

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061522\
 Data File : VD073598.D
 Acq On : 15 Jun 2022 18:31
 Operator : VA/SY
 Sample : N3304-19
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-1A-6

Quant Time: Jun 15 18:38:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	14635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	28531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	26272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	12950	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	12438	79.196	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 158.400%	
35) Dibromofluoromethane	7.908	113	10465	57.041	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.080%	
50) Toluene-d8	10.326	98	39671	57.191	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 114.380%	
62) 4-Bromofluorobenzene	12.620	95	17432	69.225	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 138.440%	

Target Compounds						Qvalue
3) Chloromethane	2.203	50	403	2.816	ug/l #	40
5) Bromomethane	2.785	94	636	6.611	ug/l #	74
10) Methyl Iodide	4.297	142	123	4.797	ug/l #	38
14) Allyl chloride	4.944	41	874	4.111	ug/l #	31
15) Acrylonitrile	5.467	53	62	1.835	ug/l #	17
16) Acetone	4.156	43	1377	49.795	ug/l #	47
18) Methyl Acetate	4.950	43	1655	22.018	ug/l #	55
20) Methylene Chloride	4.938	84	132	Below Cal	#	43
25) 2-Butanone	7.197	43	775	19.047	ug/l #	52
26) 2,2-Dichloropropane	7.191	77	274	1.039	ug/l #	54
29) Tetrahydrofuran	7.791	42	65	2.504	ug/l #	38
31) Cyclohexane	7.967	56	5943	22.463	ug/l #	78
36) 1,1-Dichloropropene	7.967	75	1467	5.324	ug/l #	49
38) Carbon Tetrachloride	7.973	117	1925	6.678	ug/l #	13
39) Methylcyclohexane	9.344	83	45050	140.295	ug/l	95
41) Methacrylonitrile	7.514	41	115	1.906	ug/l #	27
43) Isopropyl Acetate	8.455	43	2840	13.262	ug/l #	54
46) Dibromomethane	9.479	93	604	5.400	ug/l #	64
47) Bromodichloromethane	9.655	83	697	2.487	ug/l #	81
48) Methyl methacrylate	9.402	41	2678	25.245	ug/l #	46
51) 4-Methyl-2-Pentanone	10.208	43	294	2.713	ug/l #	39
52) Toluene	10.467	92	518	1.008	ug/l	93
55) 1,1,2-Trichloroethane	10.767	97	17429	109.252	ug/l #	16
56) Ethyl methacrylate	10.632	69	4731	25.884	ug/l #	28
59) 2-Hexanone	10.943	43	18817	253.563	ug/l #	34
60) Dibromochloromethane	11.255	129	2068	10.503	ug/l	70
61) 1,2-Dibromoethane	11.426	107	528	3.474	ug/l	84
64) Tetrachloroethene	10.879	164	304	1.700	ug/l #	1
65) Chlorobenzene	11.667	112	1410	2.608	ug/l #	42
66) 1,1,1,2-Tetrachloroethane	11.520	131	781	3.808	ug/l	86
71) Bromoform	12.355	173	1803	16.077	ug/l #	98
74) N-amyl acetate	12.255	43	34110	170.820	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	12.708	83	9970	58.510	ug/l #	50
76) 1,2,3-Trichloropropane	12.861	75	810	6.439	ug/l #	100
77) Bromobenzene	12.926	156	192013	875.917	ug/l #	1
78) n-propylbenzene	12.708	91	2425	2.170	ug/l	90

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

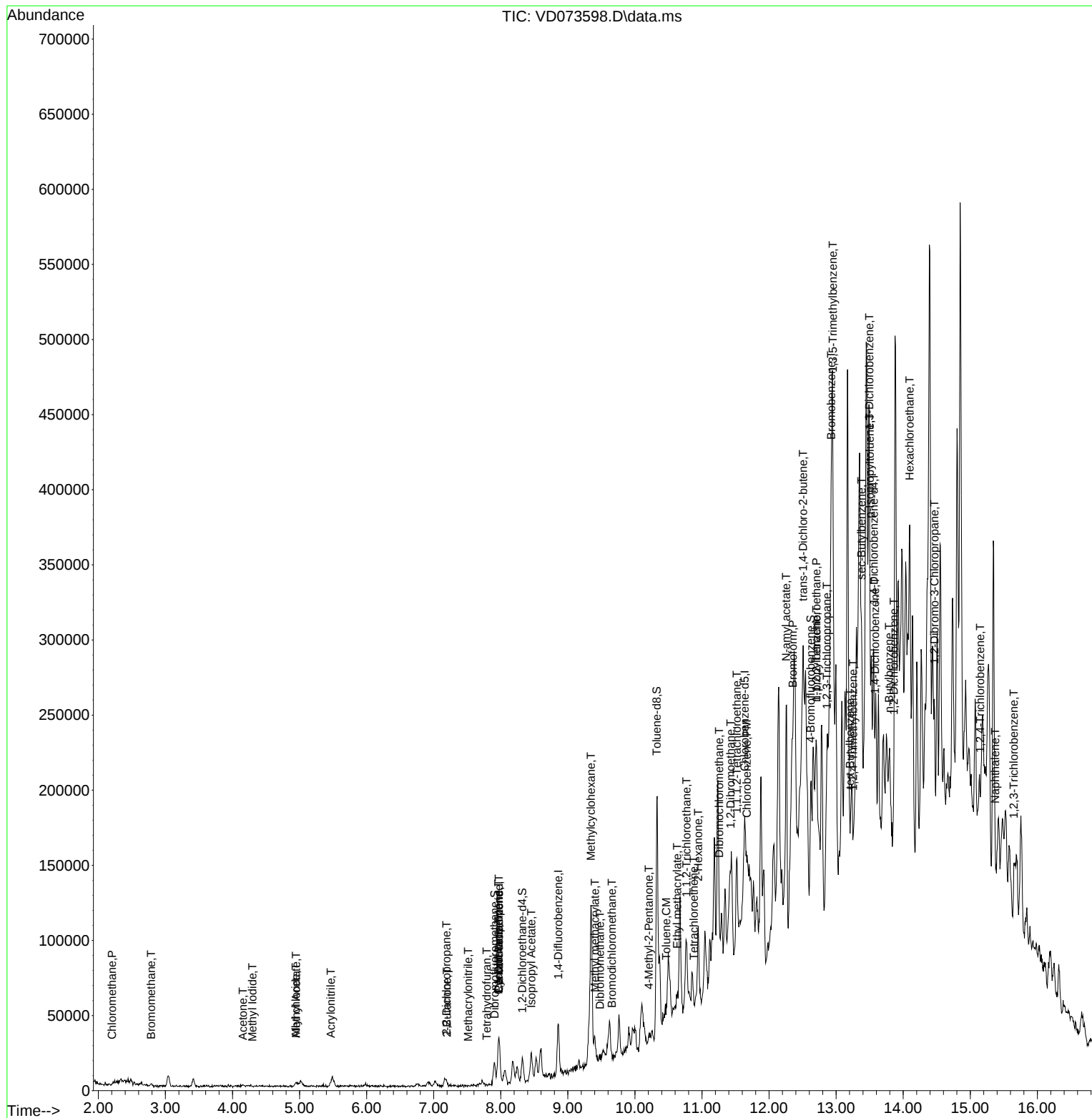
80) 1,3,5-Trimethylbenzene	12.949	105	17559	22.681	ug/l	82
81) trans-1,4-Dichloro-2-b...	12.508	75	1842	34.367	ug/l #	27
83) tert-Butylbenzene	13.208	119	1833	2.801	ug/l #	6
84) 1,2,4-Trimethylbenzene	13.255	105	2840	3.676	ug/l	84
85) sec-Butylbenzene	13.379	105	2046	2.087	ug/l	85
86) p-Isopropyltoluene	13.502	119	16026	19.614	ug/l	94
87) 1,3-Dichlorobenzene	13.496	146	559	1.249	ug/l #	1
88) 1,4-Dichlorobenzene	13.579	146	2608	5.890	ug/l #	1
89) n-Butylbenzene	13.790	91	7305	9.478	ug/l #	1
90) Hexachloroethane	14.096	117	4289	25.348	ug/l #	17
91) 1,2-Dichlorobenzene	13.861	146	828	2.145	ug/l #	57
92) 1,2-Dibromo-3-Chloropr...	14.467	75	371	13.633	ug/l #	19
93) 1,2,4-Trichlorobenzene	15.149	180	512	2.215	ug/l #	1
95) Naphthalene	15.373	128	1498	7.137	ug/l #	52
96) 1,2,3-Trichlorobenzene	15.649	180	1087	5.385	ug/l	62

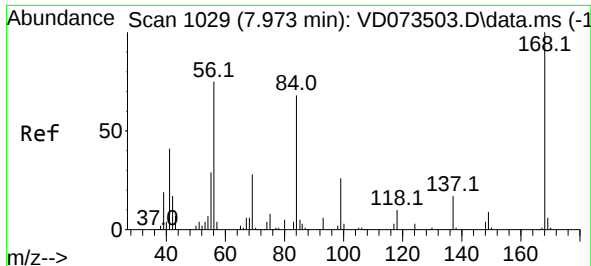
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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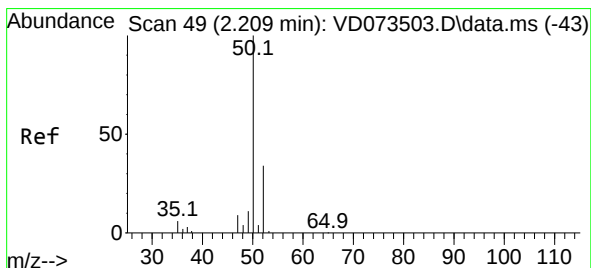
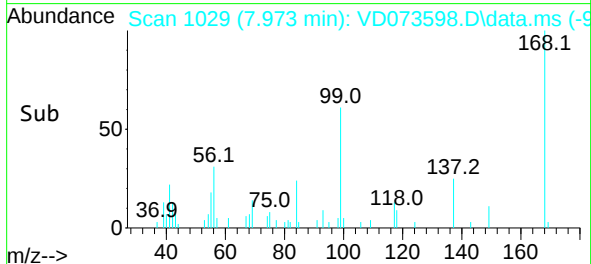
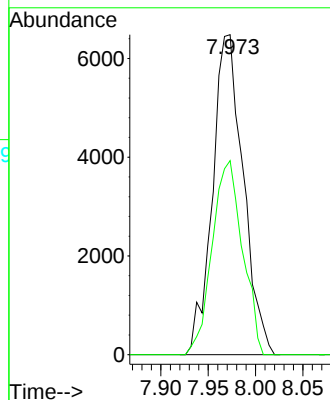
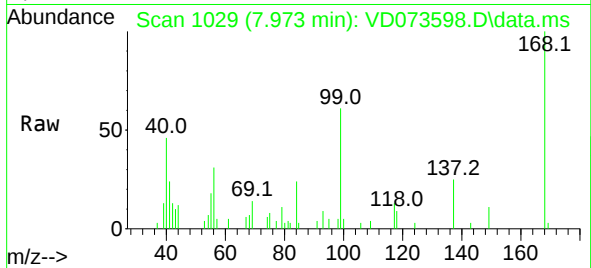




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

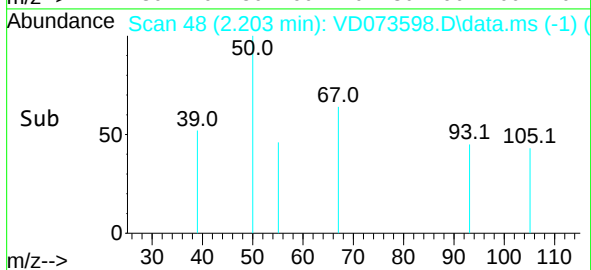
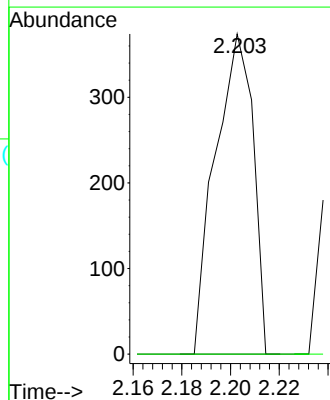
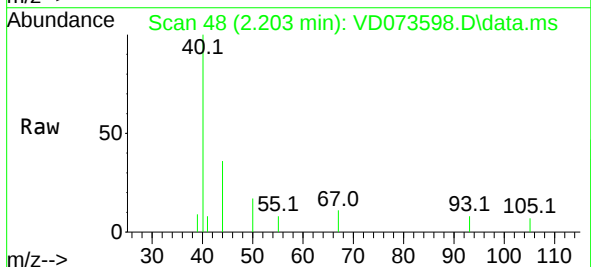
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MSVOA_D
ClientSampleId :
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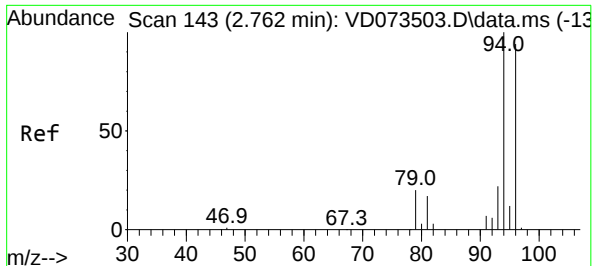
Tgt Ion:168 Resp: 14635
Ion Ratio Lower Upper
168 100
99 60.6 49.8 74.6



#3
Chloromethane
Concen: 2.816 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

Tgt Ion: 50 Resp: 403
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#

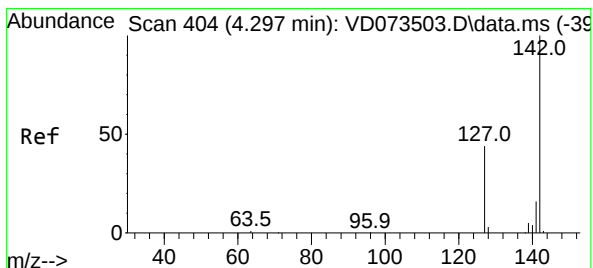
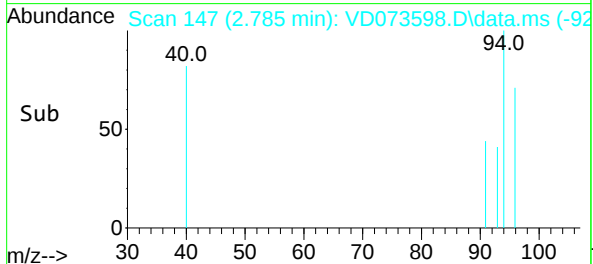
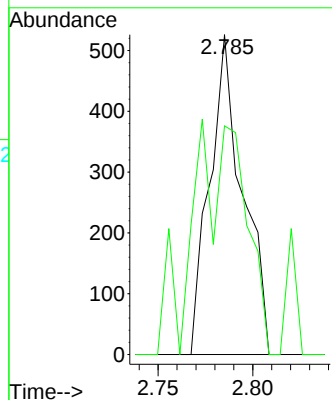
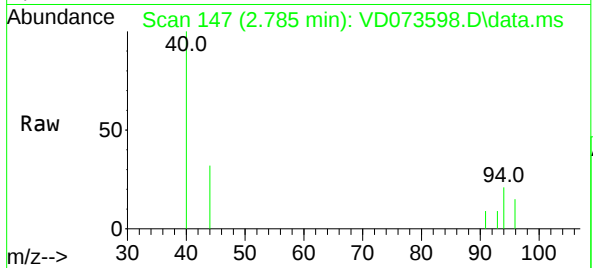




#5
Bromomethane
Concen: 6.611 ug/l
RT: 2.785 min Scan# 14
Delta R.T. 0.023 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

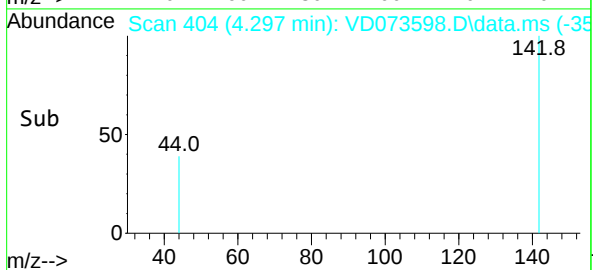
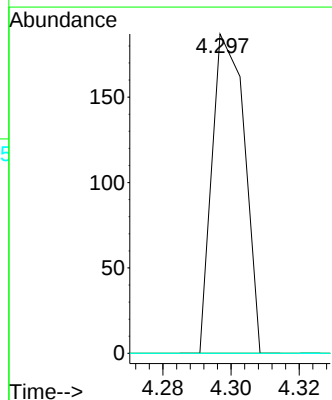
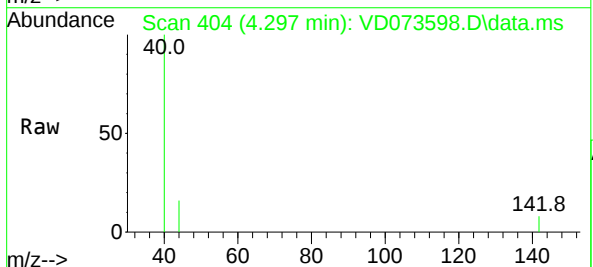
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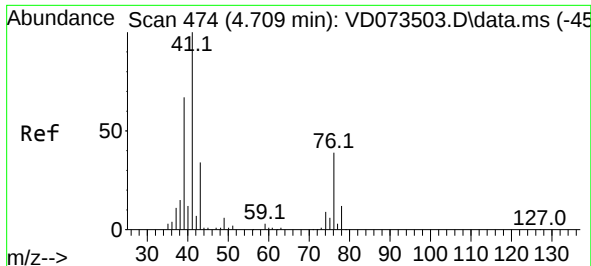
Tgt Ion: 94 Resp: 636
Ion Ratio Lower Upper
94 100
96 71.5 77.6 116.4#



#10
Methyl Iodide
Concen: 4.797 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

Tgt Ion: 142 Resp: 123
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#

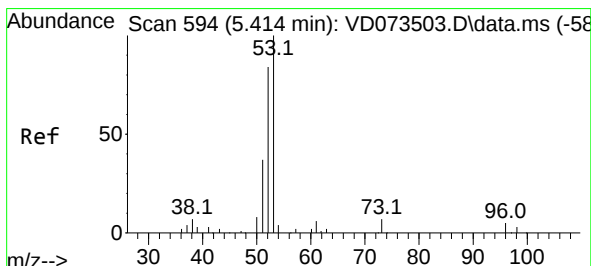
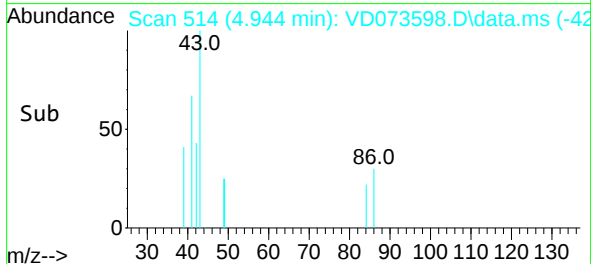
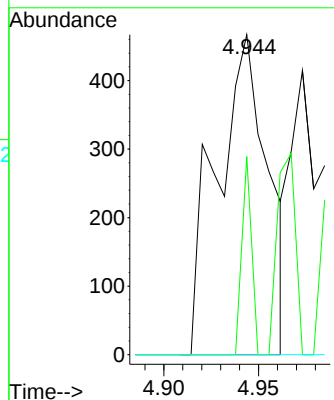
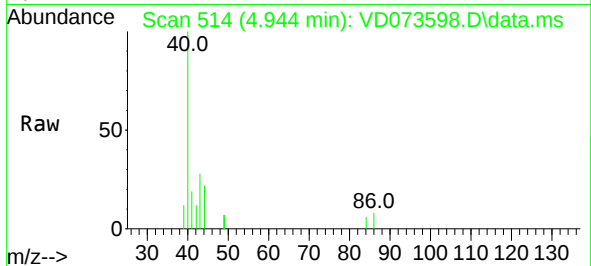




#14
 Allyl chloride
 Concen: 4.111 ug/l
 RT: 4.944 min Scan# 51
 Delta R.T. 0.235 min
 Lab File: VD073598.D
 Acq: 15 Jun 2022 18:31

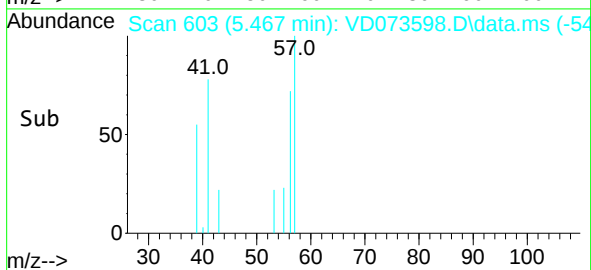
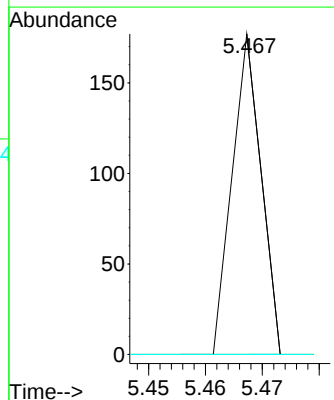
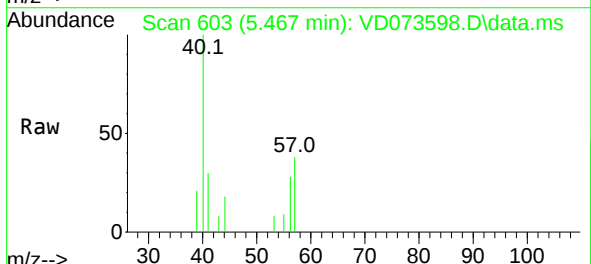
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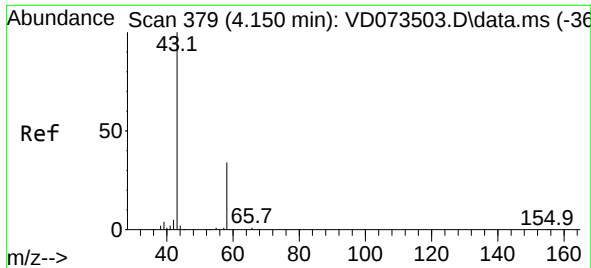
Tgt Ion: 41 Resp: 874
 Ion Ratio Lower Upper
 41 100
 39 11.7 59.3 88.9#
 76 0.0 25.7 38.5#



#15
 Acrylonitrile
 Concen: 1.835 ug/l
 RT: 5.467 min Scan# 603
 Delta R.T. 0.053 min
 Lab File: VD073598.D
 Acq: 15 Jun 2022 18:31

Tgt Ion: 53 Resp: 62
 Ion Ratio Lower Upper
 53 100
 52 0.0 67.2 100.8#
 51 0.0 30.3 45.5#

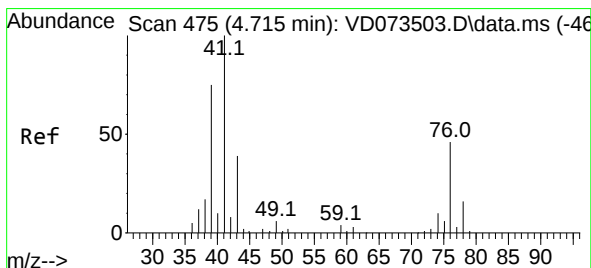
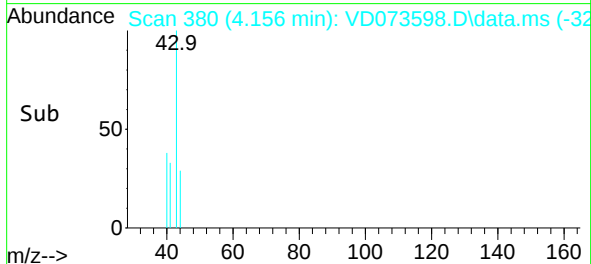
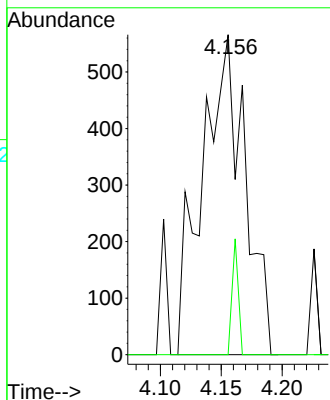
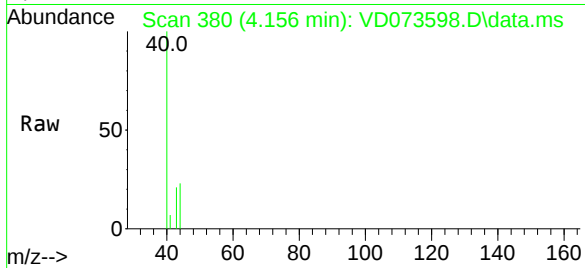




#16
Acetone
Concen: 49.795 ug/l
RT: 4.156 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

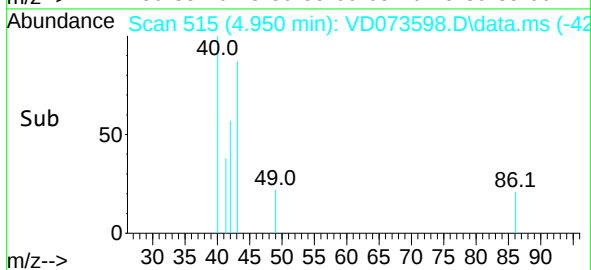
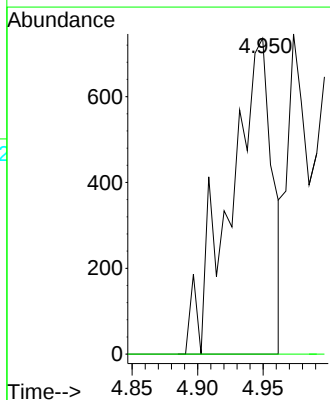
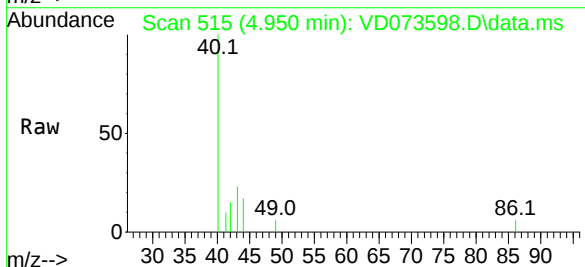
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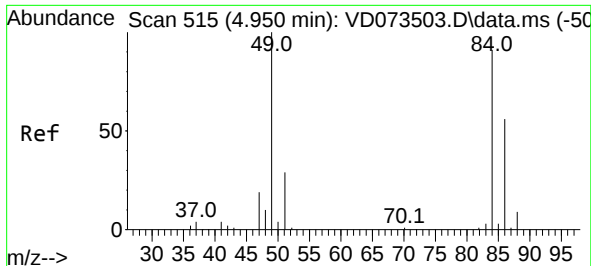
Tgt Ion: 43 Resp: 1377
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#18
Methyl Acetate
Concen: 22.018 ug/l
RT: 4.950 min Scan# 515
Delta R.T. 0.235 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

Tgt Ion: 43 Resp: 1655
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#

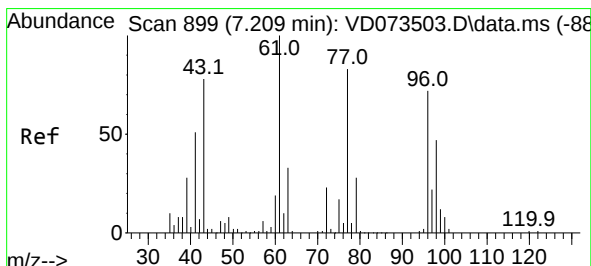
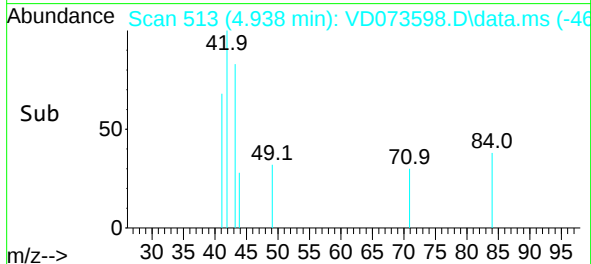
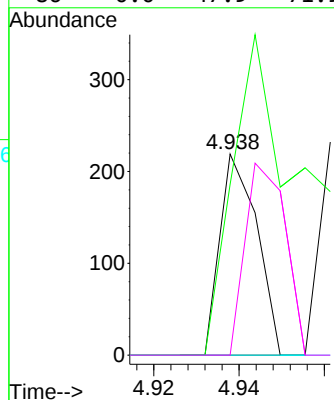
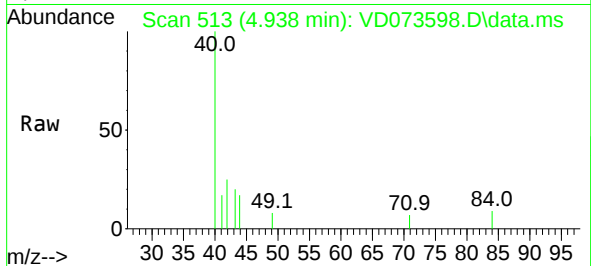




#20
Methylene Chloride
Concen: Below Cal
RT: 4.938 min Scan# 515
Delta R.T. -0.012 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

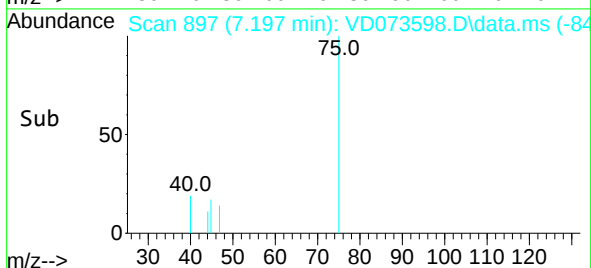
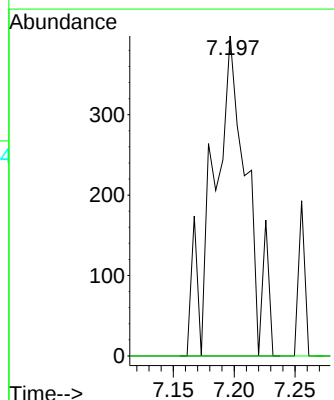
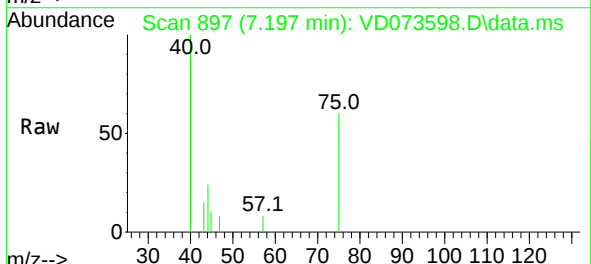
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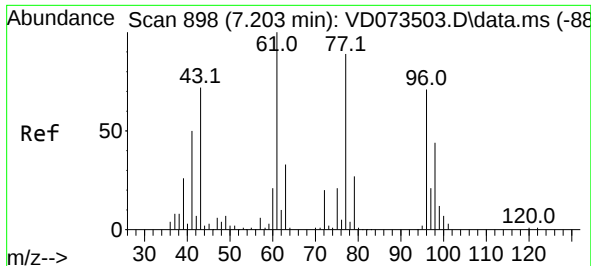
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Ion Ratio	Lower Upper
84 100	
49 84.9	112.8 169.2#
51 0.0	32.6 48.8#
86 0.0	47.9 71.9#



#25
2-Butanone
Concen: 19.047 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.012 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

Tgt Ion: 43	Resp: 775		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	18.6	27.8#	

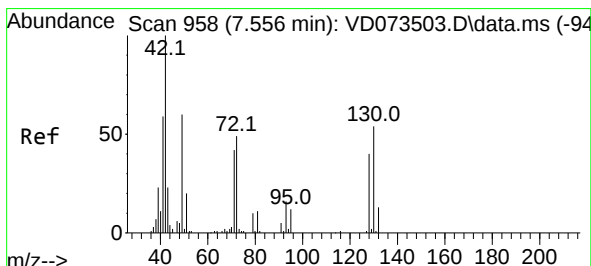
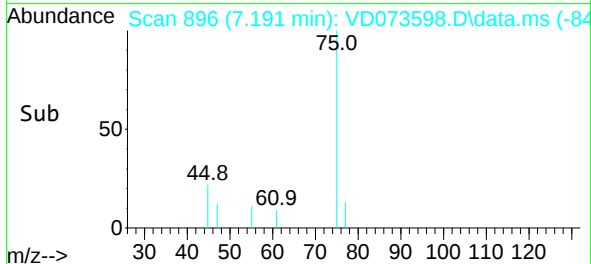
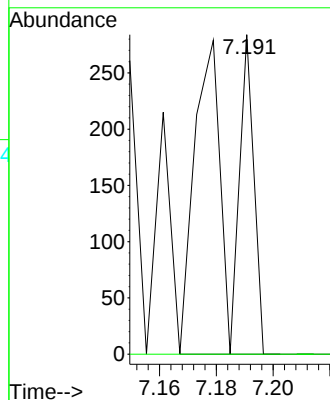
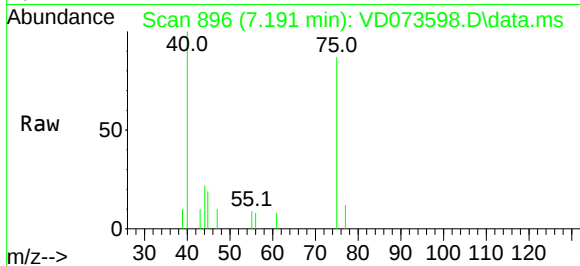




#26
2,2-Dichloropropane
Concen: 1.039 ug/l
RT: 7.191 min Scan# 898
Delta R.T. -0.012 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

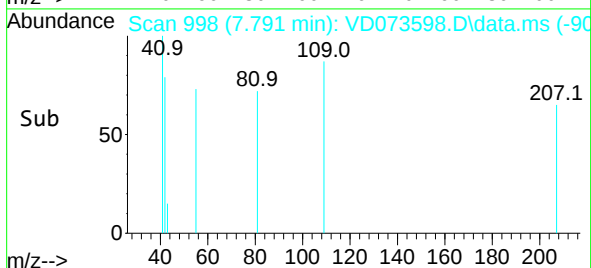
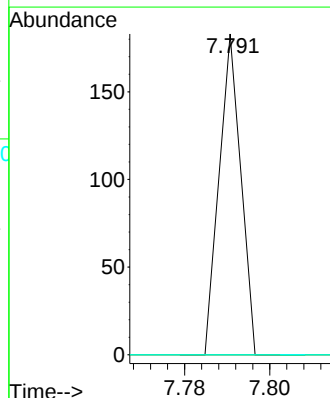
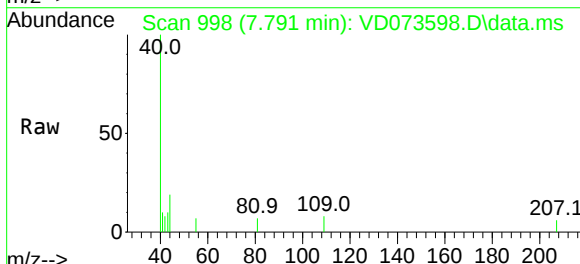
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ClientSampleId :
WC-14A-1A-6

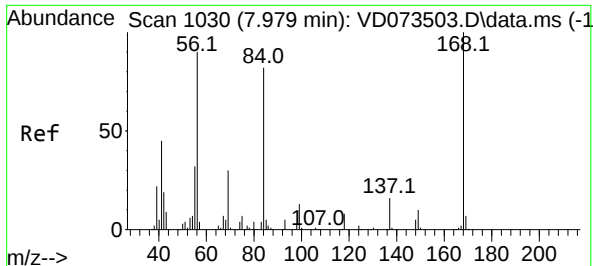
Tgt Ion: 77 Resp: 274
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.4#



#29
Tetrahydrofuran
Concen: 2.504 ug/l
RT: 7.791 min Scan# 998
Delta R.T. 0.235 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

Tgt Ion: 42 Resp: 65
Ion Ratio Lower Upper
42 100
72 0.0 30.7 46.1#
71 0.0 28.6 43.0#

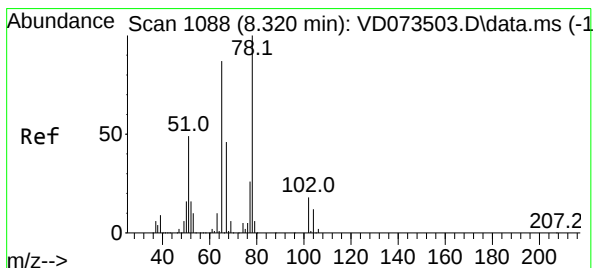
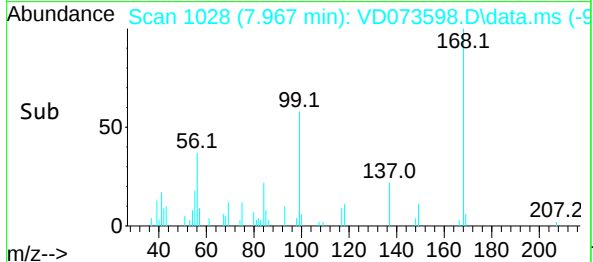
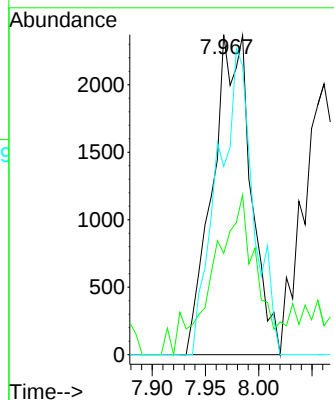
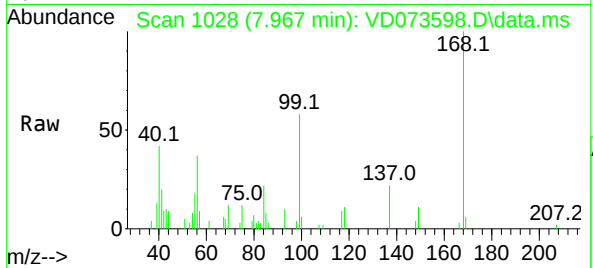




#31
Cyclohexane
Concen: 22.463 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

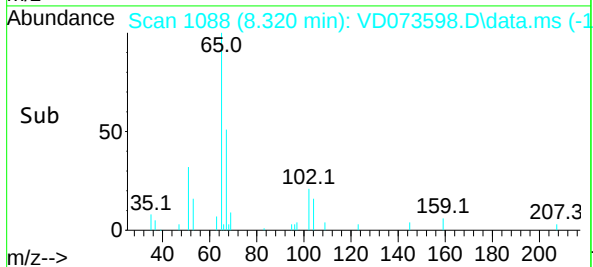
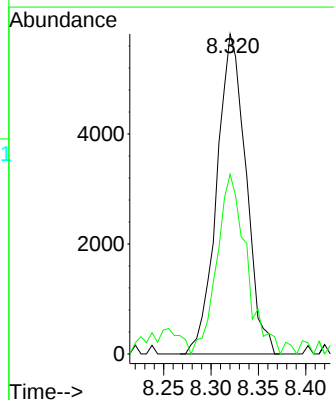
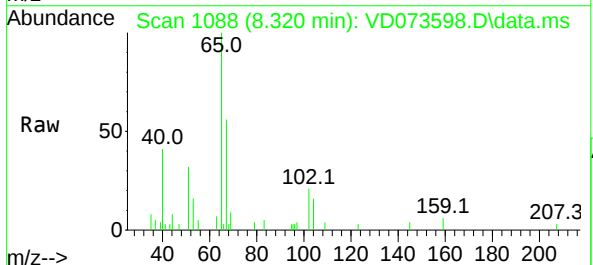
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-6

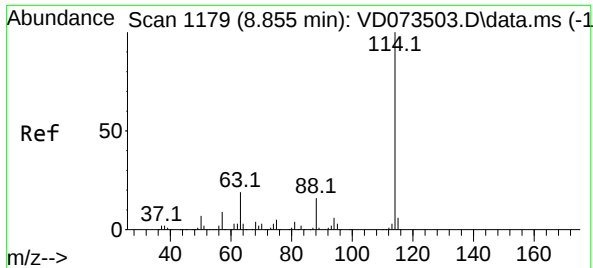
Tgt Ion: 56 Resp: 5943
Ion Ratio Lower Upper
56 100
69 21.4 25.4 38.2#
84 58.8 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 79.196 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

Tgt Ion: 65 Resp: 12438
Ion Ratio Lower Upper
65 100
67 56.6 0.0 101.4

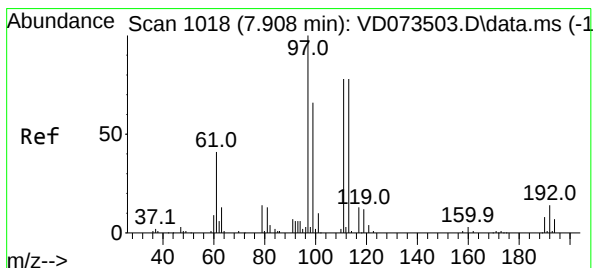
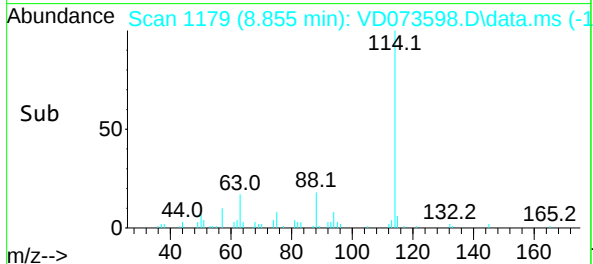
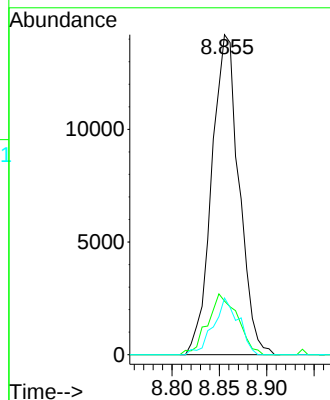
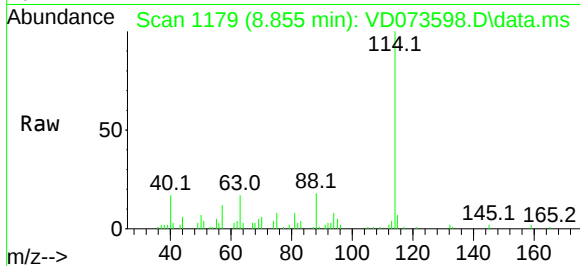




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

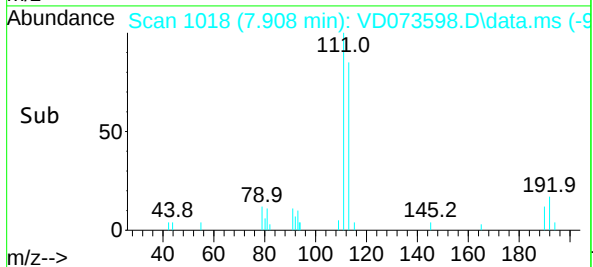
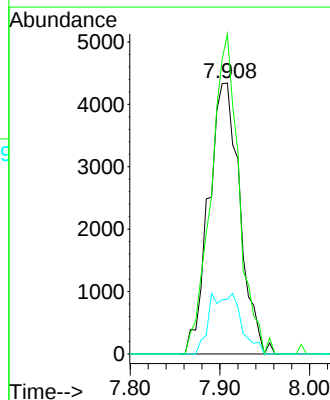
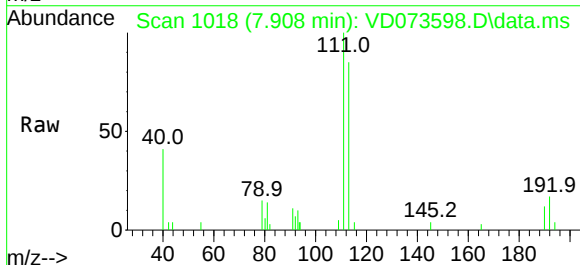
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-6

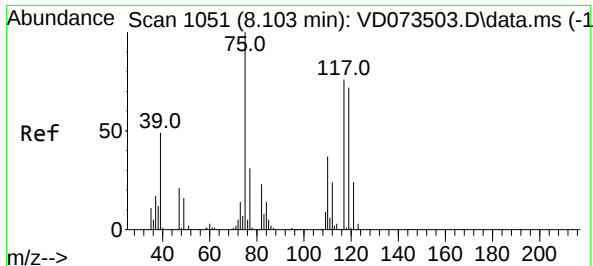
Tgt Ion:	114	Resp:	28531
Ion Ratio	Lower	Upper	
114	100		
63	16.8	0.0	46.6
88	17.7	0.0	33.2



#35
Dibromofluoromethane
Concen: 57.041 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

Tgt Ion:	113	Resp:	10465
Ion Ratio	Lower	Upper	
113	100		
111	105.9	83.8	125.6
192	22.6	14.6	21.8





#36

1,1-Dichloropropene

Concen: 5.324 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.136 min

Lab File: VD073598.D

Acq: 15 Jun 2022 18:31

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-6

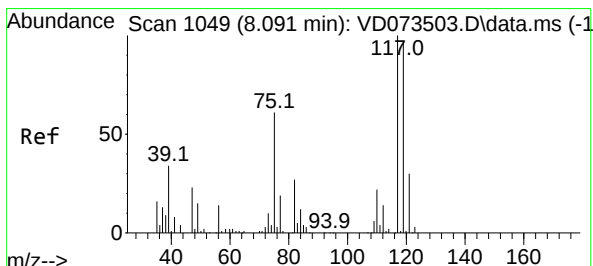
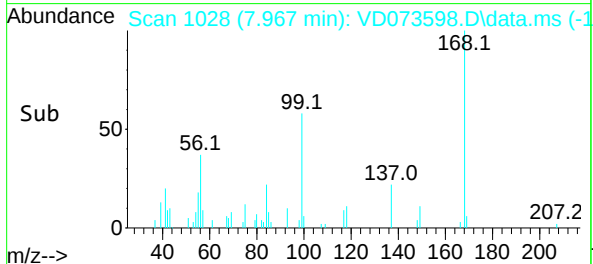
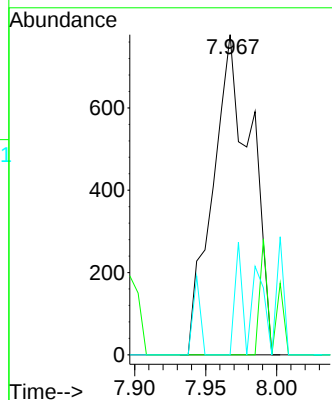
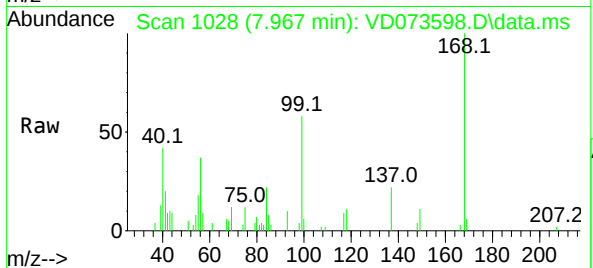
Tgt Ion: 75 Resp: 1467

Ion Ratio Lower Upper

75 100

110 0.0 16.4 49.1#

77 6.6 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 6.678 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD073598.D

Acq: 15 Jun 2022 18:31

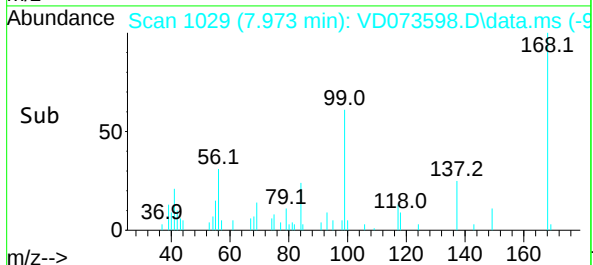
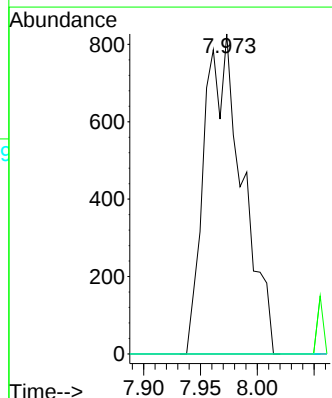
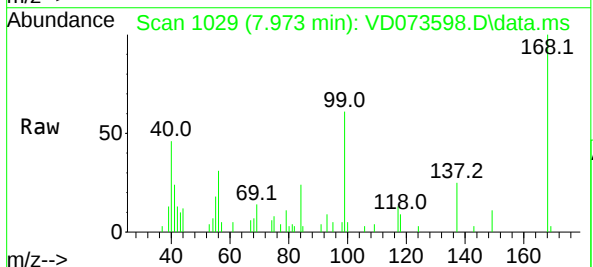
Tgt Ion: 117 Resp: 1925

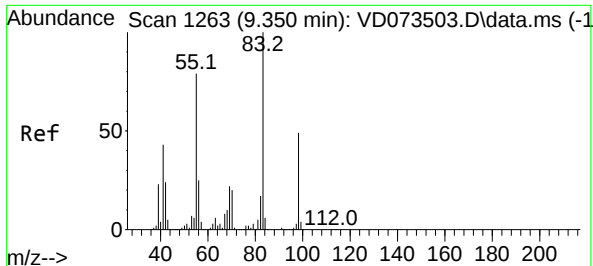
Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.6#

121 0.0 24.5 36.7#





#39

Methylcyclohexane

Concen: 140.295 ug/l

RT: 9.344 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073598.D

Acq: 15 Jun 2022 18:31

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-6

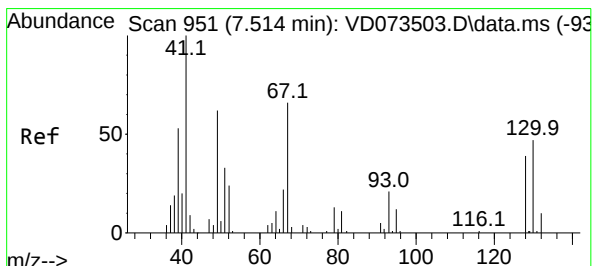
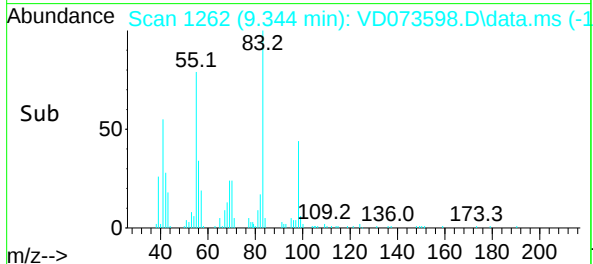
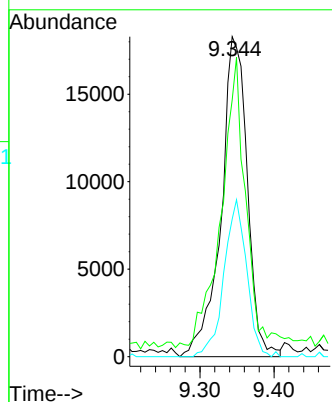
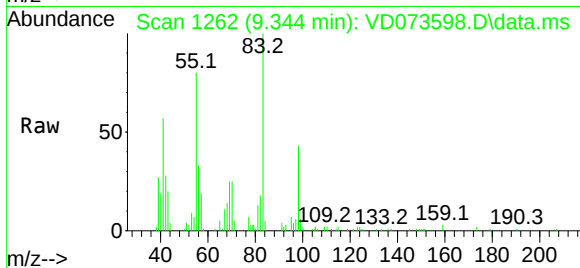
Tgt Ion: 83 Resp: 45050

Ion Ratio Lower Upper

83 100

55 75.9 63.2 94.8

98 43.0 38.2 57.4



#41

Methacrylonitrile

Concen: 1.906 ug/l

RT: 7.514 min Scan# 951

Delta R.T. 0.000 min

Lab File: VD073598.D

Acq: 15 Jun 2022 18:31

Tgt Ion: 41 Resp: 115

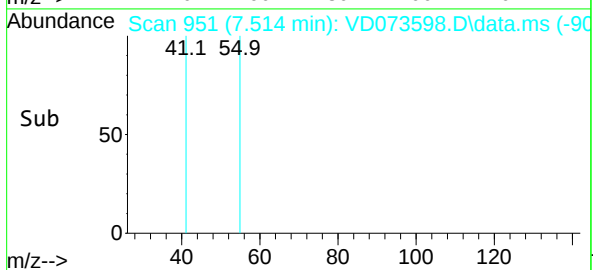
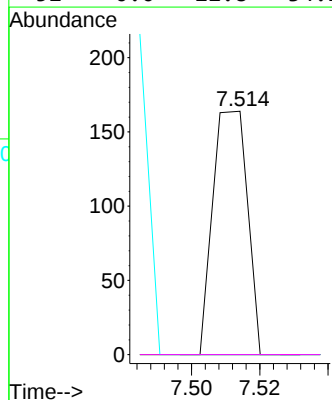
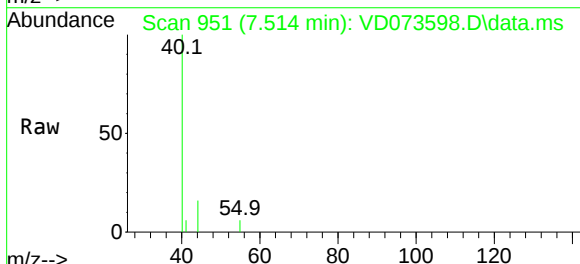
Ion Ratio Lower Upper

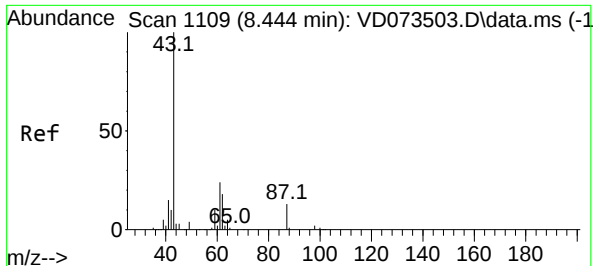
41 100

39 0.0 44.6 67.0#

67 0.0 48.2 72.4#

52 0.0 22.8 34.2#





#43

Isopropyl Acetate

Concen: 13.262 ug/l

RT: 8.455 min Scan# 1111

Delta R.T. 0.011 min

Lab File: VD073598.D

Acq: 15 Jun 2022 18:31

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-6

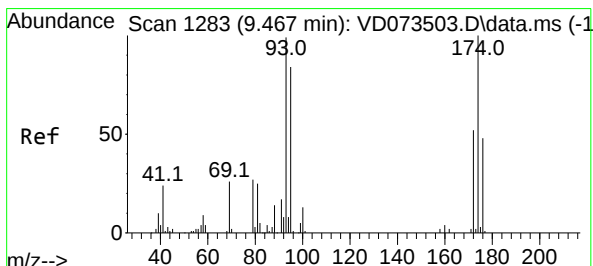
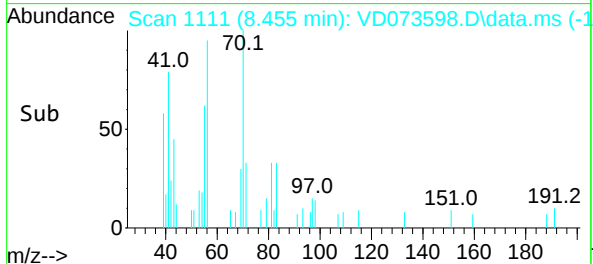
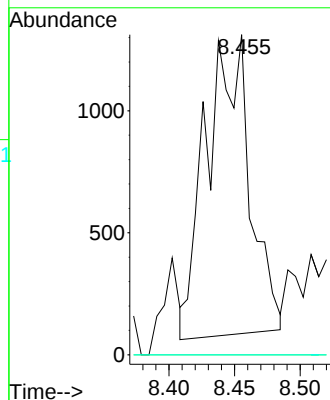
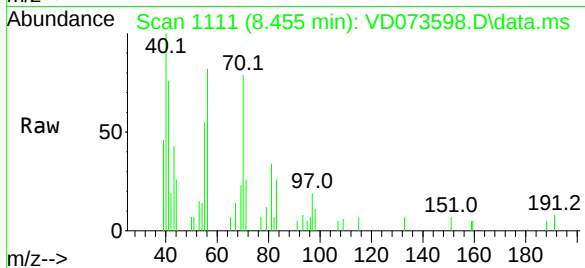
Tgt Ion: 43 Resp: 2840

Ion Ratio Lower Upper

43 100

61 0.0 22.4 33.6#

87 0.0 8.7 13.1#



#46

Dibromomethane

Concen: 5.400 ug/l

RT: 9.479 min Scan# 1285

Delta R.T. 0.012 min

Lab File: VD073598.D

Acq: 15 Jun 2022 18:31

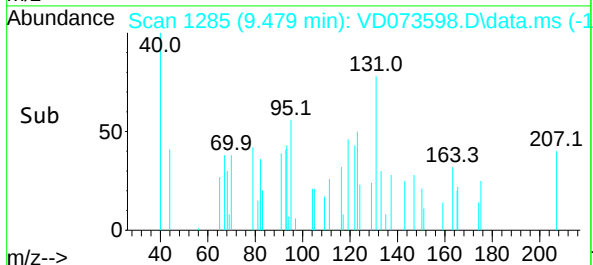
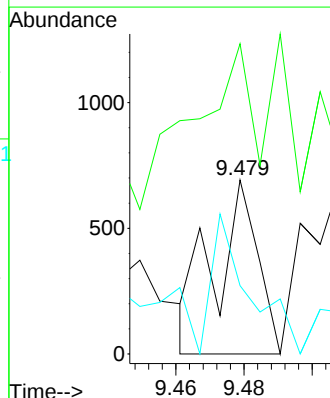
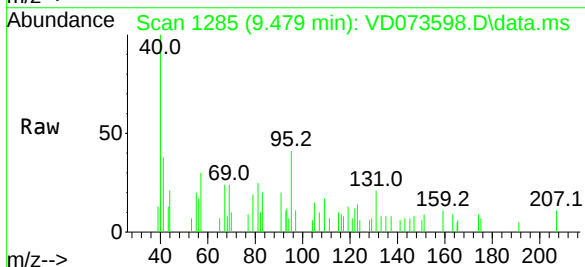
Tgt Ion: 93 Resp: 604

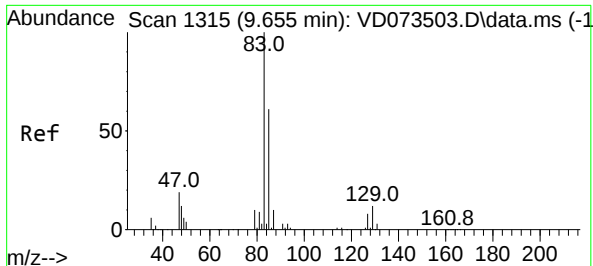
Ion Ratio Lower Upper

93 100

95 131.3 66.7 100.1#

174 71.0 71.6 107.4#





#47

Bromodichloromethane

Concen: 2.487 ug/l

RT: 9.655 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073598.D

Acq: 15 Jun 2022 18:31

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-6

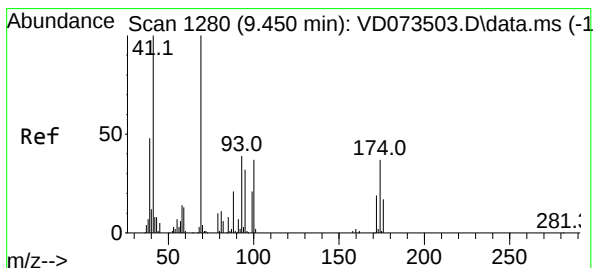
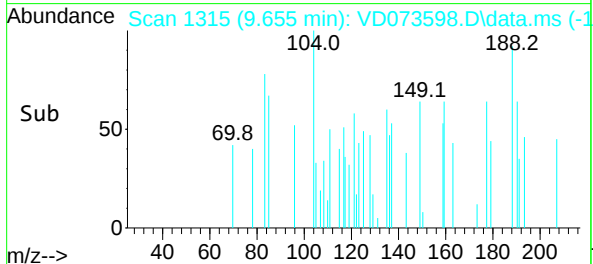
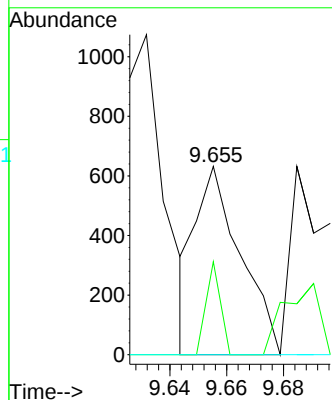
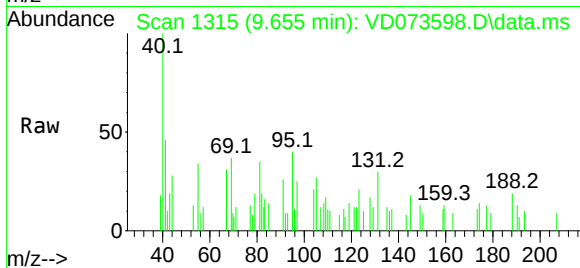
Tgt Ion: 83 Resp: 697

Ion Ratio Lower Upper

83 100

85 49.4 51.4 77.0#

127 0.0 6.1 9.1#



#48

Methyl methacrylate

Concen: 25.245 ug/l

RT: 9.402 min Scan# 1272

Delta R.T. -0.048 min

Lab File: VD073598.D

Acq: 15 Jun 2022 18:31

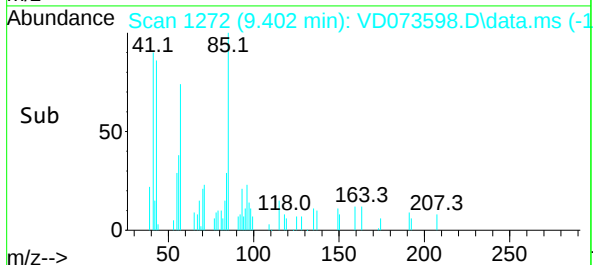
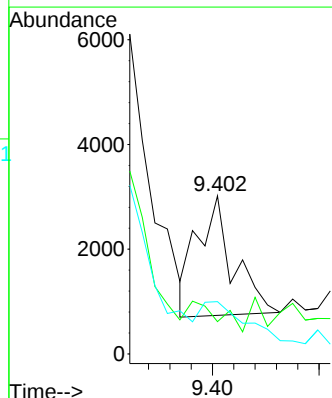
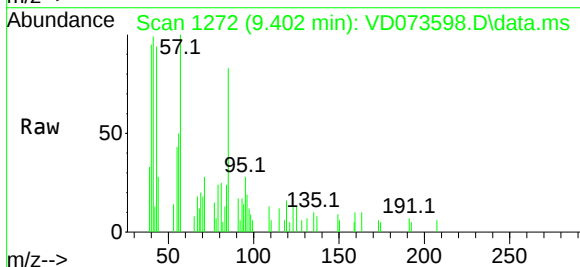
Tgt Ion: 41 Resp: 2678

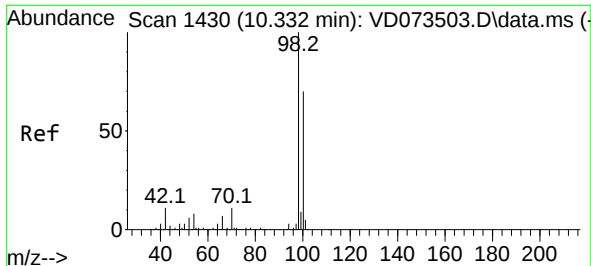
Ion Ratio Lower Upper

41 100

69 0.0 56.7 85.1#

39 44.2 42.7 64.1

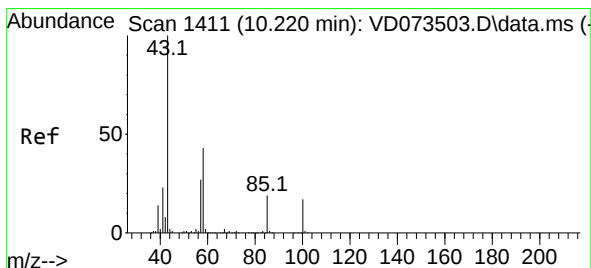
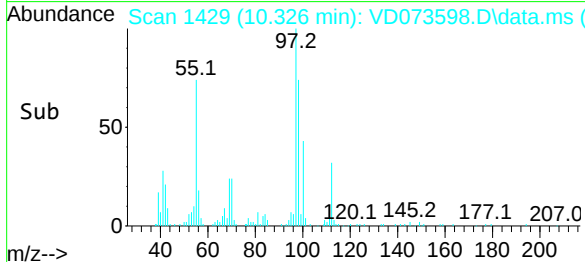
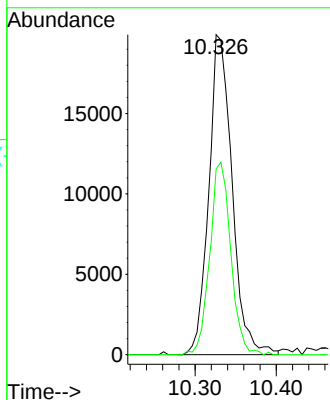
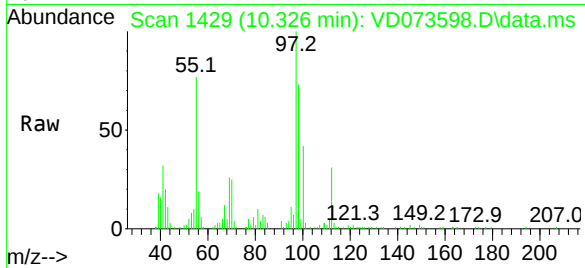




#50
Toluene-d8
Concen: 57.191 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

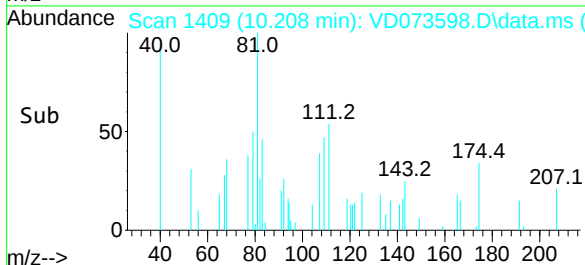
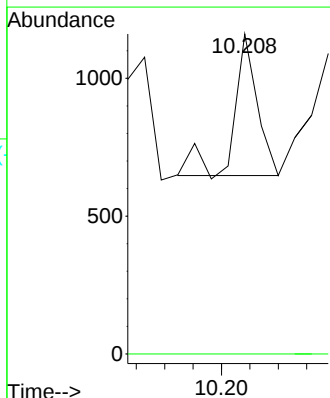
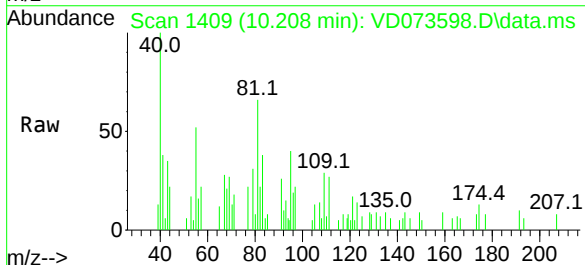
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-6

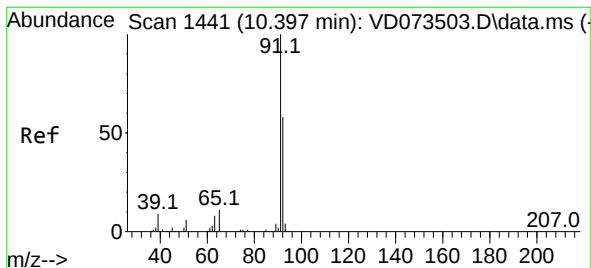
Tgt Ion: 98 Resp: 39671
Ion Ratio Lower Upper
98 100
100 54.4 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 2.713 ug/l
RT: 10.208 min Scan# 1409
Delta R.T. -0.012 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

Tgt Ion: 43 Resp: 294
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#





#52

Toluene

Concen: 1.008 ug/l

RT: 10.467 min Scan# 1441

Delta R.T. 0.070 min

Lab File: VD073598.D

Acq: 15 Jun 2022 18:31

Instrument :

MSVOA_D

ClientSampleId :

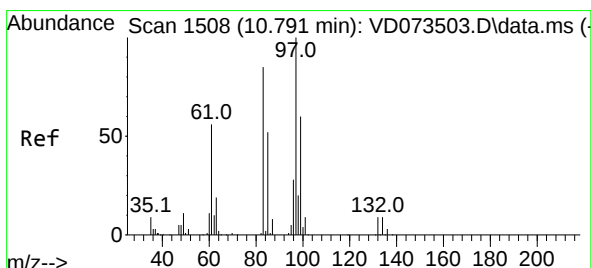
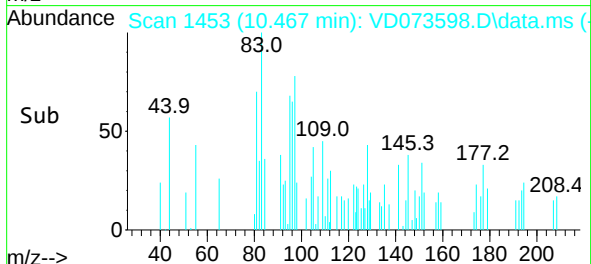
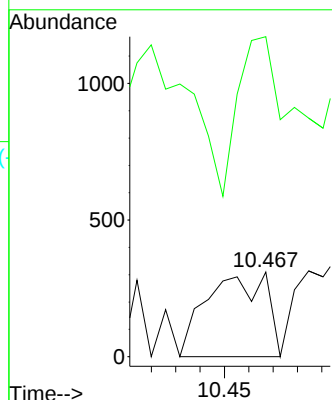
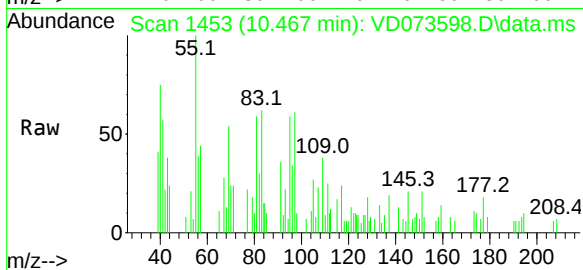
WC-14A-1A-6

Tgt Ion: 92 Resp: 518

Ion Ratio Lower Upper

92 100

91 164.9 139.6 209.4



#55

1,1,2-Trichloroethane

Concen: 109.252 ug/l

RT: 10.767 min Scan# 1504

Delta R.T. -0.024 min

Lab File: VD073598.D

Acq: 15 Jun 2022 18:31

Tgt Ion: 97 Resp: 17429

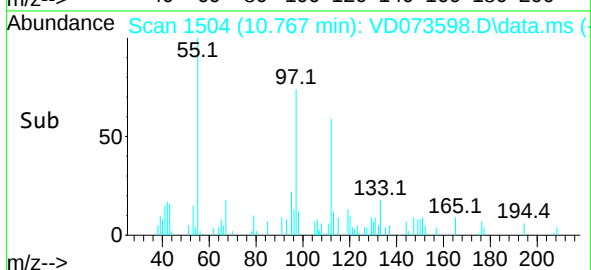
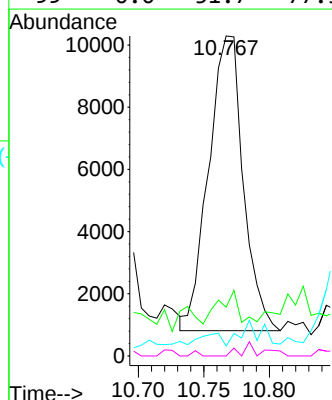
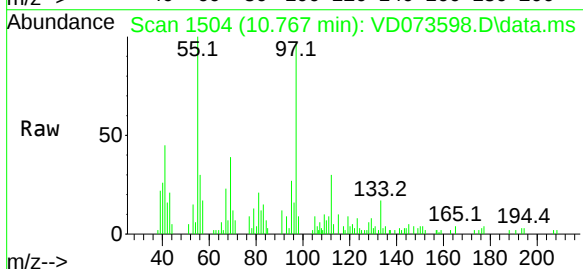
Ion Ratio Lower Upper

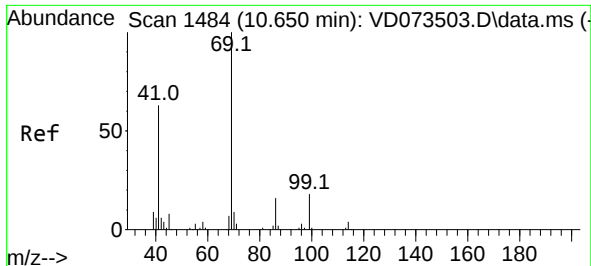
97 100

83 2.4 69.0 103.4#

85 0.0 42.6 63.8#

99 0.0 51.7 77.5#

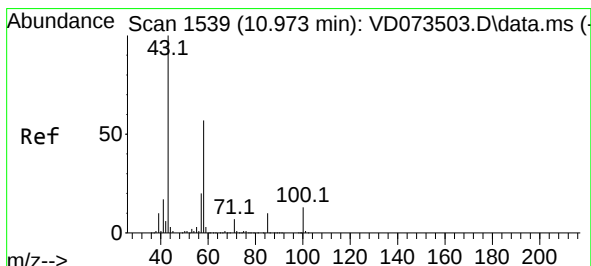
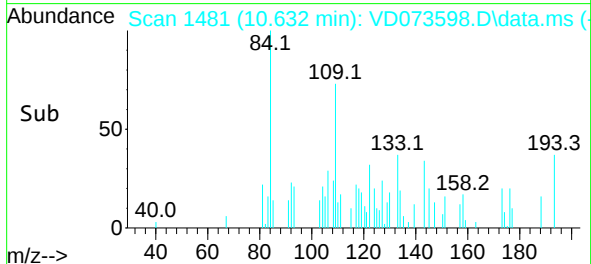
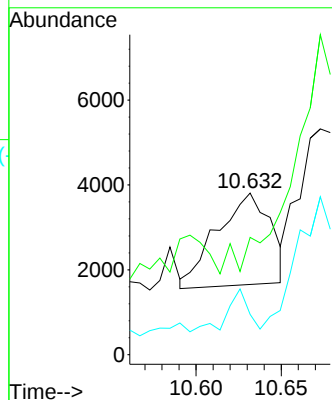
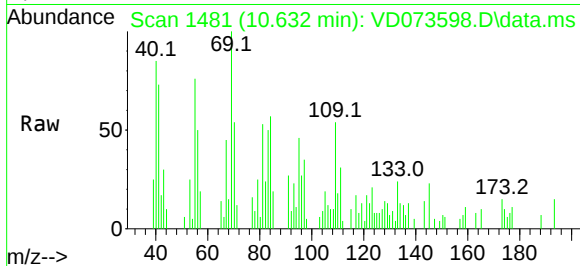




#56
Ethyl methacrylate
Concen: 25.884 ug/l
RT: 10.632 min Scan# 1481
Delta R.T. -0.018 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

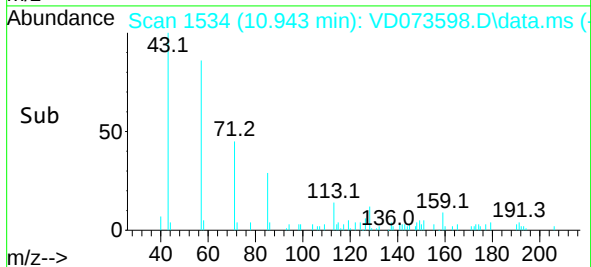
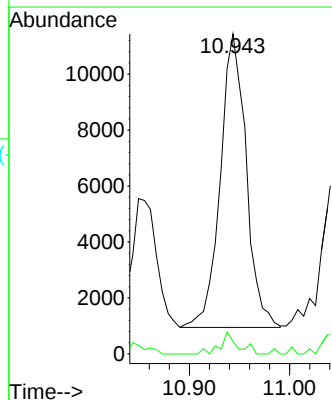
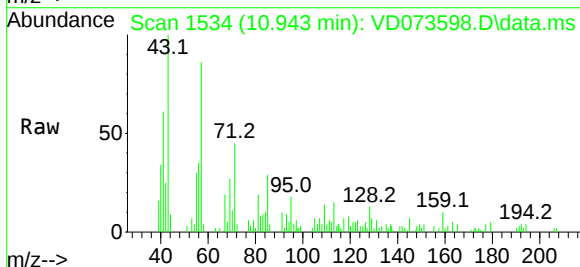
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-6

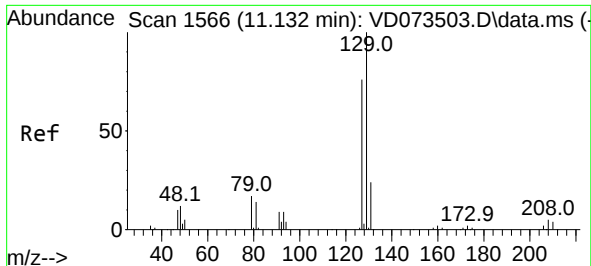
Tgt Ion: 69 Resp: 4731
Ion Ratio Lower Upper
69 100
41 0.0 63.0 94.6#
39 18.4 33.8 50.8#



#59
2-Hexanone
Concen: 253.563 ug/l
RT: 10.943 min Scan# 1534
Delta R.T. -0.030 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

Tgt Ion: 43 Resp: 18817
Ion Ratio Lower Upper
43 100
58 4.9 25.3 75.9#

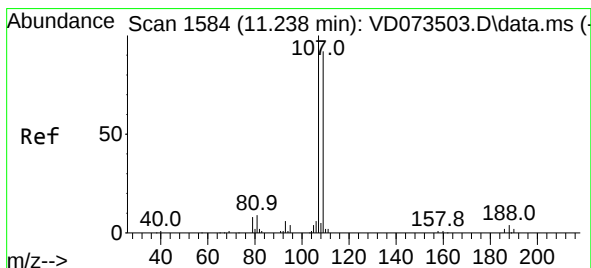
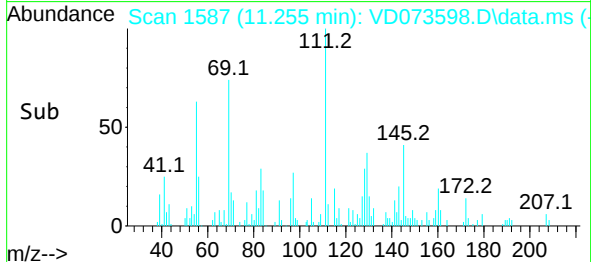
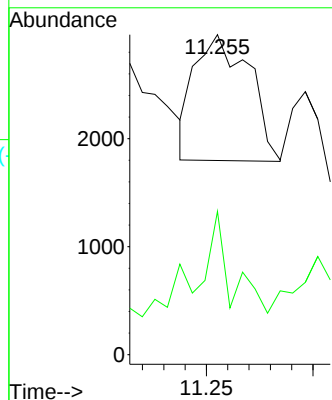
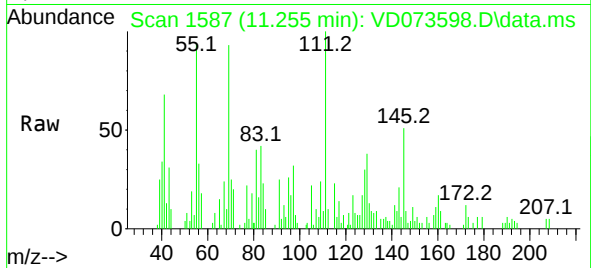




#60
Dibromochloromethane
Concen: 10.503 ug/l
RT: 11.255 min Scan# 1116
Delta R.T. 0.123 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

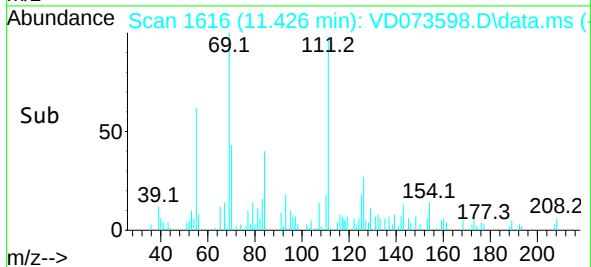
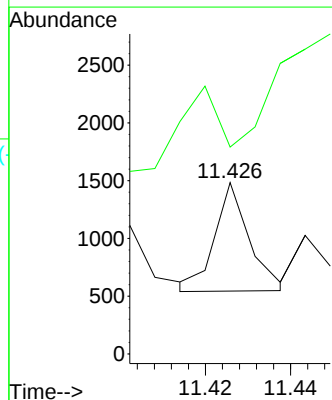
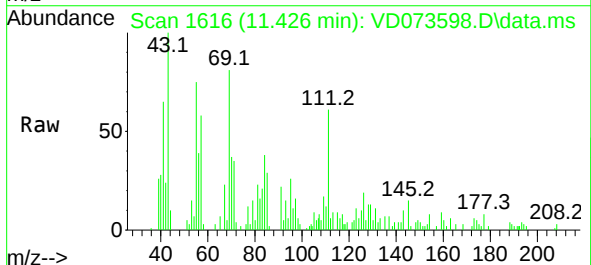
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-6

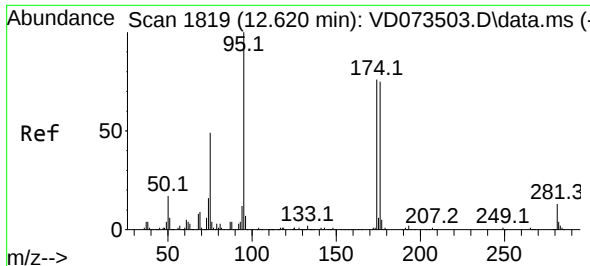
Tgt Ion:129 Resp: 2068
Ion Ratio Lower Upper
129 100
127 52.1 39.2 117.6



#61
1,2-Dibromoethane
Concen: 3.474 ug/l
RT: 11.426 min Scan# 1616
Delta R.T. 0.188 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

Tgt Ion:107 Resp: 528
Ion Ratio Lower Upper
107 100
109 108.5 74.2 111.4

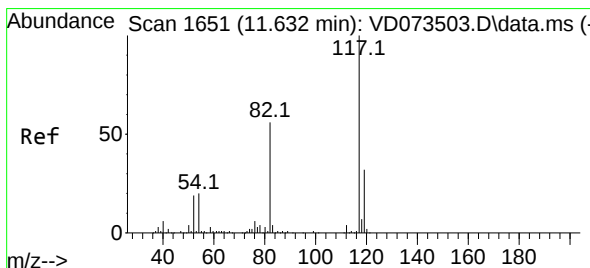
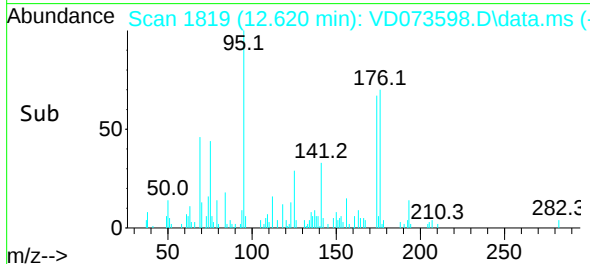
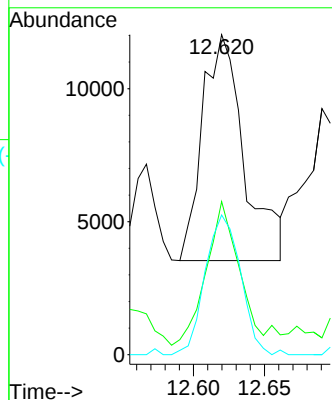
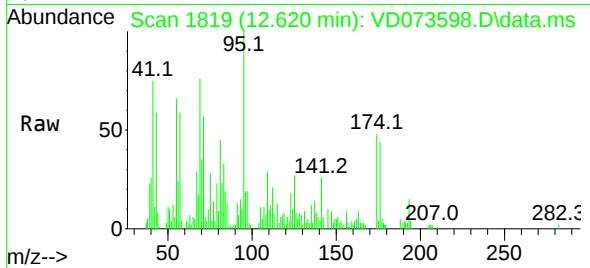




#62
4-Bromofluorobenzene
Concen: 69.225 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

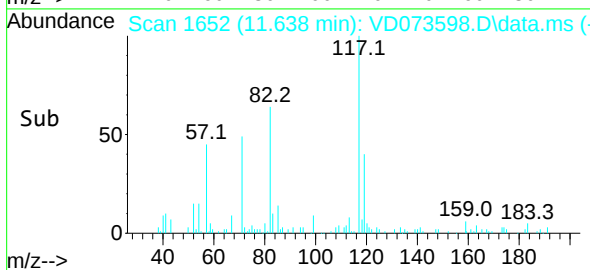
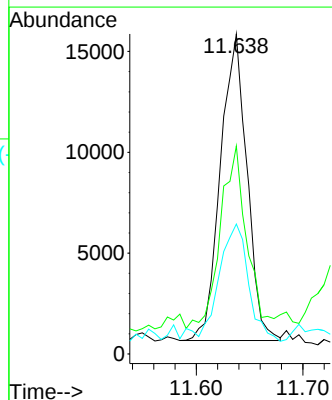
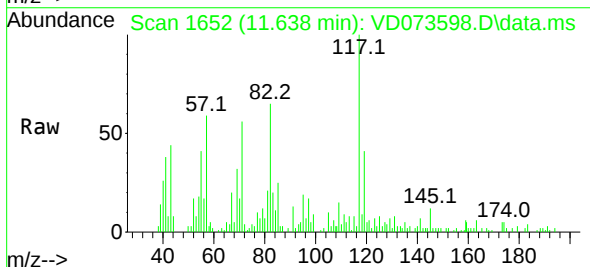
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-6

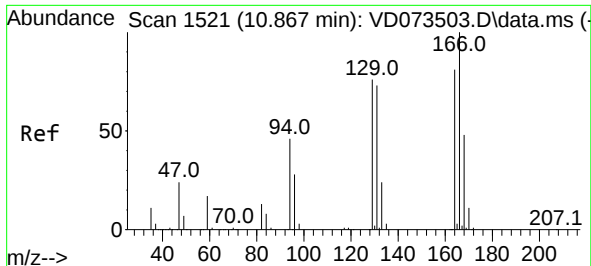
Tgt Ion: 95 Resp: 17432
Ion Ratio Lower Upper
95 100
174 49.3 0.0 152.8
176 52.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.006 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

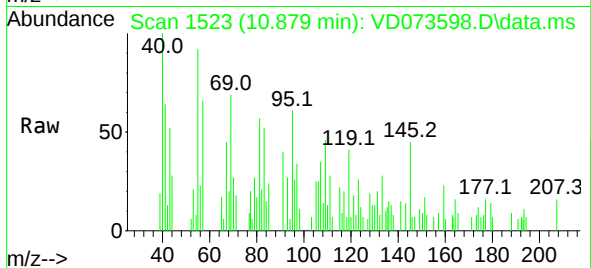
Tgt Ion: 117 Resp: 26272
Ion Ratio Lower Upper
117 100
82 55.1 45.3 67.9
119 38.3 26.6 40.0



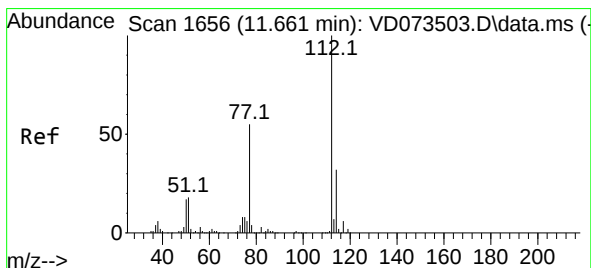
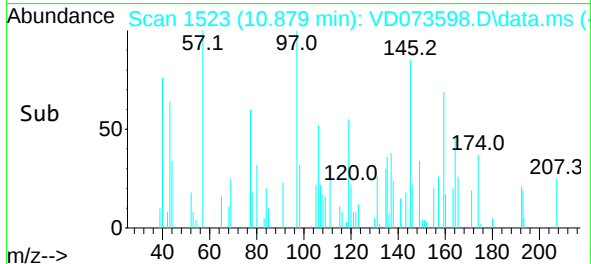
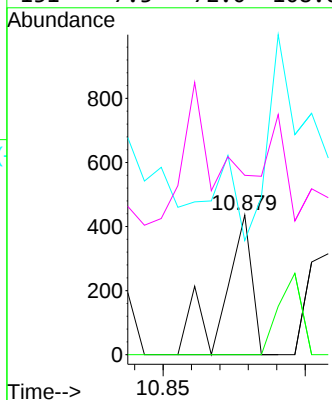


#64
Tetrachloroethene
Concen: 1.700 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.012 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-6

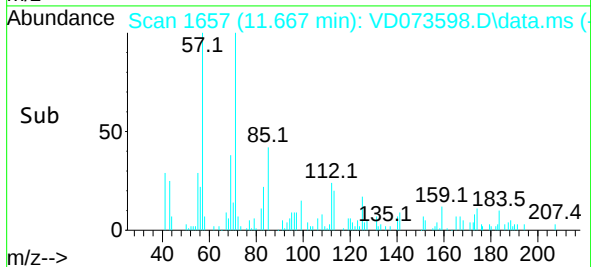
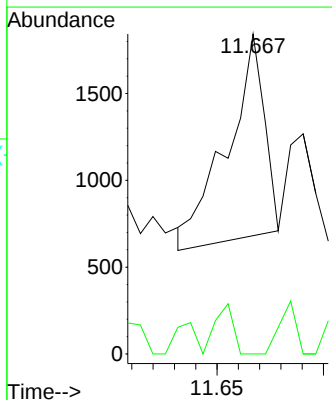
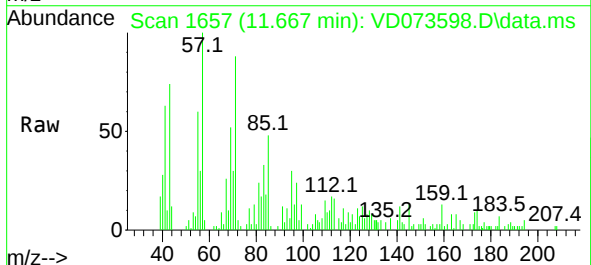


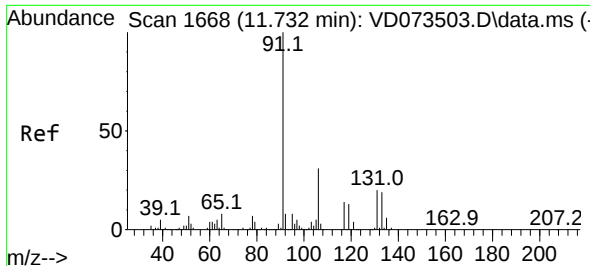
Tgt Ion:	164	Resp:	304
Ion Ratio	Lower	Upper	
164	100		
166	0.0	98.5	147.7#
129	0.0	74.6	111.8#
131	7.3	72.0	108.0#



#65
Chlorobenzene
Concen: 2.608 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.006 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

Tgt Ion:	112	Resp:	1410
Ion Ratio	Lower	Upper	
112	100		
114	0.0	25.8	38.6#

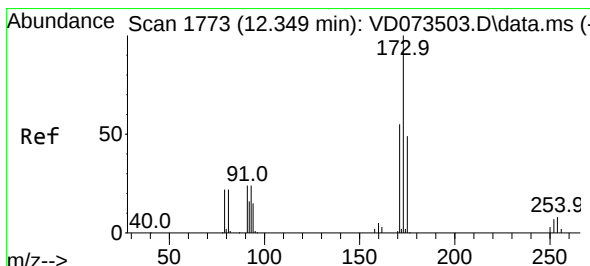
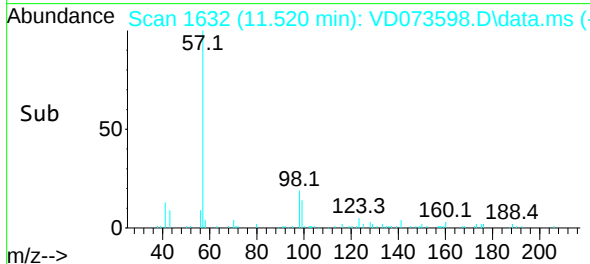
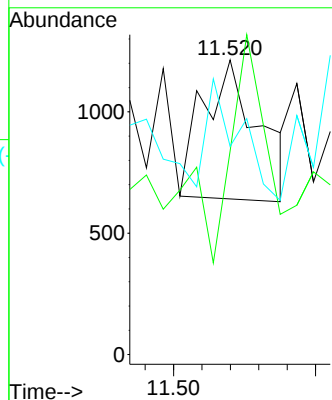
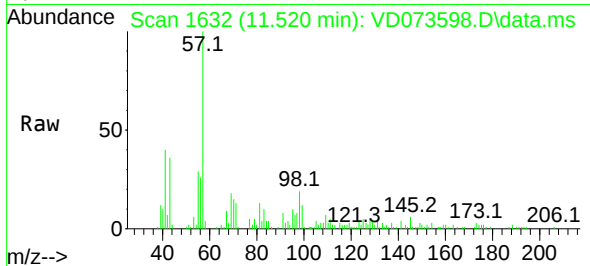




#66
1,1,1,2-Tetrachloroethane
Concen: 3.808 ug/l
RT: 11.520 min Scan# 1632
Delta R.T. -0.212 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

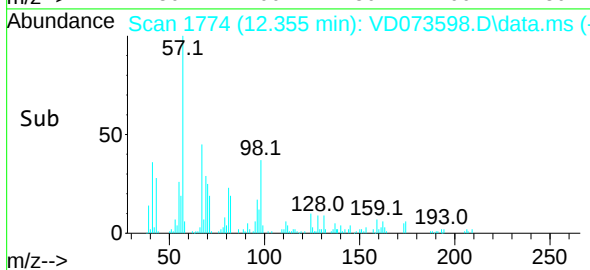
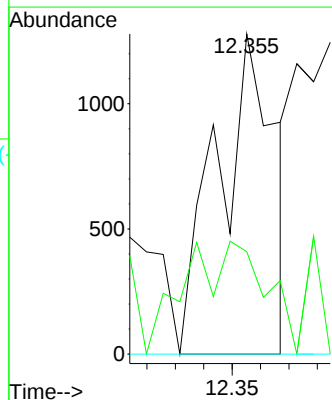
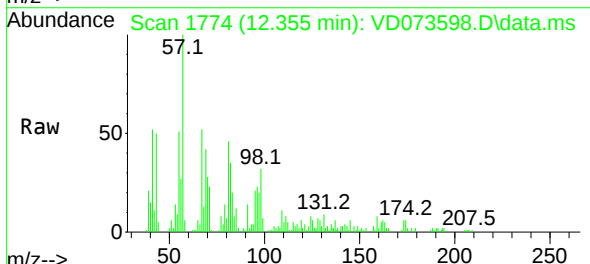
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-6

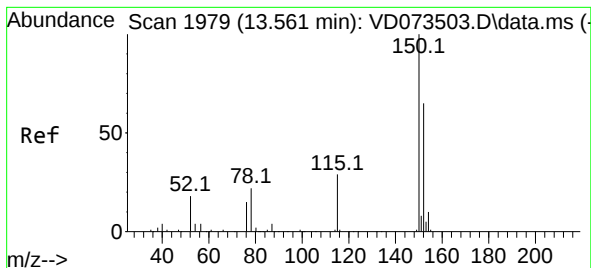
Tgt Ion:131 Resp: 781
Ion Ratio Lower Upper
131 100
133 109.0 48.1 144.3
119 52.0 31.9 95.9



#71
Bromoform
Concen: 16.077 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

Tgt Ion:173 Resp: 1803
Ion Ratio Lower Upper
173 100
175 49.1 23.9 71.8
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VD073598.D

Acq: 15 Jun 2022 18:31

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-6

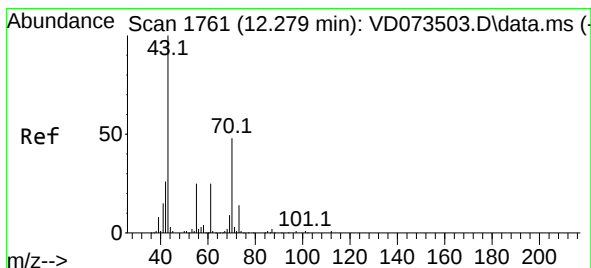
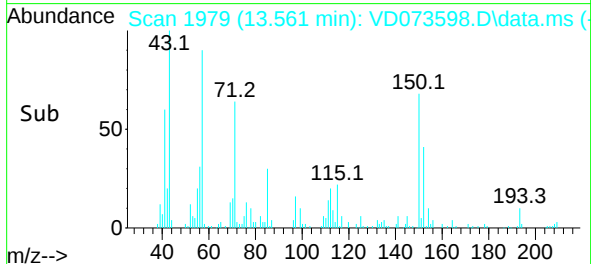
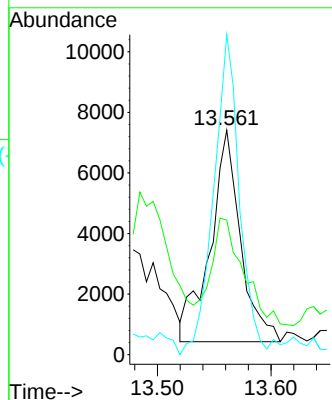
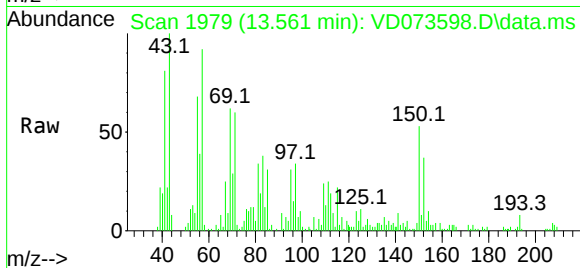
Tgt Ion:152 Resp: 12950

Ion Ratio Lower Upper

152 100

115 54.6 31.3 93.8

150 128.3 0.0 348.6



#74

N-ethyl acetate

Concen: 170.820 ug/l

RT: 12.255 min Scan# 1757

Delta R.T. -0.024 min

Lab File: VD073598.D

Acq: 15 Jun 2022 18:31

Tgt Ion: 43 Resp: 34110

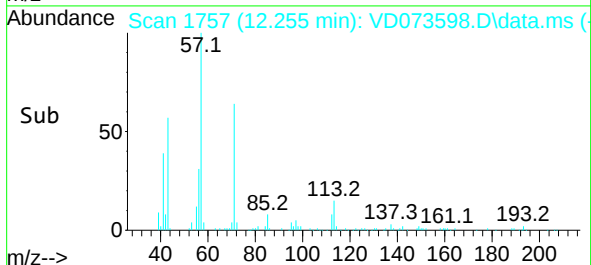
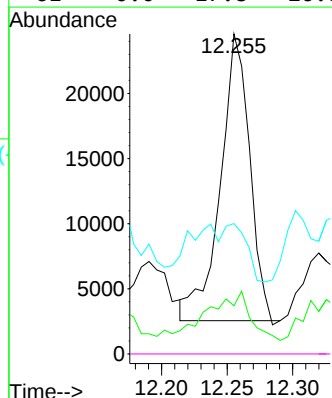
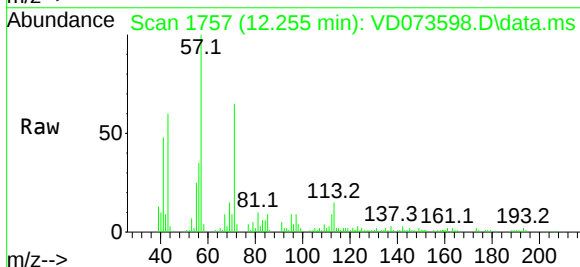
Ion Ratio Lower Upper

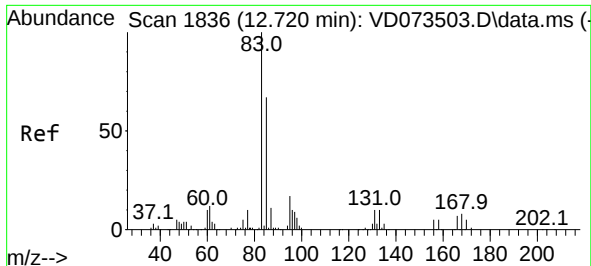
43 100

70 25.7 31.3 46.9#

55 0.0 20.0 30.0#

61 0.0 17.8 26.8#

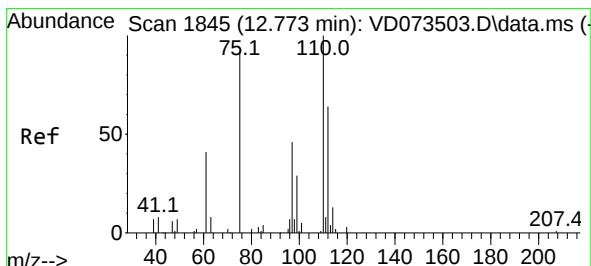
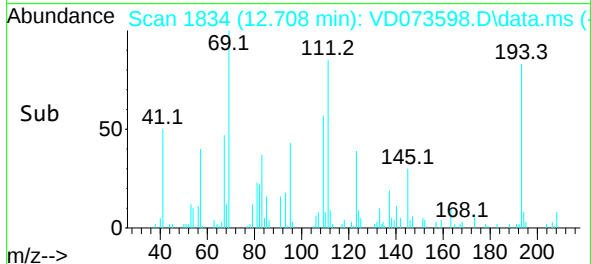
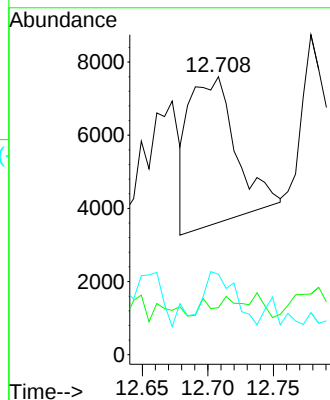
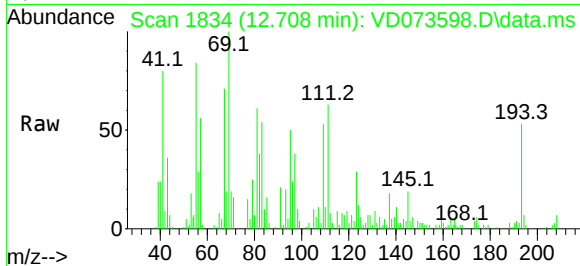




#75
1,1,2,2-Tetrachloroethane
Concen: 58.510 ug/l
RT: 12.708 min Scan# 1834
Delta R.T. -0.012 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

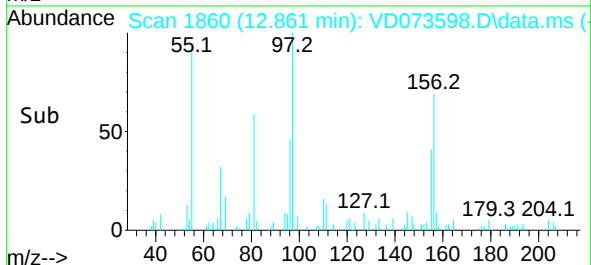
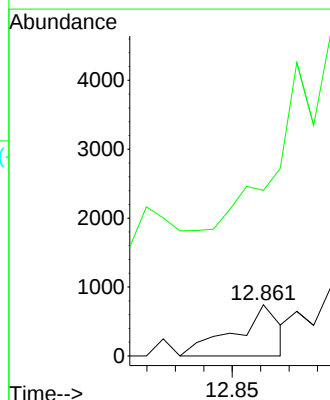
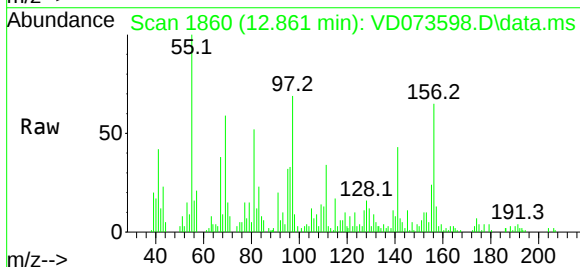
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-6

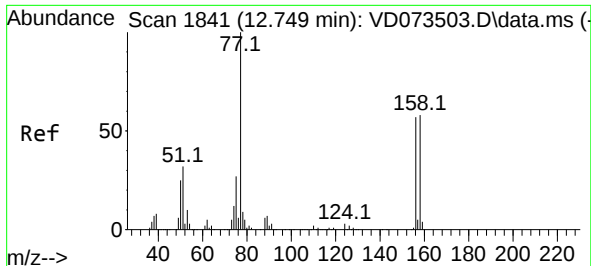
Tgt Ion: 83 Resp: 9970
Ion Ratio Lower Upper
83 100
131 21.0 5.0 14.9#
85 23.5 32.6 98.0#



#76
1,2,3-Trichloropropane
Concen: 6.439 ug/l
RT: 12.861 min Scan# 1860
Delta R.T. 0.088 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

Tgt Ion: 75 Resp: 810
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

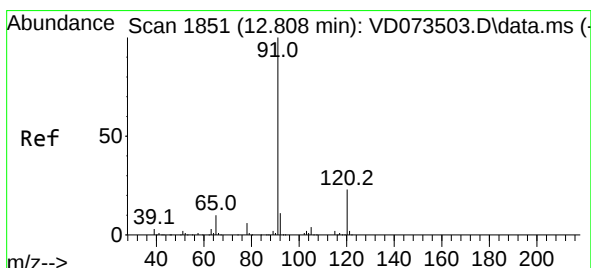
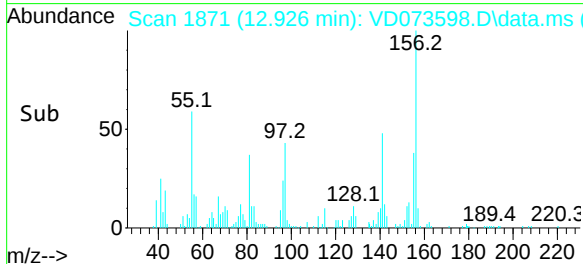
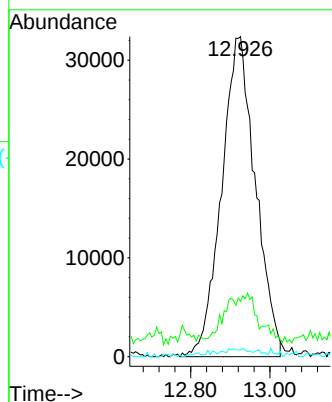
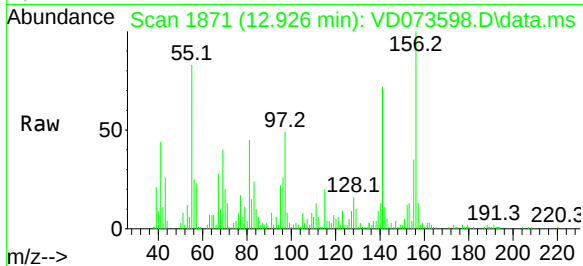




#77
Bromobenzene
Concen: 875.917 ug/l
RT: 12.926 min Scan# 1871
Delta R.T. 0.177 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

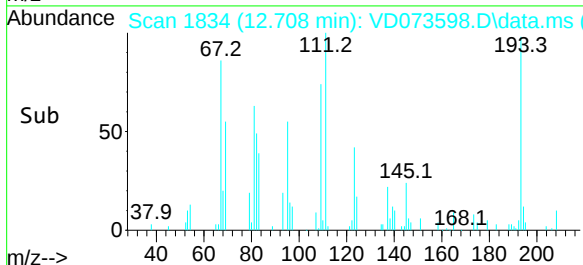
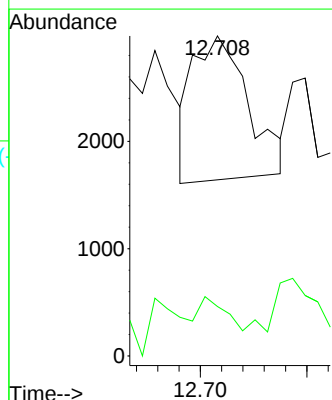
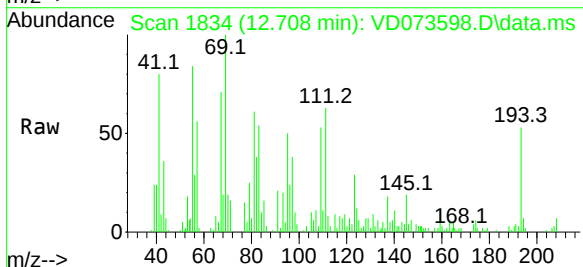
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-6

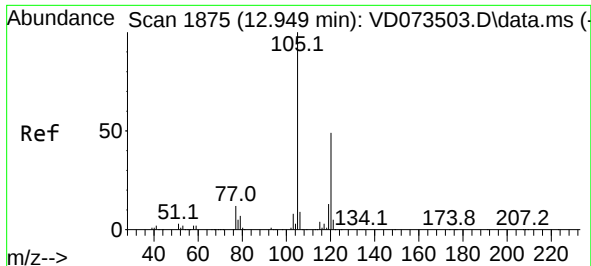
Tgt Ion:156 Resp: 192013
Ion Ratio Lower Upper
156 100
77 0.0 102.8 308.3#
158 0.0 48.7 146.1#



#78
n-propylbenzene
Concen: 2.170 ug/l
RT: 12.708 min Scan# 1834
Delta R.T. -0.100 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

Tgt Ion: 91 Resp: 2425
Ion Ratio Lower Upper
91 100
120 17.0 10.9 32.9

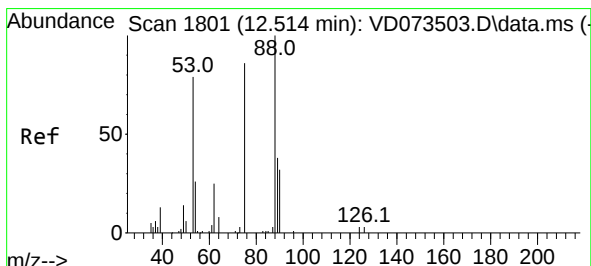
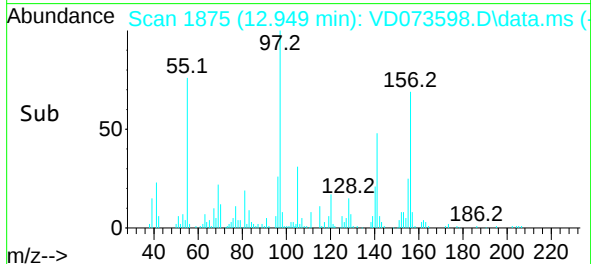
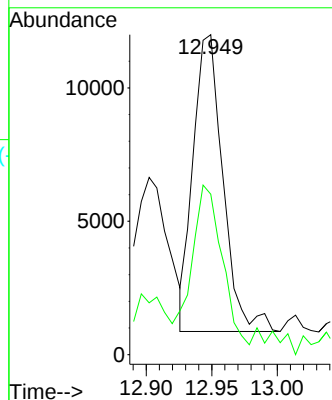
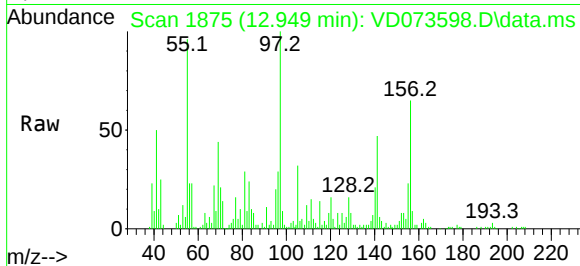




#80
 1,3,5-Trimethylbenzene
 Concen: 22.681 ug/l
 RT: 12.949 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VD073598.D
 Acq: 15 Jun 2022 18:31

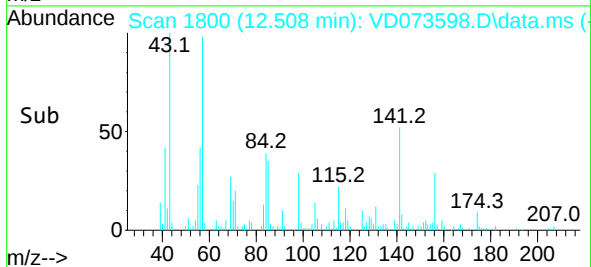
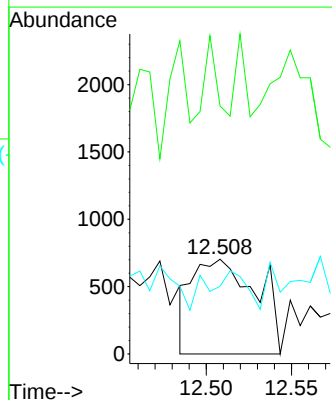
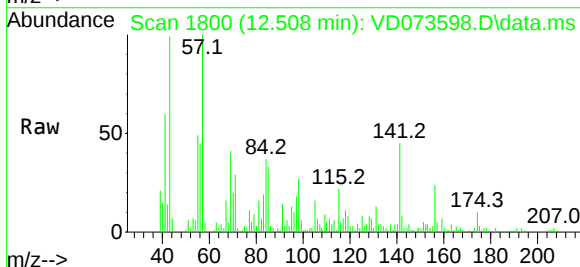
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-1A-6

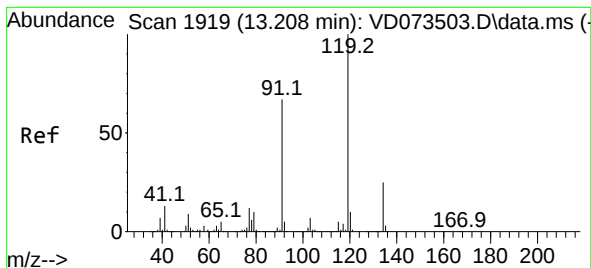
Tgt Ion:105 Resp: 17559
 Ion Ratio Lower Upper
 105 100
 120 61.0 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 34.367 ug/l
 RT: 12.508 min Scan# 1800
 Delta R.T. -0.006 min
 Lab File: VD073598.D
 Acq: 15 Jun 2022 18:31

Tgt Ion: 75 Resp: 1842
 Ion Ratio Lower Upper
 75 100
 53 13.6 86.5 129.7#
 89 24.4 33.9 50.9#





#83

tert-Butylbenzene

Concen: 2.801 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. 0.000 min

Lab File: VD073598.D

Acq: 15 Jun 2022 18:31

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-6

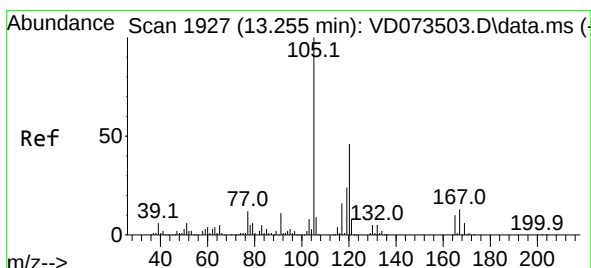
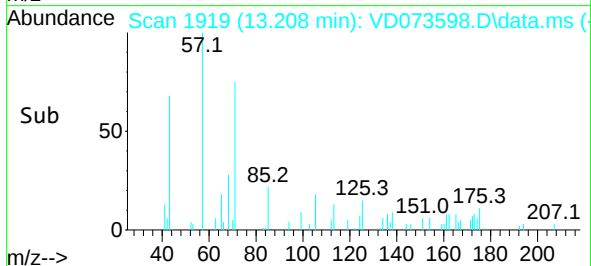
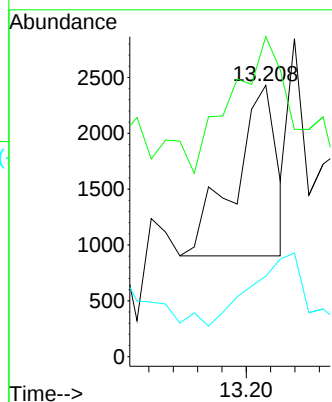
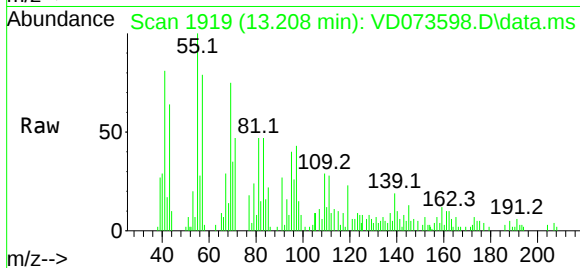
Tgt Ion:119 Resp: 1833

Ion Ratio Lower Upper

119 100

91 121.1 34.8 104.5#

134 117.9 13.3 39.9#



#84

1,2,4-Trimethylbenzene

Concen: 3.676 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VD073598.D

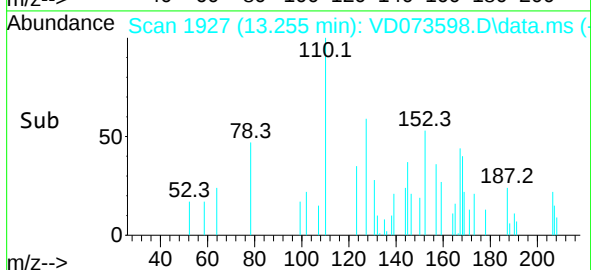
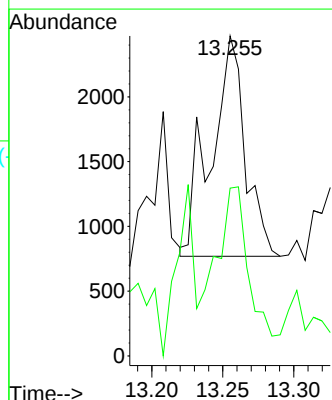
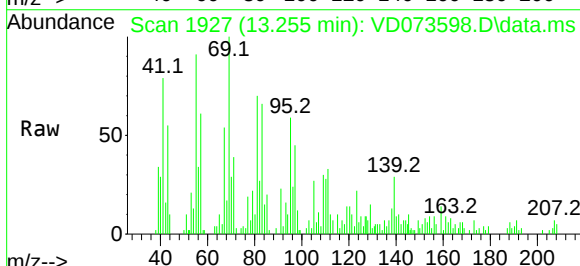
Acq: 15 Jun 2022 18:31

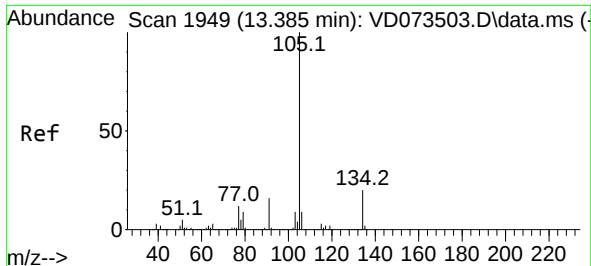
Tgt Ion:105 Resp: 2840

Ion Ratio Lower Upper

105 100

120 54.9 22.3 66.8

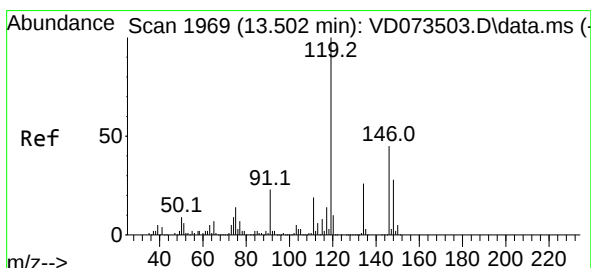
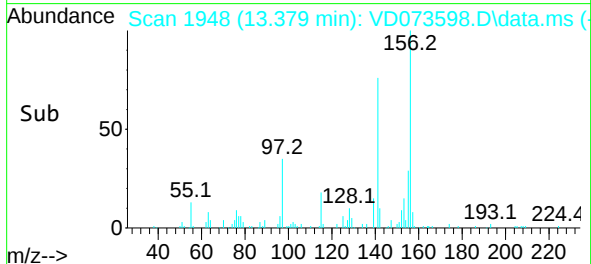
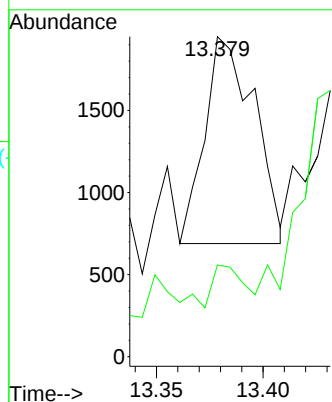
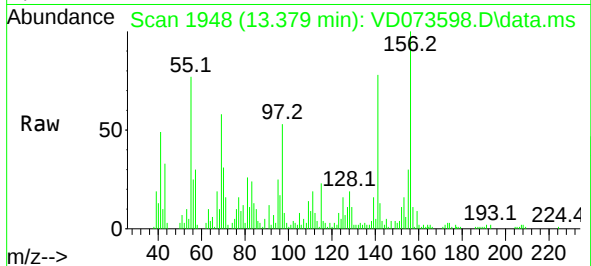




#85
 sec-Butylbenzene
 Concen: 2.087 ug/l
 RT: 13.379 min Scan# 1948
 Delta R.T. -0.006 min
 Lab File: VD073598.D
 Acq: 15 Jun 2022 18:31

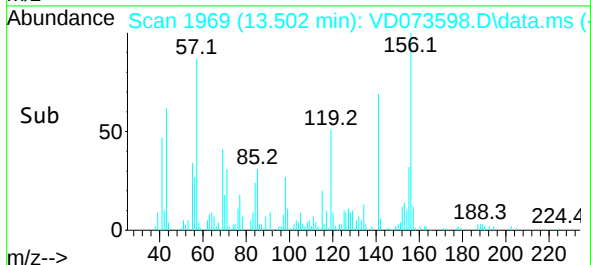
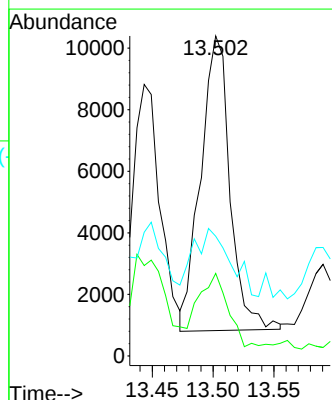
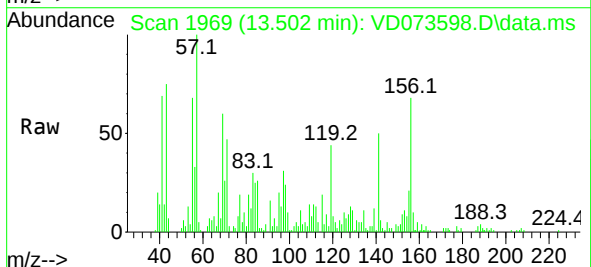
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-1A-6

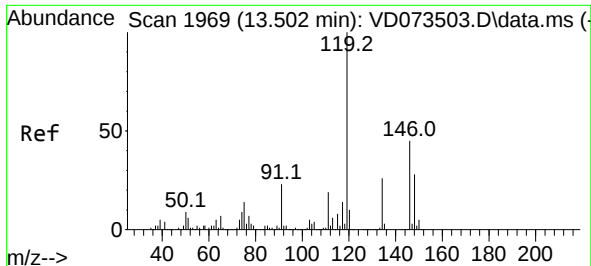
Tgt Ion:105 Resp: 2046
 Ion Ratio Lower Upper
 105 100
 134 12.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.614 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073598.D
 Acq: 15 Jun 2022 18:31

Tgt Ion:119 Resp: 16026
 Ion Ratio Lower Upper
 119 100
 134 24.4 12.9 38.6
 91 28.6 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 1.249 ug/l

RT: 13.496 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VD073598.D

Acq: 15 Jun 2022 18:31

Instrument :

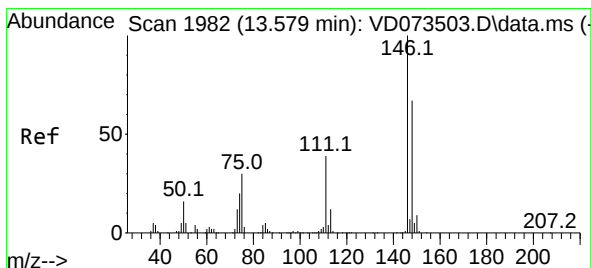
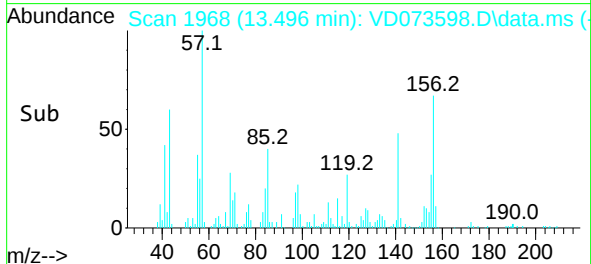
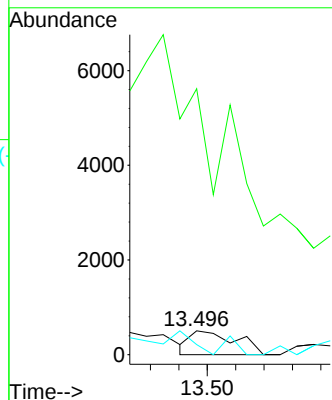
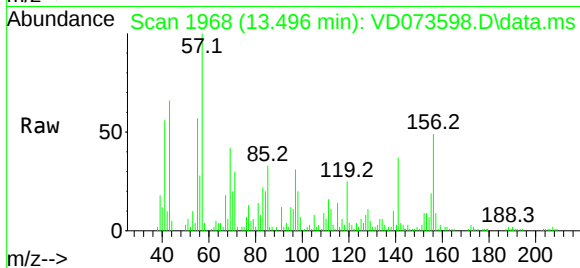
MSVOA_D

ClientSampleId :

WC-14A-1A-6

Tgt Ion:146 Resp: 559

Ion	Ratio	Lower	Upper
146	100		
111	1726.3	20.4	61.3#
148	0.0	31.9	95.7#



#88

1,4-Dichlorobenzene

Concen: 5.890 ug/l

RT: 13.579 min Scan# 1982

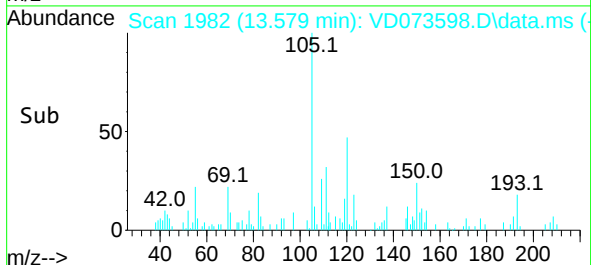
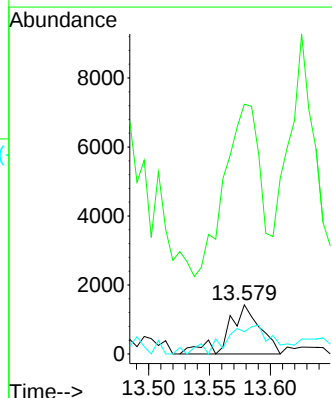
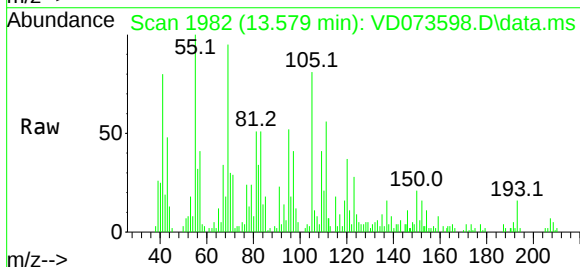
Delta R.T. -0.000 min

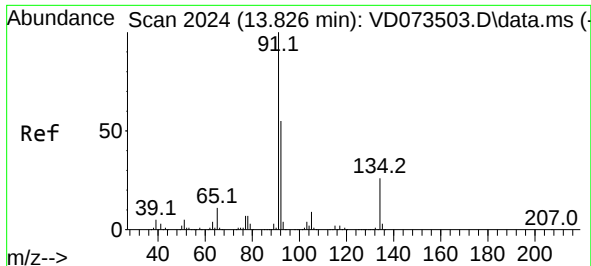
Lab File: VD073598.D

Acq: 15 Jun 2022 18:31

Tgt Ion:146 Resp: 2608

Ion	Ratio	Lower	Upper
146	100		
111	393.8	20.3	60.9#
148	79.5	31.7	95.1

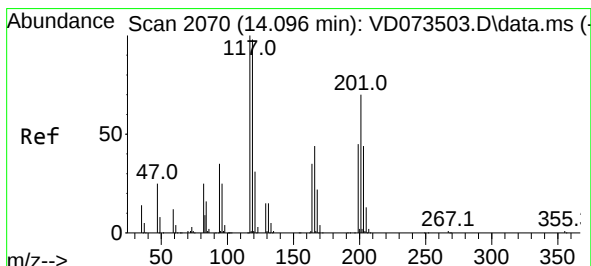
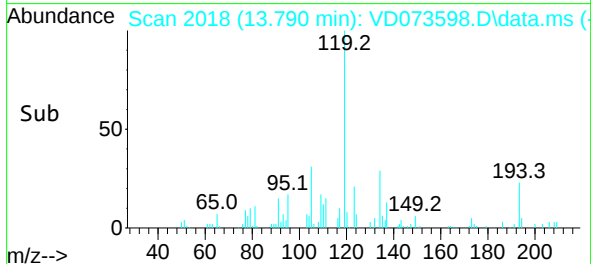
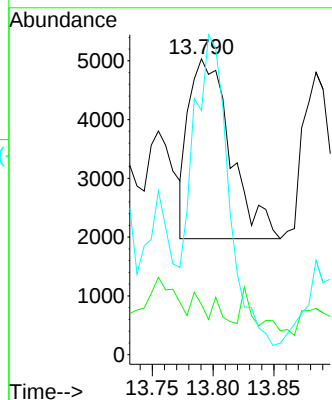
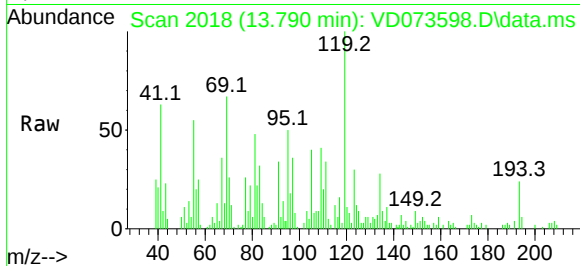




#89
n-Butylbenzene
Concen: 9.478 ug/l
RT: 13.790 min Scan# 2018
Delta R.T. -0.036 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

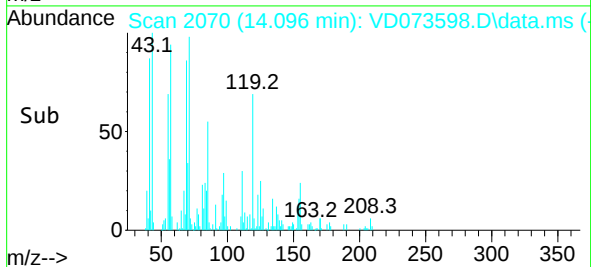
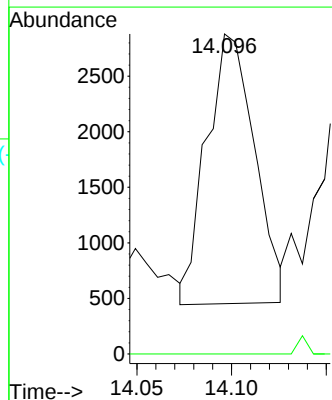
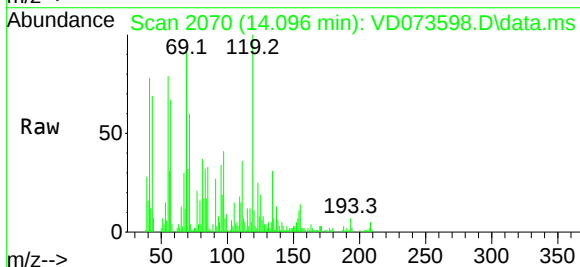
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-6

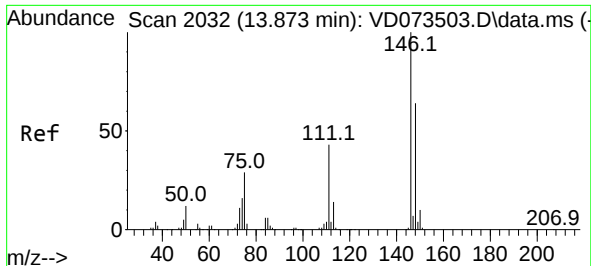
Tgt Ion: 91 Resp: 7305
Ion Ratio Lower Upper
91 100
92 0.0 26.6 79.8#
134 145.8 12.3 36.9#



#90
Hexachloroethane
Concen: 25.348 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

Tgt Ion: 117 Resp: 4289
Ion Ratio Lower Upper
117 100
201 0.0 33.4 100.2#

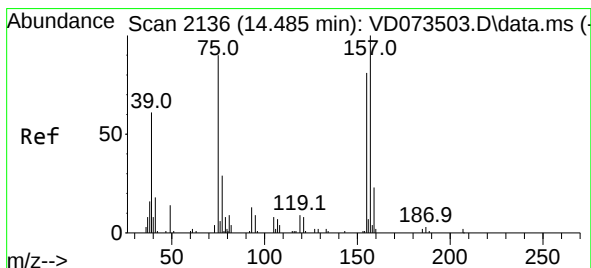
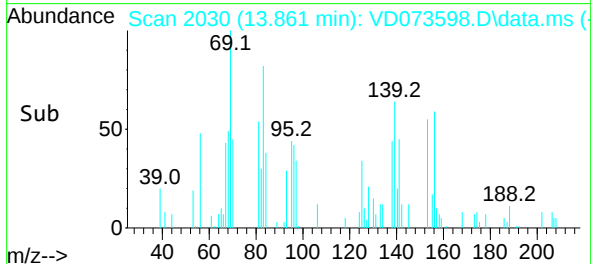
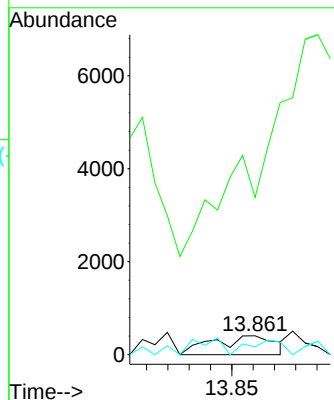
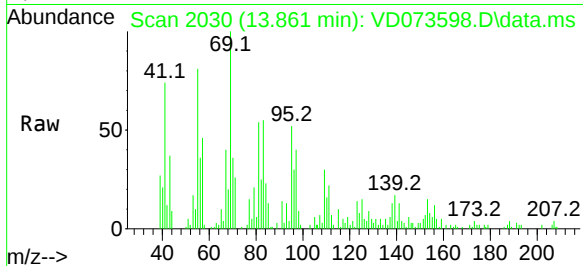




#91
1,2-Dichlorobenzene
Concen: 2.145 ug/l
RT: 13.861 min Scan# 2032
Delta R.T. -0.012 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

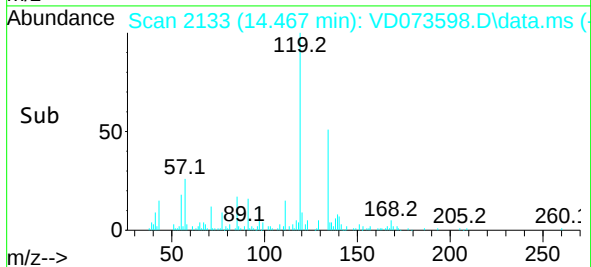
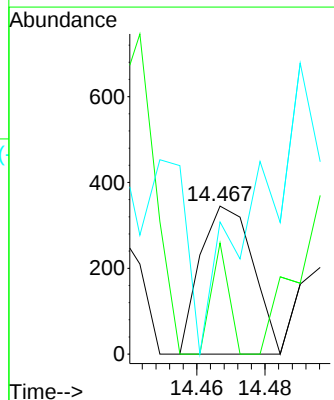
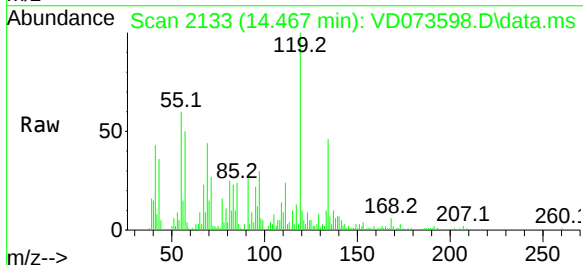
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-6

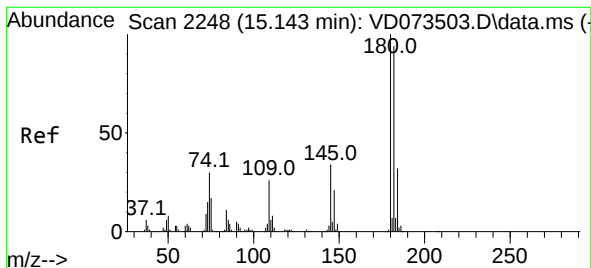
Tgt Ion:146 Resp: 828
Ion Ratio Lower Upper
146 100
111 0.0 21.1 63.3#
148 42.0 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 13.633 ug/l
RT: 14.467 min Scan# 2133
Delta R.T. -0.018 min
Lab File: VD073598.D
Acq: 15 Jun 2022 18:31

Tgt Ion: 75 Resp: 371
Ion Ratio Lower Upper
75 100
155 24.5 36.8 110.3#
157 0.0 48.4 145.0#





#93

1,2,4-Trichlorobenzene

Concen: 2.215 ug/l

RT: 15.149 min Scan# 2248

Delta R.T. 0.006 min

Lab File: VD073598.D

Acq: 15 Jun 2022 18:31

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-6

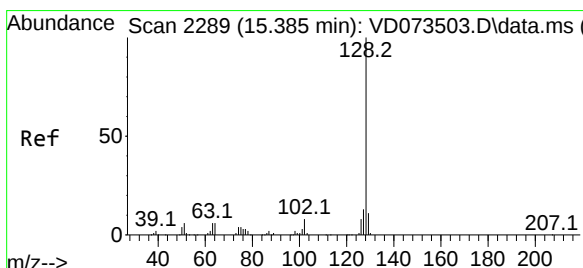
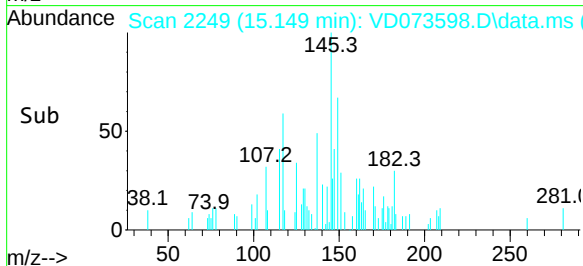
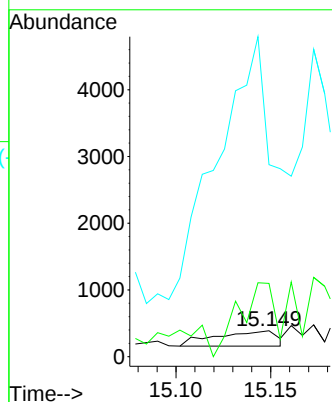
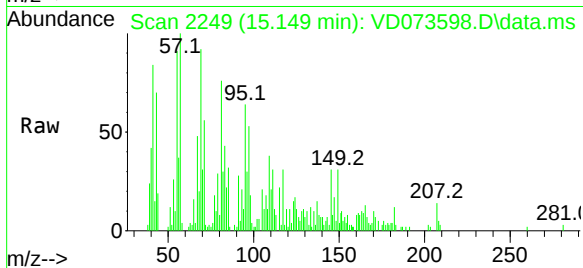
Tgt Ion:180 Resp: 512

Ion Ratio Lower Upper

180 100

182 284.2 47.3 142.0#

145 2080.1 16.2 48.5#



#95

Naphthalene

Concen: 7.137 ug/l

RT: 15.373 min Scan# 2287

Delta R.T. -0.012 min

Lab File: VD073598.D

Acq: 15 Jun 2022 18:31

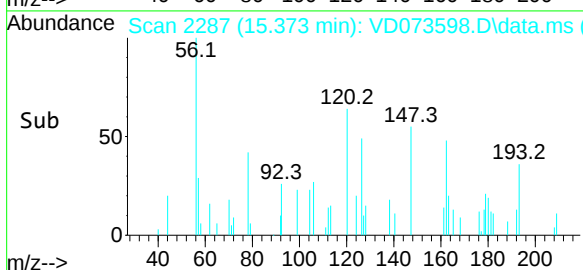
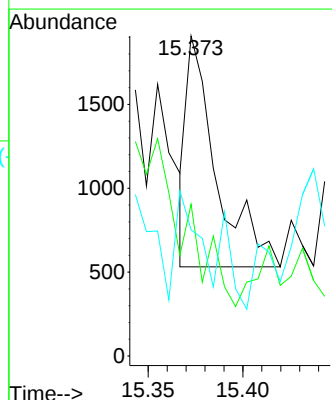
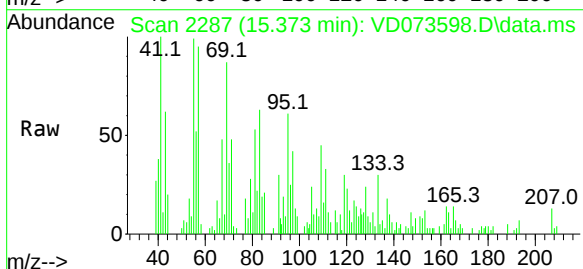
Tgt Ion:128 Resp: 1498

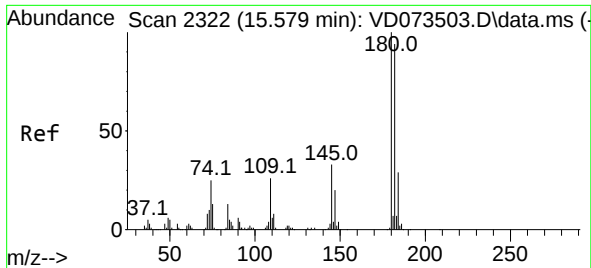
Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 35.6 8.4 12.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 5.385 ug/l
 RT: 15.649 min Scan# 21
 Delta R.T. 0.070 min
 Lab File: VD073598.D
 Acq: 15 Jun 2022 18:31

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-1A-6

Tgt Ion:180 Resp: 1087
 Ion Ratio Lower Upper
 180 100
 182 48.0 47.6 142.9
 145 38.5 17.1 51.3

