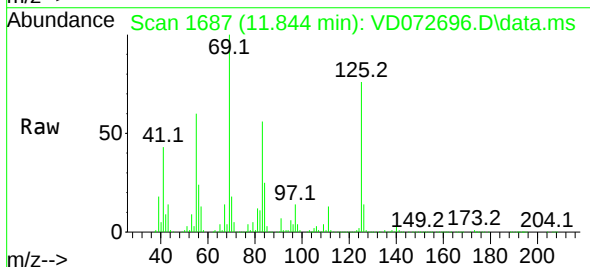
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3

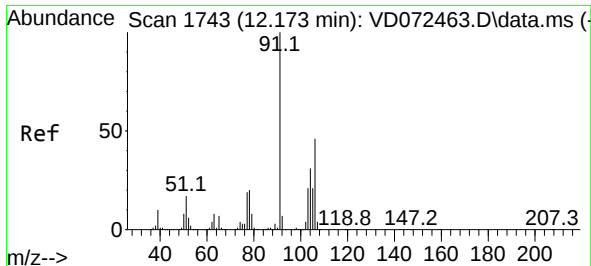
Tgt Ion:112 Resp: 17875
Ion Ratio Lower Upper
112 100
114 27.3 25.8 38.6



#68
m/p-Xylenes
Concen: 1.776 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

Tgt Ion:106 Resp: 10089
Ion Ratio Lower Upper
106 100
91 241.8 163.7 245.5

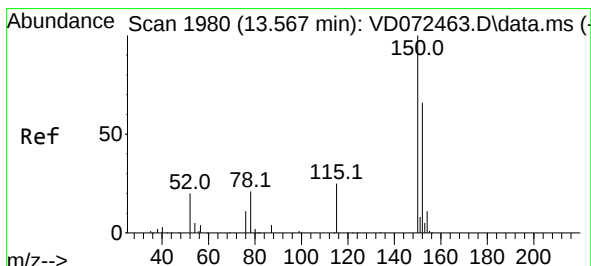
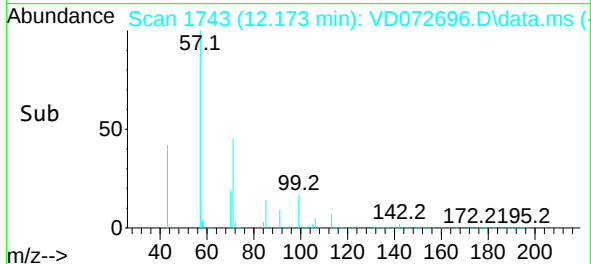
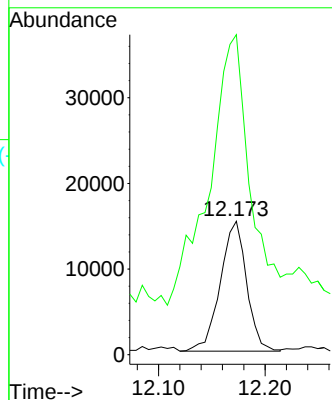
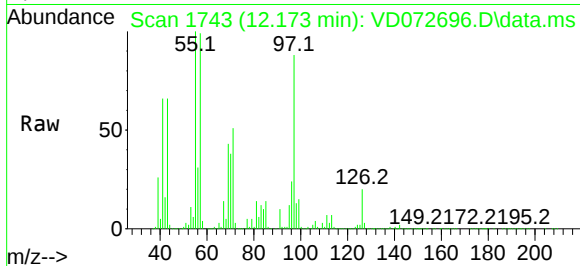




#69
o-Xylene
Concen: 4.747 ug/l
RT: 12.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

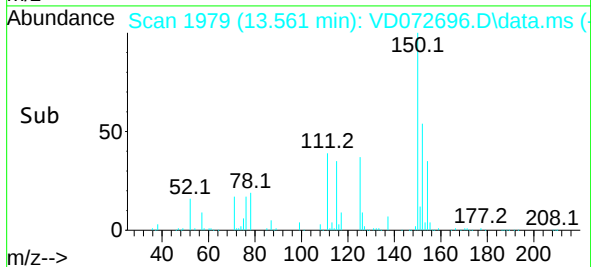
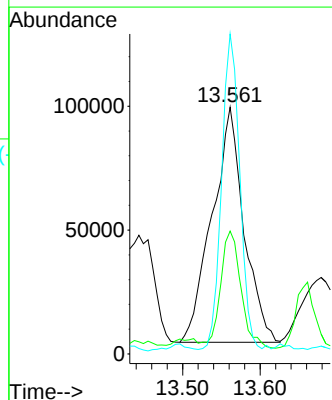
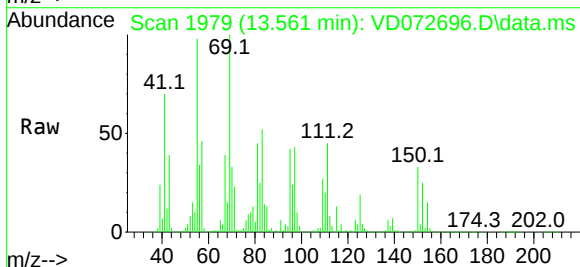
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3

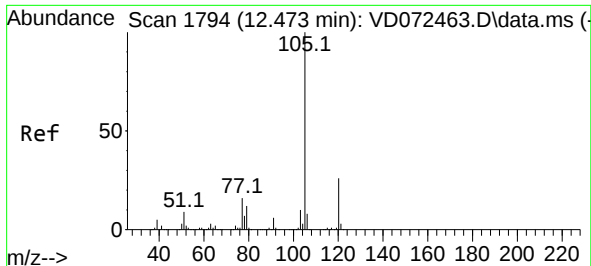
Tgt Ion:106 Resp: 26014
Ion Ratio Lower Upper
106 100
91 323.3 110.4 331.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

Tgt Ion:152 Resp: 271411
Ion Ratio Lower Upper
152 100
115 31.5 31.3 93.8
150 76.2 0.0 348.6

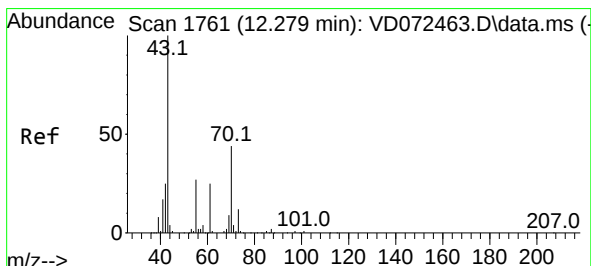
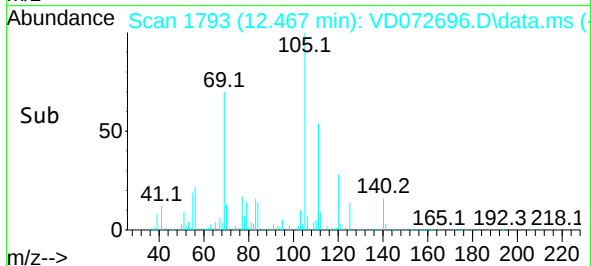
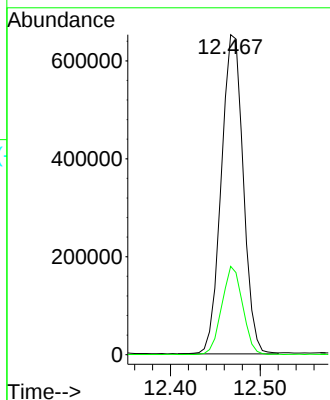
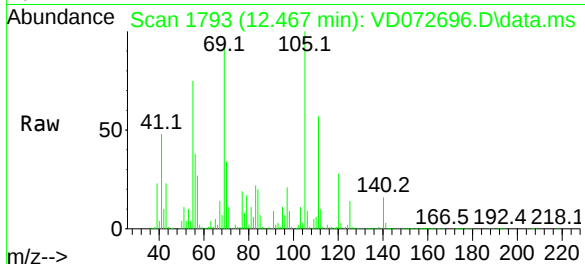




#73
Isopropylbenzene
Concen: 50.643 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

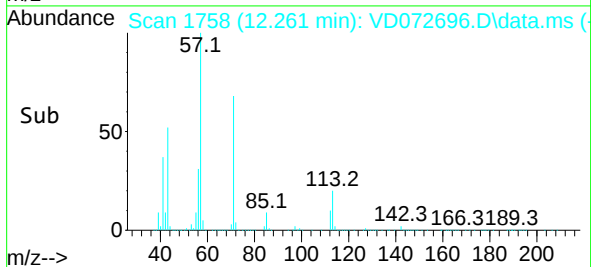
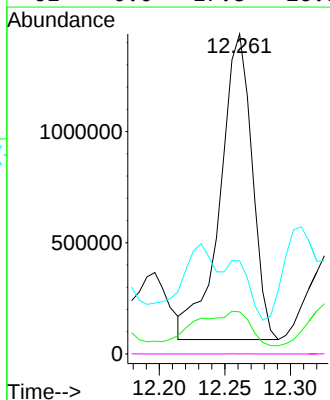
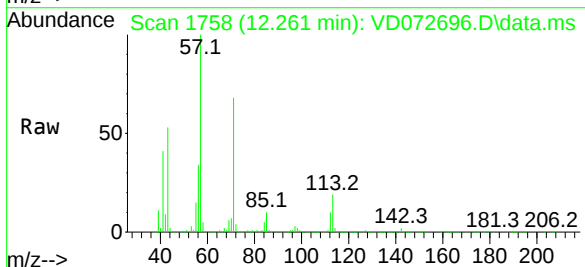
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3

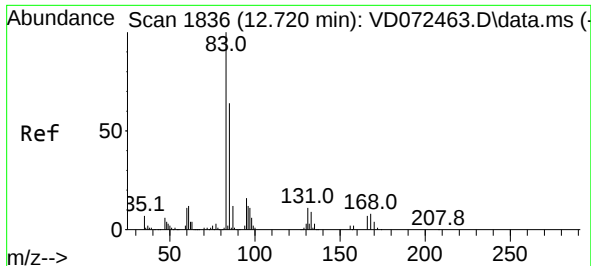
Tgt Ion:105 Resp: 1110066
Ion Ratio Lower Upper
105 100
120 26.1 13.0 38.9



#74
N-ethyl acetate
Concen: 507.753 ug/l
RT: 12.261 min Scan# 1758
Delta R.T. -0.018 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

Tgt Ion: 43 Resp: 2335221
Ion Ratio Lower Upper
43 100
70 19.1 31.3 46.9#
55 0.0 20.0 30.0#
61 0.0 17.8 26.8#

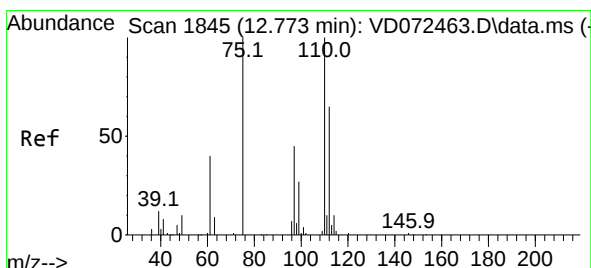
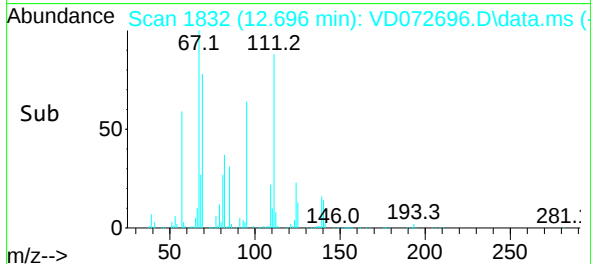
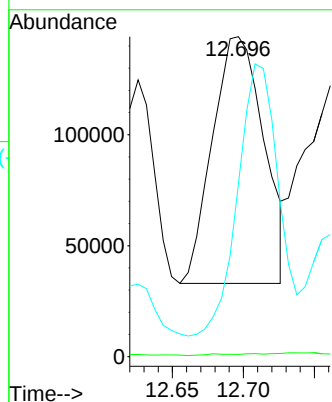
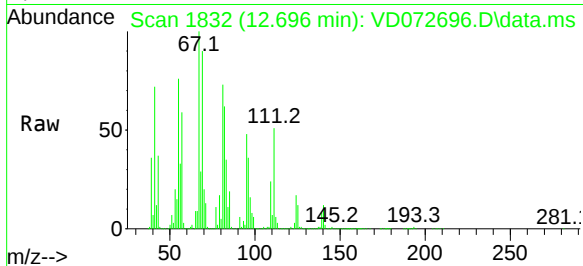




#75
 1,1,2,2-Tetrachloroethane
 Concen: 67.371 ug/l
 RT: 12.696 min Scan# 1832
 Delta R.T. -0.023 min
 Lab File: VD072696.D
 Acq: 22 Apr 2022 16:11

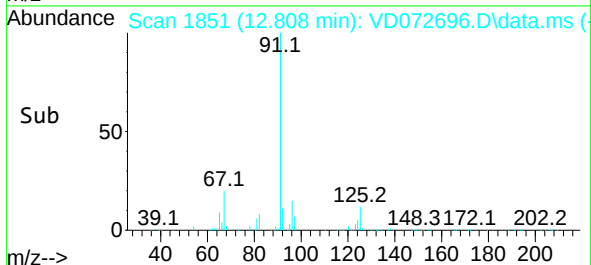
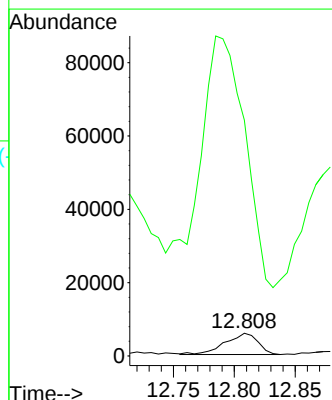
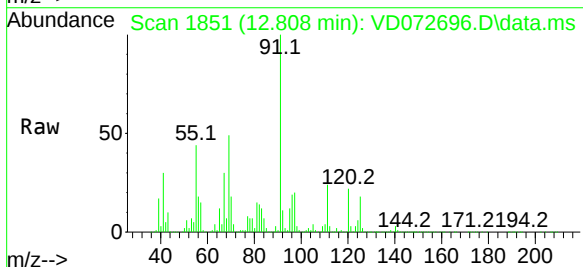
Instrument :
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 ClientSampleId :
 WC-16-1A-3

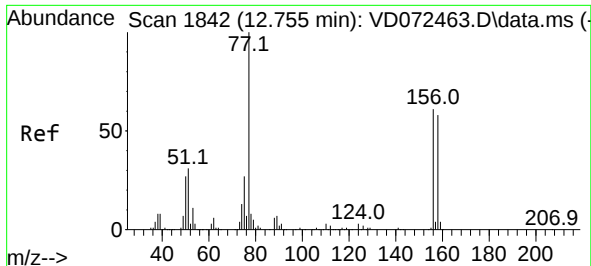
Tgt Ion: 83 Resp: 279710
 Ion Ratio Lower Upper
 83 100
 131 0.3 5.0 14.9#
 85 86.9 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 3.682 ug/l
 RT: 12.808 min Scan# 1851
 Delta R.T. 0.035 min
 Lab File: VD072696.D
 Acq: 22 Apr 2022 16:11

Tgt Ion: 75 Resp: 10899
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

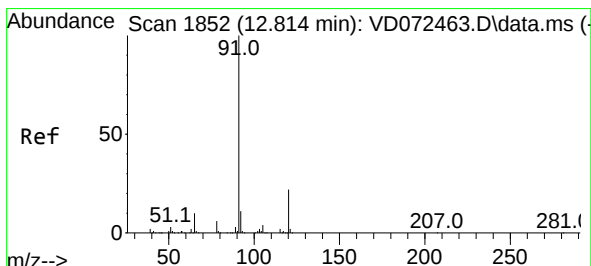
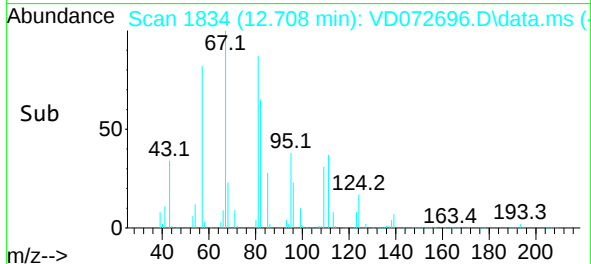
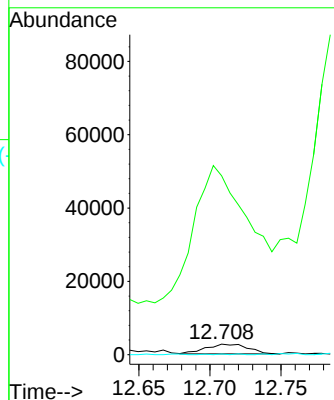
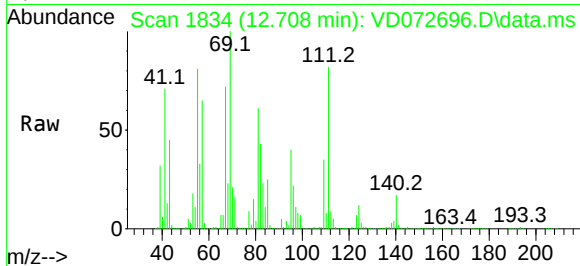




#77
Bromobenzene
Concen: 1.132 ug/l
RT: 12.708 min Scan# 1834
Delta R.T. -0.047 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

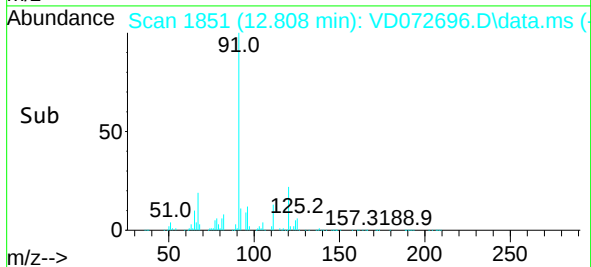
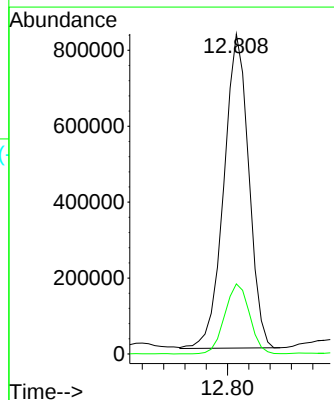
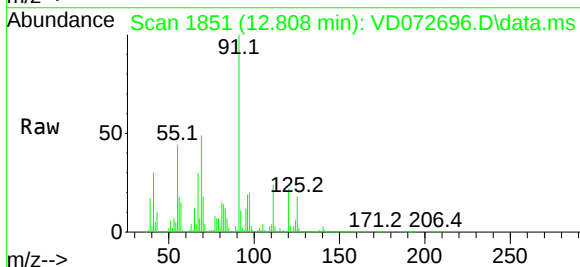
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3

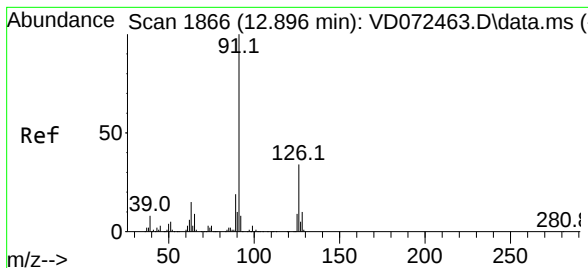
Tgt Ion:156 Resp: 5563
Ion Ratio Lower Upper
156 100
77 1819.8 102.8 308.3#
158 1.2 48.7 146.1#



#78
n-propylbenzene
Concen: 50.815 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

Tgt Ion: 91 Resp: 1343703
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.9

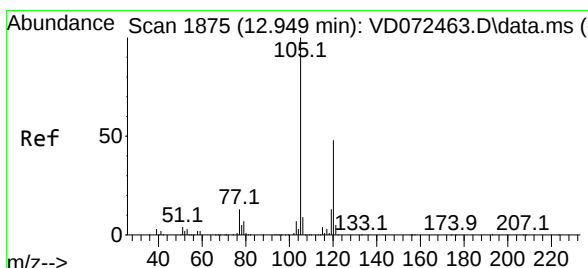
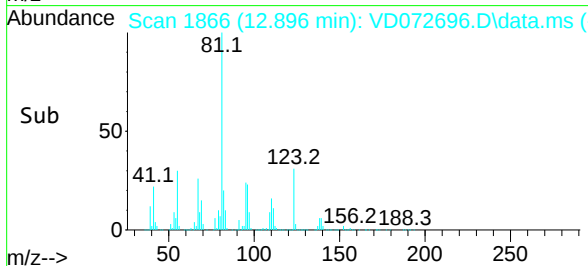
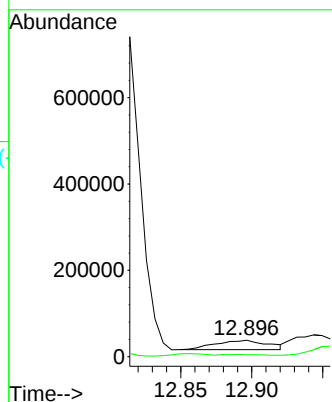
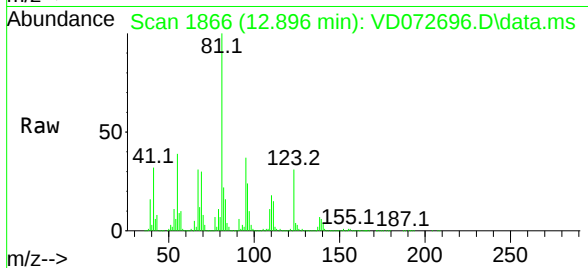




#79
2-Chlorotoluene
Concen: 3.576 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

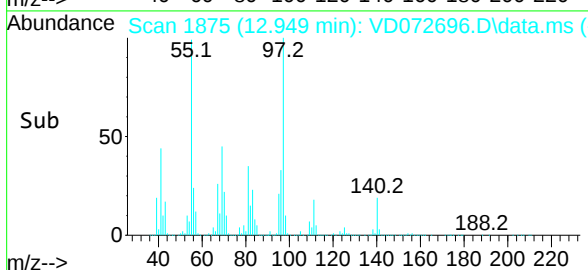
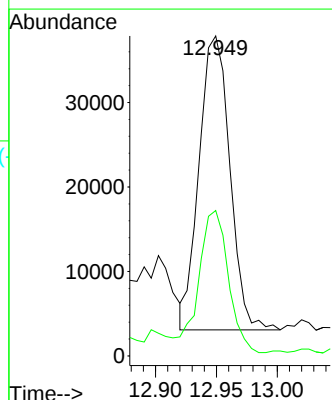
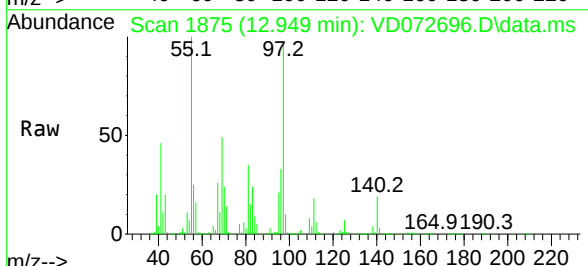
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3

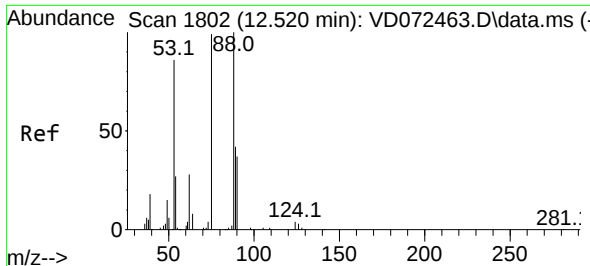
Tgt Ion: 91 Resp: 55301
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.6#



#80
1,3,5-Trimethylbenzene
Concen: 3.252 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

Tgt Ion: 105 Resp: 61047
Ion Ratio Lower Upper
105 100
120 46.6 24.3 72.8

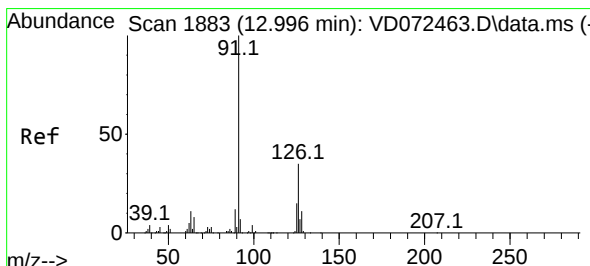
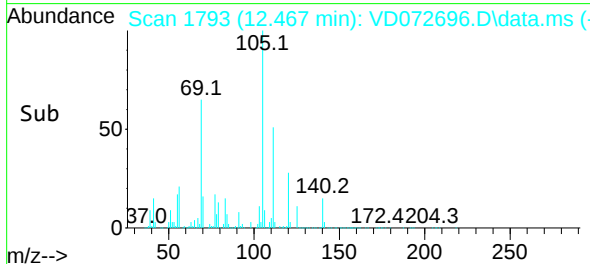
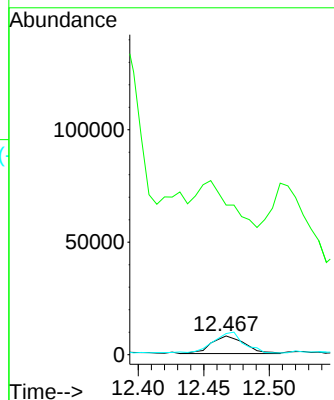
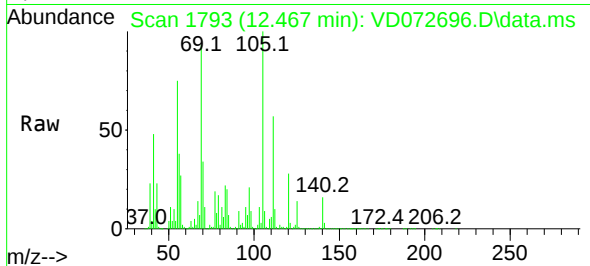




#81
trans-1,4-Dichloro-2-butene
Concen: 11.409 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.053 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

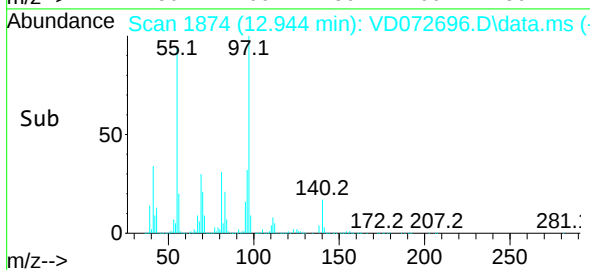
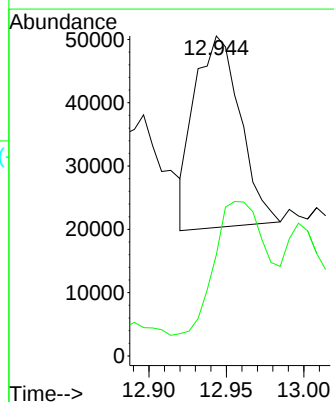
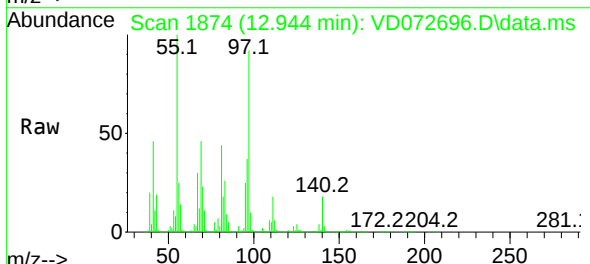
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3

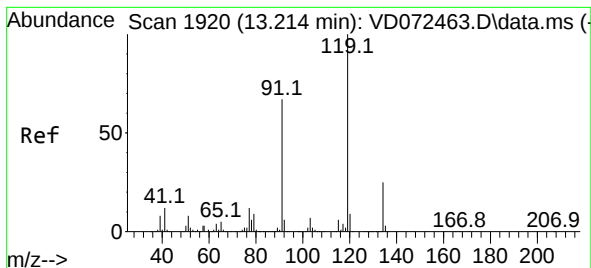
Tgt Ion: 75 Resp: 13763
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 105.9 33.9 50.9#



#82
4-Chlorotoluene
Concen: 3.843 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. -0.053 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

Tgt Ion: 91 Resp: 61900
Ion Ratio Lower Upper
91 100
126 81.4 16.5 49.5#





#83

tert-Butylbenzene

Concen: 11.272 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. -0.006 min

Lab File: VD072696.D

Acq: 22 Apr 2022 16:11

Instrument :

MSVOA_D

ClientSampleId :

WC-16-1A-3

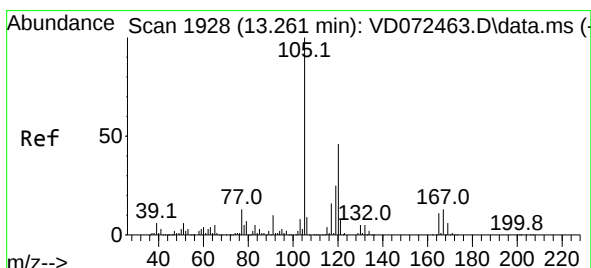
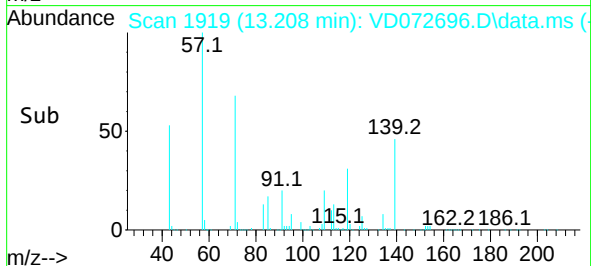
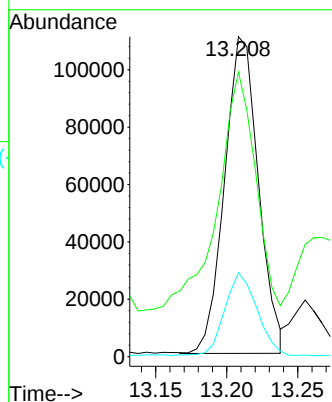
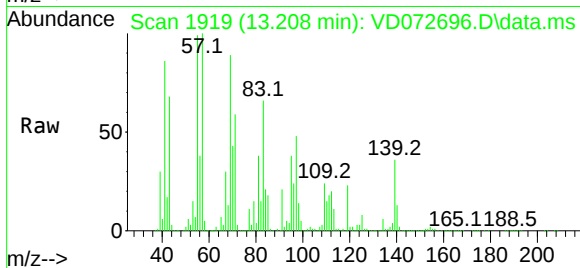
Tgt Ion:119 Resp: 183199

Ion Ratio Lower Upper

119 100

91 82.9 34.8 104.5

134 25.0 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 11.426 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. -0.006 min

Lab File: VD072696.D

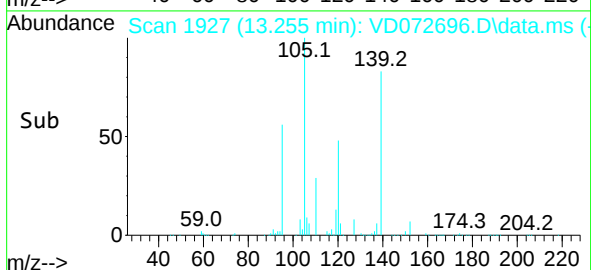
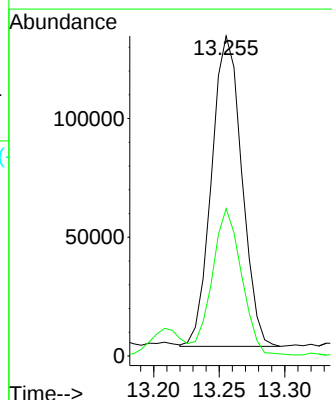
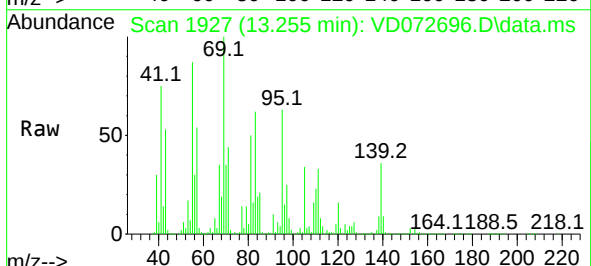
Acq: 22 Apr 2022 16:11

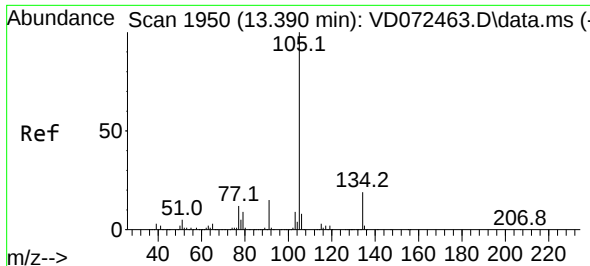
Tgt Ion:105 Resp: 209748

Ion Ratio Lower Upper

105 100

120 45.8 22.3 66.8

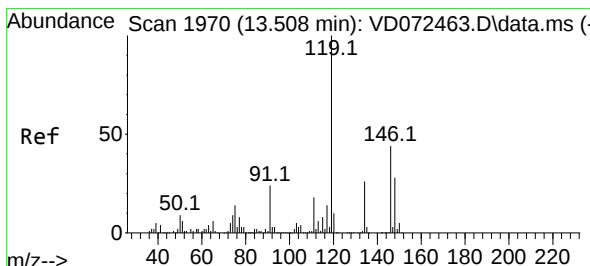
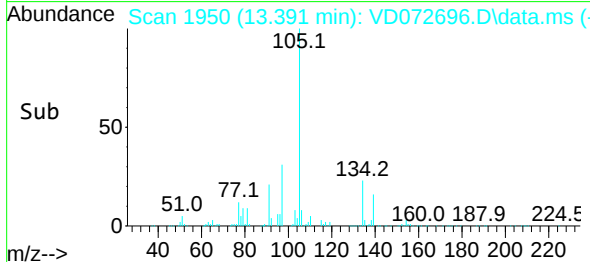
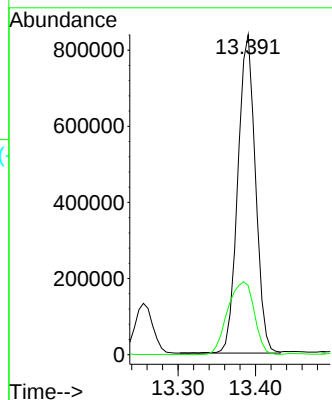
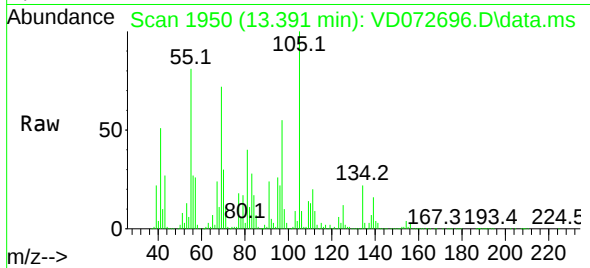




#85
 sec-Butylbenzene
 Concen: 53.999 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072696.D
 Acq: 22 Apr 2022 16:11

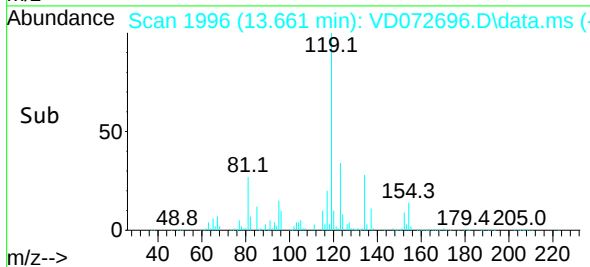
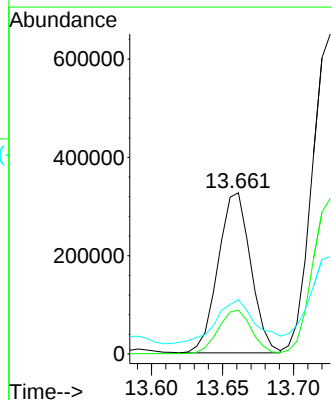
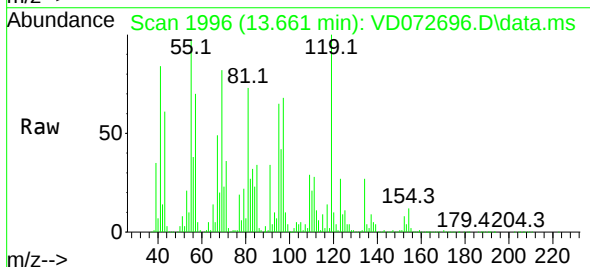
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-16-1A-3

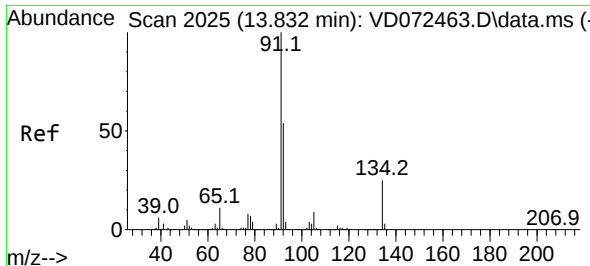
Tgt Ion:105 Resp: 1321902
 Ion Ratio Lower Upper
 105 100
 134 34.5 9.8 29.3#



#86
 p-Isopropyltoluene
 Concen: 26.011 ug/l
 RT: 13.661 min Scan# 1996
 Delta R.T. 0.153 min
 Lab File: VD072696.D
 Acq: 22 Apr 2022 16:11

Tgt Ion:119 Resp: 520456
 Ion Ratio Lower Upper
 119 100
 134 27.7 12.9 38.6
 91 33.2 12.1 36.3

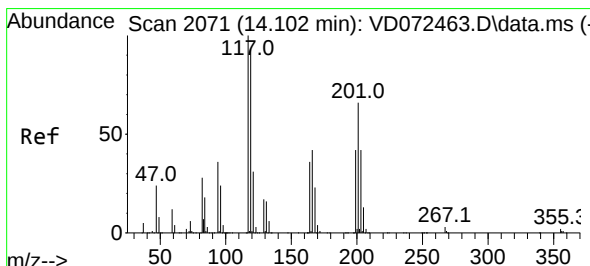
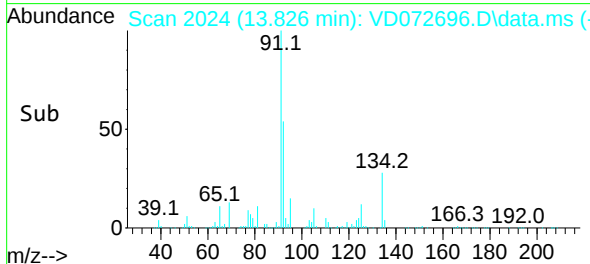
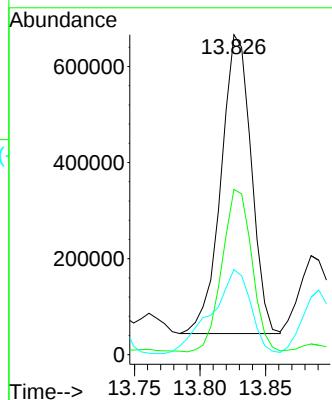
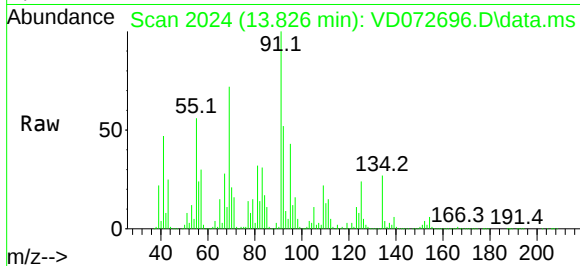




#89
n-Butylbenzene
Concen: 52.325 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.006 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

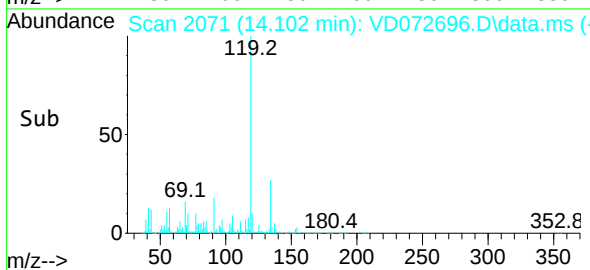
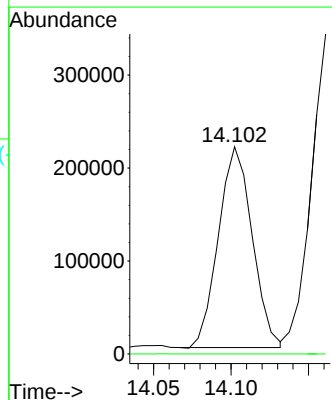
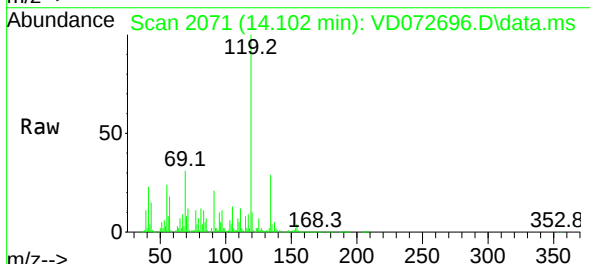
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3

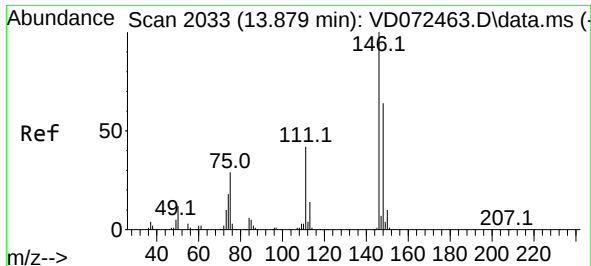
Tgt Ion: 91 Resp: 997383
Ion Ratio Lower Upper
91 100
92 53.4 26.6 79.8
134 37.1 12.3 36.9#



#90
Hexachloroethane
Concen: 79.860 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.000 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

Tgt Ion:117 Resp: 327124
Ion Ratio Lower Upper
117 100
201 0.0 33.4 100.2#

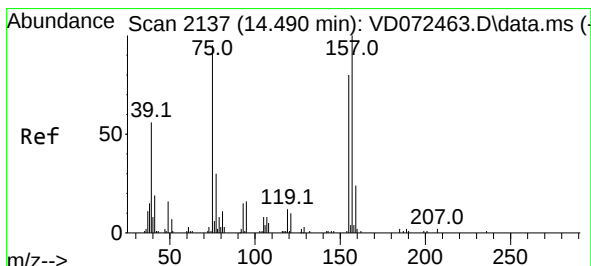
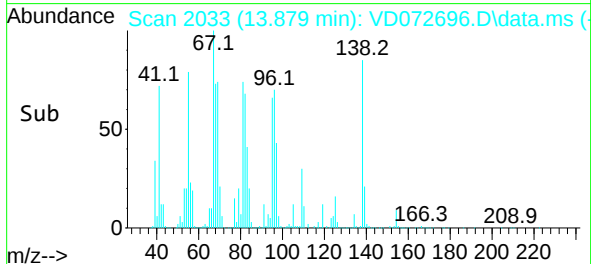
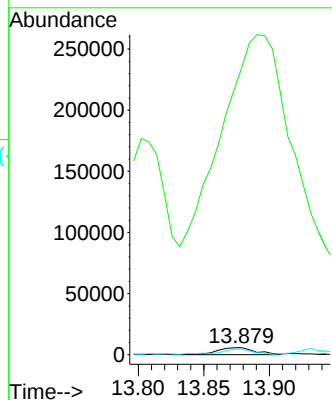
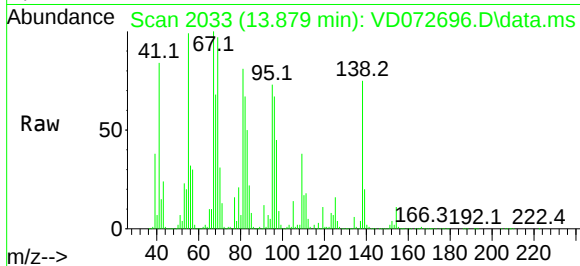




#91
1,2-Dichlorobenzene
Concen: 1.301 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

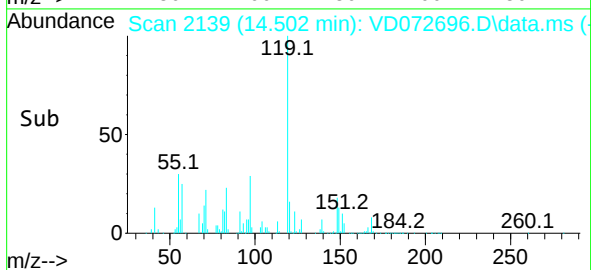
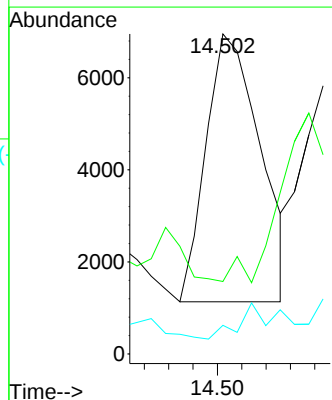
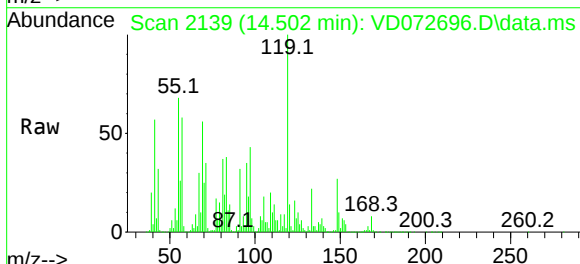
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3

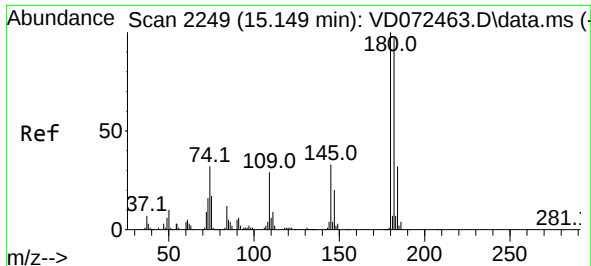
Tgt Ion:146 Resp: 11682
Ion Ratio Lower Upper
146 100
111 6689.1 21.1 63.3#
148 60.2 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 14.679 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.012 min
Lab File: VD072696.D
Acq: 22 Apr 2022 16:11

Tgt Ion: 75 Resp: 9013
Ion Ratio Lower Upper
75 100
155 0.0 36.8 110.3#
157 9.7 48.4 145.0#

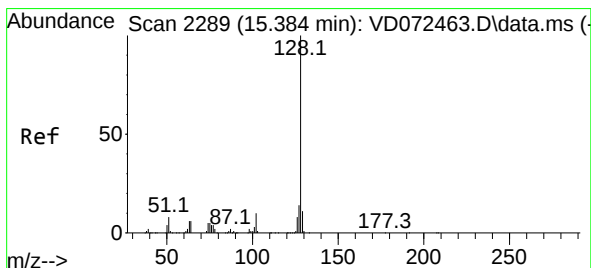
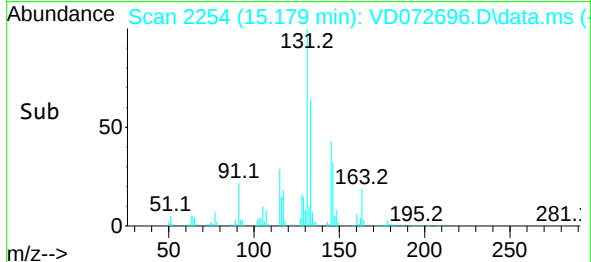
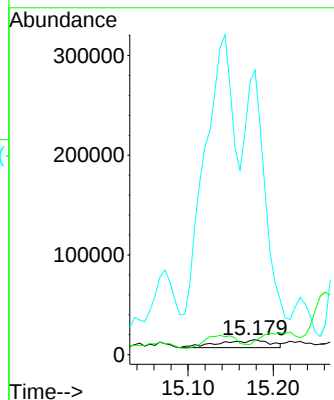
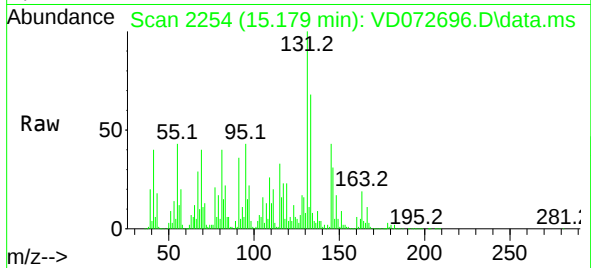




#93
 1,2,4-Trichlorobenzene
 Concen: 5.637 ug/l
 RT: 15.179 min Scan# 21
 Delta R.T. 0.029 min
 Lab File: VD072696.D
 Acq: 22 Apr 2022 16:11

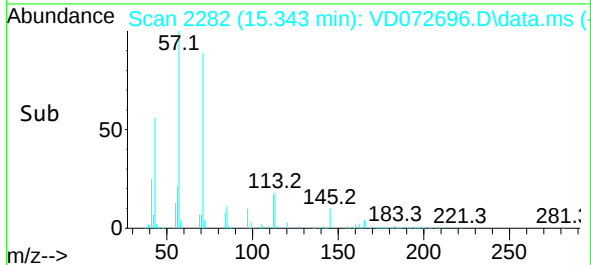
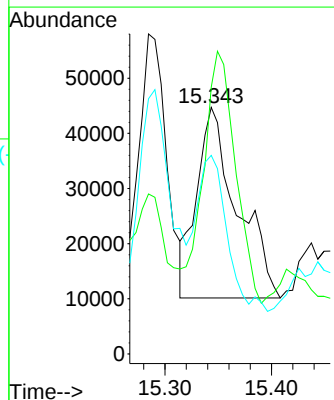
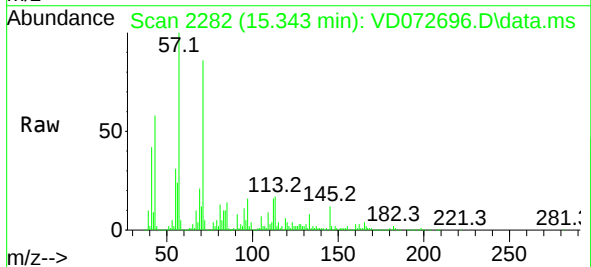
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-16-1A-3

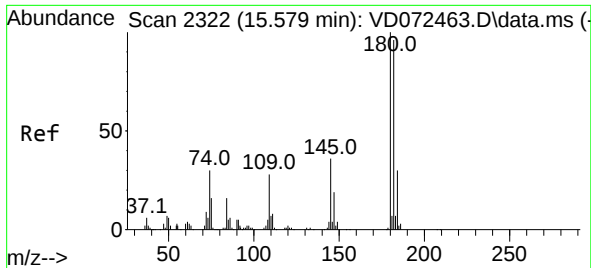
Tgt Ion:180 Resp: 31375
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 142.0#
 145 1620.8 16.2 48.5#



#95
 Naphthalene
 Concen: 8.471 ug/l
 RT: 15.343 min Scan# 2282
 Delta R.T. -0.041 min
 Lab File: VD072696.D
 Acq: 22 Apr 2022 16:11

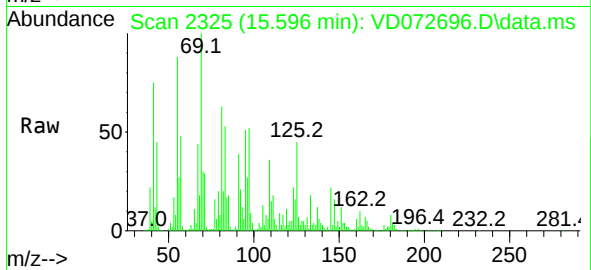
Tgt Ion:128 Resp: 91613
 Ion Ratio Lower Upper
 128 100
 127 104.9 10.3 15.5#
 129 61.6 8.4 12.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 4.338 ug/l
 RT: 15.596 min Scan# 21072
 Delta R.T. 0.018 min
 Lab File: VD072696.D
 Acq: 22 Apr 2022 16:11

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



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

