

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031622\
 Data File : VD072218.D
 Acq On : 16 Mar 2022 15:08
 Operator : VA/SY
 Sample : N1908-03
 Misc : 4.43G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-8-9-2RE

Quant Time: Mar 16 15:37:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	417486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	678734	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	696240	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	425229	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	207392	44.575	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.160%
35) Dibromofluoromethane	7.908	113	207188	43.378	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.760%
50) Toluene-d8	10.332	98	953017	54.568	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.140%
62) 4-Bromofluorobenzene	12.620	95	590292	86.987	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	173.980%#

Target Compounds						Qvalue
10) Methyl Iodide	4.309	142	1272	2.511	ug/l	# 62
11) Tert butyl alcohol	5.214	59	1478	5.479	ug/l	# 74
13) Acrolein	4.132	56	19331	80.306	ug/l	# 80
14) Allyl chloride	4.944	41	184896	27.561	ug/l	# 58
15) Acrylonitrile	5.485	53	7297	7.000	ug/l	# 34
16) Acetone	4.150	43	137074	135.692	ug/l	# 89
17) Carbon Disulfide	4.409	76	27709	4.504	ug/l	99
18) Methyl Acetate	4.944	43	426332	172.216	ug/l	# 55
20) Methylene Chloride	4.962	84	13839	Below Cal	#	21
25) 2-Butanone	7.208	43	100260	74.438	ug/l	# 76
29) Tetrahydrofuran	7.726	42	14863	18.767	ug/l	# 1
31) Cyclohexane	8.061	56	1787896	245.960	ug/l	# 21
36) 1,1-Dichloropropene	7.979	75	33859	5.053	ug/l	# 51
37) Ethyl Acetate	7.208	43	100260	34.159	ug/l	# 74
38) Carbon Tetrachloride	7.973	117	43539	5.716	ug/l	# 18
39) Methylcyclohexane	9.320	83	1355511	179.774	ug/l	# 29
40) Benzene	8.350	78	19370	1.013	ug/l	98
41) Methacrylonitrile	7.726	41	86162	50.365	ug/l	# 67
43) Isopropyl Acetate	8.444	43	809436	142.083	ug/l	# 54
47) Bromodichloromethane	9.626	83	189262	25.175	ug/l	# 42
48) Methyl methacrylate	9.485	41	65045	23.912	ug/l	# 19
51) 4-Methyl-2-Pentanone	10.226	43	62037	20.733	ug/l	# 39
55) 1,1,2-Trichloroethane	10.767	97	2153284	548.123	ug/l	# 20
56) Ethyl methacrylate	10.673	69	934918	203.182	ug/l	# 22
58) 2-Chloroethyl Vinyl ether	9.926	63	4947	2.391	ug/l	# 48
59) 2-Hexanone	10.949	43	903660	437.271	ug/l	# 33
60) Dibromochloromethane	11.055	129	7147	1.402	ug/l	79
61) 1,2-Dibromoethane	11.238	107	4591	1.293	ug/l	# 1
65) Chlorobenzene	11.661	112	24806	1.607	ug/l	100
68) m/p-Xylenes	11.844	106	25275	2.414	ug/l	# 46
69) o-Xylene	12.173	106	14463	1.444	ug/l	# 1
73) Isopropylbenzene	12.473	105	724924	21.513	ug/l	99
74) N-amyl acetate	12.261	43	1270492	175.444	ug/l	# 45
75) 1,1,2,2-Tetrachloroethane	12.696	83	351249	58.282	ug/l	# 91
76) 1,2,3-Trichloropropane	12.620	75	165919	35.372	ug/l	# 100
78) n-propylbenzene	12.808	91	209967	5.130	ug/l	87

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

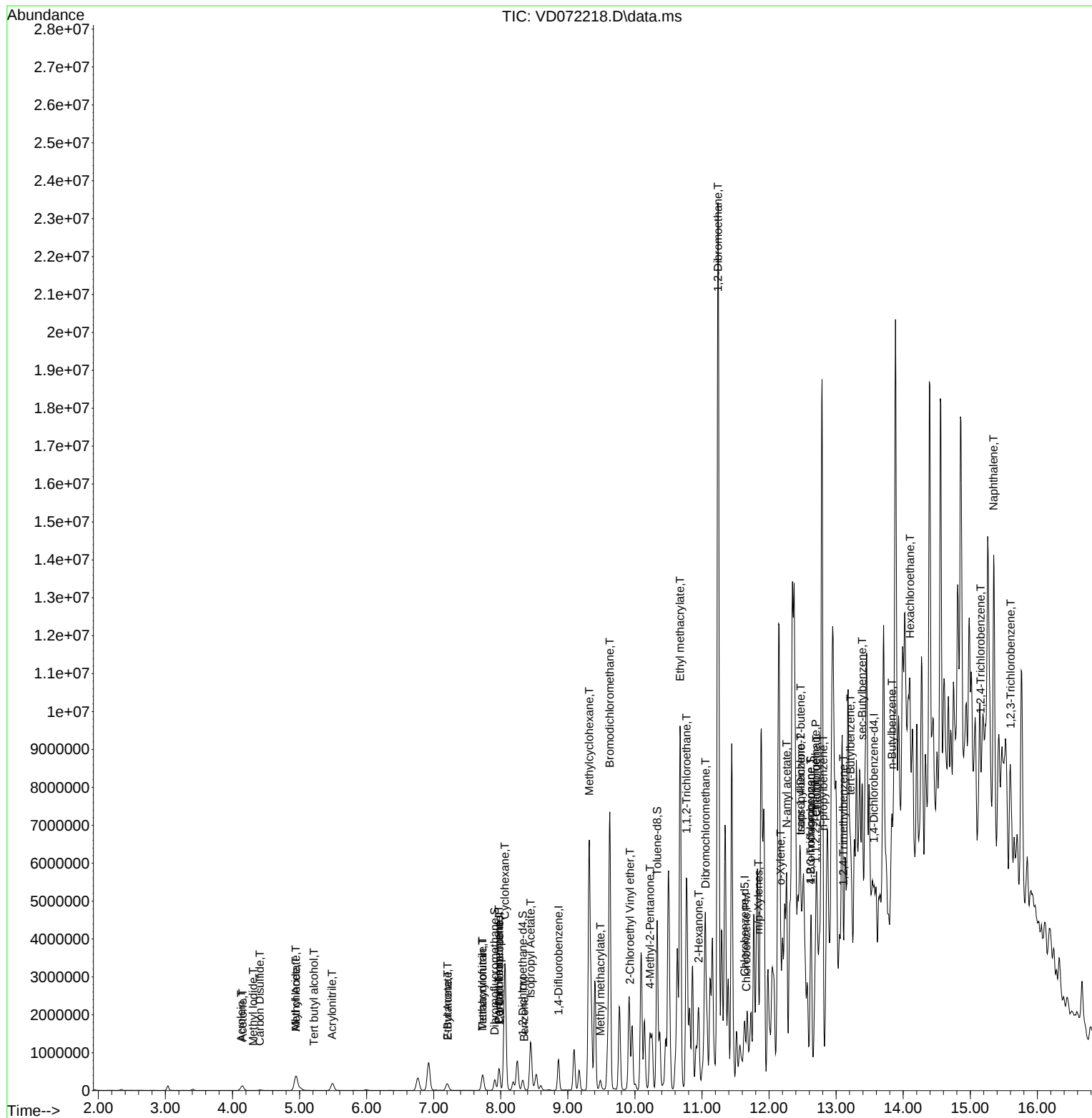
79) 2-Chlorotoluene	12.708	91	50192	2.121	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.473	75	8771	4.639	ug/l #	1
83) tert-Butylbenzene	13.214	119	107410	4.232	ug/l	70
84) 1,2,4-Trimethylbenzene	13.108	105	48518	1.701	ug/l	76
85) sec-Butylbenzene	13.390	105	978184	25.664	ug/l #	75
89) n-Butylbenzene	13.832	91	247846	8.291	ug/l	95
90) Hexachloroethane	14.102	117	9466	1.540	ug/l #	17
93) 1,2,4-Trichlorobenzene	15.155	180	34209	3.728	ug/l #	1
95) Naphthalene	15.349	128	39675	2.509	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.602	180	64756	8.154	ug/l #	12

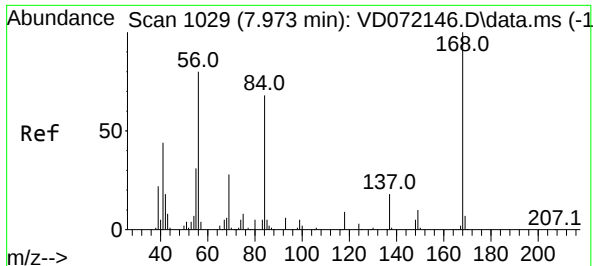
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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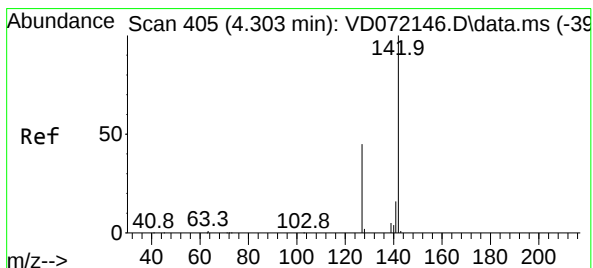
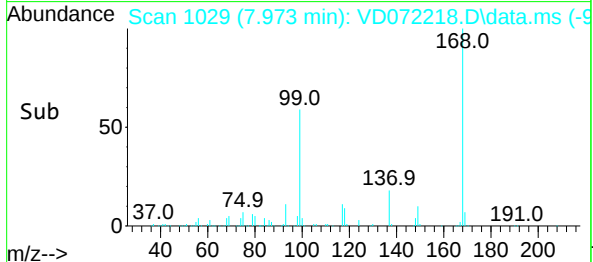
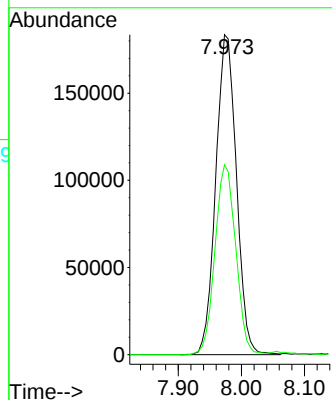
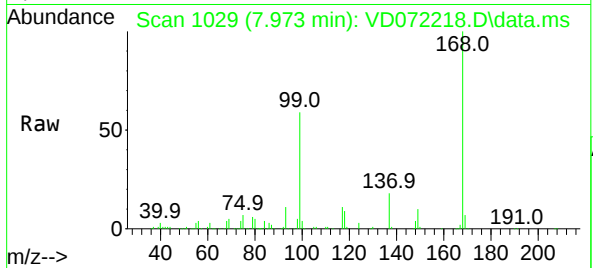




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

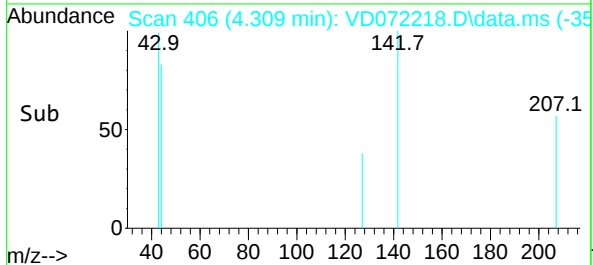
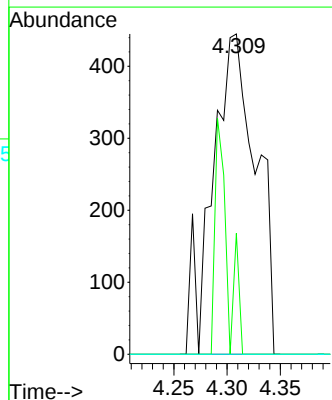
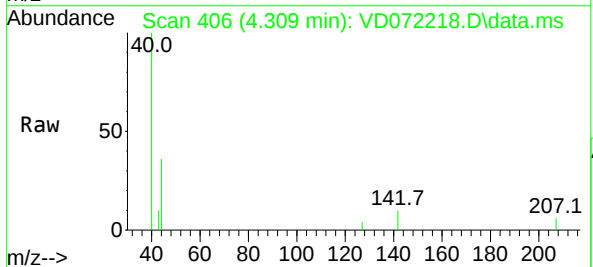
Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-2RE

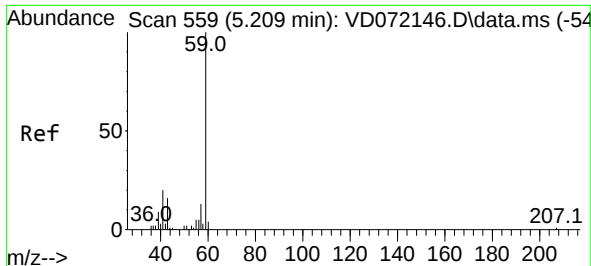
Tgt Ion:168 Resp: 417486
Ion Ratio Lower Upper
168 100
99 59.3 49.8 74.6



#10
Methyl Iodide
Concen: 2.511 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

Tgt Ion:142 Resp: 1272
Ion Ratio Lower Upper
142 100
127 20.7 37.3 55.9#
141 0.0 11.7 17.5#

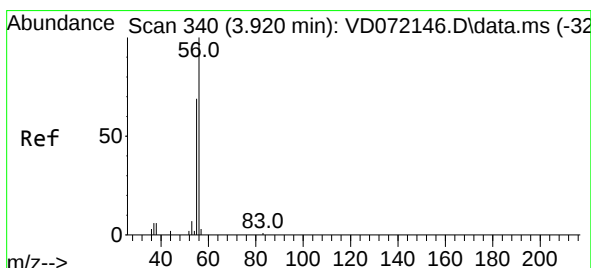
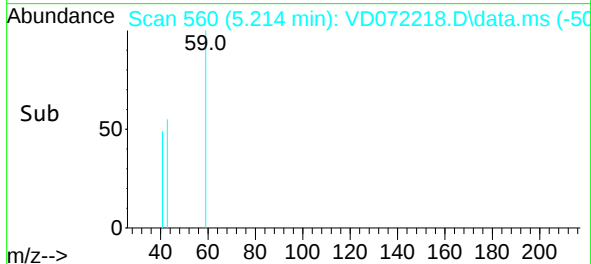
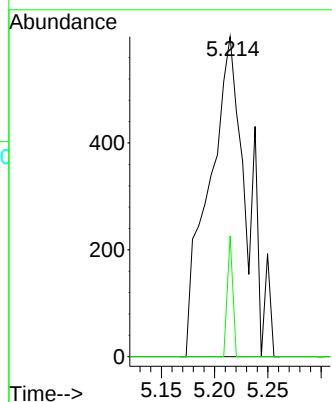
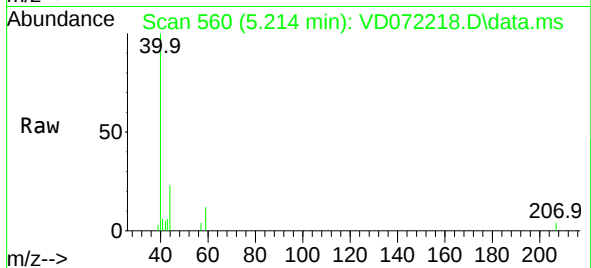




#11
Tert butyl alcohol
Concen: 5.479 ug/l
RT: 5.214 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

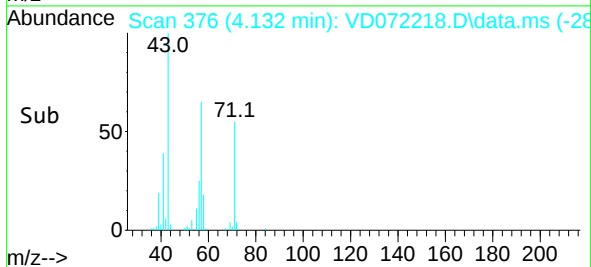
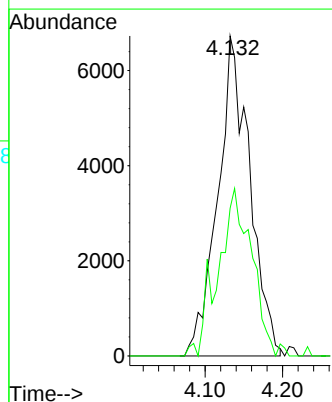
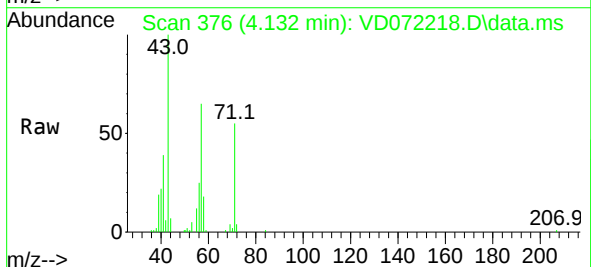
Instrument :
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WC-8-9-2RE

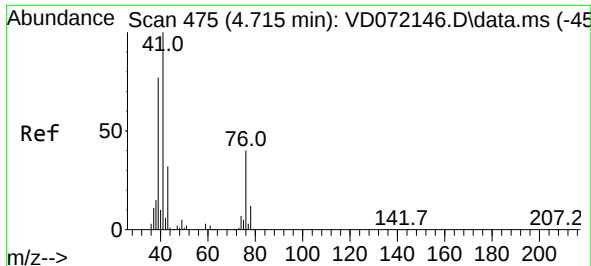
Tgt Ion: 59 Resp: 1478
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#13
Acrolein
Concen: 80.306 ug/l
RT: 4.132 min Scan# 376
Delta R.T. 0.212 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

Tgt Ion: 56 Resp: 19331
Ion Ratio Lower Upper
56 100
55 54.9 57.1 85.7#

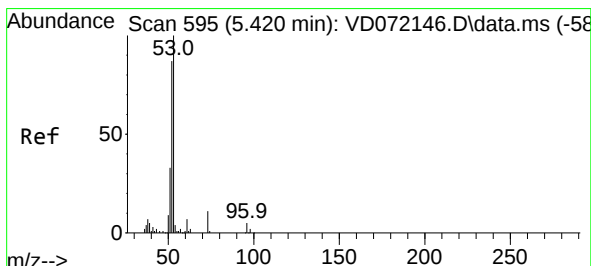
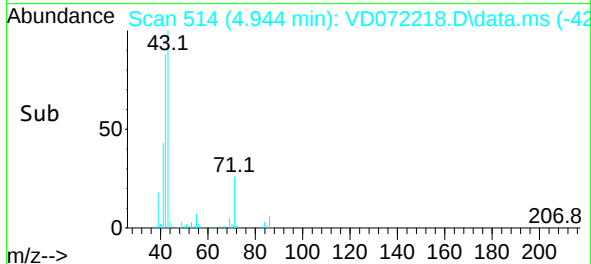
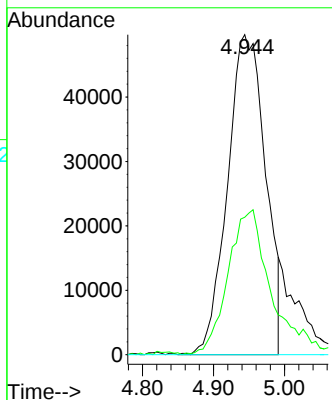
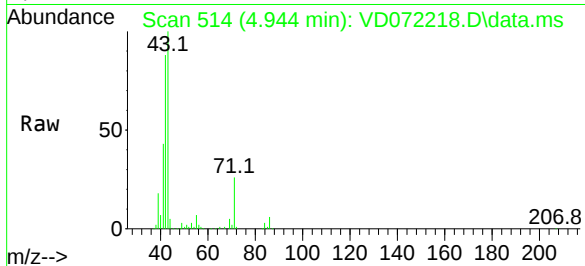




#14
 Allyl chloride
 Concen: 27.561 ug/l
 RT: 4.944 min Scan# 51
 Delta R.T. 0.229 min
 Lab File: VD072218.D
 Acq: 16 Mar 2022 15:08

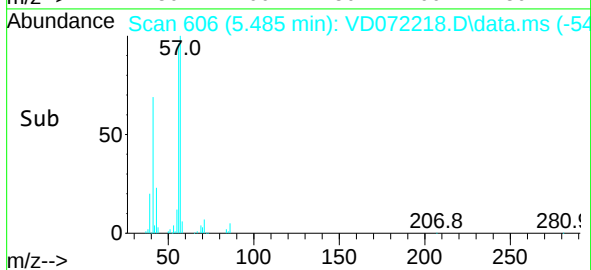
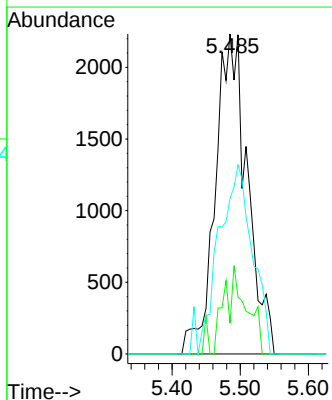
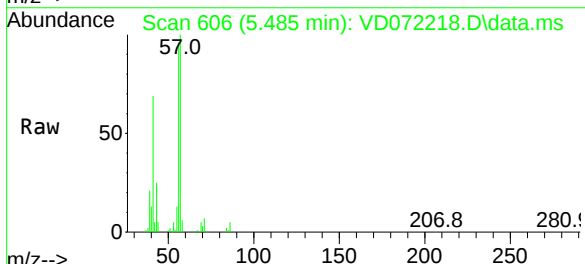
Instrument :
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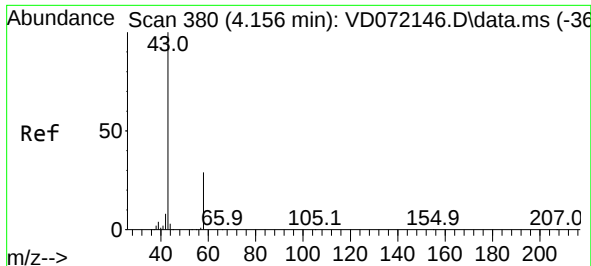
Tgt Ion: 41 Resp: 184896
 Ion Ratio Lower Upper
 41 100
 39 44.5 59.3 88.9#
 76 0.0 25.7 38.5#



#15
 Acrylonitrile
 Concen: 7.000 ug/l
 RT: 5.485 min Scan# 606
 Delta R.T. 0.065 min
 Lab File: VD072218.D
 Acq: 16 Mar 2022 15:08

Tgt Ion: 53 Resp: 7297
 Ion Ratio Lower Upper
 53 100
 52 12.4 67.2 100.8#
 51 61.1 30.3 45.5#

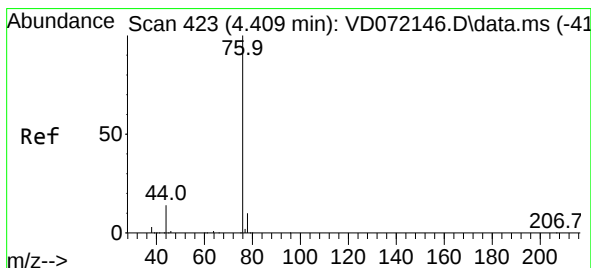
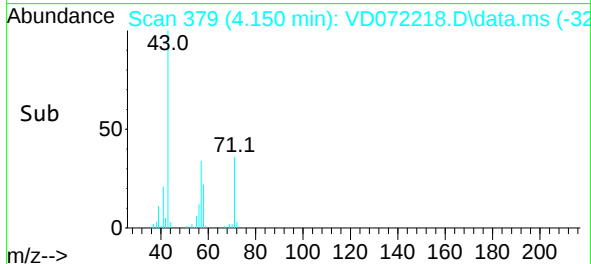
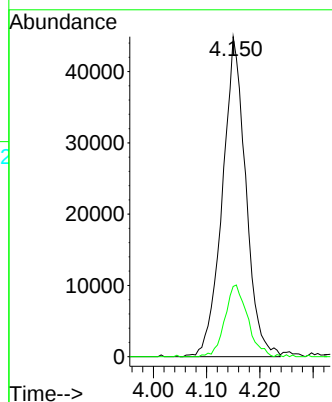
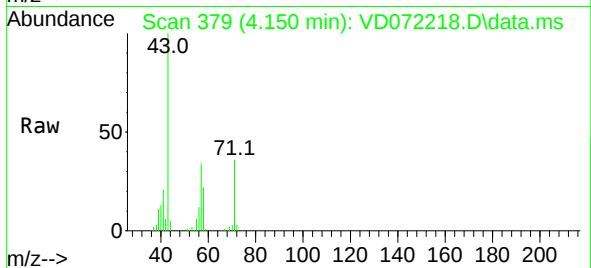




#16
Acetone
Concen: 135.692 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

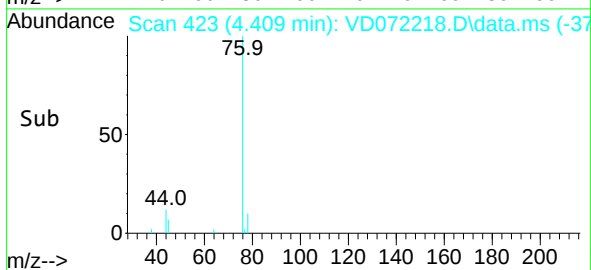
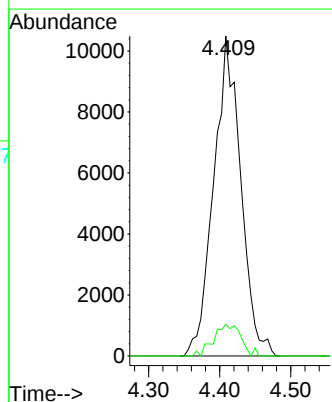
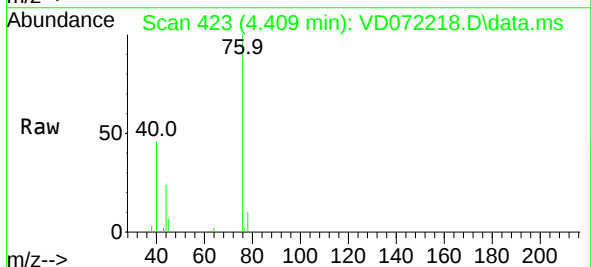
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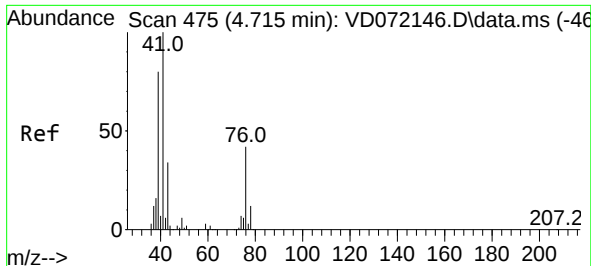
Tgt Ion: 43 Resp: 137074
Ion Ratio Lower Upper
43 100
58 22.0 22.1 33.1#



#17
Carbon Disulfide
Concen: 4.504 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

Tgt Ion: 76 Resp: 27709
Ion Ratio Lower Upper
76 100
78 9.9 7.5 11.3

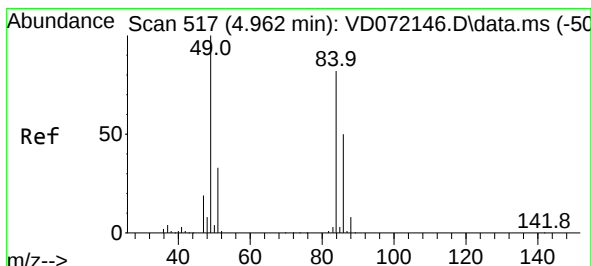
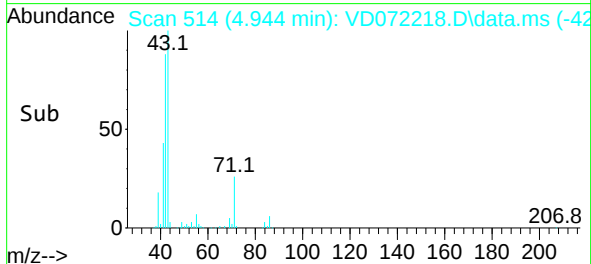
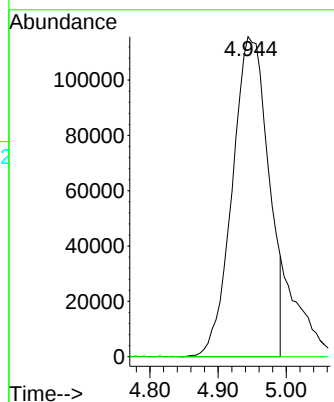
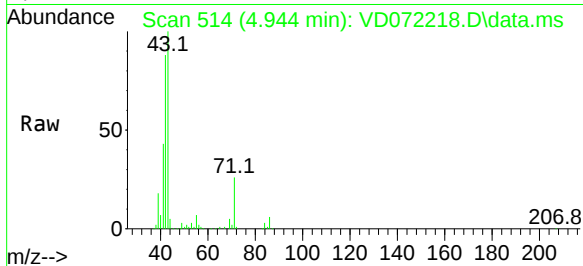




#18
Methyl Acetate
Concen: 172.216 ug/l
RT: 4.944 min Scan# 514
Delta R.T. 0.229 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

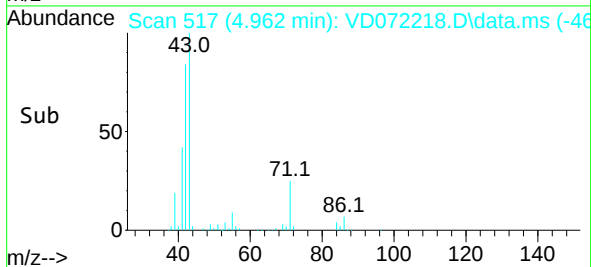
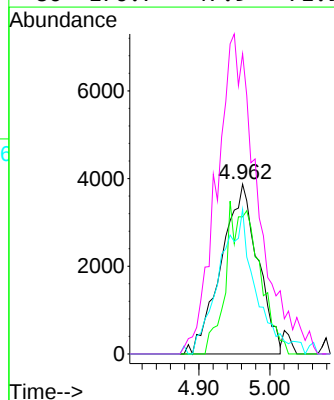
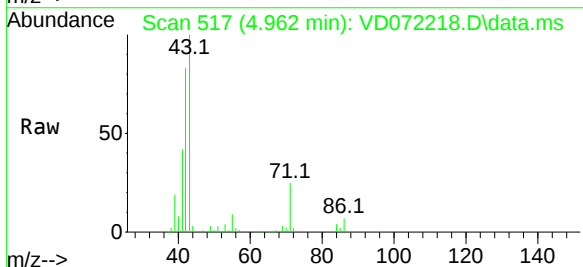
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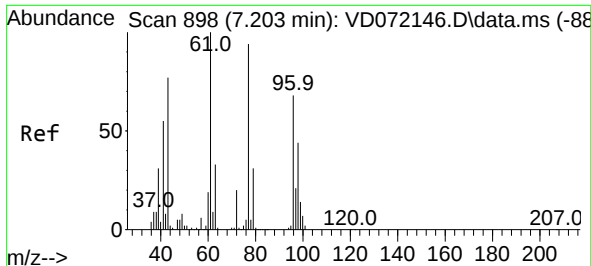
Tgt Ion: 43 Resp: 426332
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

Tgt Ion: 84 Resp: 13839
Ion Ratio Lower Upper
84 100
49 80.8 112.8 169.2#
51 85.2 32.6 48.8#
86 176.7 47.9 71.9#

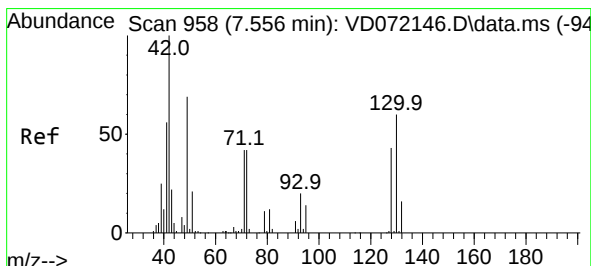
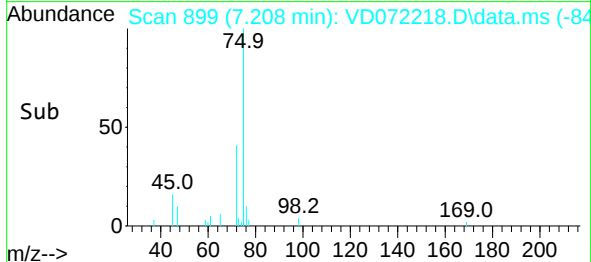
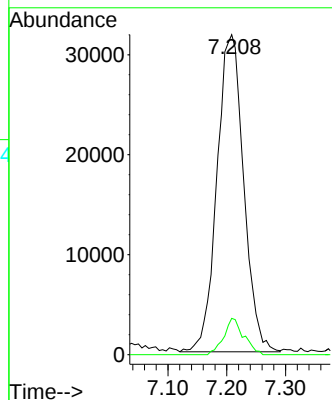
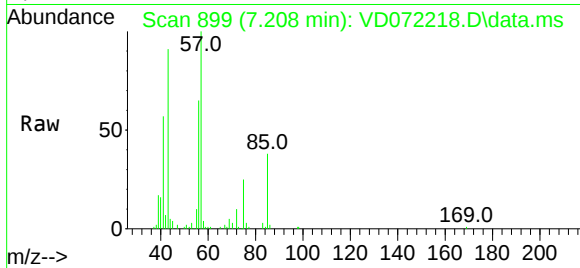




#25
2-Butanone
Concen: 74.438 ug/l
RT: 7.208 min Scan# 898
Delta R.T. 0.006 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

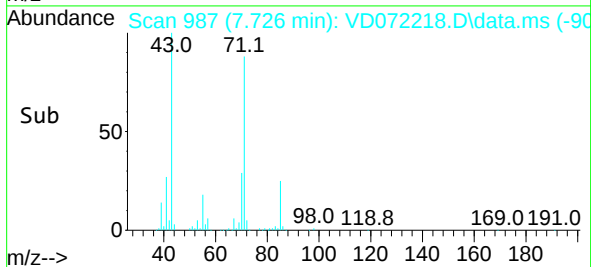
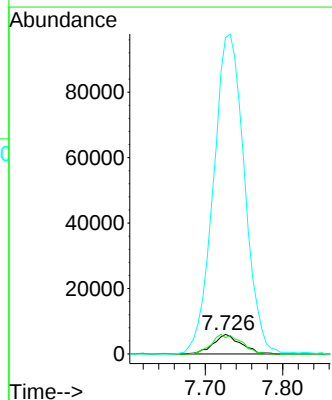
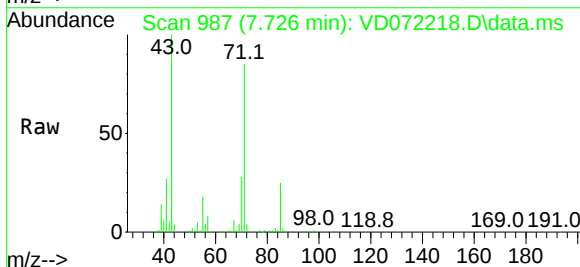
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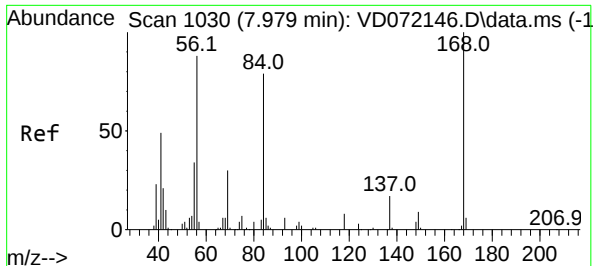
Tgt Ion: 43 Resp: 100260
Ion Ratio Lower Upper
43 100
72 11.4 18.6 27.8#



#29
Tetrahydrofuran
Concen: 18.767 ug/l
RT: 7.726 min Scan# 987
Delta R.T. 0.171 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

Tgt Ion: 42 Resp: 14863
Ion Ratio Lower Upper
42 100
72 107.0 30.7 46.1#
71 1834.0 28.6 43.0#

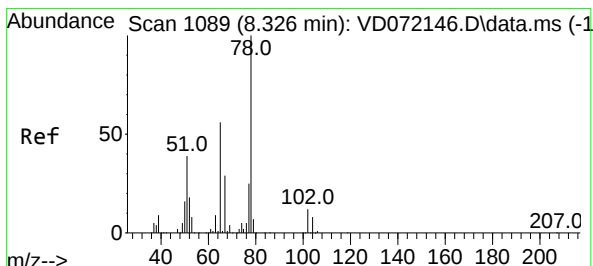
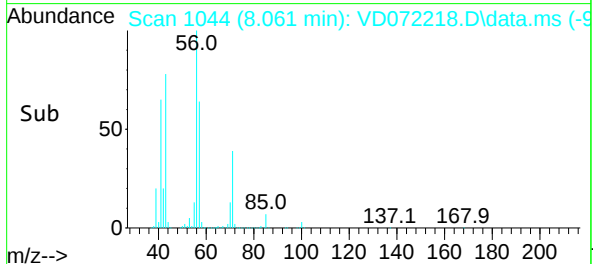
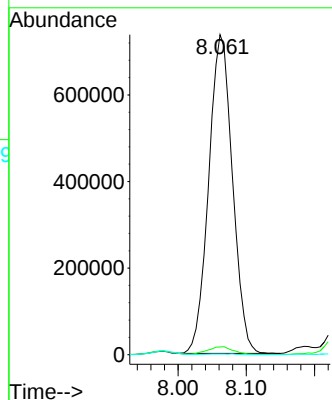
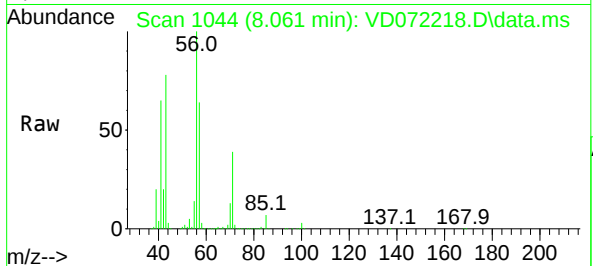




#31
Cyclohexane
Concen: 245.960 ug/l
RT: 8.061 min Scan# 1044
Delta R.T. 0.082 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

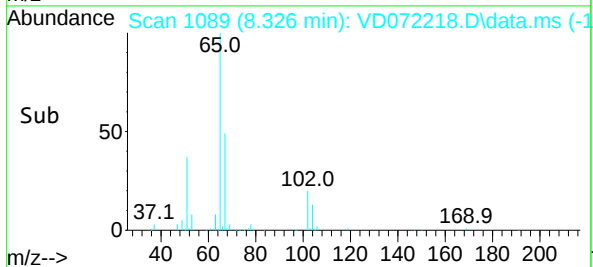
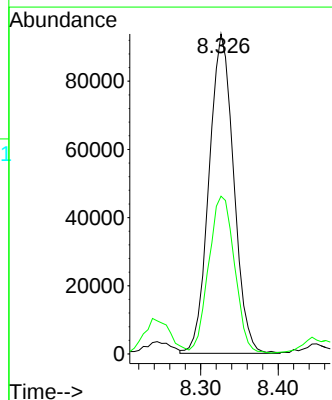
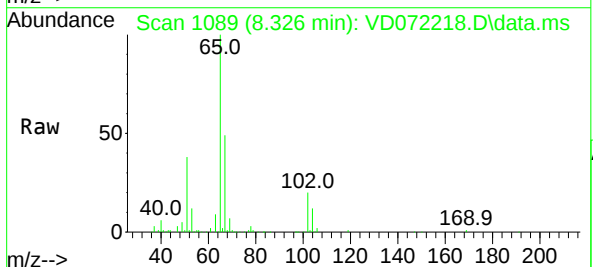
Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-2RE

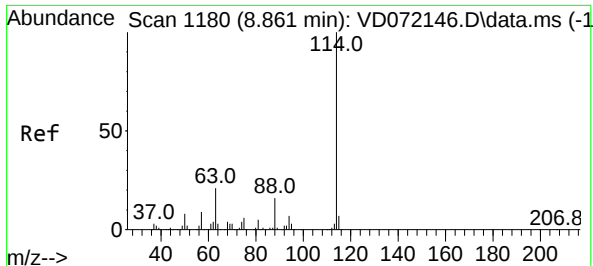
Tgt Ion: 56 Resp: 1787896
Ion Ratio Lower Upper
56 100
69 2.3 25.4 38.2#
84 0.2 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 44.575 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

Tgt Ion: 65 Resp: 207392
Ion Ratio Lower Upper
65 100
67 51.2 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: VD072218.D

Acq: 16 Mar 2022 15:08

Instrument :

MSVOA_D

ClientSampleId :

WC-8-9-2RE

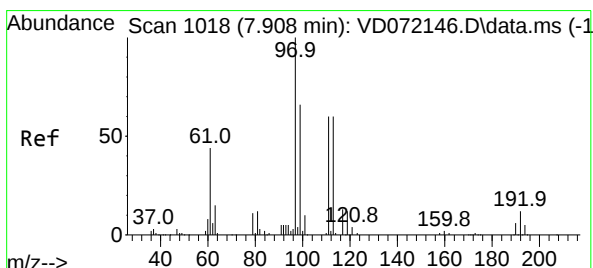
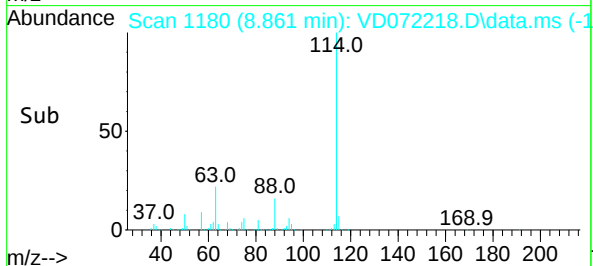
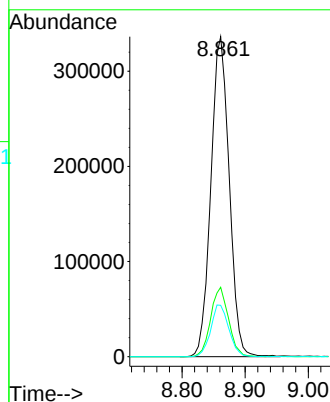
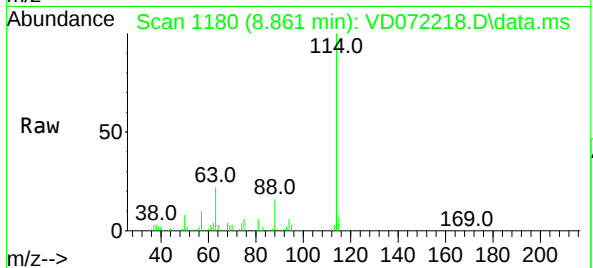
Tgt Ion:114 Resp: 678734

Ion Ratio Lower Upper

114 100

63 21.7 0.0 46.6

88 16.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 43.378 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072218.D

Acq: 16 Mar 2022 15:08

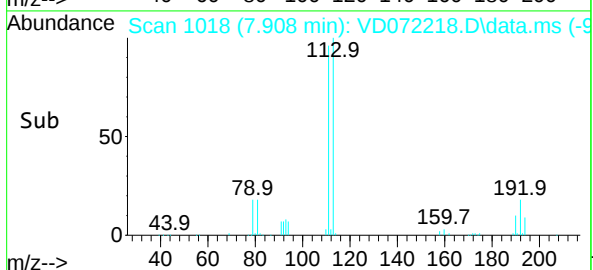
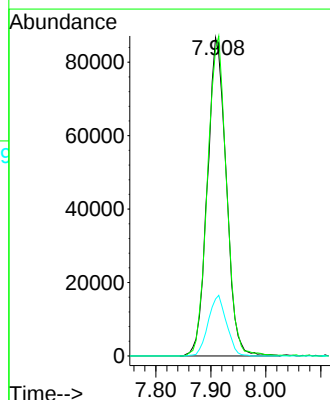
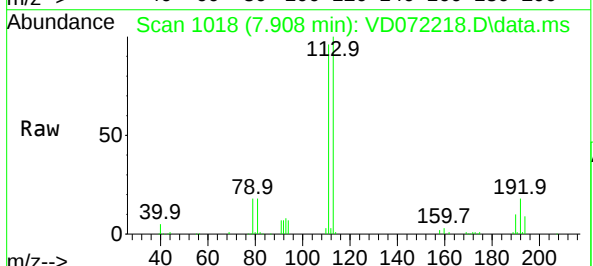
Tgt Ion:113 Resp: 207188

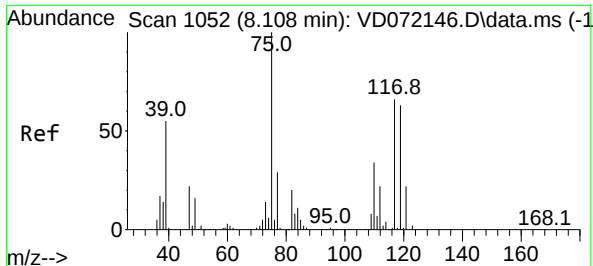
Ion Ratio Lower Upper

113 100

111 100.9 83.8 125.6

192 18.3 14.6 21.8





#36

1,1-Dichloropropene

Concen: 5.053 ug/l

RT: 7.979 min Scan# 1

Delta R.T. -0.129 min

Lab File: VD072218.D

Acq: 16 Mar 2022 15:08

Instrument :

MSVOA_D

ClientSampleId :

WC-8-9-2RE

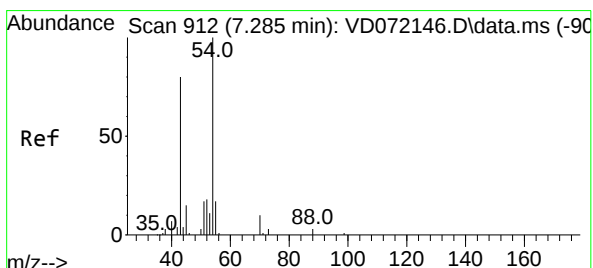
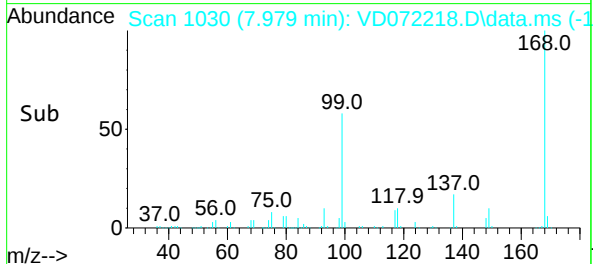
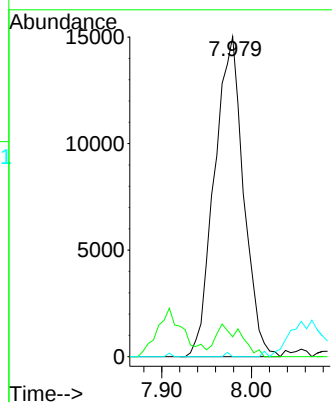
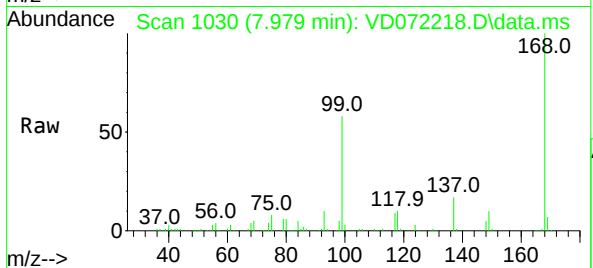
Tgt Ion: 75 Resp: 33859

Ion Ratio Lower Upper

75 100

110 8.9 16.4 49.1#

77 0.0 24.2 36.2#



#37

Ethyl Acetate

Concen: 34.159 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.077 min

Lab File: VD072218.D

Acq: 16 Mar 2022 15:08

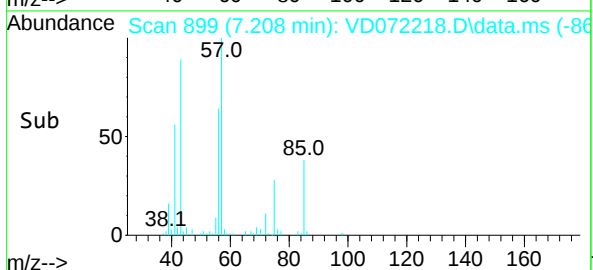
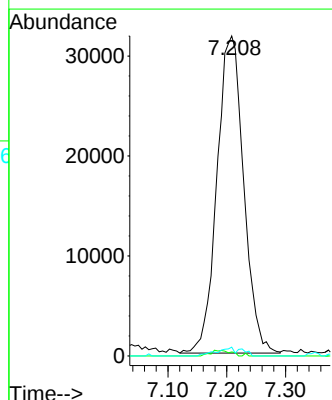
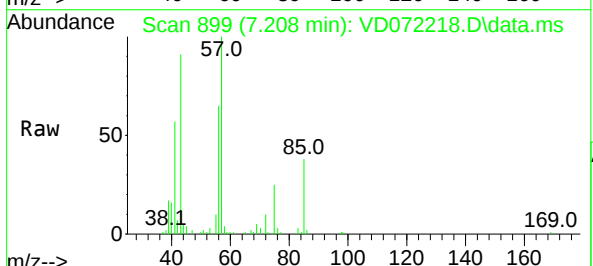
Tgt Ion: 43 Resp: 100260

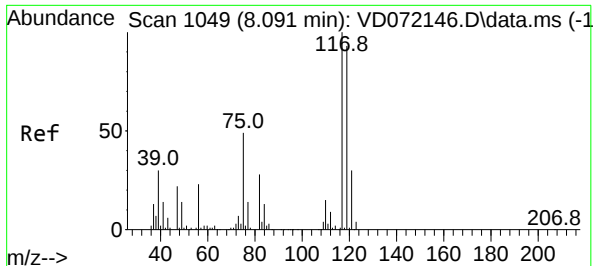
Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

70 1.7 6.9 10.3#

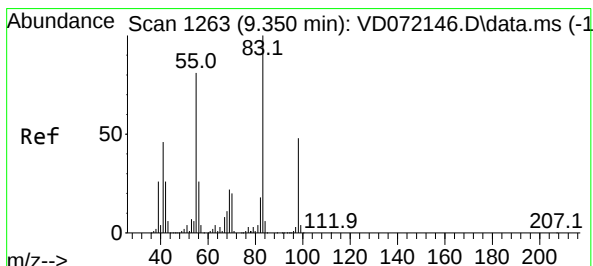
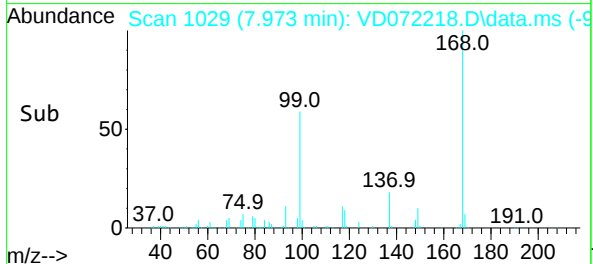
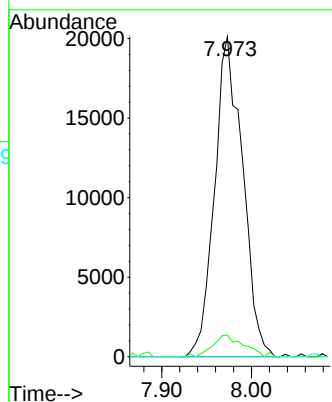
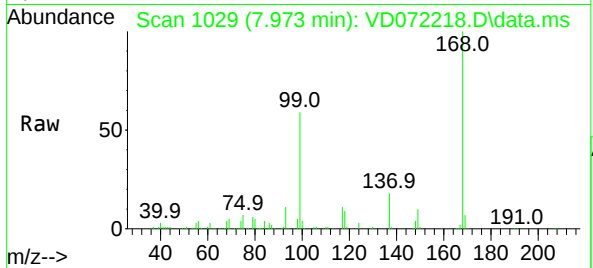




#38
Carbon Tetrachloride
Concen: 5.716 ug/l
RT: 7.973 min Scan# 1049
Delta R.T. -0.118 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

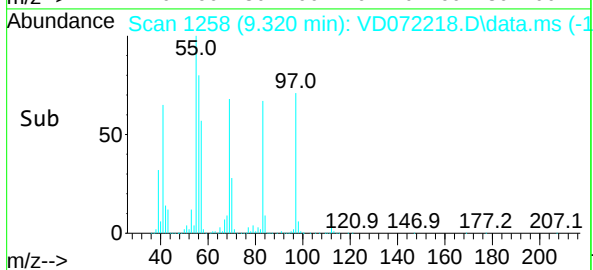
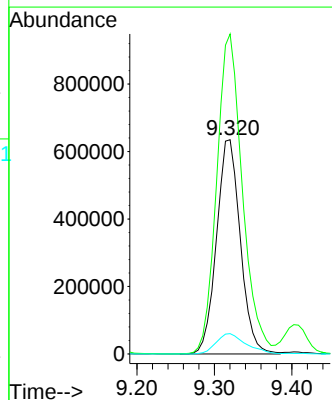
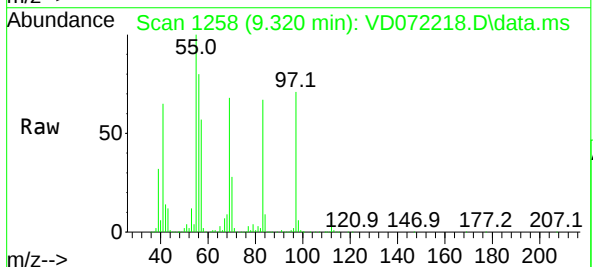
Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-2RE

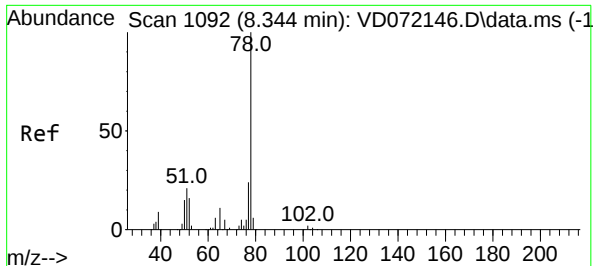
Tgt Ion:117 Resp: 43539
Ion Ratio Lower Upper
117 100
119 6.7 75.8 113.6#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 179.774 ug/l
RT: 9.320 min Scan# 1258
Delta R.T. -0.029 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

Tgt Ion: 83 Resp: 1355511
Ion Ratio Lower Upper
83 100
55 149.2 63.2 94.8#
98 9.5 38.2 57.4#





#40

Benzene

Concen: 1.013 ug/l

RT: 8.350 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD072218.D

Acq: 16 Mar 2022 15:08

Instrument :

MSVOA_D

ClientSampleId :

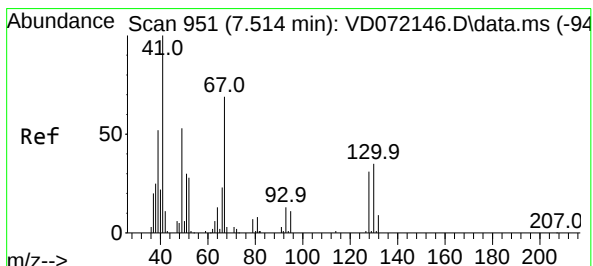
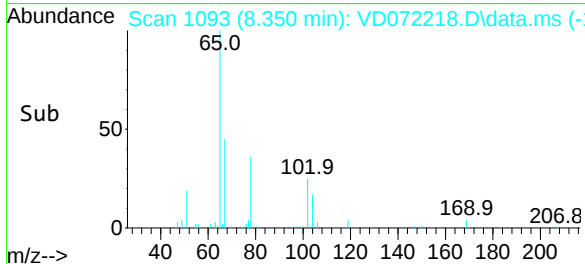
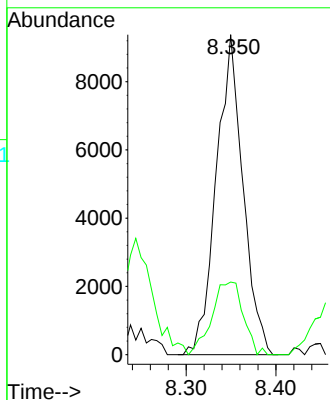
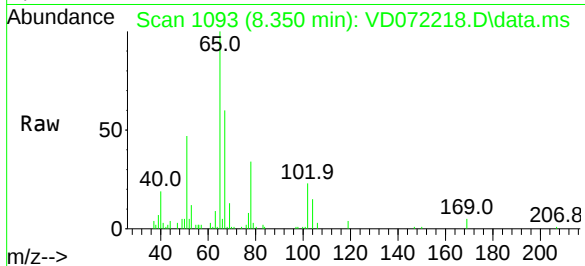
WC-8-9-2RE

Tgt Ion: 78 Resp: 19370

Ion Ratio Lower Upper

78 100

77 22.7 19.1 28.7



#41

Methacrylonitrile

Concen: 50.365 ug/l

RT: 7.726 min Scan# 987

Delta R.T. 0.212 min

Lab File: VD072218.D

Acq: 16 Mar 2022 15:08

Tgt Ion: 41 Resp: 86162

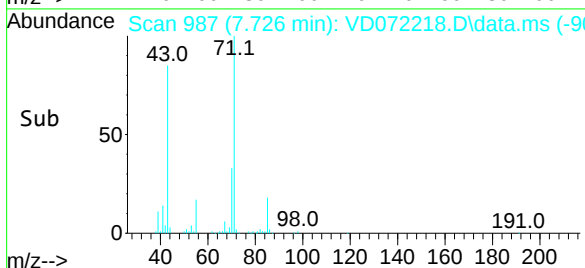
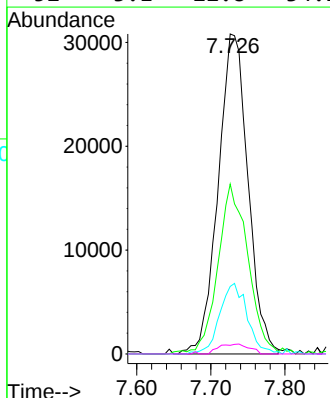
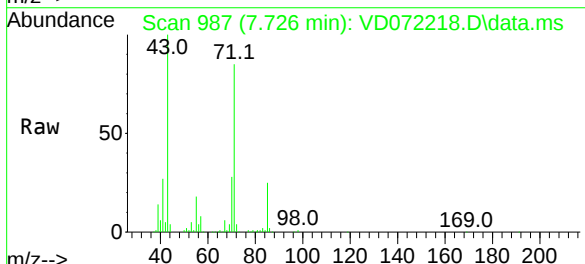
Ion Ratio Lower Upper

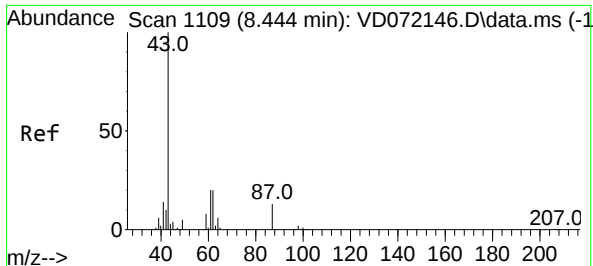
41 100

39 53.5 44.6 67.0

67 20.3 48.2 72.4#

52 3.1 22.8 34.2#

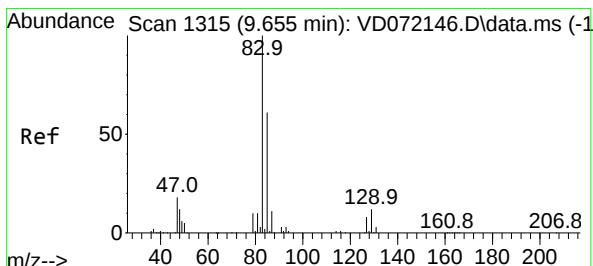
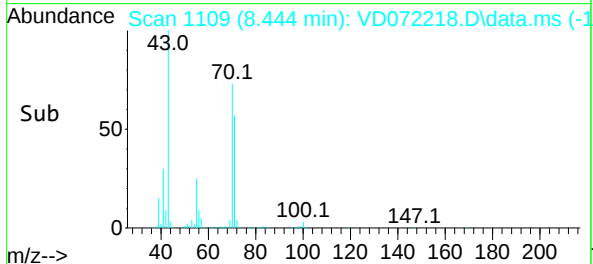
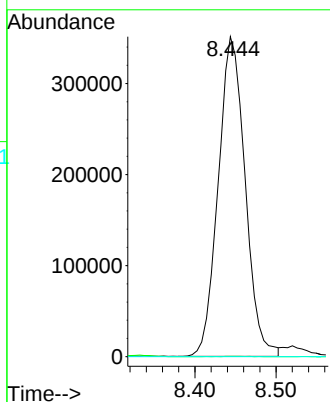
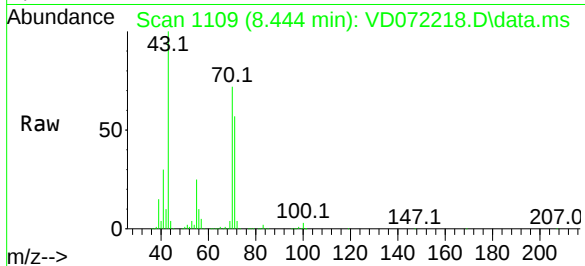




#43
Isopropyl Acetate
Concen: 142.083 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

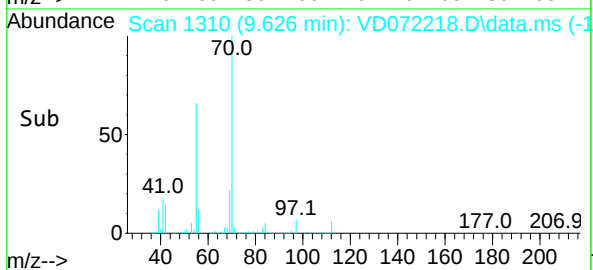
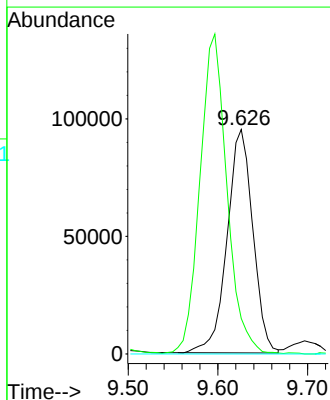
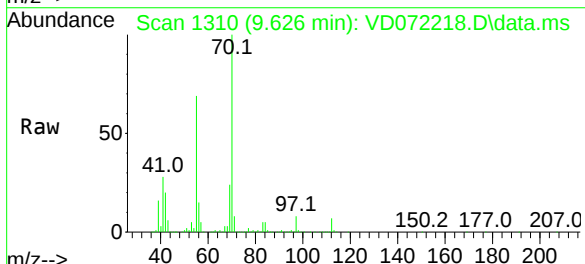
Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-2RE

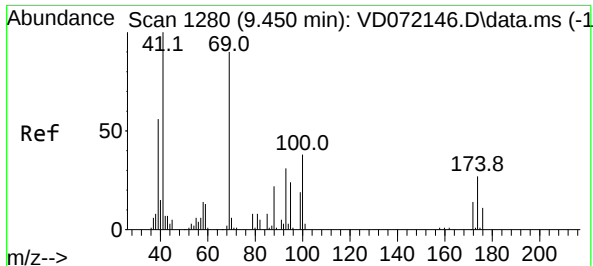
Tgt Ion: 43 Resp: 809436
Ion Ratio Lower Upper
43 100
61 0.1 22.4 33.6#
87 0.0 8.7 13.1#



#47
Bromodichloromethane
Concen: 25.175 ug/l
RT: 9.626 min Scan# 1310
Delta R.T. -0.029 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

Tgt Ion: 83 Resp: 189262
Ion Ratio Lower Upper
83 100
85 15.5 51.4 77.0#
127 0.0 6.1 9.1#





#48

Methyl methacrylate

Concen: 23.912 ug/l

RT: 9.485 min Scan# 1286

Delta R.T. 0.035 min

Lab File: VD072218.D

Acq: 16 Mar 2022 15:08

Instrument :

MSVOA_D

ClientSampleId :

WC-8-9-2RE

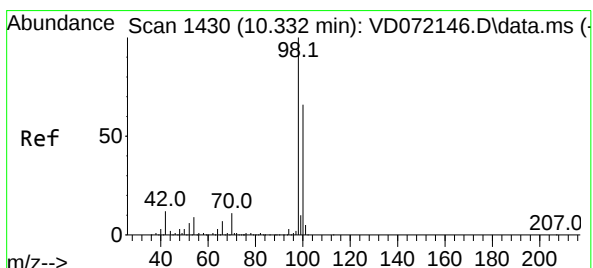
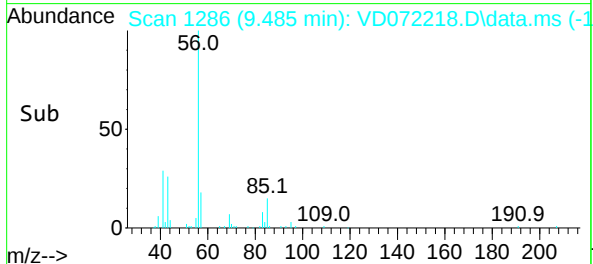
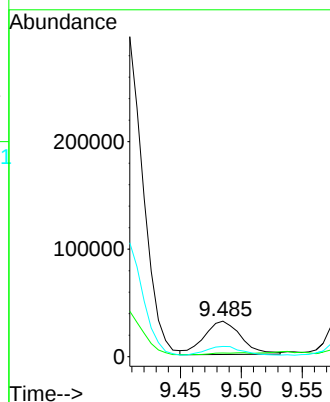
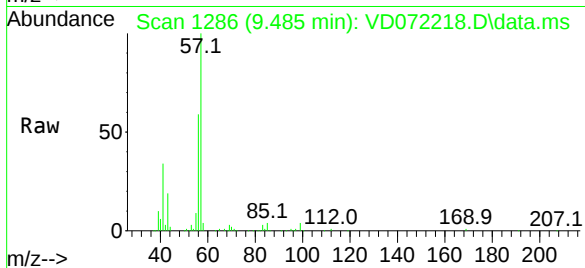
Tgt Ion: 41 Resp: 65045

Ion Ratio Lower Upper

41 100

69 0.0 56.7 85.1#

39 0.0 42.7 64.1#



#50

Toluene-d8

Concen: 54.568 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072218.D

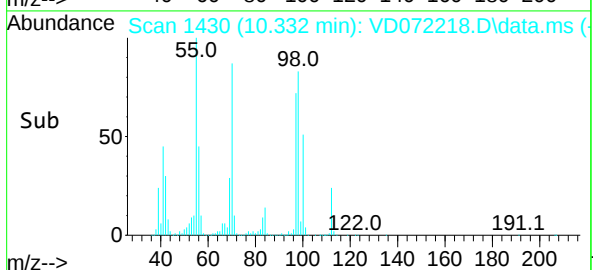
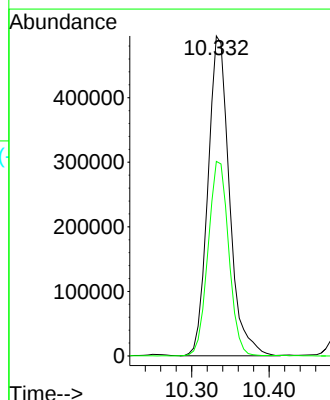
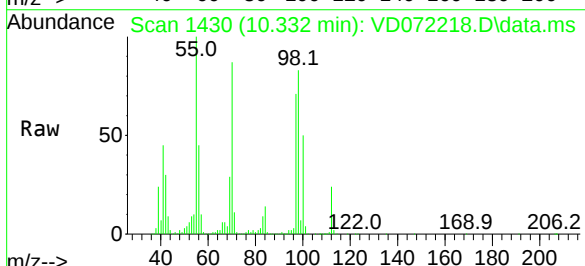
Acq: 16 Mar 2022 15:08

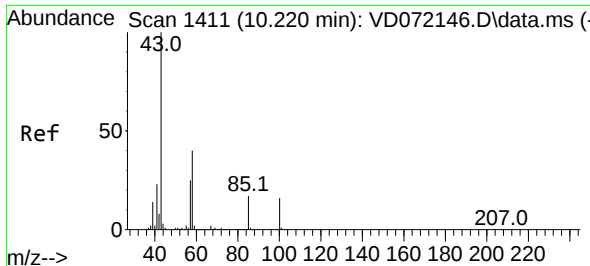
Tgt Ion: 98 Resp: 953017

Ion Ratio Lower Upper

98 100

100 58.6 52.4 78.6

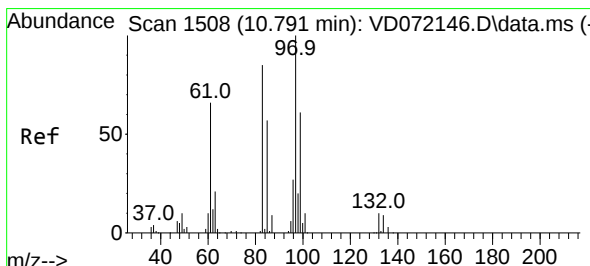
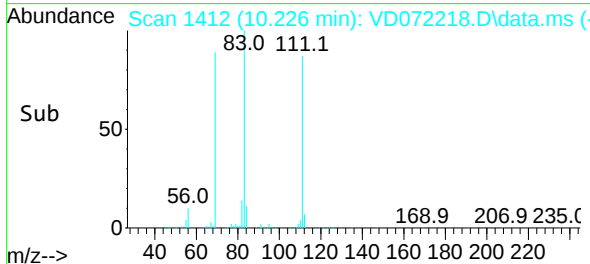
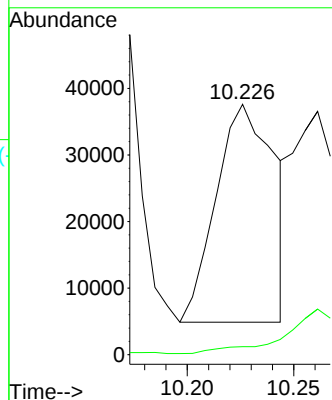
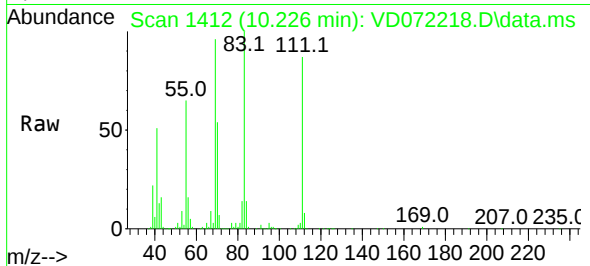




#51
4-Methyl-2-Pentanone
Concen: 20.733 ug/l
RT: 10.226 min Scan# 1411
Delta R.T. 0.006 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

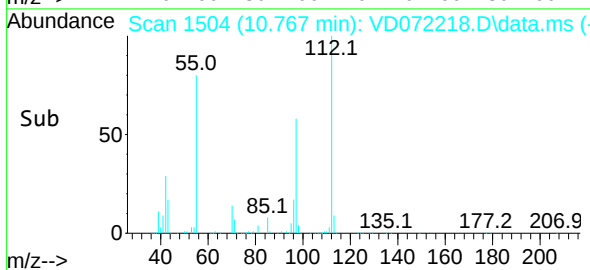
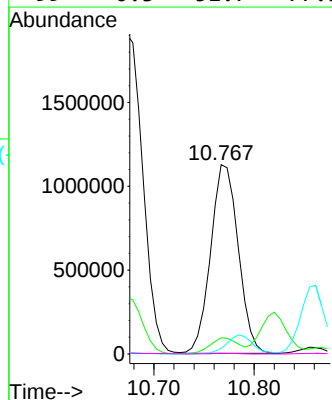
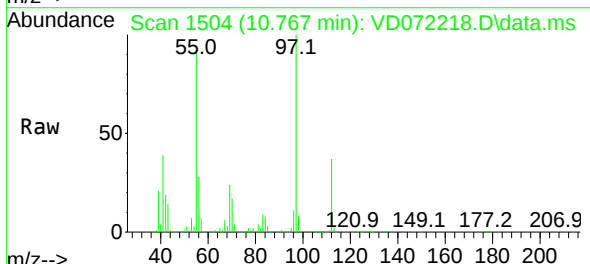
Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-2RE

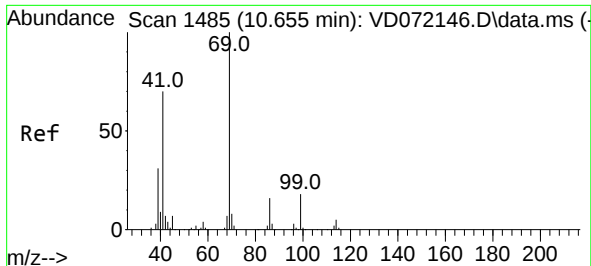
Tgt Ion: 43 Resp: 62037
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#



#55
1,1,2-Trichloroethane
Concen: 548.123 ug/l
RT: 10.767 min Scan# 1504
Delta R.T. -0.024 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

Tgt Ion: 97 Resp: 2153284
Ion Ratio Lower Upper
97 100
83 8.4 69.0 103.4#
85 3.0 42.6 63.8#
99 0.3 51.7 77.5#

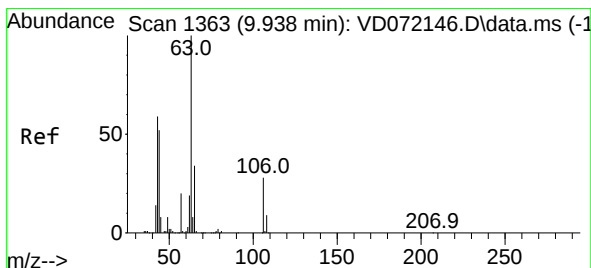
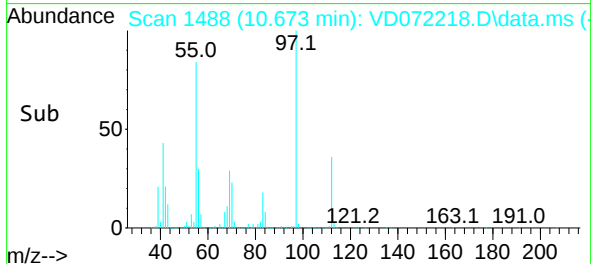
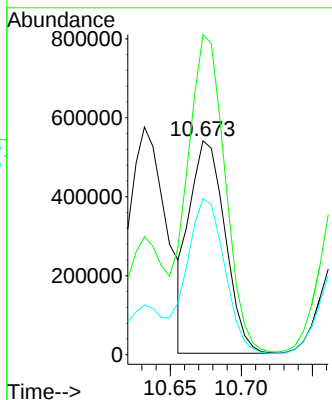
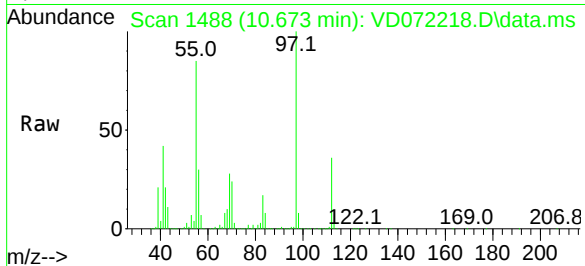




#56
Ethyl methacrylate
Concen: 203.182 ug/l
RT: 10.673 min Scan# 1488
Delta R.T. 0.018 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

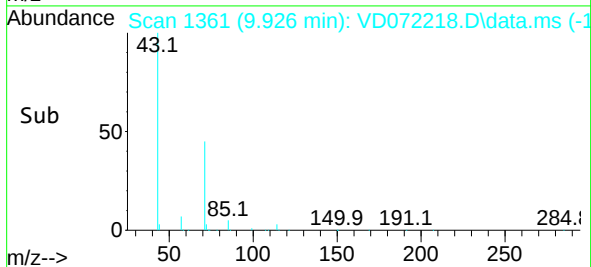
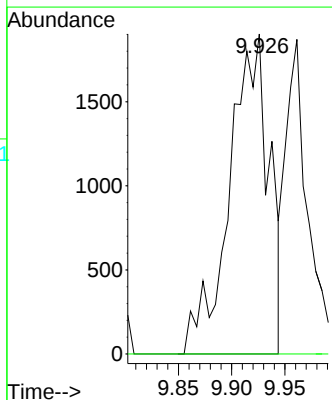
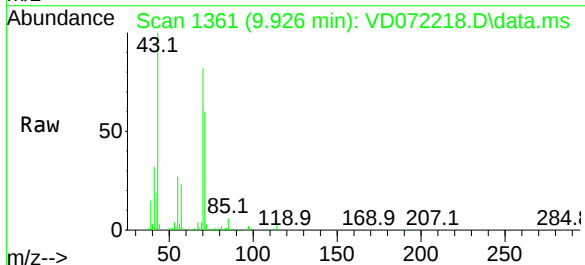
Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-2RE

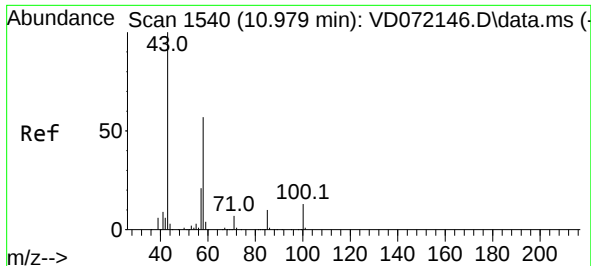
Tgt Ion: 69 Resp: 934918
Ion Ratio Lower Upper
69 100
41 157.7 63.0 94.6#
39 76.6 33.8 50.8#



#58
2-Chloroethyl Vinyl ether
Concen: 2.391 ug/l
RT: 9.926 min Scan# 1361
Delta R.T. -0.012 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

Tgt Ion: 63 Resp: 4947
Ion Ratio Lower Upper
63 100
106 0.0 21.4 32.0#

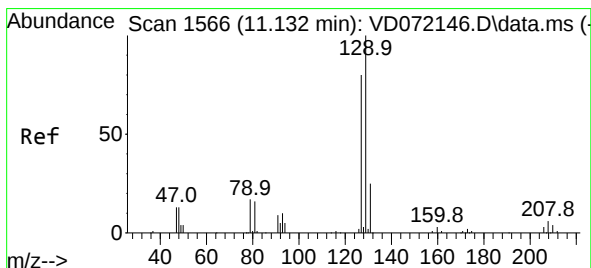
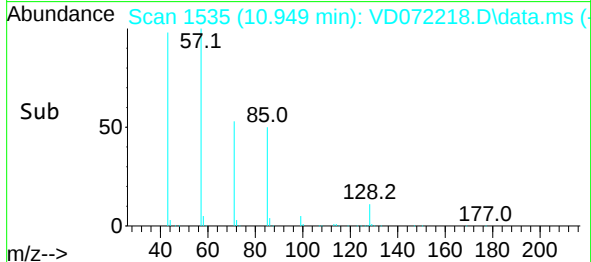
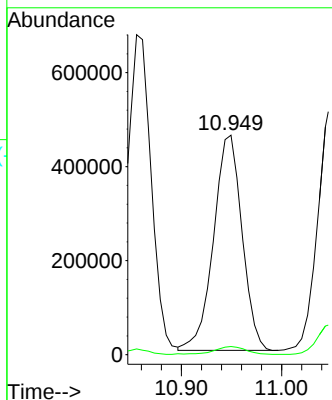
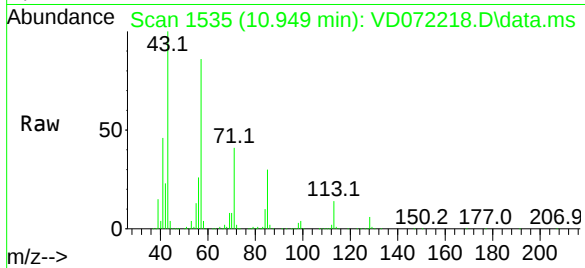




#59
2-Hexanone
Concen: 437.271 ug/l
RT: 10.949 min Scan# 11
Delta R.T. -0.029 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

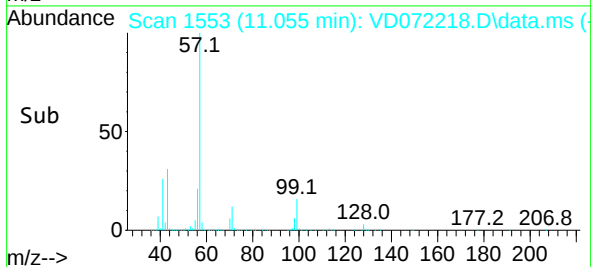
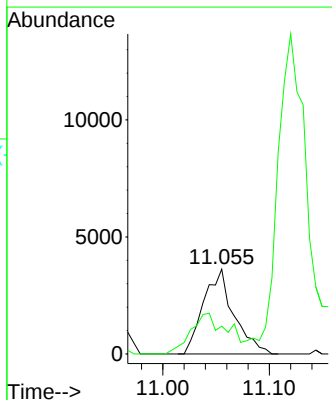
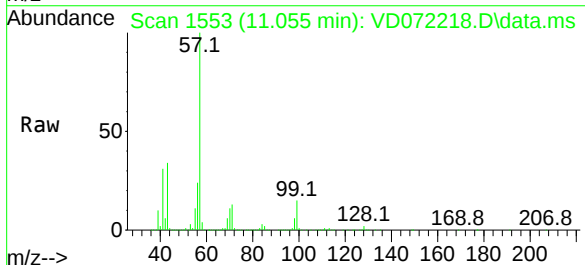
Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-2RE

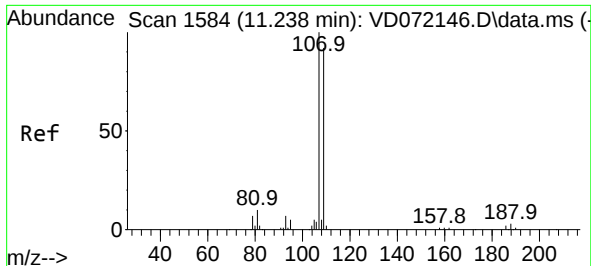
Tgt Ion: 43 Resp: 903660
Ion Ratio Lower Upper
43 100
58 4.0 25.3 75.9#



#60
Dibromochloromethane
Concen: 1.402 ug/l
RT: 11.055 min Scan# 1553
Delta R.T. -0.077 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

Tgt Ion:129 Resp: 7147
Ion Ratio Lower Upper
129 100
127 59.8 39.2 117.6

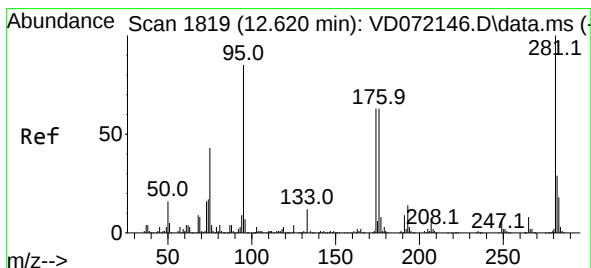
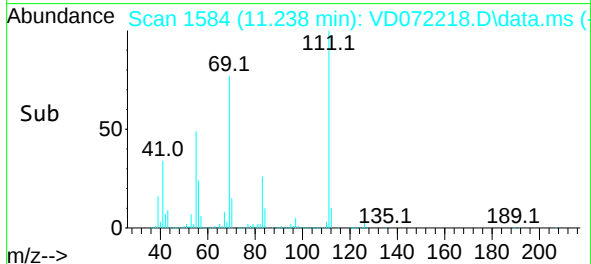
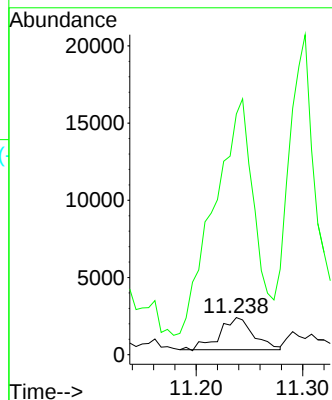
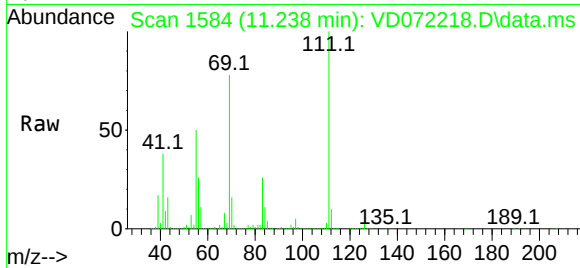




#61
1,2-Dibromoethane
Concen: 1.293 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

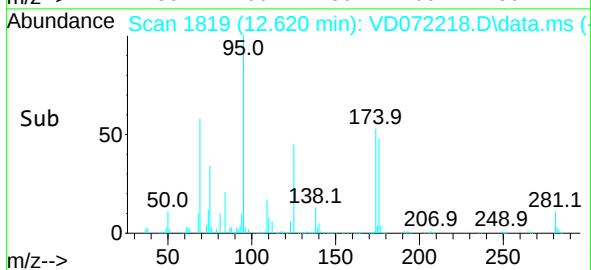
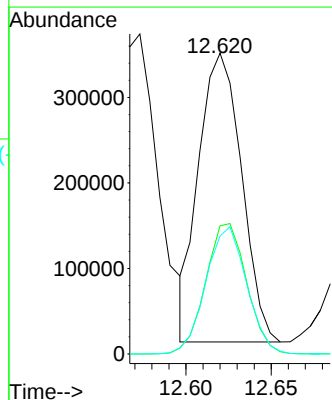
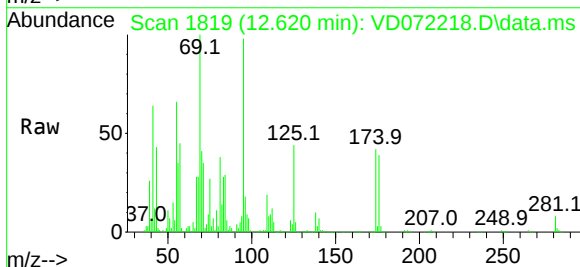
Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-2RE

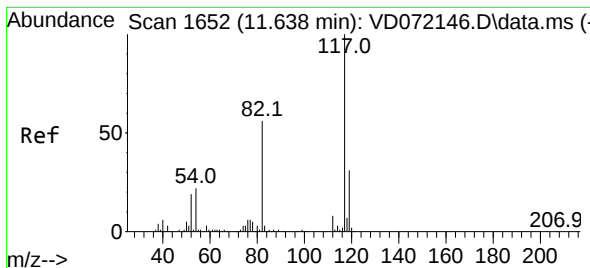
Tgt Ion:107 Resp: 4591
Ion Ratio Lower Upper
107 100
109 908.2 74.2 111.4#



#62
4-Bromofluorobenzene
Concen: 86.987 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

Tgt Ion: 95 Resp: 590292
Ion Ratio Lower Upper
95 100
174 43.3 0.0 152.8
176 41.9 0.0 145.4

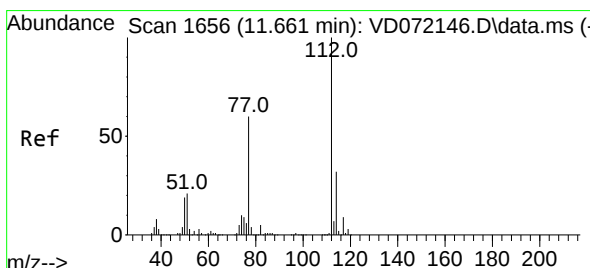
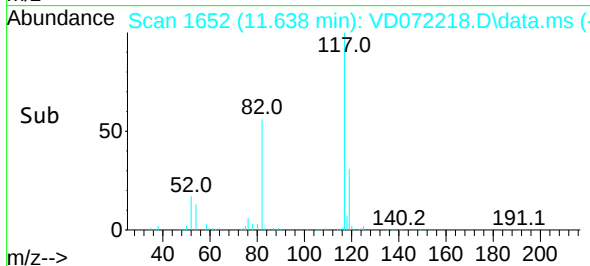
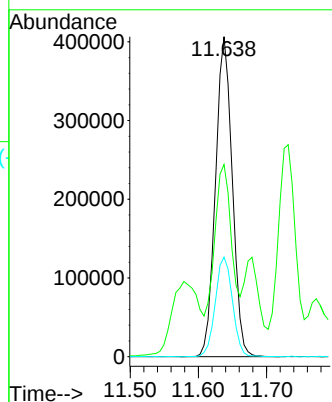
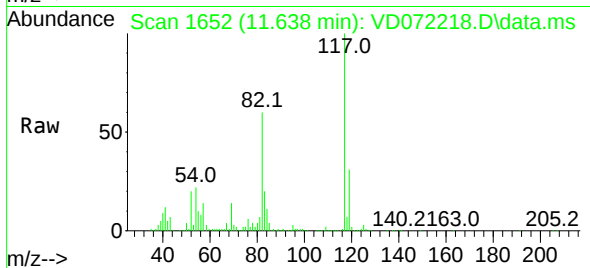




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

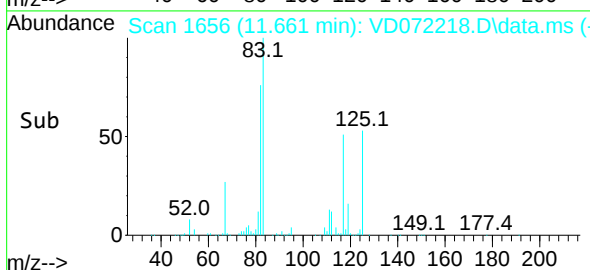
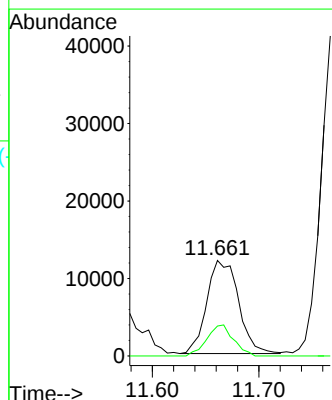
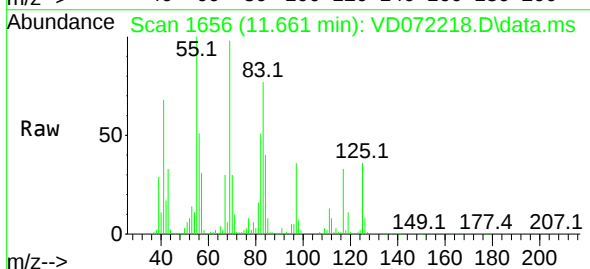
Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-2RE

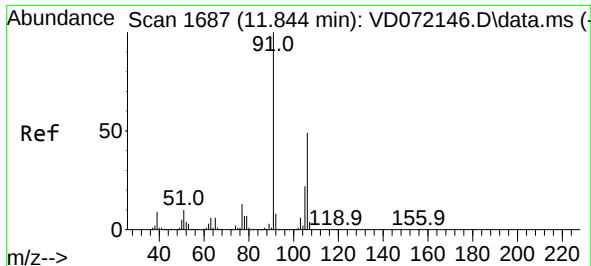
Tgt Ion:117 Resp: 696240
Ion Ratio Lower Upper
117 100
82 38.6 45.3 67.9#
119 31.1 26.6 40.0



#65
Chlorobenzene
Concen: 1.607 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

Tgt Ion:112 Resp: 24806
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6

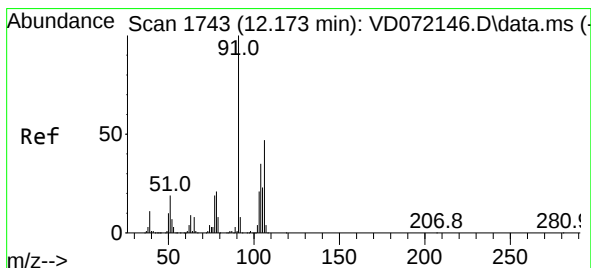
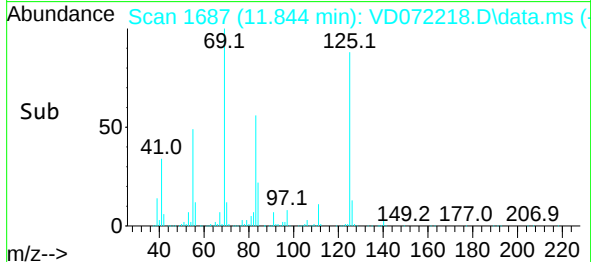
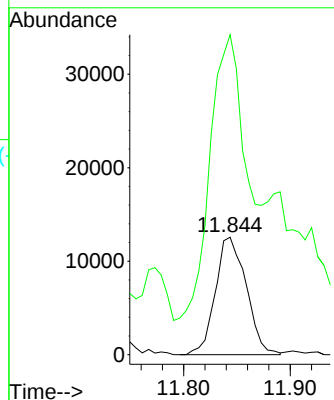
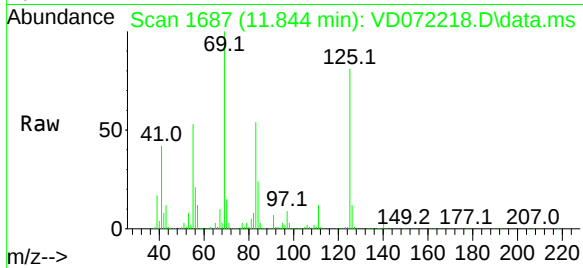




#68
m/p-Xylenes
Concen: 2.414 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

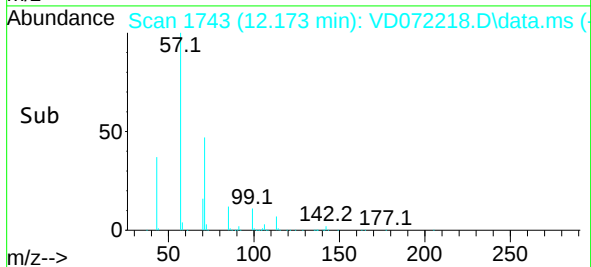
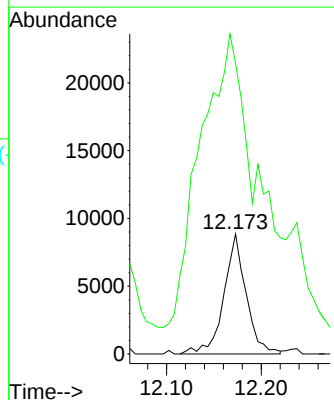
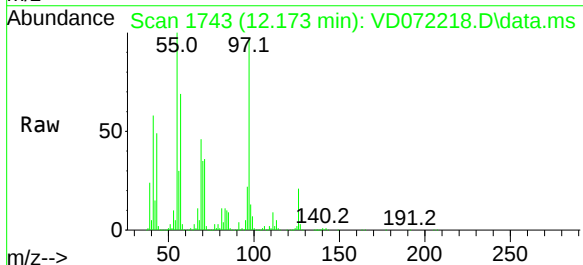
Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-2RE

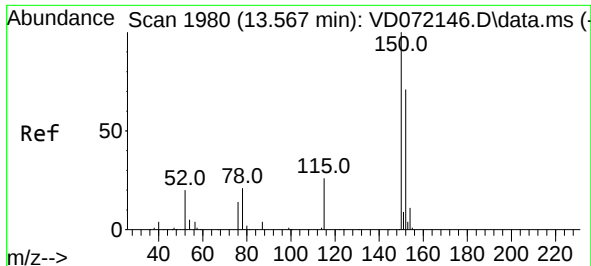
Tgt Ion:106 Resp: 25275
Ion Ratio Lower Upper
106 100
91 286.9 163.7 245.5#



#69
o-Xylene
Concen: 1.444 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

Tgt Ion:106 Resp: 14463
Ion Ratio Lower Upper
106 100
91 613.4 110.4 331.2#

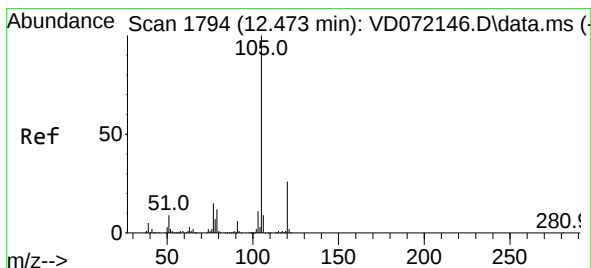
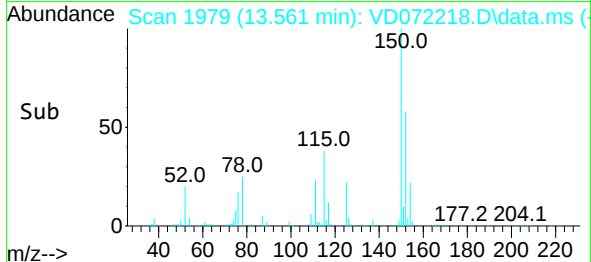
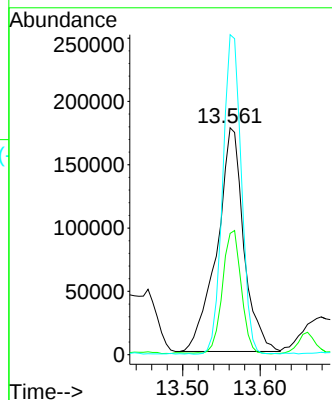
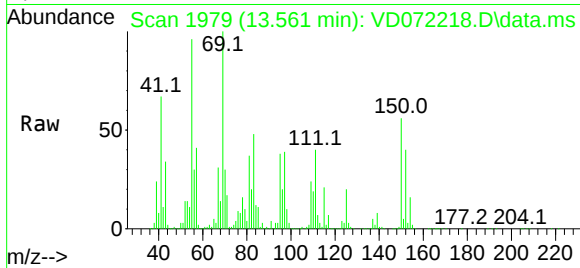




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

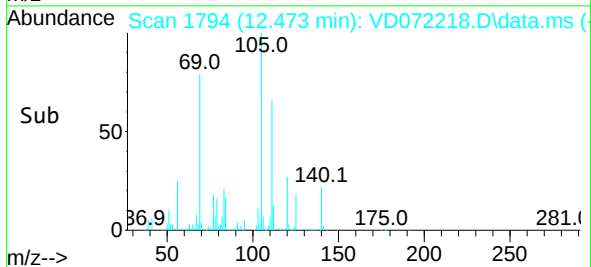
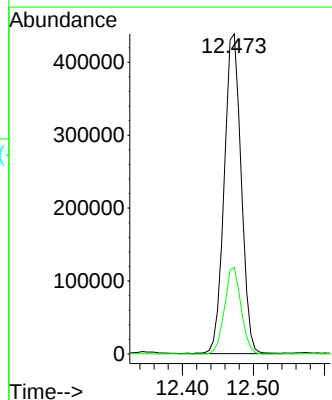
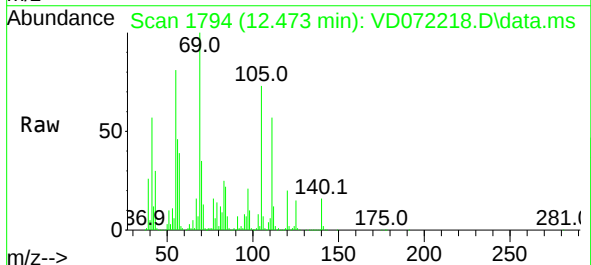
Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-2RE

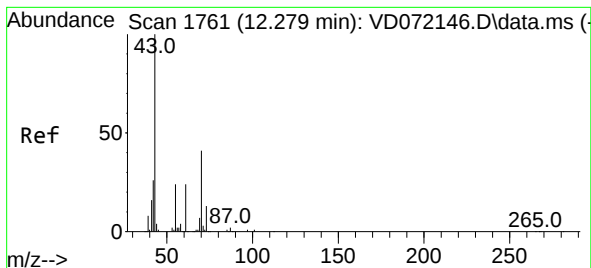
Tgt Ion:152 Resp: 425229
Ion Ratio Lower Upper
152 100
115 38.8 31.3 93.8
150 99.1 0.0 348.6



#73
Isopropylbenzene
Concen: 21.513 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

Tgt Ion:105 Resp: 724924
Ion Ratio Lower Upper
105 100
120 26.4 13.0 38.9





#74

N-amy1 acetate

Concen: 175.444 ug/l

RT: 12.261 min Scan# 1

Delta R.T. -0.018 min

Lab File: VD072218.D

Acq: 16 Mar 2022 15:08

Instrument :

MSVOA_D

ClientSampleId :

WC-8-9-2RE

Tgt Ion: 43 Resp: 1270492

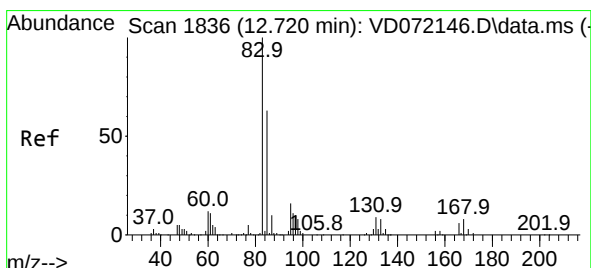
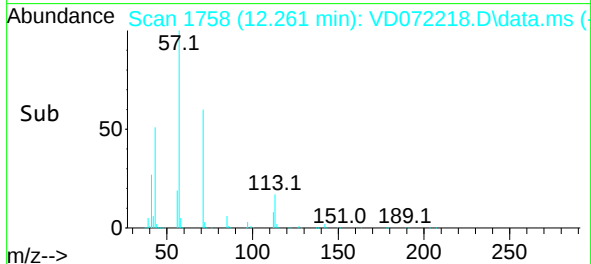
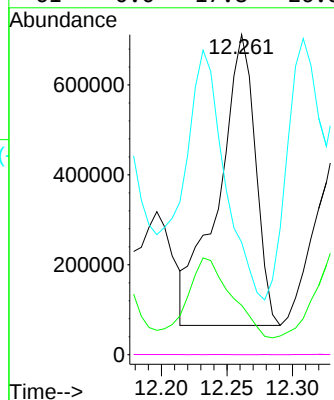
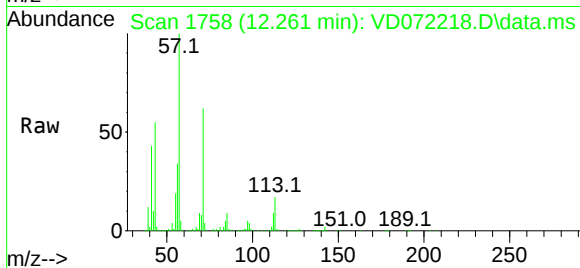
Ion Ratio Lower Upper

43 100

70 0.0 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: 58.282 ug/l

RT: 12.696 min Scan# 1832

Delta R.T. -0.024 min

Lab File: VD072218.D

Acq: 16 Mar 2022 15:08

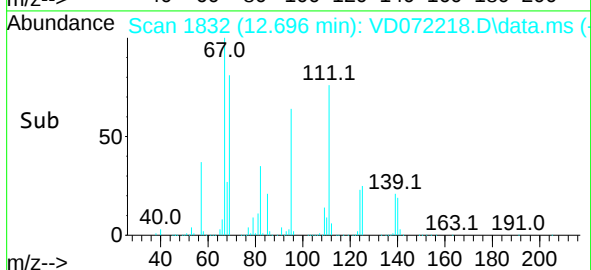
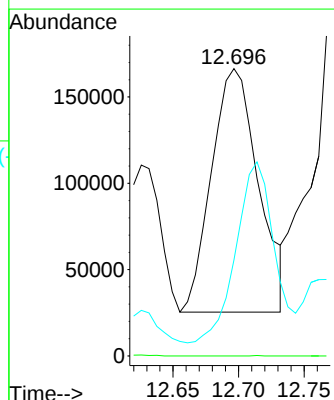
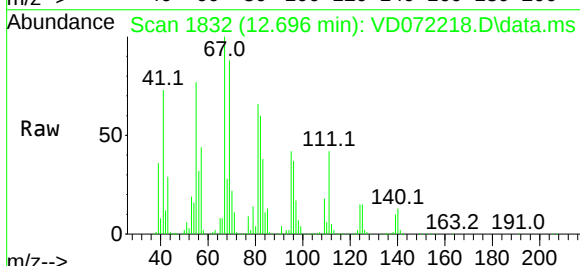
Tgt Ion: 83 Resp: 351249

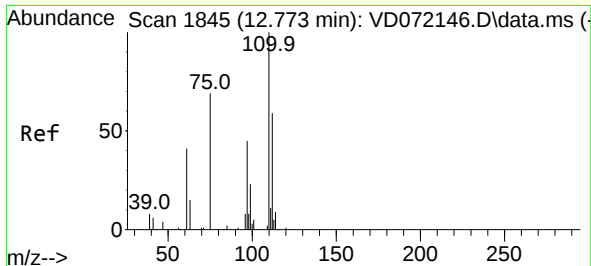
Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 60.6 32.6 98.0

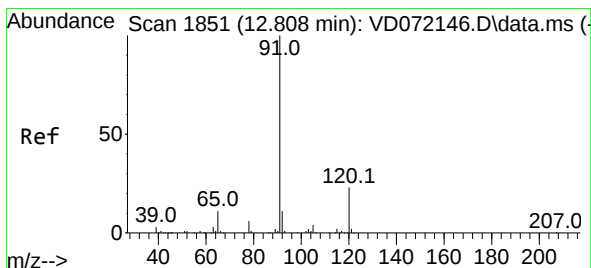
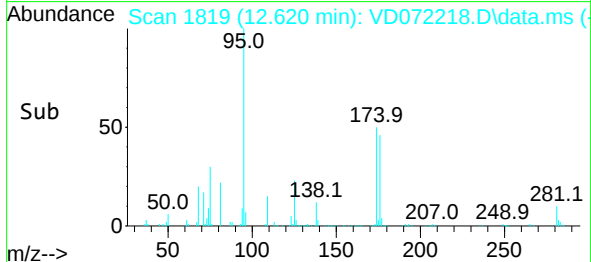
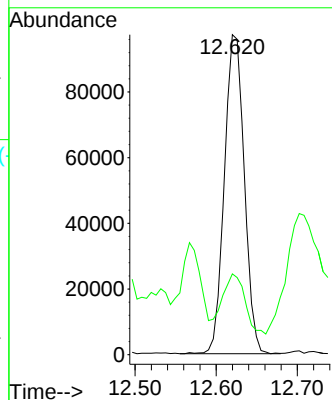
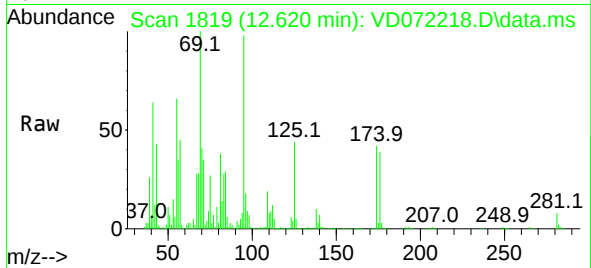




#76
1,2,3-Trichloropropane
Concen: 35.372 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

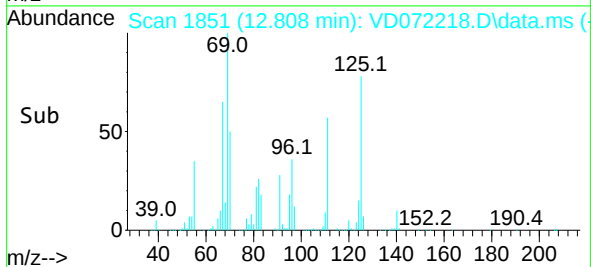
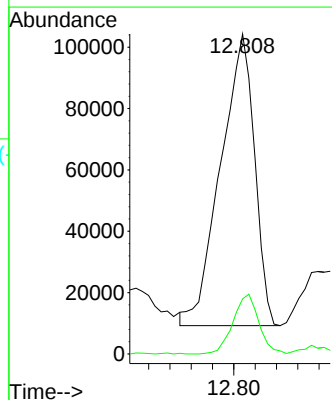
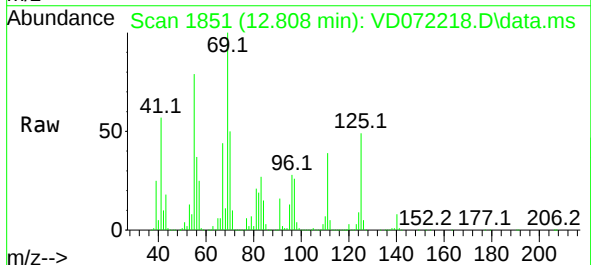
Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-2RE

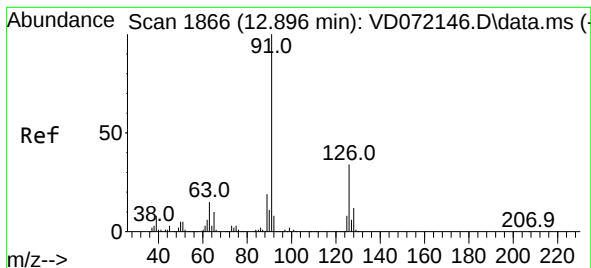
Tgt Ion: 75 Resp: 165919
Ion Ratio Lower Upper
75 100
77 20.6 0.0 0.0#



#78
n-propylbenzene
Concen: 5.130 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

Tgt Ion: 91 Resp: 209967
Ion Ratio Lower Upper
91 100
120 15.6 10.9 32.9

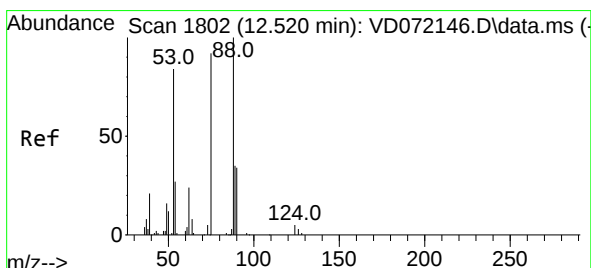
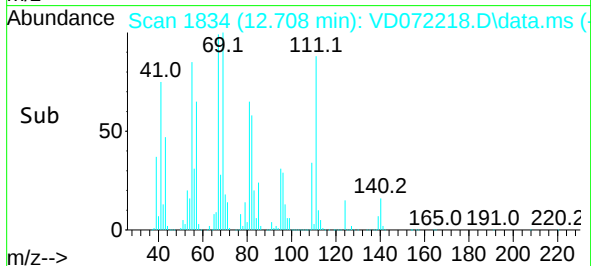
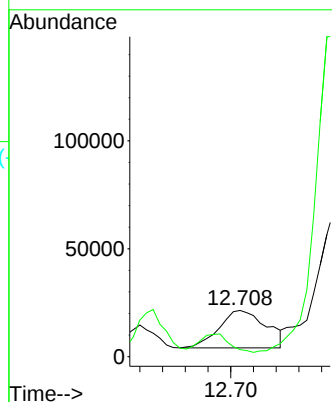
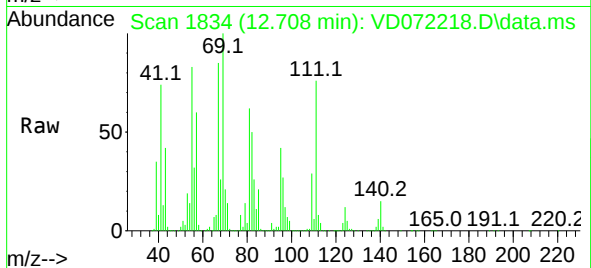




#79
2-Chlorotoluene
Concen: 2.121 ug/l
RT: 12.708 min Scan# 11
Delta R.T. -0.188 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

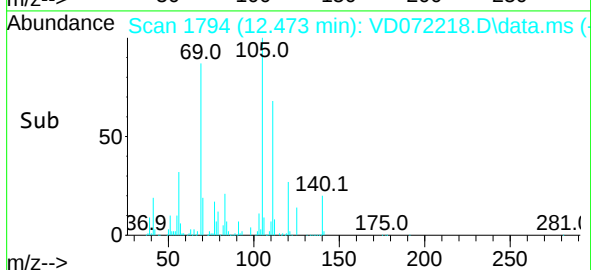
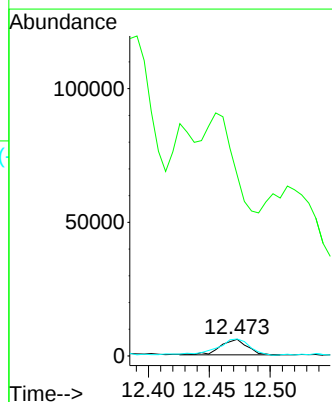
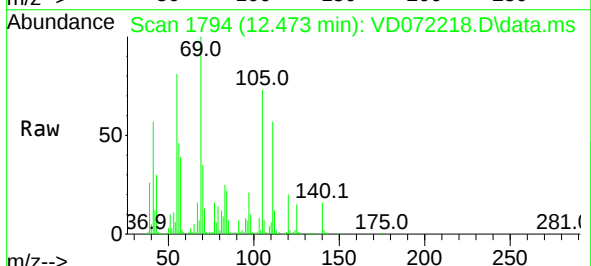
Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-2RE

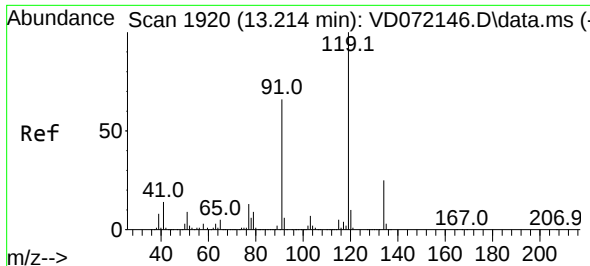
Tgt Ion: 91 Resp: 50192
Ion Ratio Lower Upper
91 100
126 30.1 16.2 48.6



#81
trans-1,4-Dichloro-2-butene
Concen: 4.639 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.047 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

Tgt Ion: 75 Resp: 8771
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 133.8 33.9 50.9#

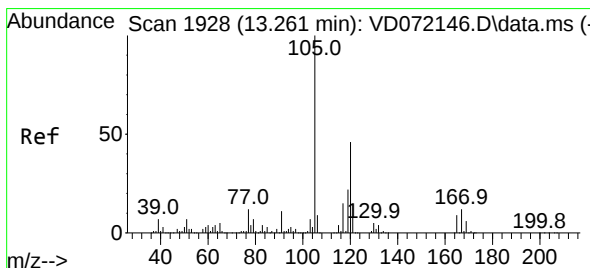
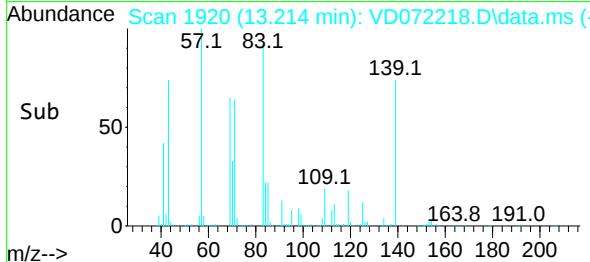
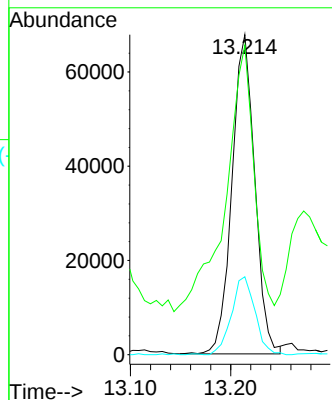
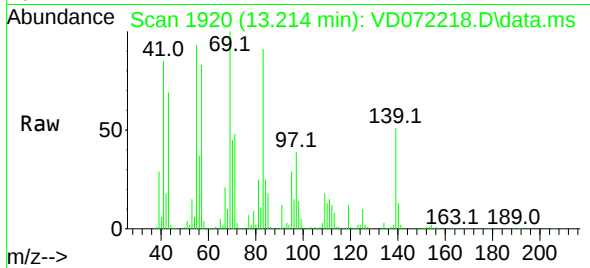




#83
tert-Butylbenzene
Concen: 4.232 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

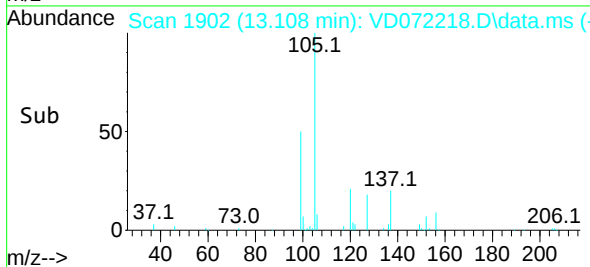
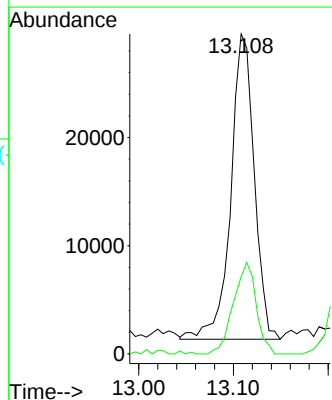
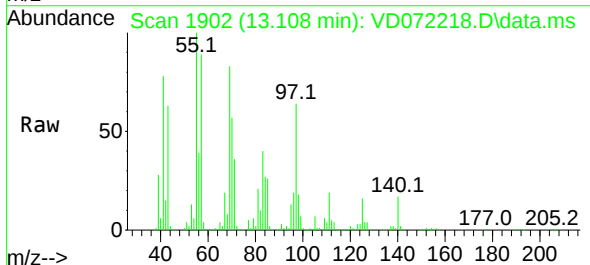
Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-2RE

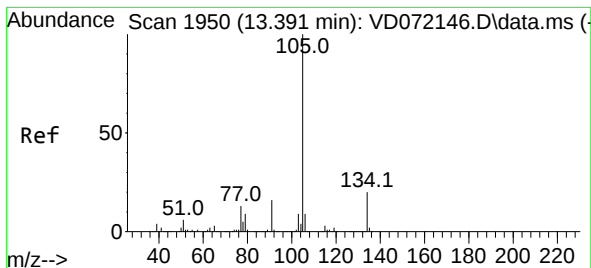
Tgt Ion:119 Resp: 107410
Ion Ratio Lower Upper
119 100
91 102.5 34.8 104.5
134 25.0 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 1.701 ug/l
RT: 13.108 min Scan# 1902
Delta R.T. -0.153 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

Tgt Ion:105 Resp: 48518
Ion Ratio Lower Upper
105 100
120 29.1 22.3 66.8





#85

sec-Butylbenzene

Concen: 25.664 ug/l

RT: 13.390 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VD072218.D

Acq: 16 Mar 2022 15:08

Instrument :

MSVOA_D

ClientSampleId :

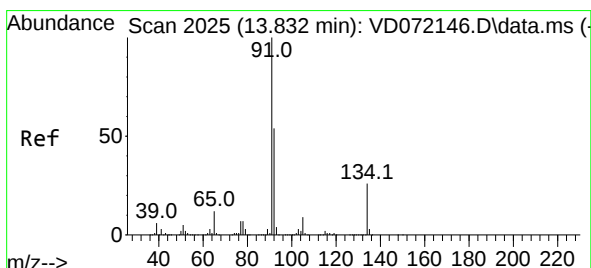
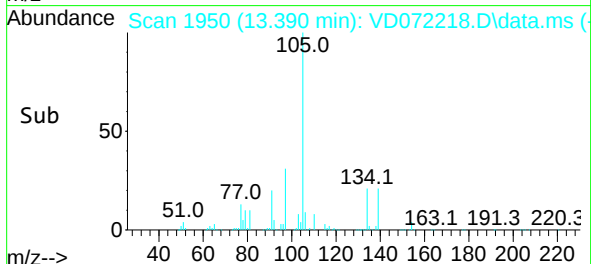
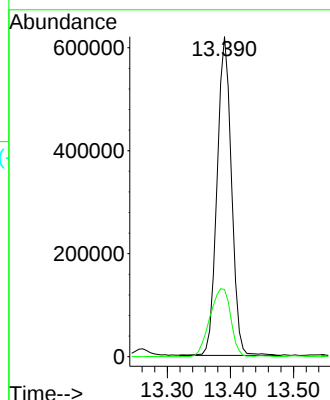
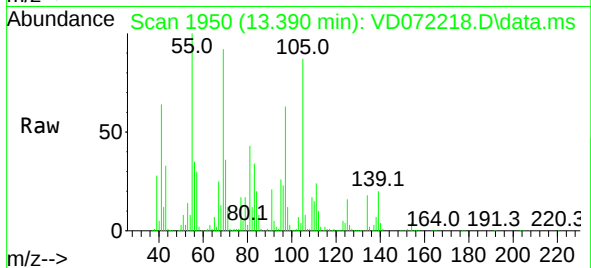
WC-8-9-2RE

Tgt Ion:105 Resp: 978184

Ion Ratio Lower Upper

105 100

134 31.1 9.8 29.3#



#89

n-Butylbenzene

Concen: 8.291 ug/l

RT: 13.832 min Scan# 2025

Delta R.T. -0.000 min

Lab File: VD072218.D

Acq: 16 Mar 2022 15:08

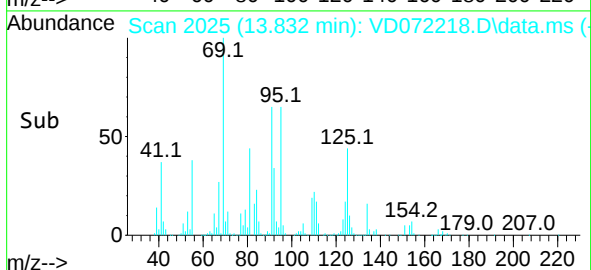
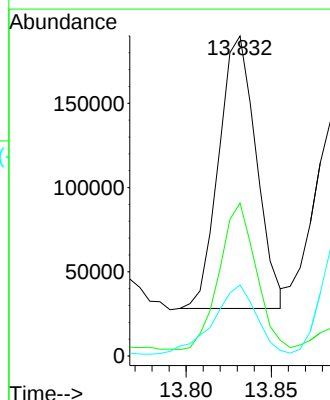
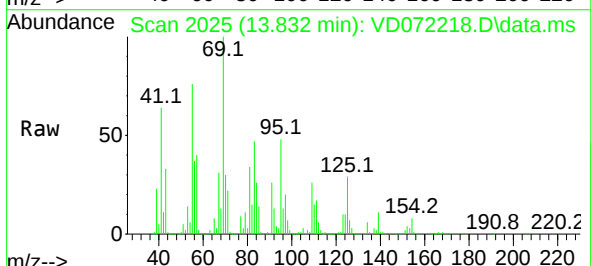
Tgt Ion: 91 Resp: 247846

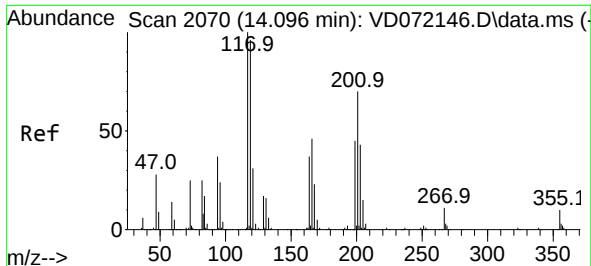
Ion Ratio Lower Upper

91 100

92 52.4 26.6 79.8

134 30.7 12.3 36.9

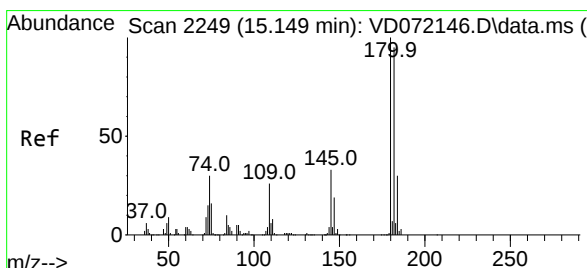
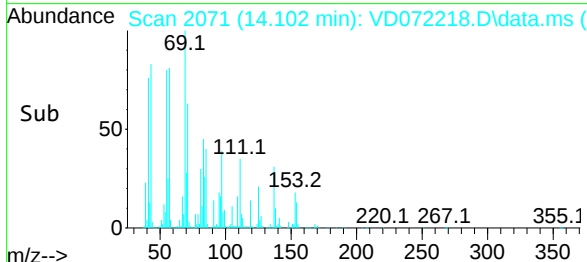
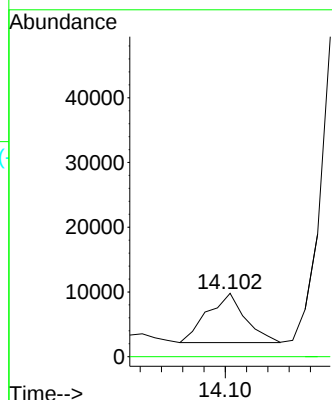
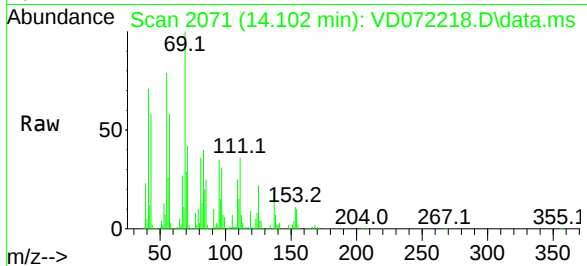




#90
Hexachloroethane
Concen: 1.540 ug/l
RT: 14.102 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

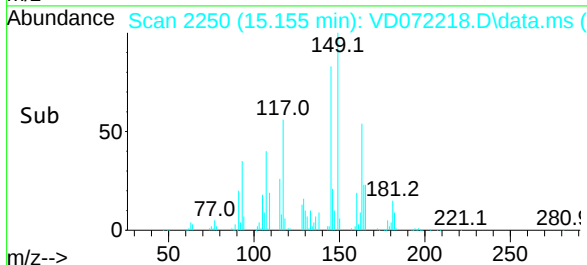
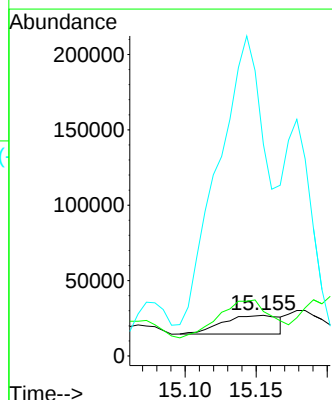
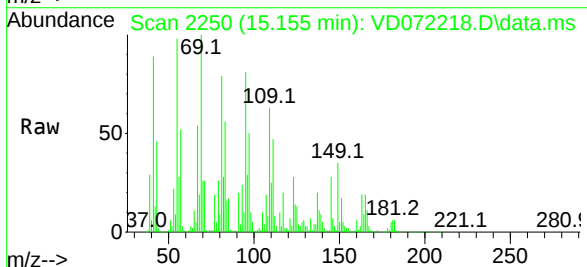
Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-2RE

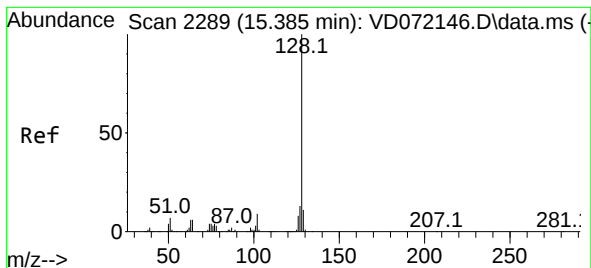
Tgt Ion:117 Resp: 9466
Ion Ratio Lower Upper
117 100
201 0.0 33.4 100.2#



#93
1,2,4-Trichlorobenzene
Concen: 3.728 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. 0.006 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

Tgt Ion:180 Resp: 34209
Ion Ratio Lower Upper
180 100
182 192.3 47.3 142.0#
145 1487.8 16.2 48.5#





#95

Naphthalene

Concen: 2.509 ug/l

RT: 15.349 min Scan# 21

Delta R.T. -0.035 min

Lab File: VD072218.D

Acq: 16 Mar 2022 15:08

Instrument :

MSVOA_D

ClientSampleId :

WC-8-9-2RE

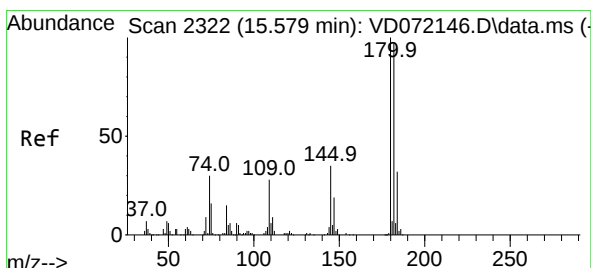
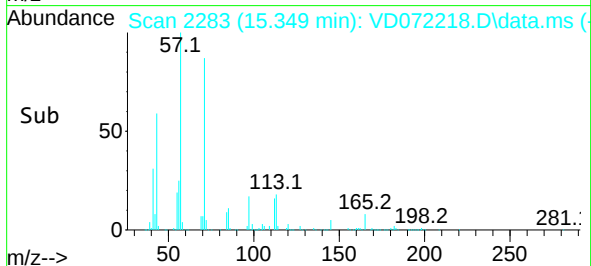
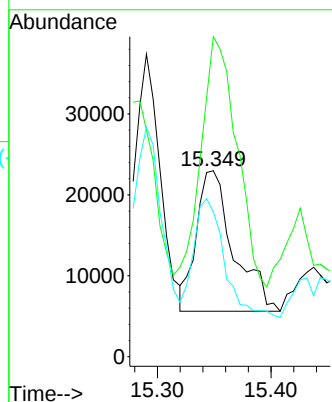
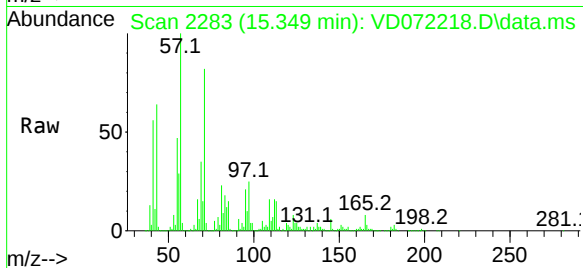
Tgt Ion:128 Resp: 39675

Ion Ratio Lower Upper

128 100

127 170.7 10.3 15.5#

129 69.3 8.4 12.6#



#96

1,2,3-Trichlorobenzene

Concen: 8.154 ug/l

RT: 15.602 min Scan# 2326

Delta R.T. 0.023 min

Lab File: VD072218.D

Acq: 16 Mar 2022 15:08

Tgt Ion:180 Resp: 64756

Ion Ratio Lower Upper

180 100

182 0.0 47.6 142.9#

145 0.0 17.1 51.3#

