

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062122\
 Data File : VD073642.D
 Acq On : 21 Jun 2022 12:58
 Operator : VA/SY
 Sample : N3422-03
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-1A-12

Quant Time: Jun 22 06:00:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 05:24:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	11539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	21749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	19258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	9933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	11684	88.003	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 176.000%#	
35) Dibromofluoromethane	7.908	113	9720	61.606	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.220%	
50) Toluene-d8	10.338	98	22899	40.550	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 81.100%	
62) 4-Bromofluorobenzene	12.620	95	10052	48.538	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.080%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.997	85	83	Below Cal	#	40
3) Chloromethane	2.215	50	533	5.286	ug/l #	40
5) Bromomethane	2.779	94	1011	13.229	ug/l #	57
7) Trichlorofluoromethane	3.291	101	231	1.049	ug/l #	78
10) Methyl Iodide	4.309	142	1202	9.753	ug/l #	91
12) 1,1-Dichloroethene	4.091	96	228	2.050	ug/l #	1
13) Acrolein	3.920	56	73	34.753	ug/l #	14
16) Acetone	4.138	43	2680	126.970	ug/l	95
17) Carbon Disulfide	4.420	76	1503	4.688	ug/l #	76
18) Methyl Acetate	4.961	43	67	Below Cal	#	48
20) Methylene Chloride	4.956	84	340	Below Cal	#	42
25) 2-Butanone	7.203	43	1422	46.280	ug/l #	44
31) Cyclohexane	7.973	56	2277	11.272	ug/l #	84
36) 1,1-Dichloropropene	7.979	75	1103	4.991	ug/l #	40
37) Ethyl Acetate	7.203	43	1422	16.723	ug/l #	69
38) Carbon Tetrachloride	7.967	117	1585	6.315	ug/l #	13
39) Methylcyclohexane	9.349	83	3857	15.751	ug/l #	89
40) Benzene	8.338	78	5879	9.196	ug/l #	86
48) Methyl methacrylate	9.408	41	123	1.518	ug/l #	44
51) 4-Methyl-2-Pentanone	10.226	43	373	4.539	ug/l #	35
52) Toluene	10.396	92	16967	40.607	ug/l	96
55) 1,1,2-Trichloroethane	10.767	97	798	6.195	ug/l #	15
56) Ethyl methacrylate	10.673	69	276	1.942	ug/l #	34
59) 2-Hexanone	10.949	43	927	16.356	ug/l #	23
64) Tetrachloroethene	10.879	164	164	1.150	ug/l #	1
67) Ethyl Benzene	11.732	91	27925	38.196	ug/l	92
68) m/p-Xylenes	11.843	106	48033	166.832	ug/l	97
69) o-Xylene	12.167	106	28897	107.684	ug/l	98
70) Styrene	12.173	104	2321	5.044	ug/l #	1
73) Isopropylbenzene	12.467	105	8858	12.359	ug/l	100
74) N-amyl acetate	12.255	43	3444	23.775	ug/l #	61
76) 1,2,3-Trichloropropane	12.879	75	630	6.553	ug/l #	1
78) n-propylbenzene	12.808	91	16648	18.964	ug/l	93
79) 2-Chlorotoluene	12.873	91	6466	12.558	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.949	105	39799	65.020	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.614	75	5179	124.325	ug/l #	14

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

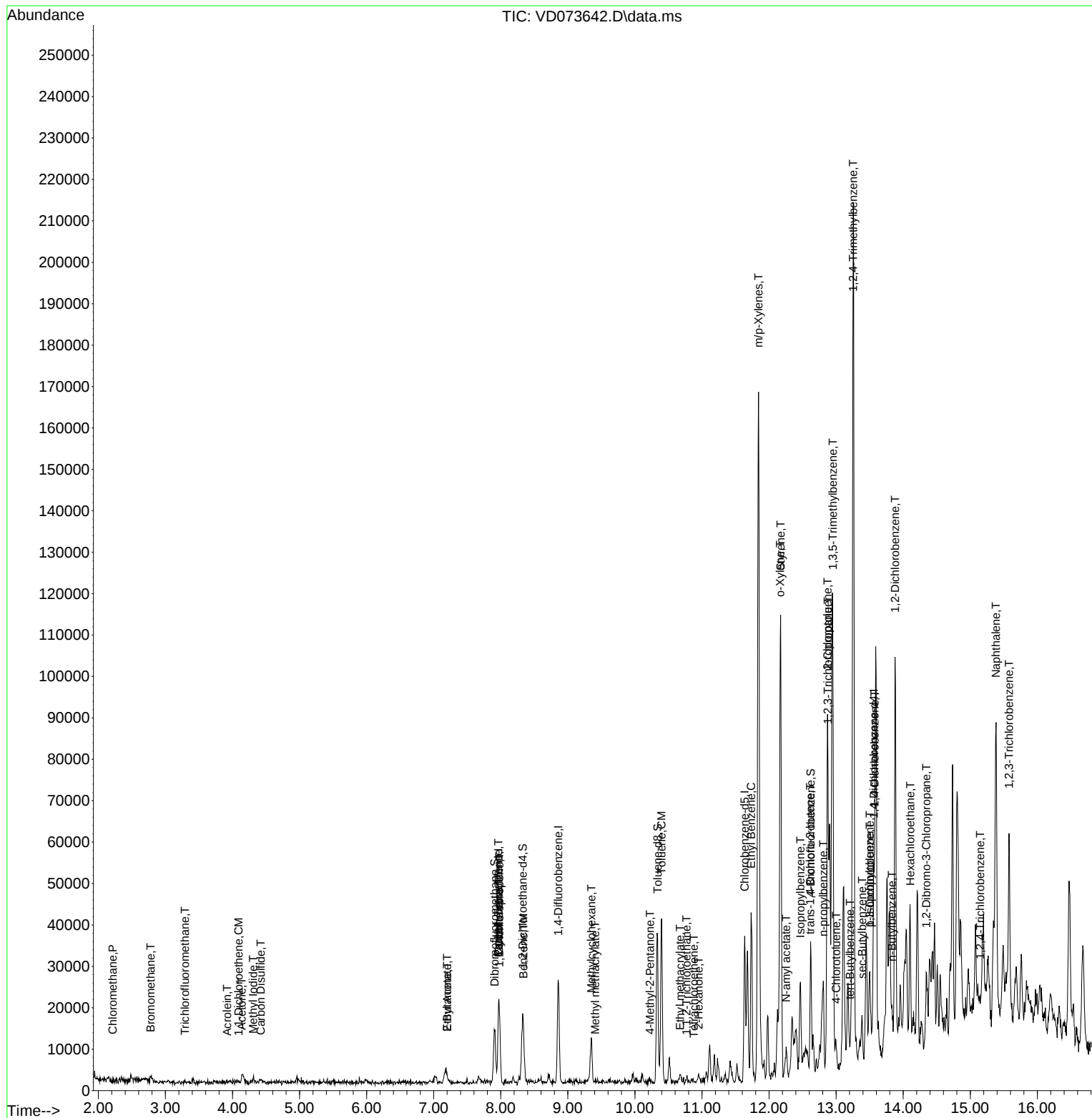
82) 4-Chlorotoluene	13.002	91	682	1.241	ug/l #	41
83) tert-Butylbenzene	13.208	119	945	1.783	ug/l	69
84) 1,2,4-Trimethylbenzene	13.255	105	114760	190.063	ug/l	100
85) sec-Butylbenzene	13.390	105	6131	7.782	ug/l	86
86) p-Isopropyltoluene	13.502	119	7327	11.258	ug/l	86
87) 1,3-Dichlorobenzene	13.502	146	464	1.290	ug/l #	53
88) 1,4-Dichlorobenzene	13.573	146	1259	3.530	ug/l #	55
89) n-Butylbenzene	13.832	91	4468	7.302	ug/l #	72
90) Hexachloroethane	14.108	117	2351	16.914	ug/l #	15
91) 1,2-Dichlorobenzene	13.879	146	6679	21.515	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	14.343	75	81	3.848	ug/l #	3
93) 1,2,4-Trichlorobenzene	15.149	180	214	1.183	ug/l #	13
95) Naphthalene	15.384	128	62229	170.761	ug/l	96
96) 1,2,3-Trichlorobenzene	15.579	180	555	3.528	ug/l #	52

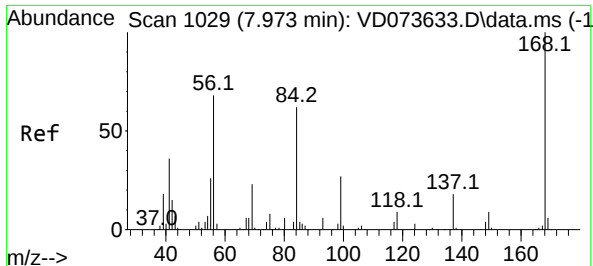
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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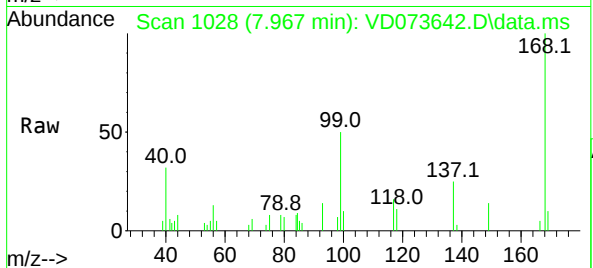
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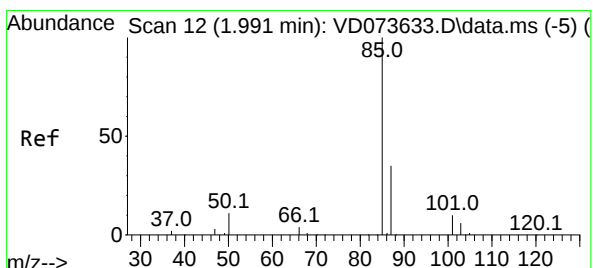
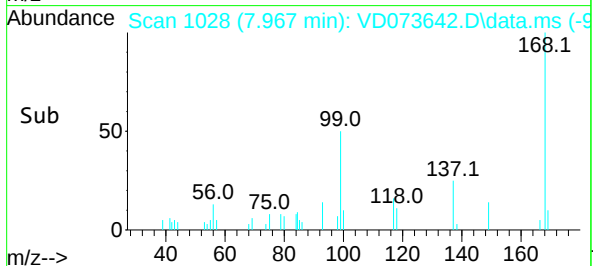
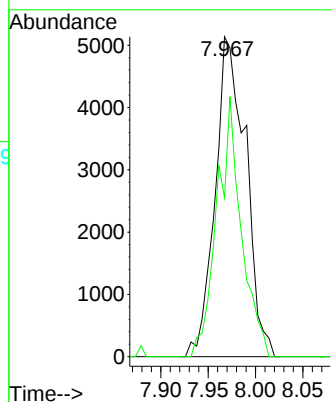


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-12

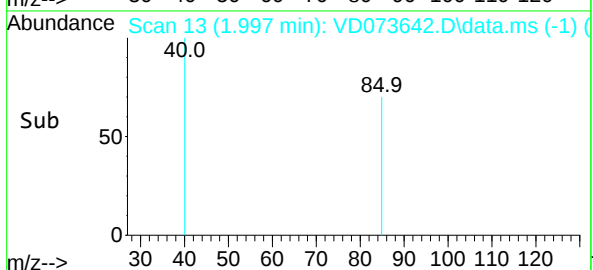
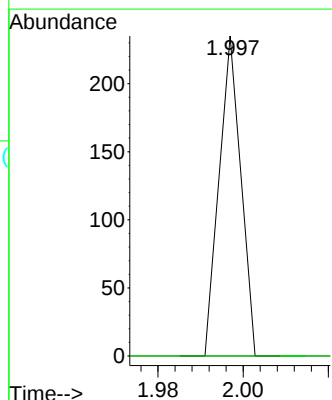
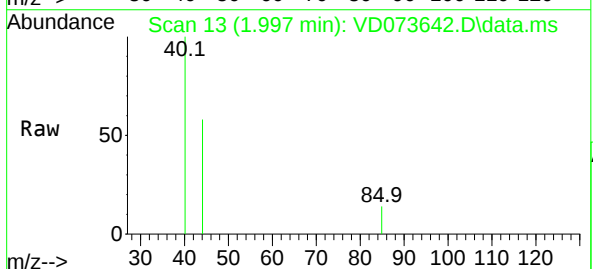


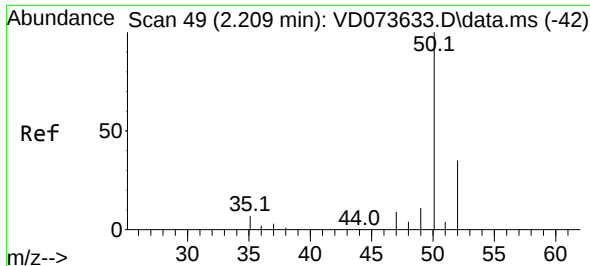
Tgt Ion:168 Resp: 11539
Ion Ratio Lower Upper
168 100
99 49.7 47.4 71.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.997 min Scan# 13
Delta R.T. 0.006 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

Tgt Ion: 85 Resp: 83
Ion Ratio Lower Upper
85 100
87 0.0 17.4 52.2#

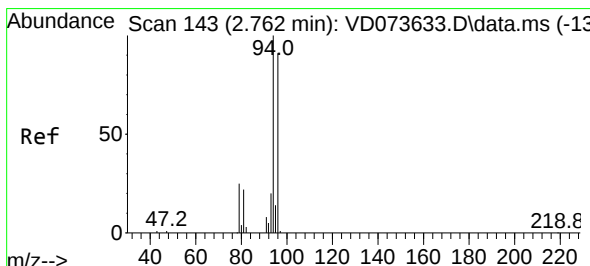
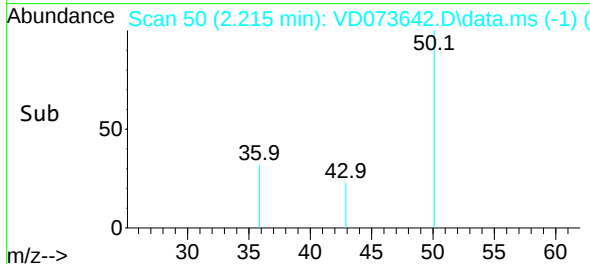
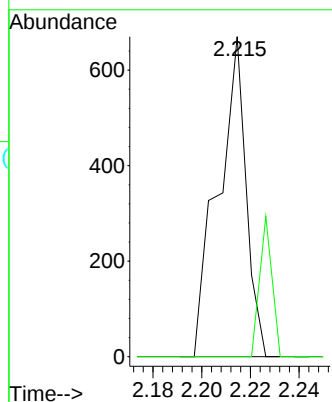
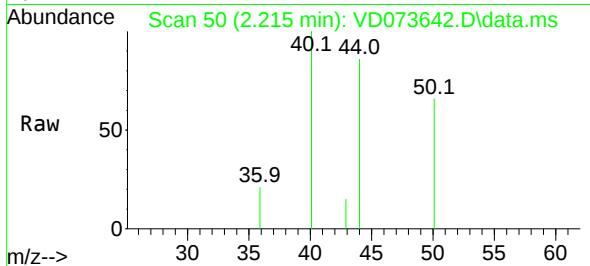




#3
Chloromethane
Concen: 5.286 ug/l
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

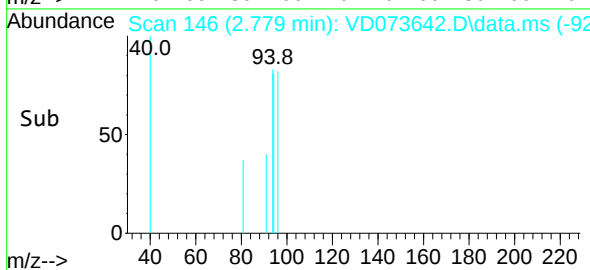
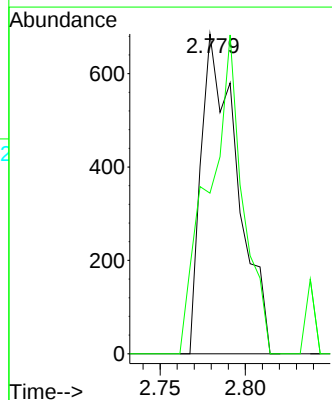
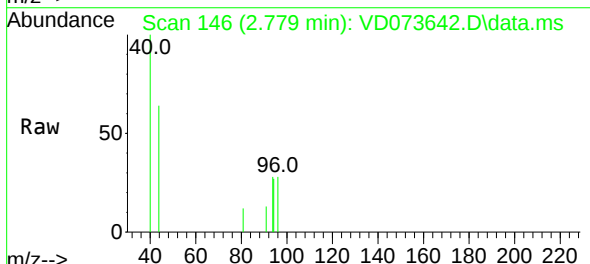
Instrument :
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ClientSampleId :
WC-14A-1A-12

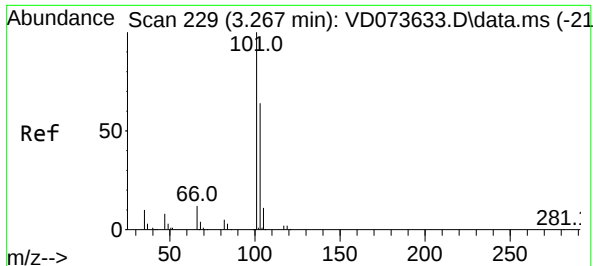
Tgt Ion: 50 Resp: 533
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#



#5
Bromomethane
Concen: 13.229 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

Tgt Ion: 94 Resp: 1011
Ion Ratio Lower Upper
94 100
96 50.2 72.6 108.8#

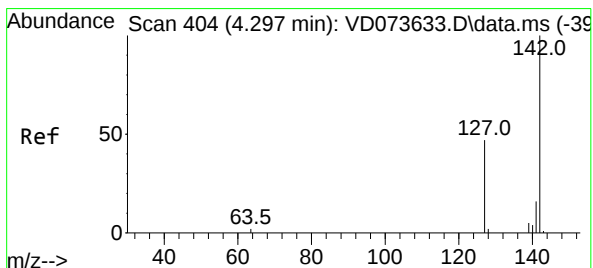
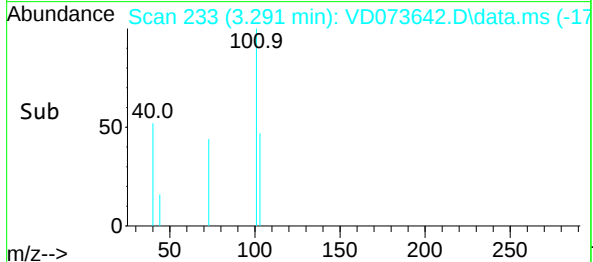
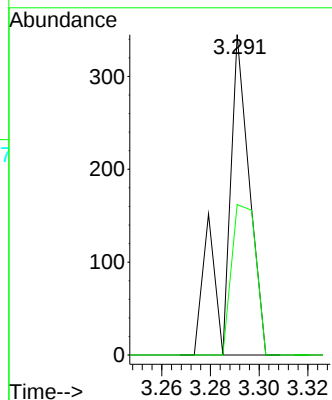
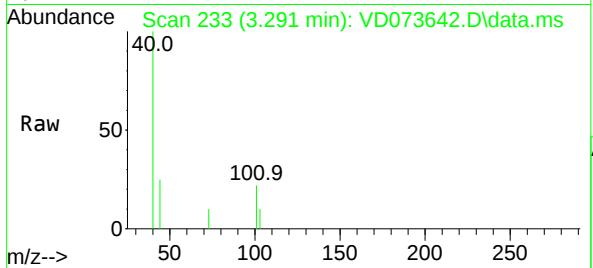




#7
Trichlorofluoromethane
Concen: 1.049 ug/l
RT: 3.291 min Scan# 21
Delta R.T. 0.024 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

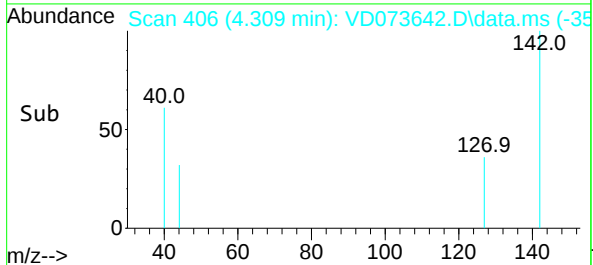
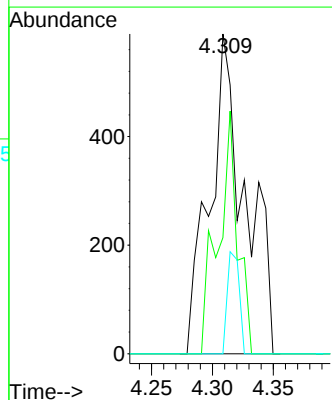
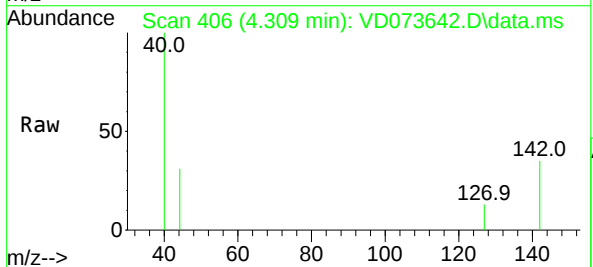
Instrument :
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ClientSampleId :
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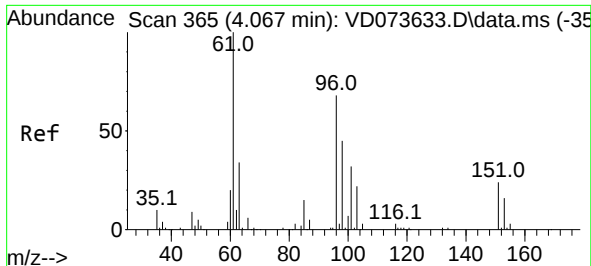
Tgt Ion:101 Resp: 231
Ion Ratio Lower Upper
101 100
103 47.0 51.2 76.8#



#10
Methyl Iodide
Concen: 9.753 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

Tgt Ion:142 Resp: 1202
Ion Ratio Lower Upper
142 100
127 41.5 37.2 55.8
141 10.6 12.3 18.5#





#12

1,1-Dichloroethene

Concen: 2.050 ug/l

RT: 4.091 min Scan# 3

Delta R.T. 0.024 min

Lab File: VD073642.D

Acq: 21 Jun 2022 12:58

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-12

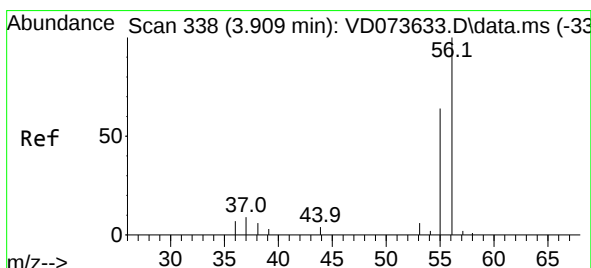
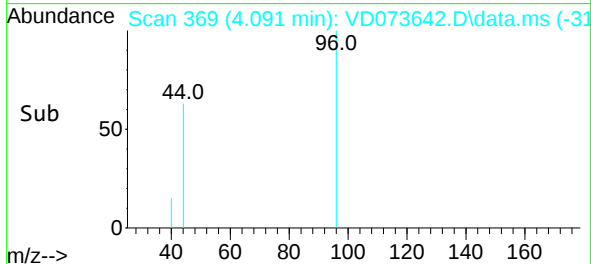
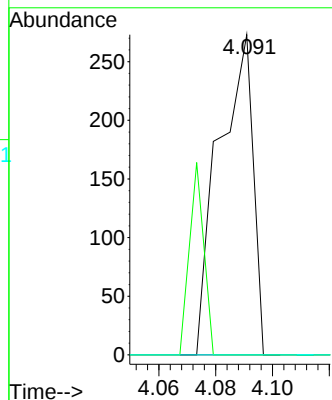
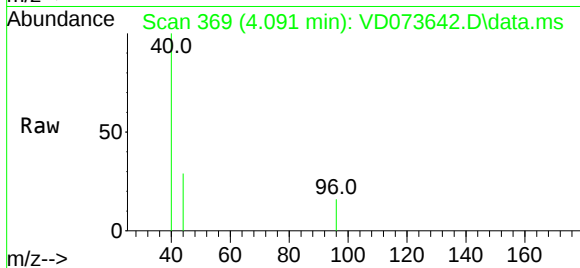
Tgt Ion: 96 Resp: 228

Ion Ratio Lower Upper

96 100

61 0.0 118.5 177.7#

98 0.0 52.8 79.2#



#13

Acrolein

Concen: 34.753 ug/l

RT: 3.920 min Scan# 340

Delta R.T. 0.011 min

Lab File: VD073642.D

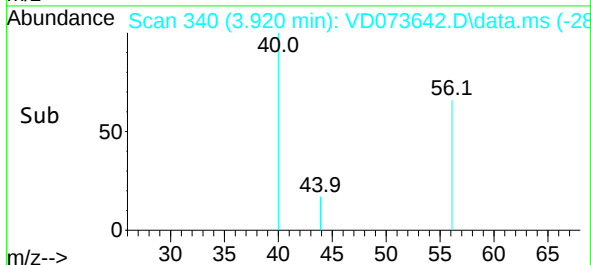
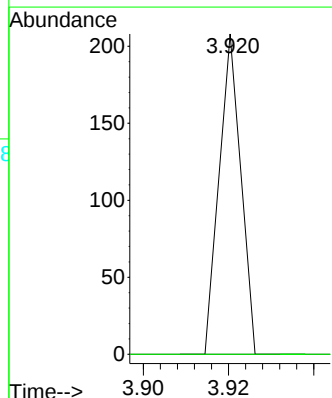
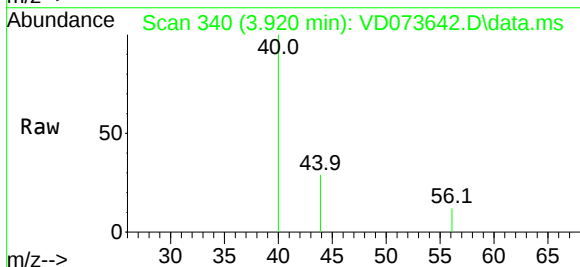
Acq: 21 Jun 2022 12:58

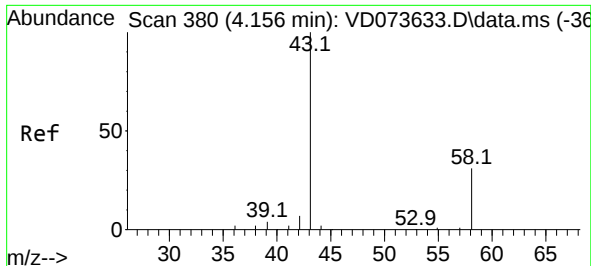
Tgt Ion: 56 Resp: 73

Ion Ratio Lower Upper

56 100

55 0.0 56.4 84.6#

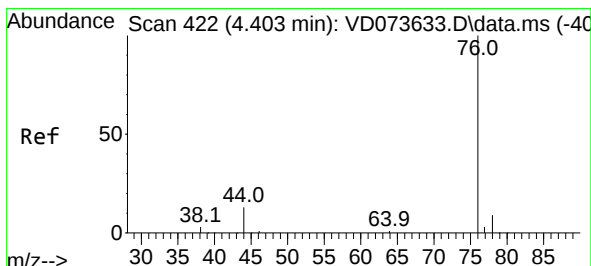
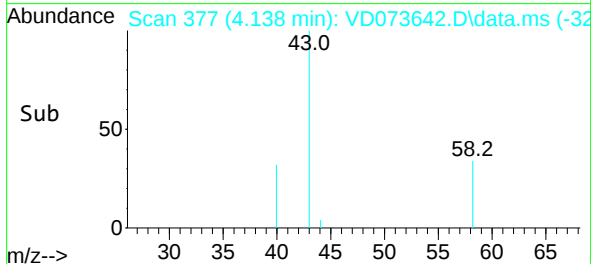
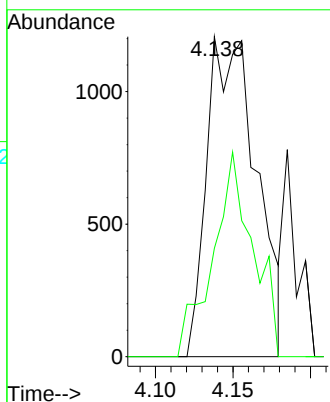
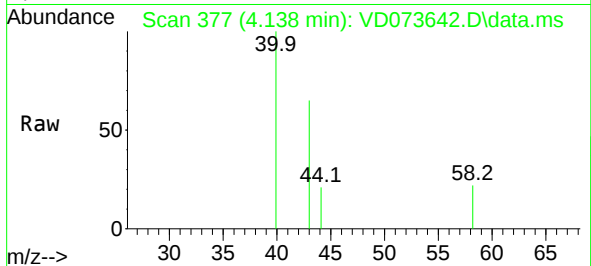




#16
Acetone
Concen: 126.970 ug/l
RT: 4.138 min Scan# 31
Delta R.T. -0.018 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

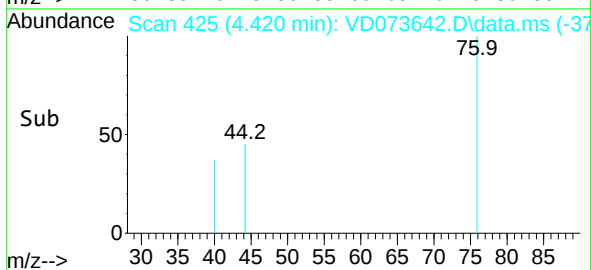
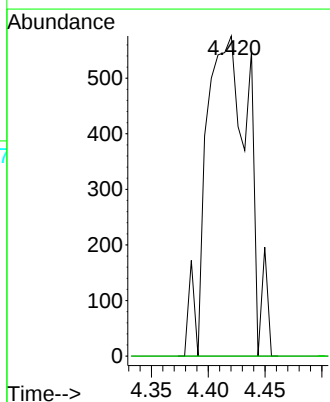
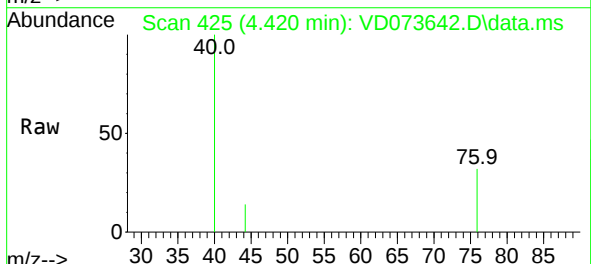
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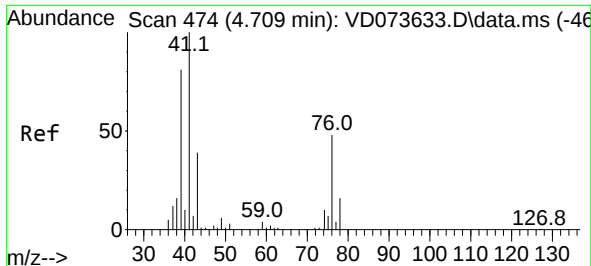
Tgt Ion: 43 Resp: 2680
Ion Ratio Lower Upper
43 100
58 33.9 25.0 37.4



#17
Carbon Disulfide
Concen: 4.688 ug/l
RT: 4.420 min Scan# 425
Delta R.T. 0.017 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

Tgt Ion: 76 Resp: 1503
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.961 min Scan# 517

Delta R.T. 0.252 min

Lab File: VD073642.D

Acq: 21 Jun 2022 12:58

Instrument :

MSVOA_D

ClientSampleId :

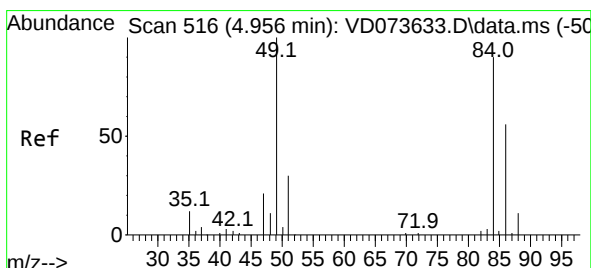
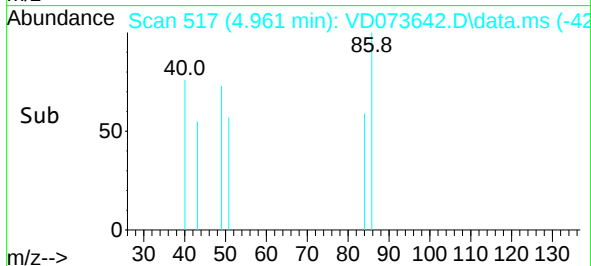
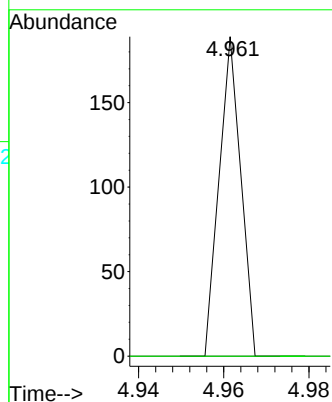
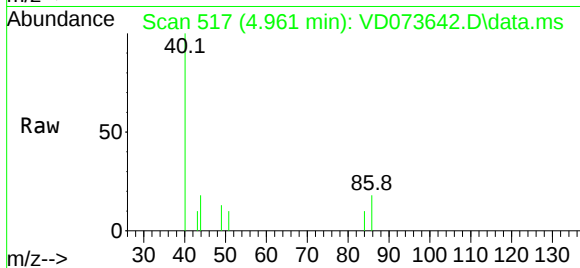
WC-14A-1A-12

Tgt Ion: 43 Resp: 67

Ion Ratio Lower Upper

43 100

74 0.0 21.2 31.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.956 min Scan# 516

Delta R.T. -0.000 min

Lab File: VD073642.D

Acq: 21 Jun 2022 12:58

Tgt Ion: 84 Resp: 340

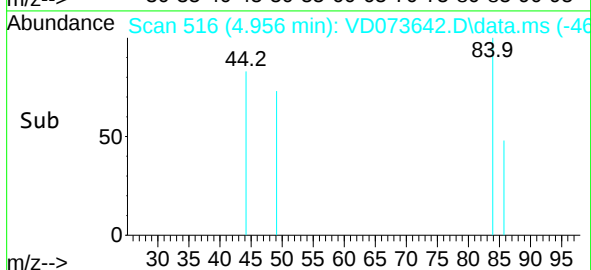
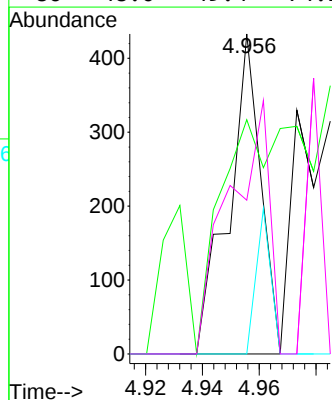
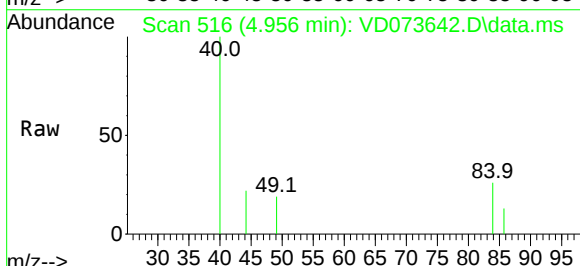
Ion Ratio Lower Upper

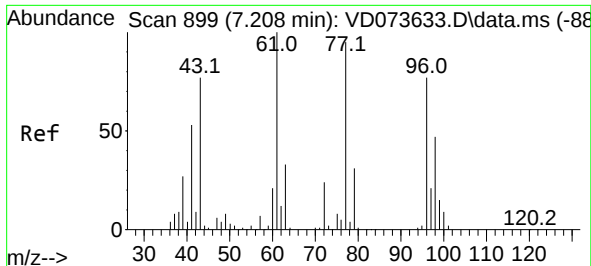
84 100

49 26.8 89.0 133.6#

51 0.0 26.7 40.1#

86 48.0 49.4 74.2#

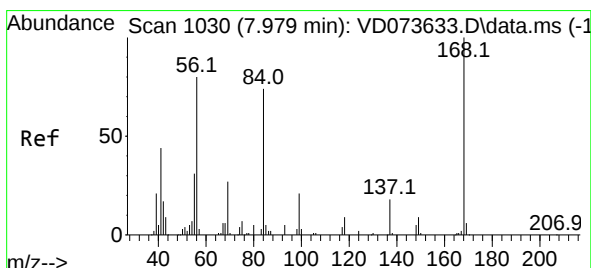
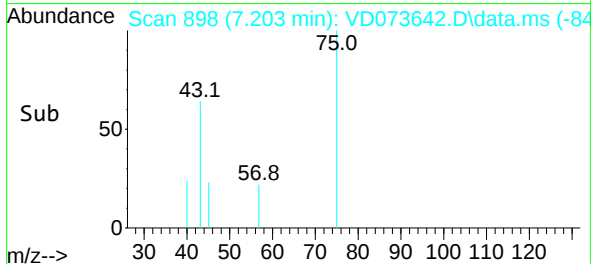
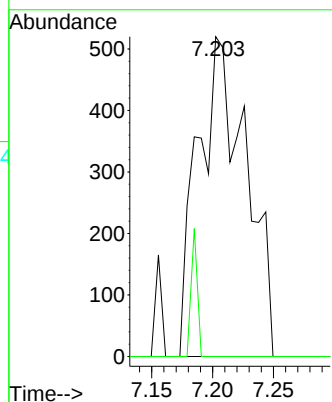
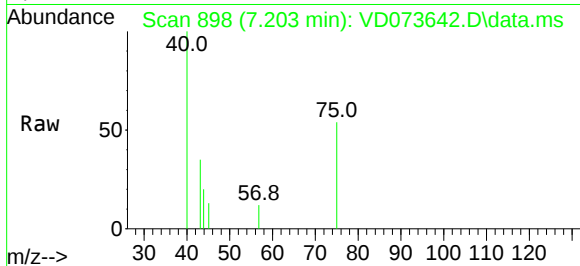




#25
2-Butanone
Concen: 46.280 ug/l
RT: 7.203 min Scan# 89
Delta R.T. -0.006 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

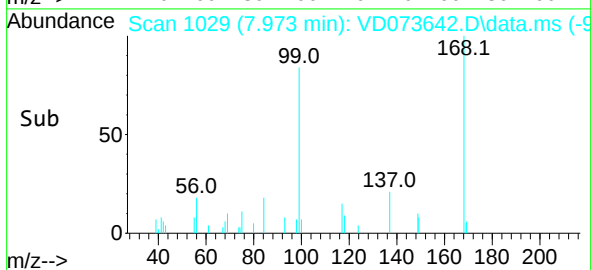
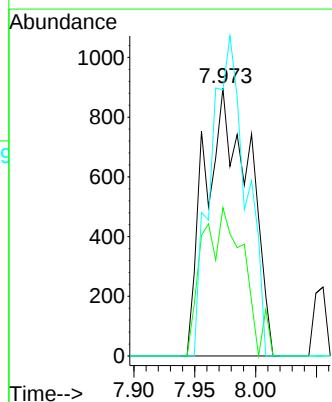
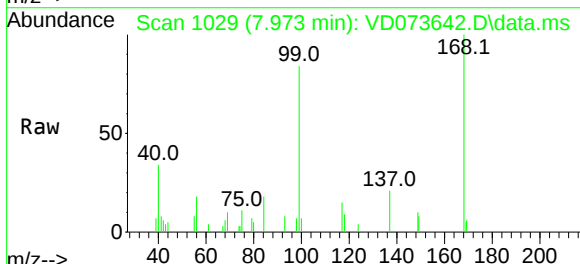
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-12

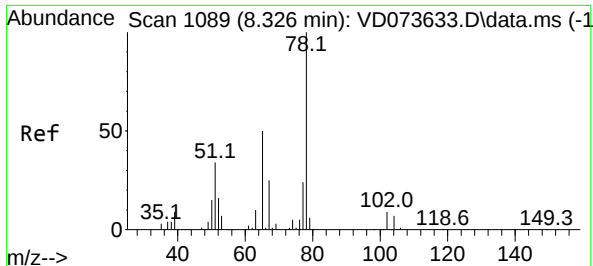
Tgt Ion: 43 Resp: 1422
Ion Ratio Lower Upper
43 100
72 0.0 24.7 37.1#



#31
Cyclohexane
Concen: 11.272 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

Tgt Ion: 56 Resp: 2277
Ion Ratio Lower Upper
56 100
69 55.4 26.9 40.3#
84 99.3 73.8 110.8





#33

1,2-Dichloroethane-d4

Concen: 88.003 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073642.D

Acq: 21 Jun 2022 12:58

Instrument :

MSVOA_D

ClientSampleId :

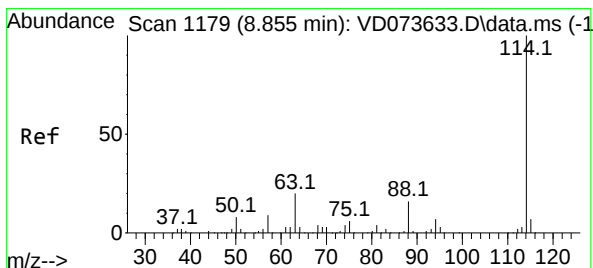
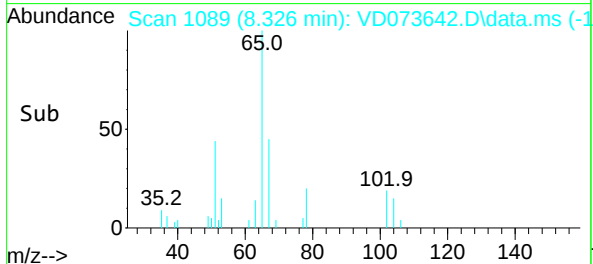
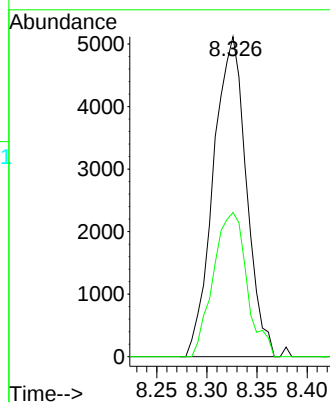
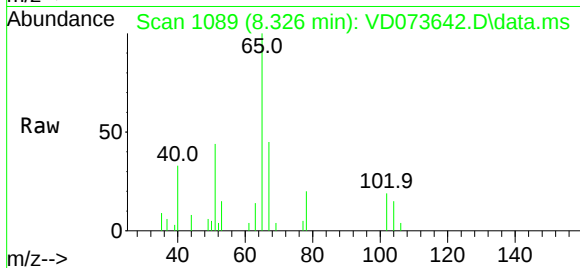
WC-14A-1A-12

Tgt Ion: 65 Resp: 11684

Ion Ratio Lower Upper

65 100

67 45.9 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073642.D

Acq: 21 Jun 2022 12:58

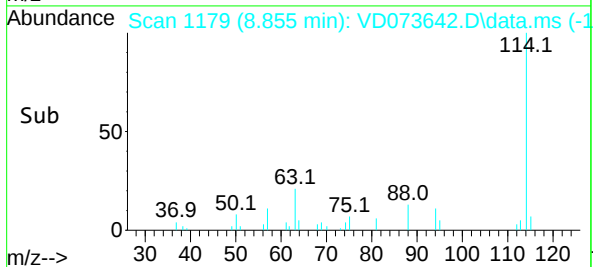
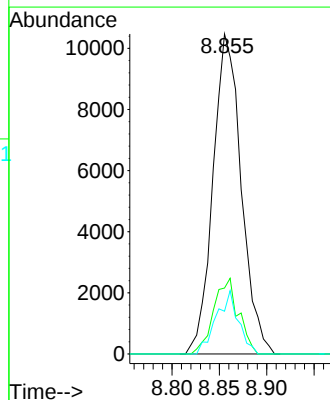
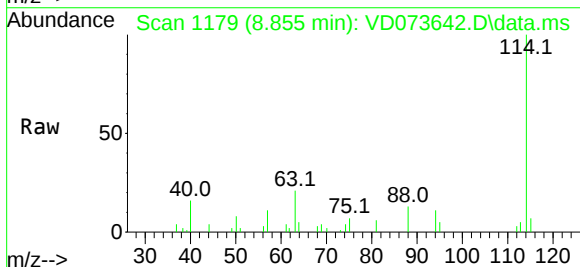
Tgt Ion: 114 Resp: 21749

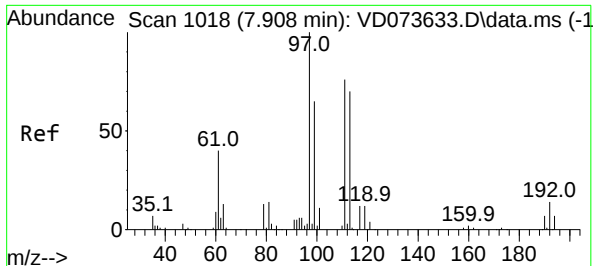
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.4

88 13.3 0.0 32.2

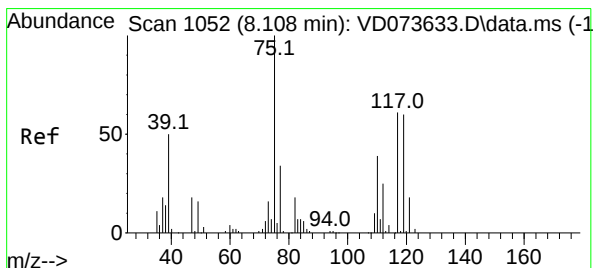
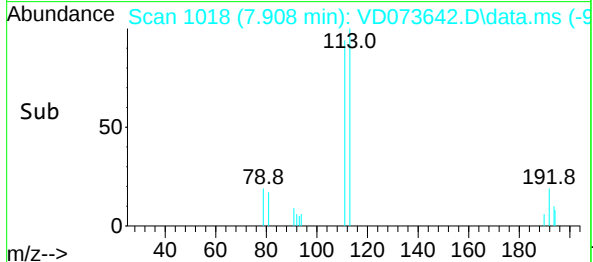
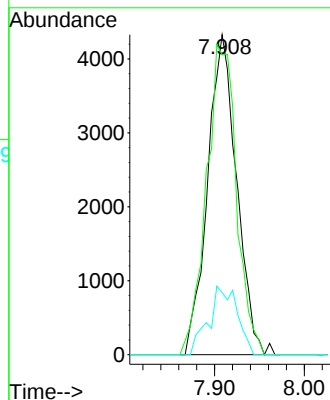
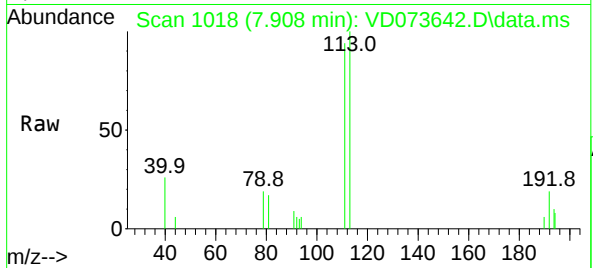




#35
Dibromofluoromethane
Concen: 61.606 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

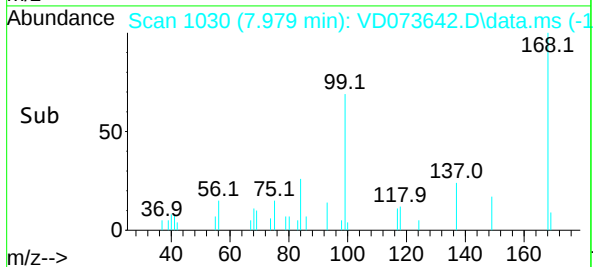
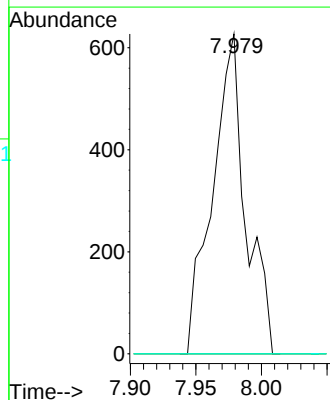
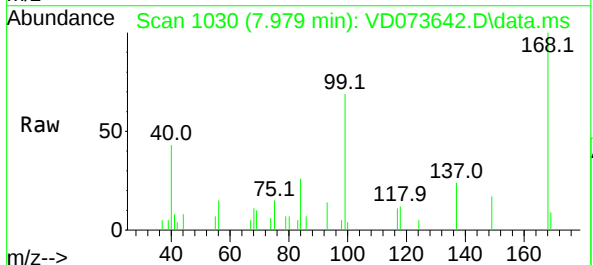
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-12

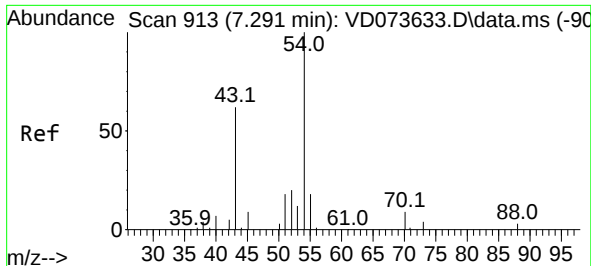
Tgt Ion:113 Resp: 9720
Ion Ratio Lower Upper
113 100
111 100.3 81.1 121.7
192 21.1 14.3 21.5



#36
1,1-Dichloropropene
Concen: 4.991 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

Tgt Ion: 75 Resp: 1103
Ion Ratio Lower Upper
75 100
110 0.0 18.4 55.4#
77 0.0 25.7 38.5#





#37

Ethyl Acetate

Concen: 16.723 ug/l

RT: 7.203 min Scan# 89

Delta R.T. -0.088 min

Lab File: VD073642.D

Acq: 21 Jun 2022 12:58

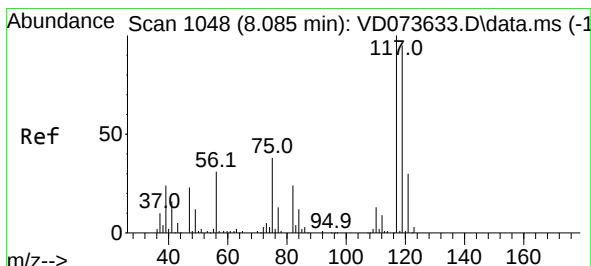
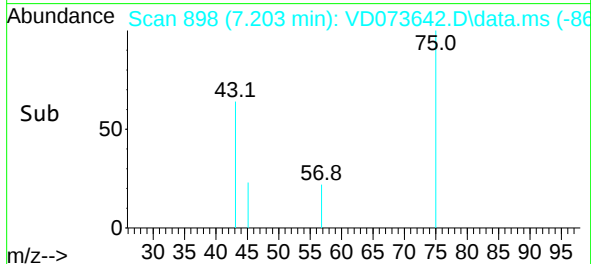
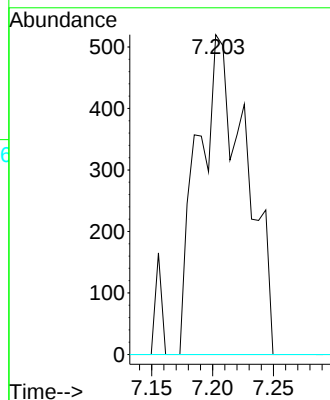
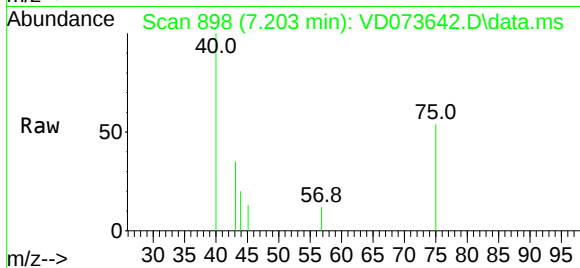
Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-12

Tgt Ion: 43	Resp: 1422
Ion Ratio	Lower Upper
43 100	
61 0.0	10.5 15.7#
70 0.0	8.9 13.3#



#38

Carbon Tetrachloride

Concen: 6.315 ug/l

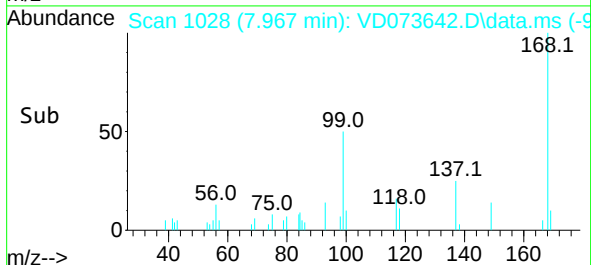
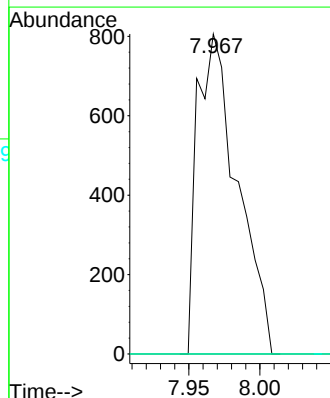
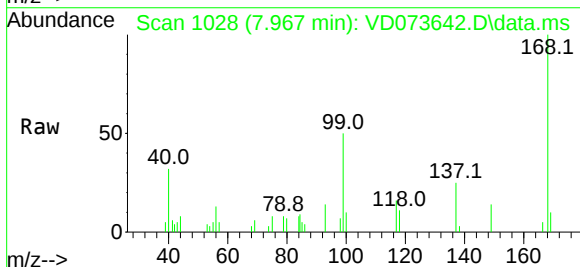
RT: 7.967 min Scan# 1028

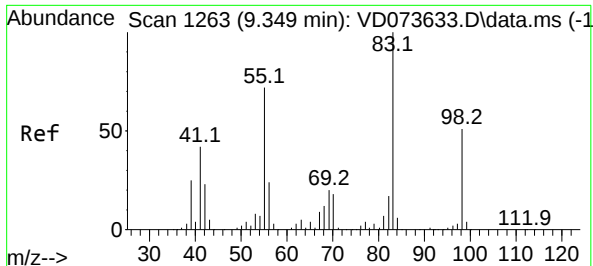
Delta R.T. -0.118 min

Lab File: VD073642.D

Acq: 21 Jun 2022 12:58

Tgt Ion: 117	Resp: 1585
Ion Ratio	Lower Upper
117 100	
119 0.0	75.6 113.4#
121 0.0	24.2 36.4#





#39

Methylcyclohexane

Concen: 15.751 ug/l

RT: 9.349 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073642.D

Acq: 21 Jun 2022 12:58

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-12

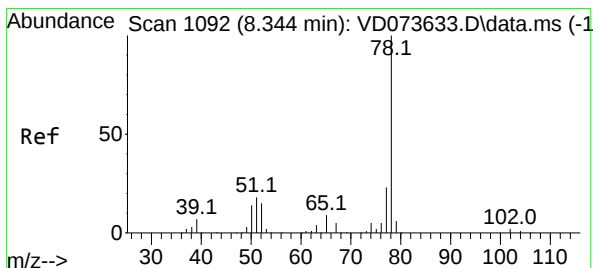
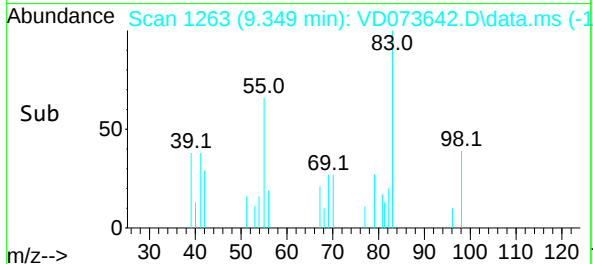
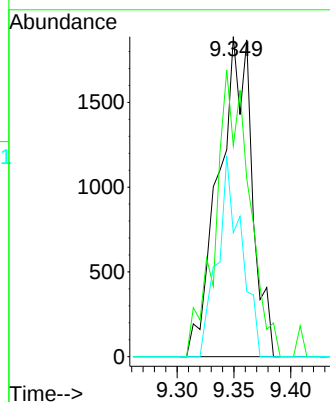
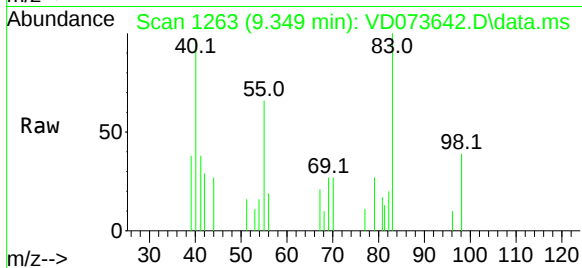
Tgt Ion: 83 Resp: 3857

Ion Ratio Lower Upper

83 100

55 65.9 57.4 86.2

98 38.7 40.6 60.8#



#40

Benzene

Concen: 9.196 ug/l

RT: 8.338 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD073642.D

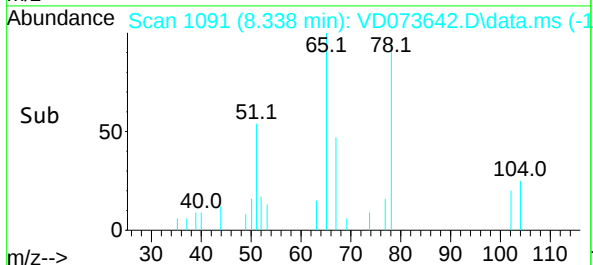
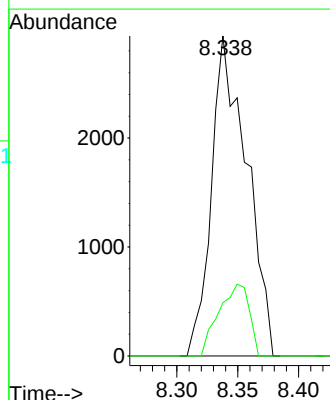
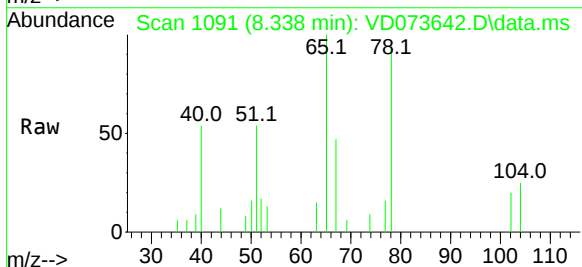
Acq: 21 Jun 2022 12:58

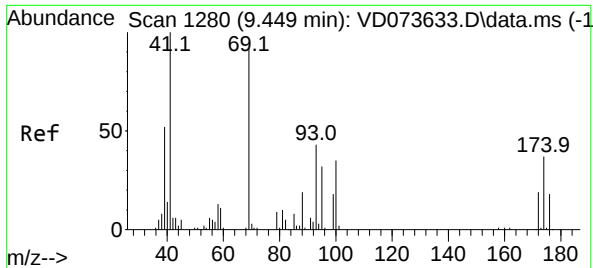
Tgt Ion: 78 Resp: 5879

Ion Ratio Lower Upper

78 100

77 16.6 18.6 27.8#

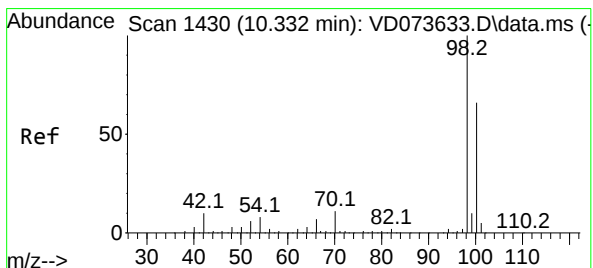
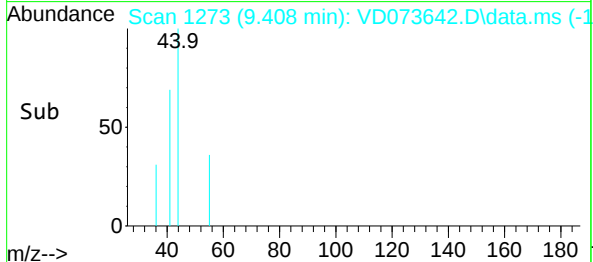
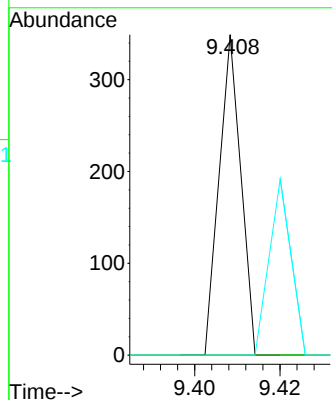
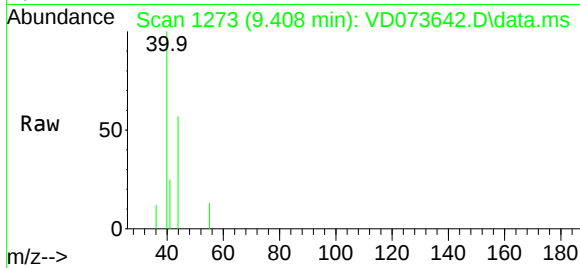




#48
Methyl methacrylate
Concen: 1.518 ug/l
RT: 9.408 min Scan# 11
Delta R.T. -0.041 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

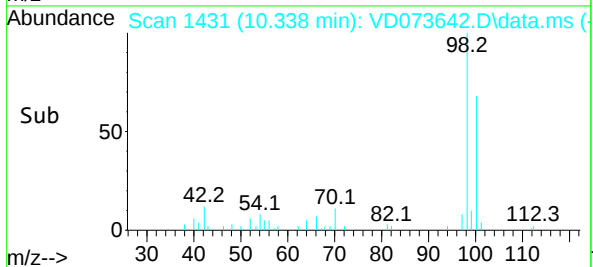
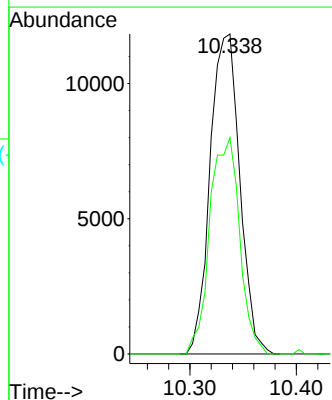
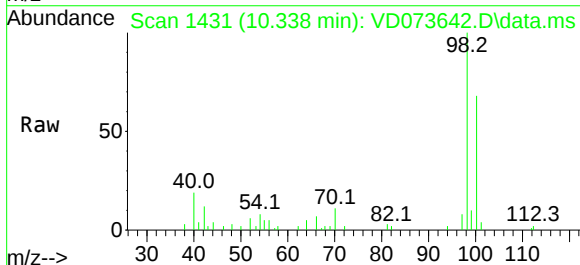
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-12

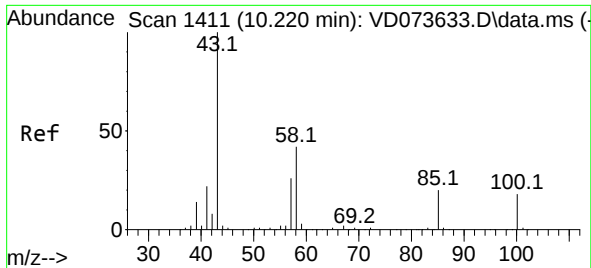
Tgt Ion: 41 Resp: 123
Ion Ratio Lower Upper
41 100
69 0.0 67.6 101.4#
39 55.3 45.4 68.0



#50
Toluene-d8
Concen: 40.550 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

Tgt Ion: 98 Resp: 22899
Ion Ratio Lower Upper
98 100
100 67.7 51.4 77.2

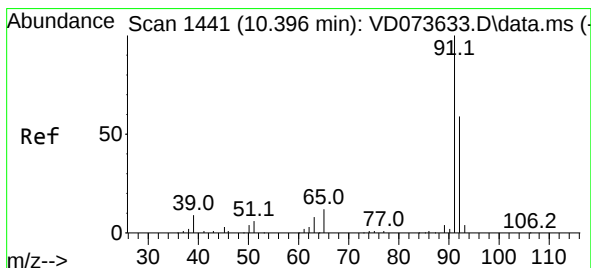
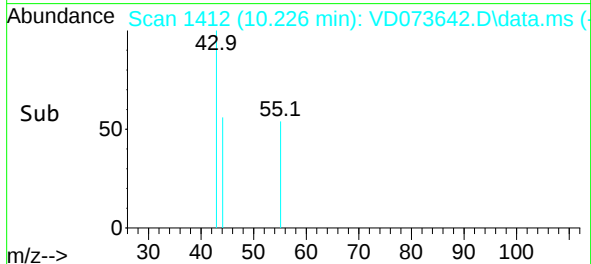
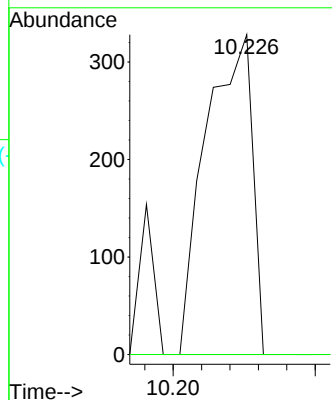
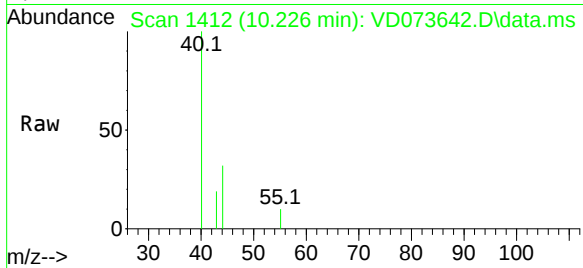




#51
4-Methyl-2-Pentanone
Concen: 4.539 ug/l
RT: 10.226 min Scan# 1411
Delta R.T. 0.006 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

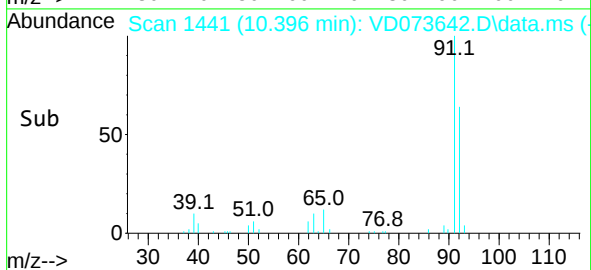
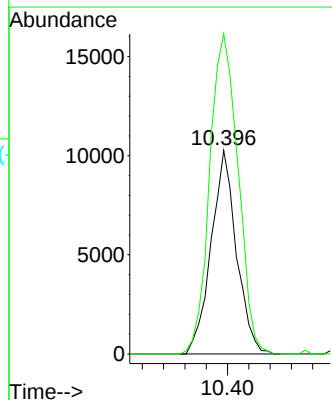
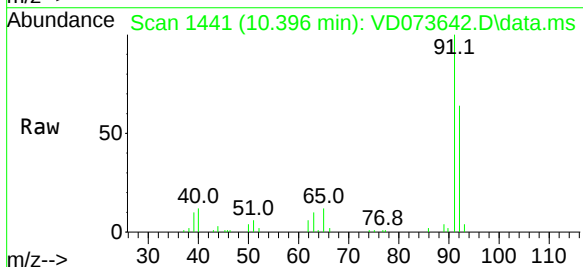
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-12

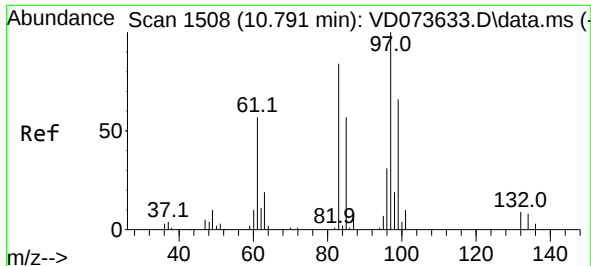
Tgt Ion: 43 Resp: 373
Ion Ratio Lower Upper
43 100
58 0.0 32.4 48.6#



#52
Toluene
Concen: 40.607 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

Tgt Ion: 92 Resp: 16967
Ion Ratio Lower Upper
92 100
91 176.0 136.1 204.1

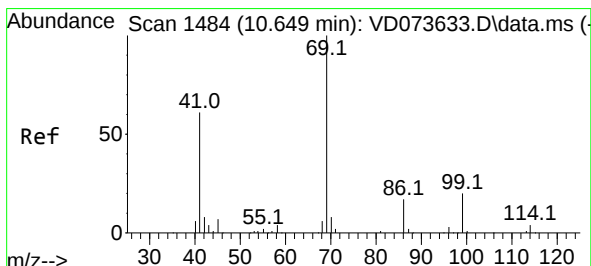
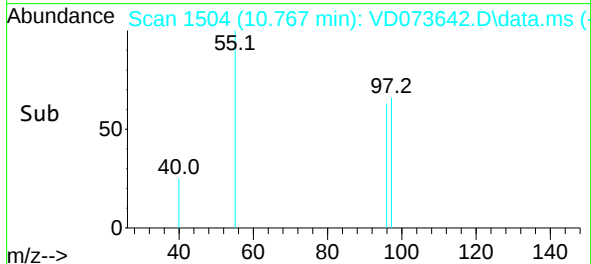
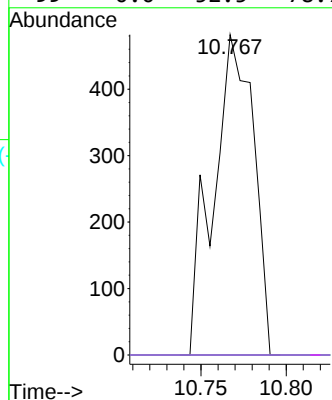
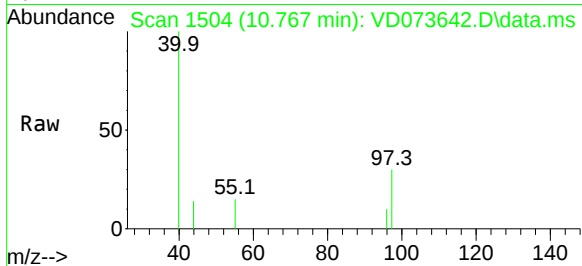




#55
1,1,2-Trichloroethane
Concen: 6.195 ug/l
RT: 10.767 min Scan# 1504
Delta R.T. -0.024 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

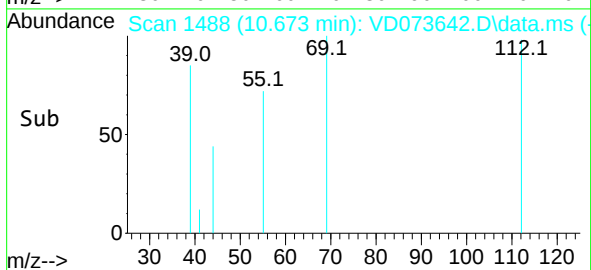
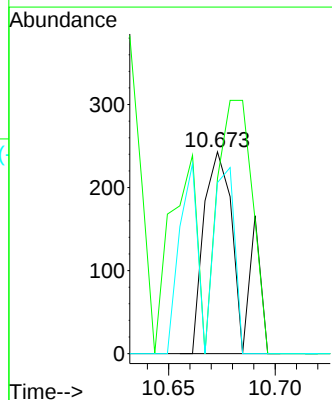
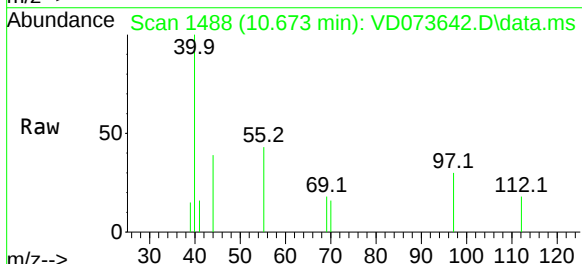
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-12

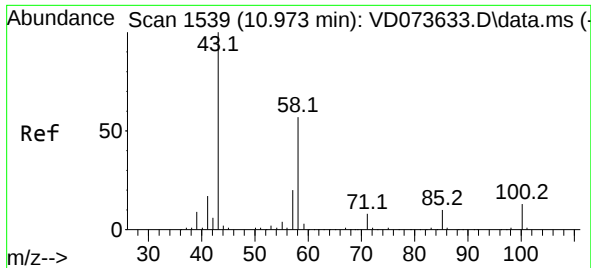
Tgt Ion: 97	Resp: 798
Ion Ratio	Lower Upper
97 100	
83 0.0	66.8 100.2#
85 0.0	45.2 67.8#
99 0.0	52.5 78.7#



#56
Ethyl methacrylate
Concen: 1.942 ug/l
RT: 10.673 min Scan# 1488
Delta R.T. 0.024 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

Tgt Ion: 69	Resp: 276
Ion Ratio	Lower Upper
69 100	
41 125.4	50.8 76.2#
39 55.1	26.2 39.4#

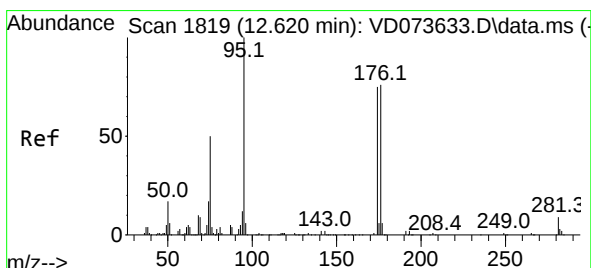
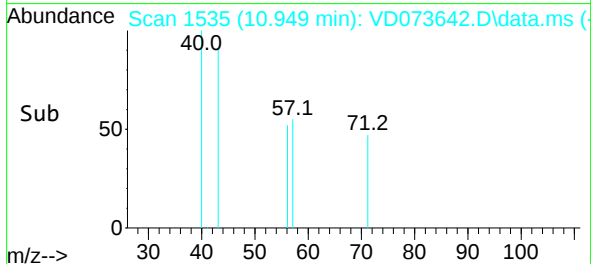
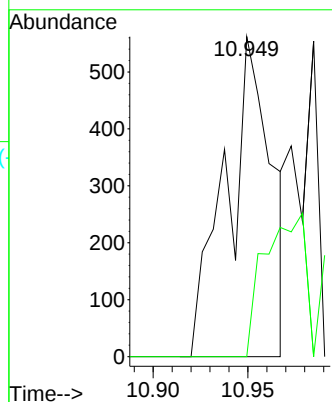
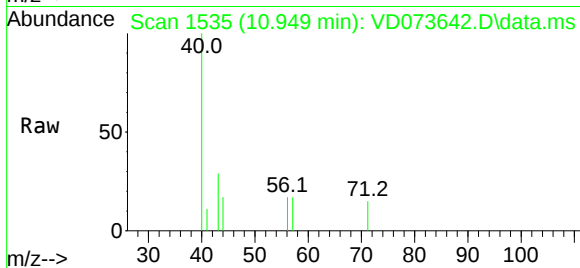




#59
2-Hexanone
Concen: 16.356 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.024 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

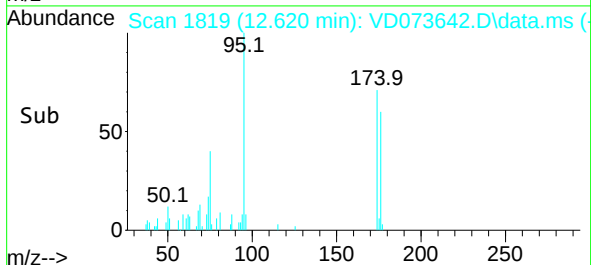
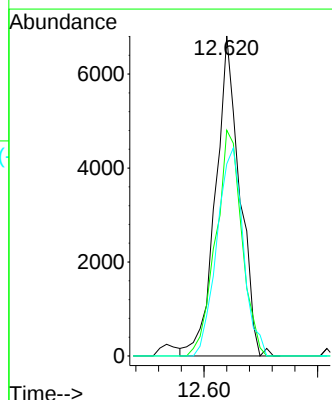
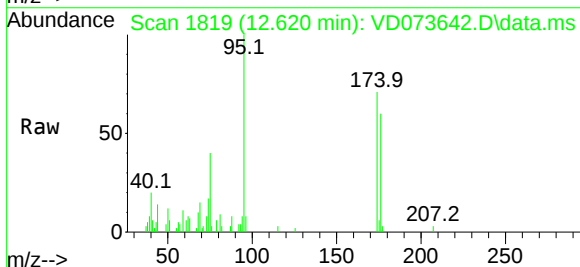
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-12

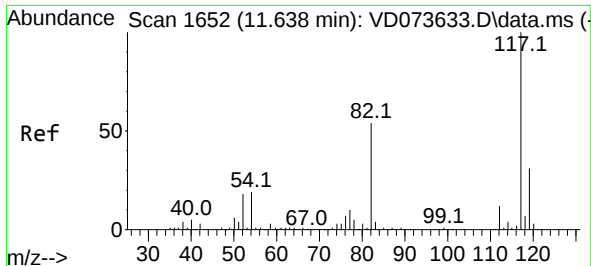
Tgt Ion: 43 Resp: 927
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.2#



#62
4-Bromofluorobenzene
Concen: 48.538 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

Tgt Ion: 95 Resp: 10052
Ion Ratio Lower Upper
95 100
174 76.0 0.0 156.4
176 70.9 0.0 151.8

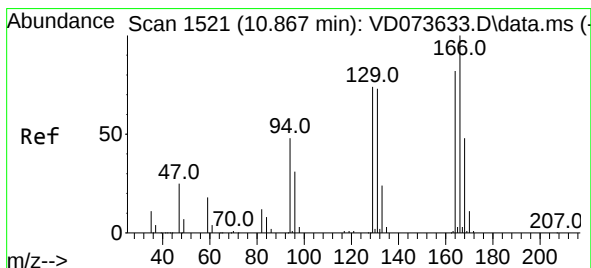
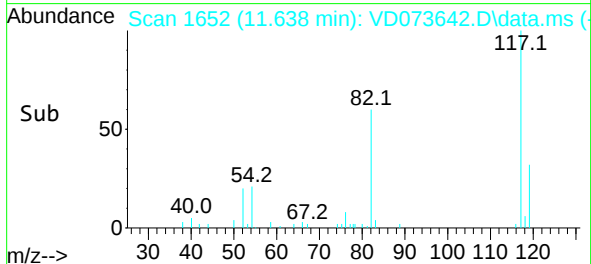
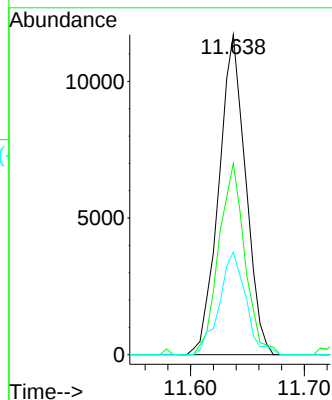
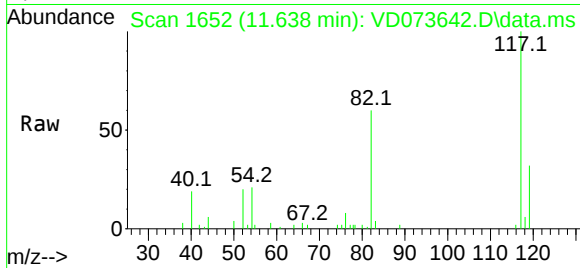




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

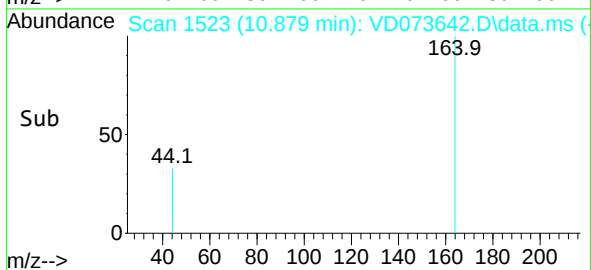
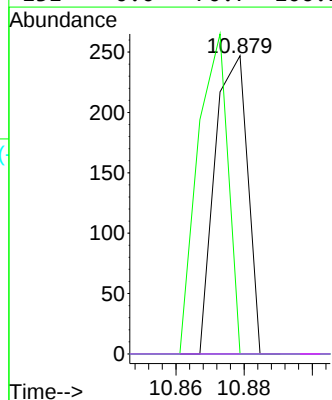
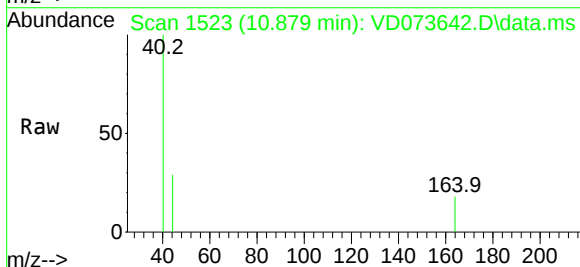
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-12

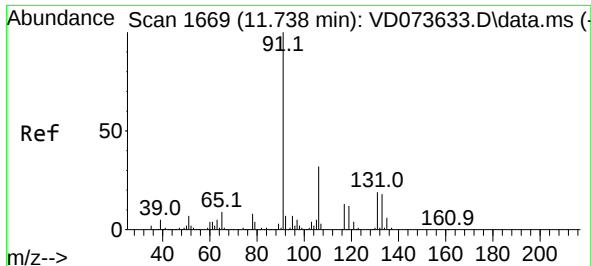
Tgt Ion:117 Resp: 19258
Ion Ratio Lower Upper
117 100
82 59.8 43.0 64.4
119 32.0 24.5 36.7



#64
Tetrachloroethene
Concen: 1.150 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.012 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

Tgt Ion:164 Resp: 164
Ion Ratio Lower Upper
164 100
166 0.0 97.1 145.7#
129 0.0 72.1 108.1#
131 0.0 70.7 106.1#

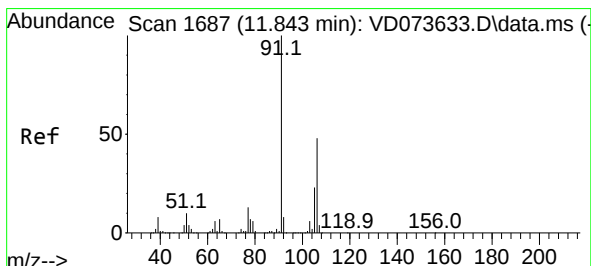
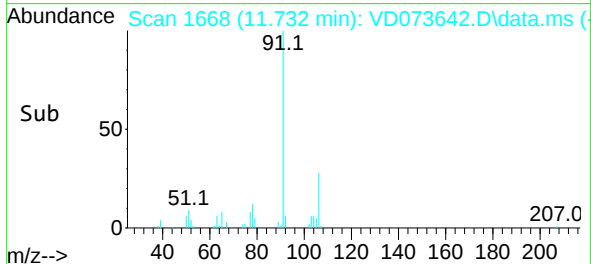
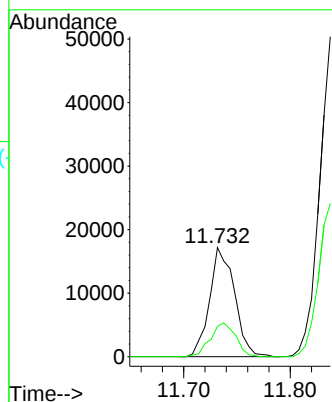
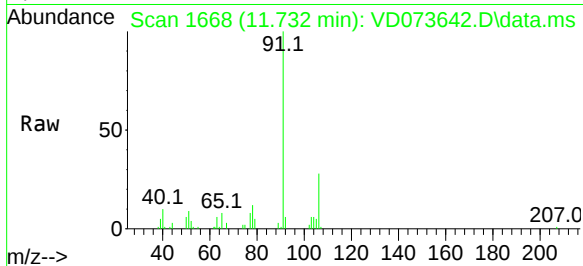




#67
Ethyl Benzene
Concen: 38.196 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

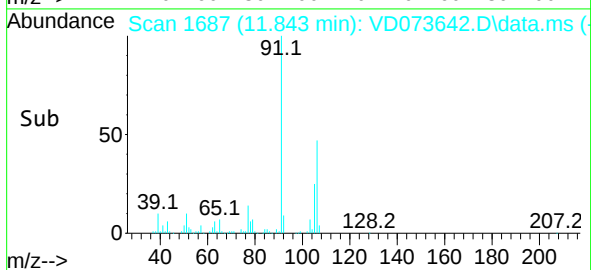
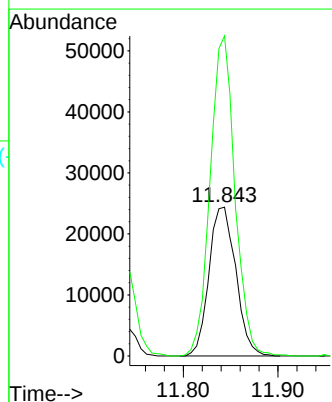
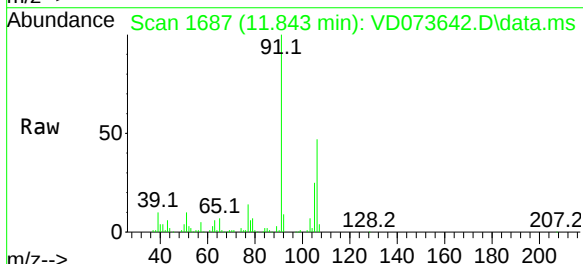
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-12

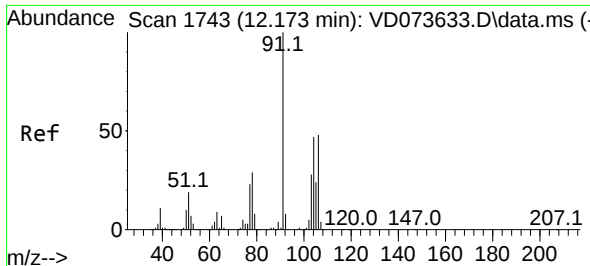
Tgt Ion: 91 Resp: 27925
Ion Ratio Lower Upper
91 100
106 27.8 25.8 38.6



#68
m/p-Xylenes
Concen: 166.832 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

Tgt Ion: 106 Resp: 48033
Ion Ratio Lower Upper
106 100
91 198.9 162.7 244.1

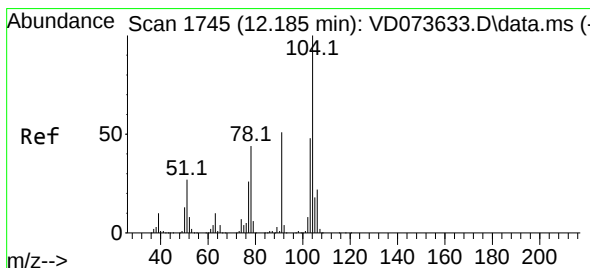
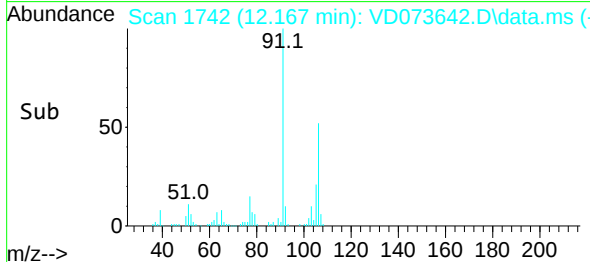
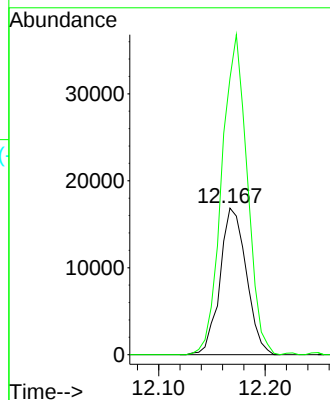
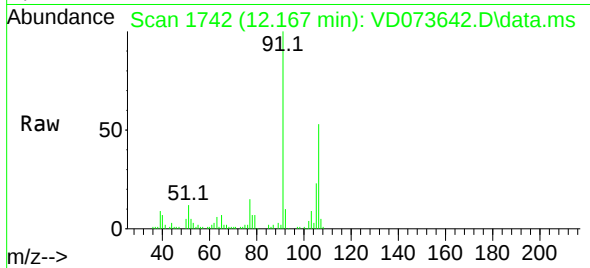




#69
o-Xylene
Concen: 107.684 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

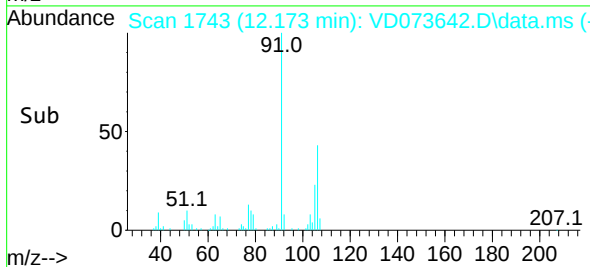
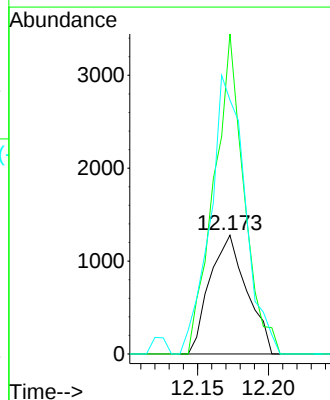
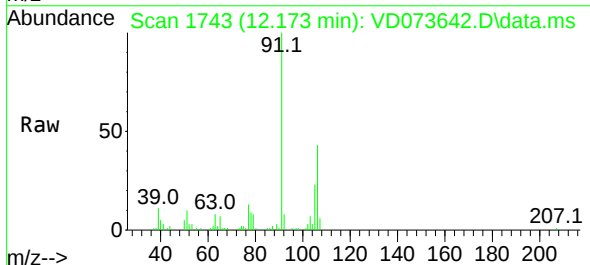
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-12

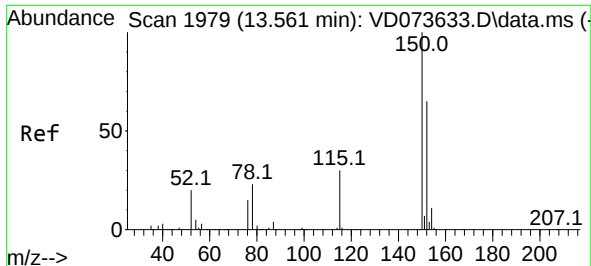
Tgt Ion:106 Resp: 28897
Ion Ratio Lower Upper
106 100
91 211.3 107.1 321.3



#70
Styrene
Concen: 5.044 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.012 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

Tgt Ion:104 Resp: 2321
Ion Ratio Lower Upper
104 100
78 218.0 40.1 60.1#
103 220.5 42.8 64.2#

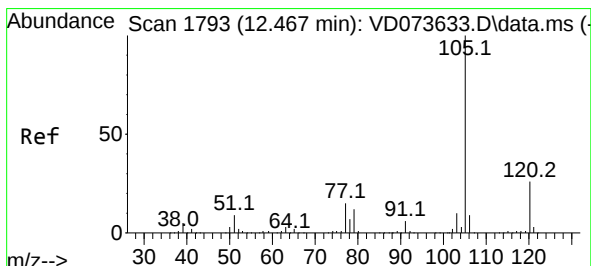
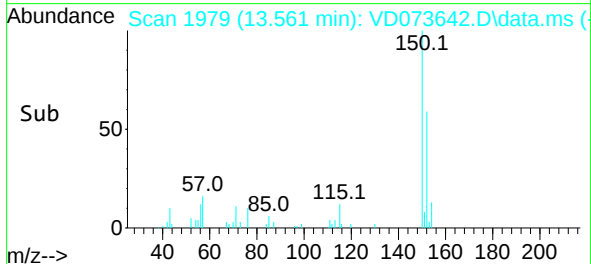
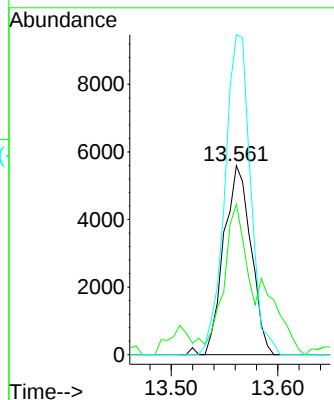
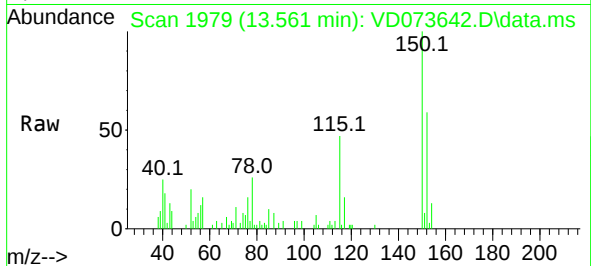




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

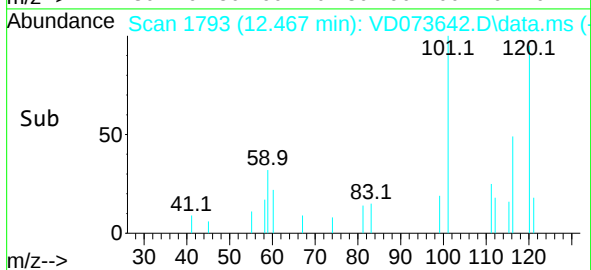
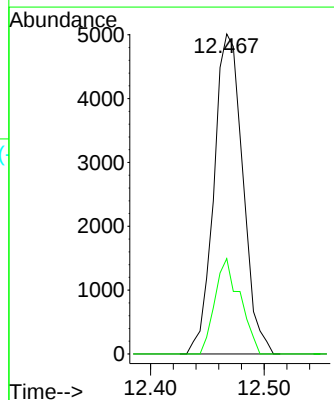
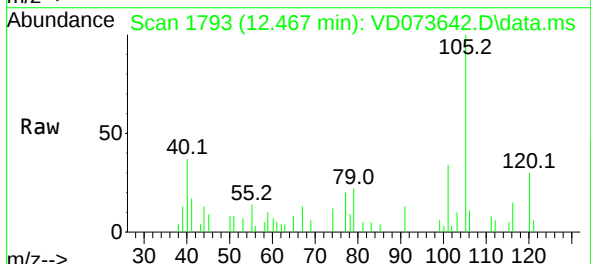
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-12

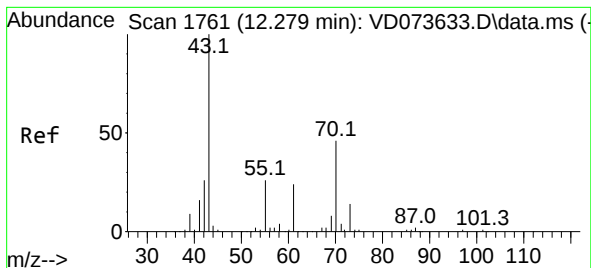
Tgt Ion:152 Resp: 9933
Ion Ratio Lower Upper
152 100
115 60.2 29.6 88.9
150 159.9 0.0 351.2



#73
Isopropylbenzene
Concen: 12.359 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

Tgt Ion:105 Resp: 8858
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1





#74

N-amy1 acetate

Concen: 23.775 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.024 min

Lab File: VD073642.D

Acq: 21 Jun 2022 12:58

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-12

Tgt Ion: 43 Resp: 3444

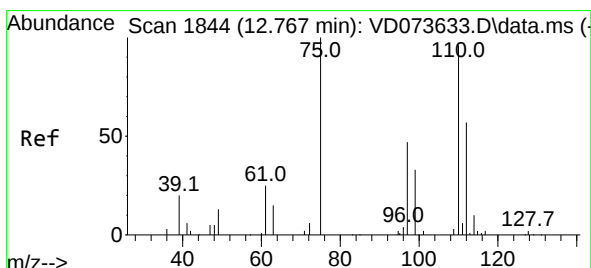
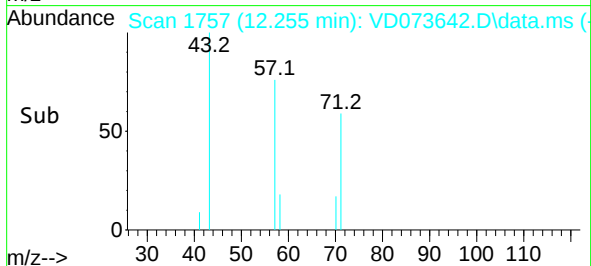
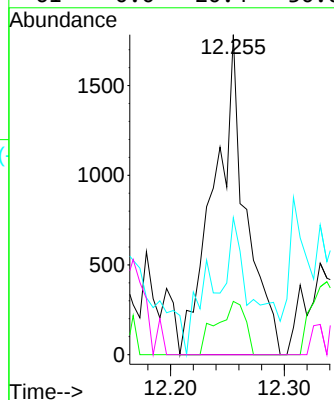
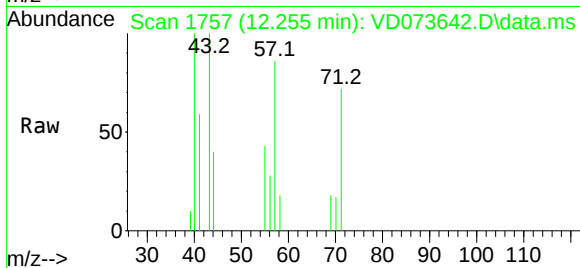
Ion Ratio Lower Upper

43 100

70 15.0 35.8 53.8#

55 17.2 21.1 31.7#

61 0.0 20.4 30.6#



#76

1,2,3-Trichloropropane

Concen: 6.553 ug/l

RT: 12.879 min Scan# 1863

Delta R.T. 0.112 min

Lab File: VD073642.D

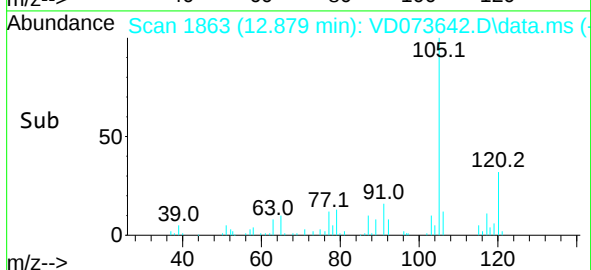
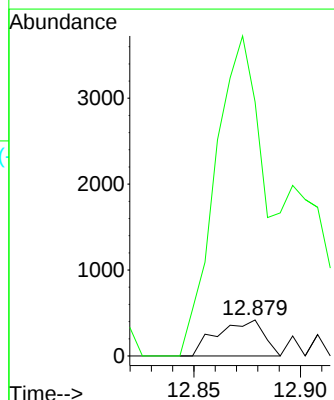
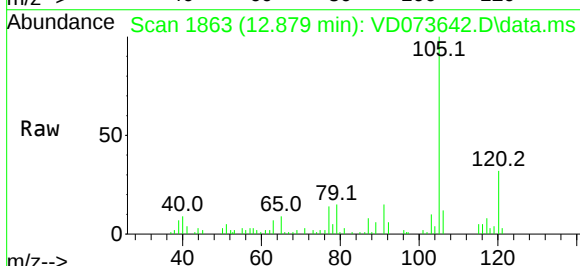
Acq: 21 Jun 2022 12:58

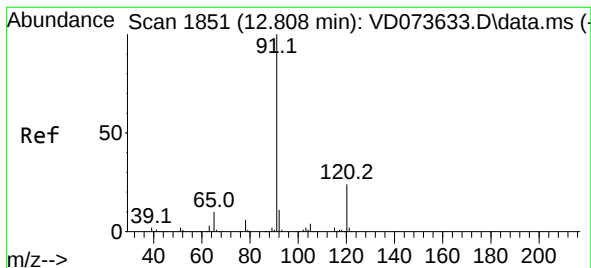
Tgt Ion: 75 Resp: 630

Ion Ratio Lower Upper

75 100

77 971.7 208.9 626.7#





#78

n-propylbenzene

Concen: 18.964 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD073642.D

Acq: 21 Jun 2022 12:58

Instrument :

MSVOA_D

ClientSampleId :

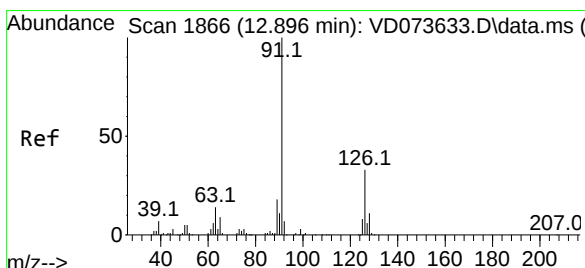
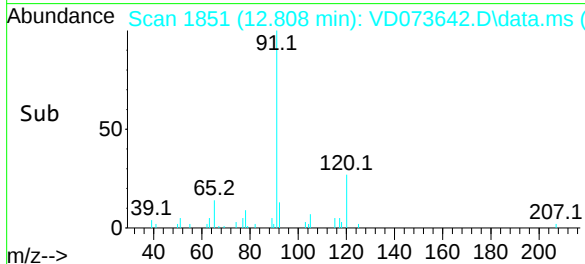
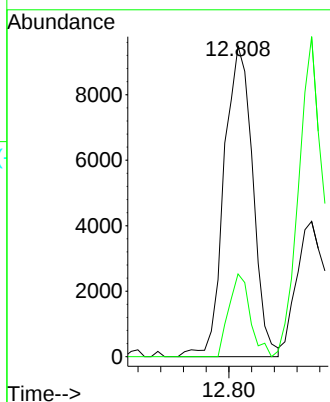
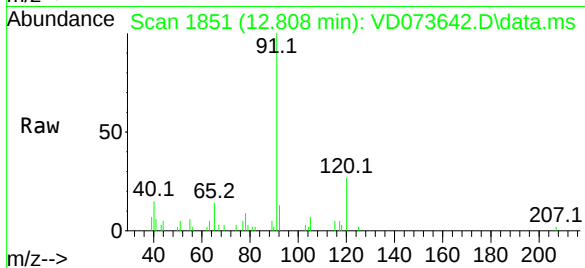
WC-14A-1A-12

Tgt Ion: 91 Resp: 16648

Ion Ratio Lower Upper

91 100

120 19.7 11.5 34.4



#79

2-Chlorotoluene

Concen: 12.558 ug/l

RT: 12.873 min Scan# 1862

Delta R.T. -0.024 min

Lab File: VD073642.D

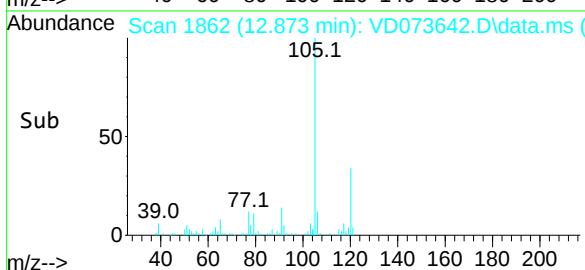
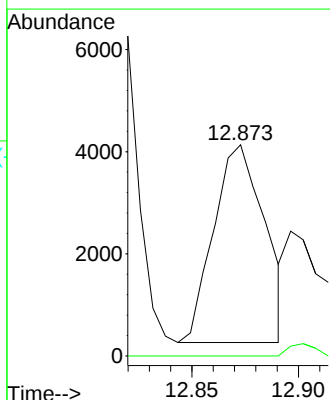
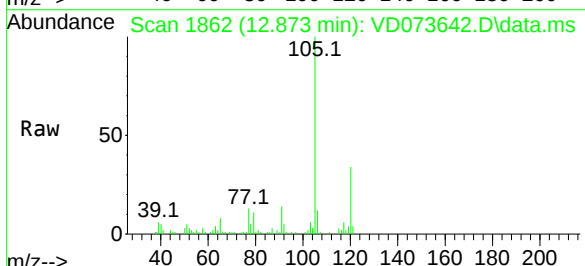
Acq: 21 Jun 2022 12:58

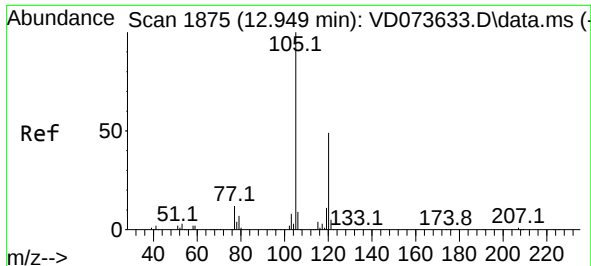
Tgt Ion: 91 Resp: 6466

Ion Ratio Lower Upper

91 100

126 0.0 17.3 51.7#

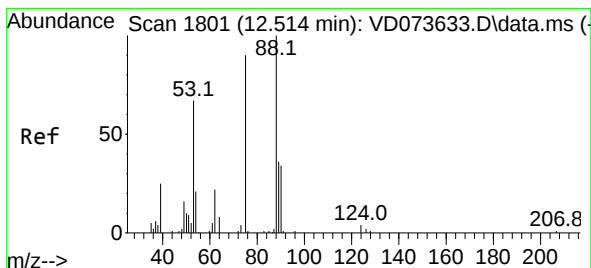
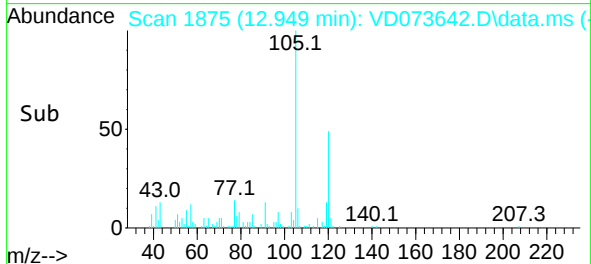
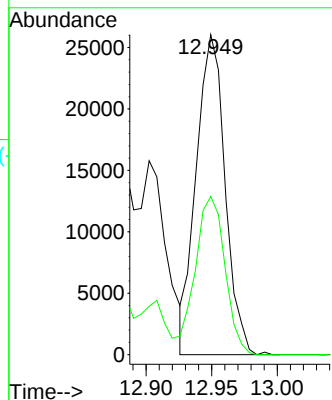
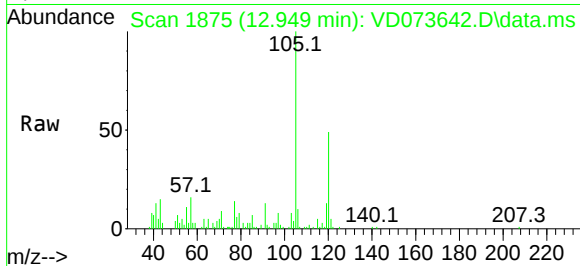




#80
 1,3,5-Trimethylbenzene
 Concen: 65.020 ug/l
 RT: 12.949 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VD073642.D
 Acq: 21 Jun 2022 12:58

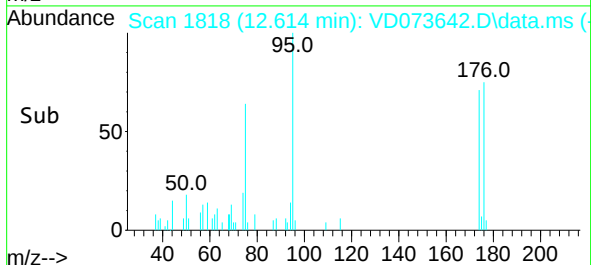
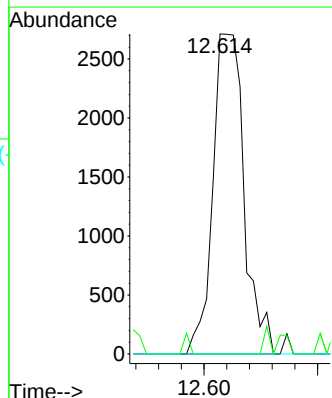
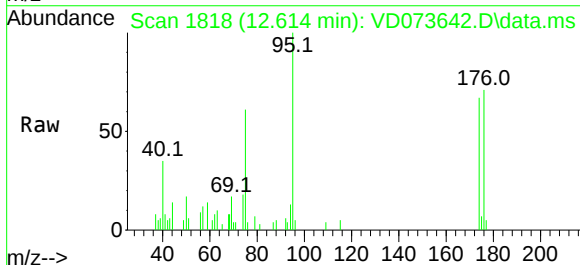
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-1A-12

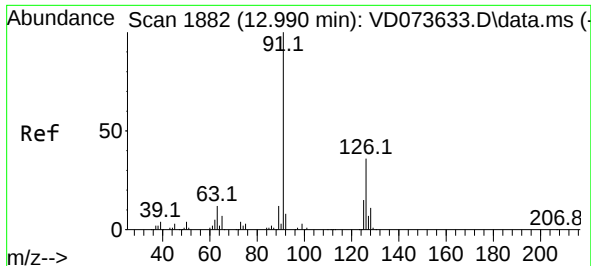
Tgt Ion:105 Resp: 39799
 Ion Ratio Lower Upper
 105 100
 120 51.5 24.4 73.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.325 ug/l
 RT: 12.614 min Scan# 1818
 Delta R.T. 0.100 min
 Lab File: VD073642.D
 Acq: 21 Jun 2022 12:58

Tgt Ion: 75 Resp: 5179
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.5 105.7#
 89 0.0 35.8 53.8#

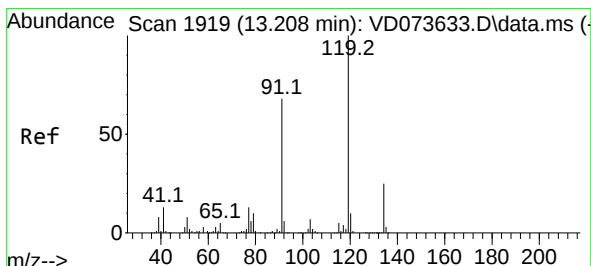
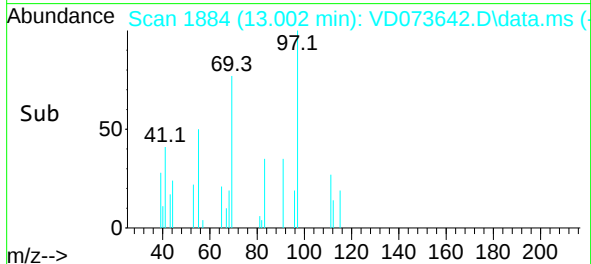
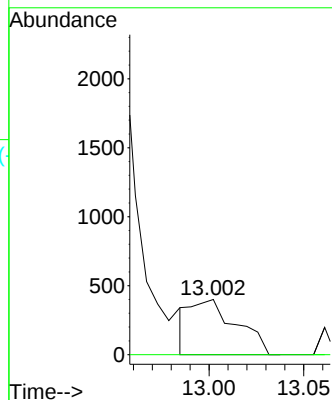
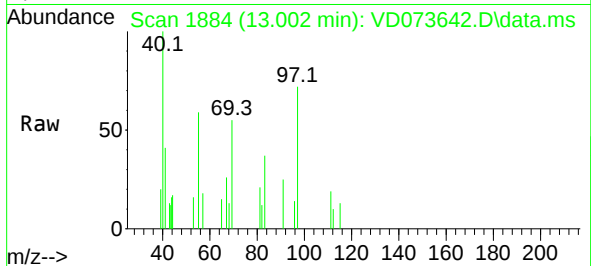




#82
4-Chlorotoluene
Concen: 1.241 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.012 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

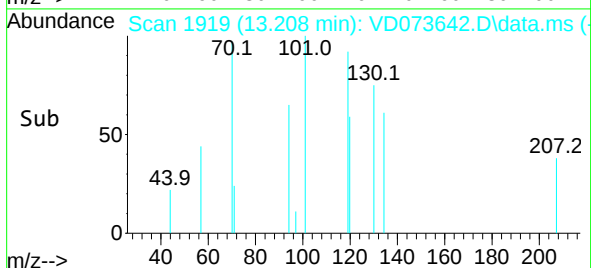
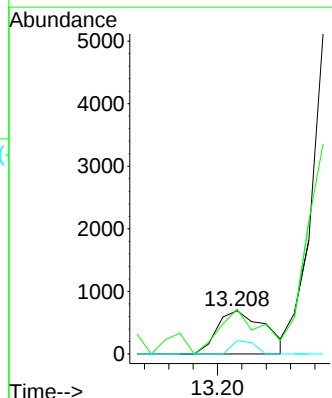
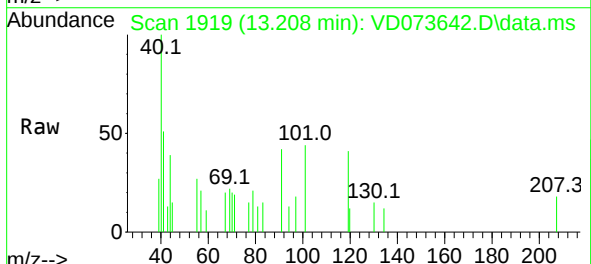
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-12

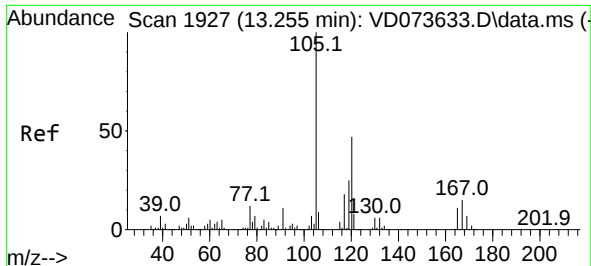
Tgt Ion: 91 Resp: 682
Ion Ratio Lower Upper
91 100
126 0.0 17.1 51.2#



#83
tert-Butylbenzene
Concen: 1.783 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

Tgt Ion: 119 Resp: 945
Ion Ratio Lower Upper
119 100
91 91.7 32.3 96.8
134 14.6 13.3 39.8

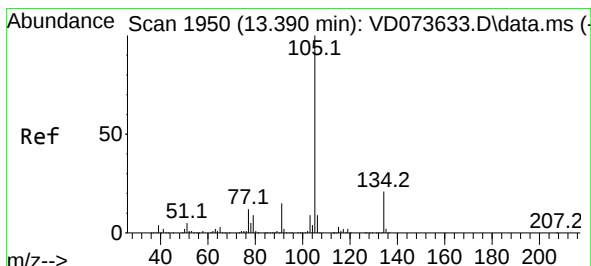
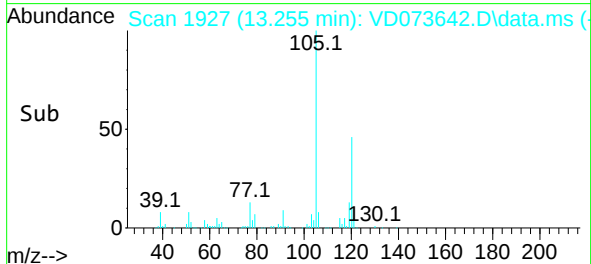
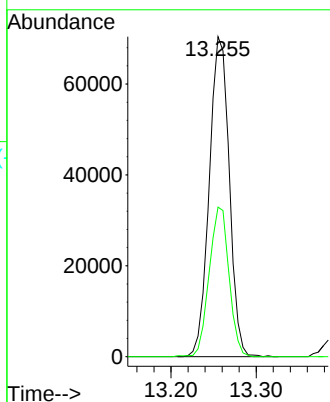
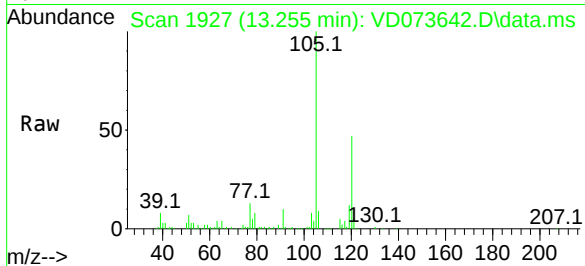




#84
1,2,4-Trimethylbenzene
Concen: 190.063 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

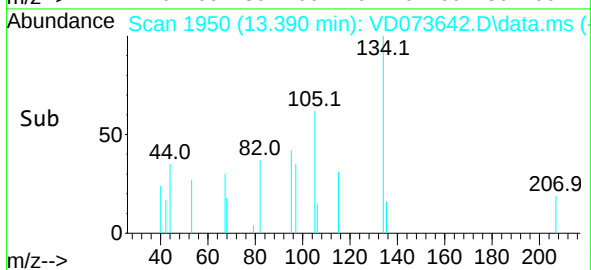
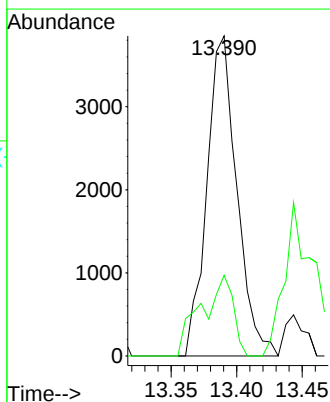
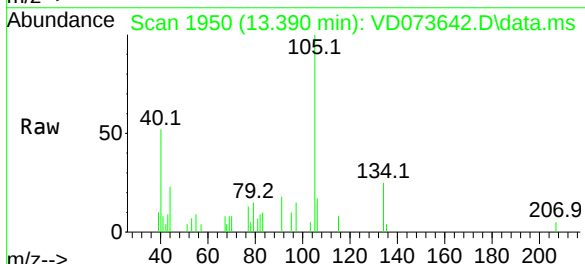
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-12

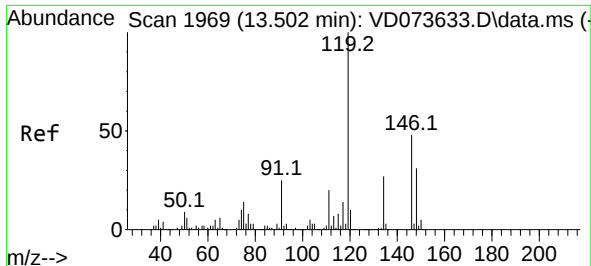
Tgt Ion:105 Resp: 114760
Ion Ratio Lower Upper
105 100
120 46.4 23.1 69.2



#85
sec-Butylbenzene
Concen: 7.782 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

Tgt Ion:105 Resp: 6131
Ion Ratio Lower Upper
105 100
134 26.9 10.3 30.8

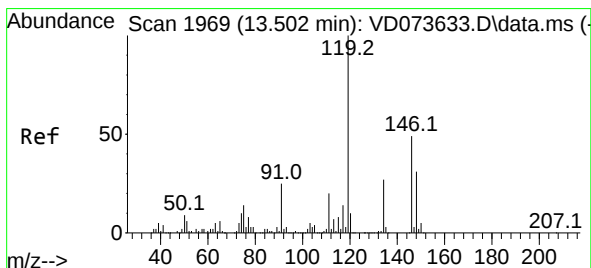
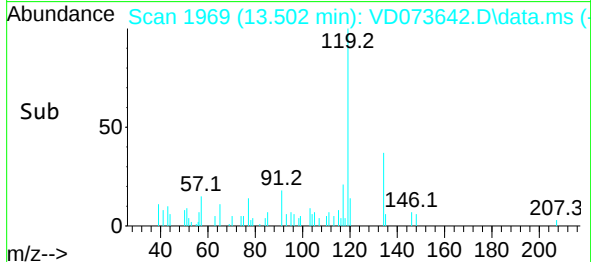
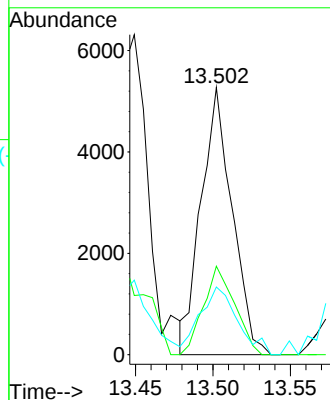
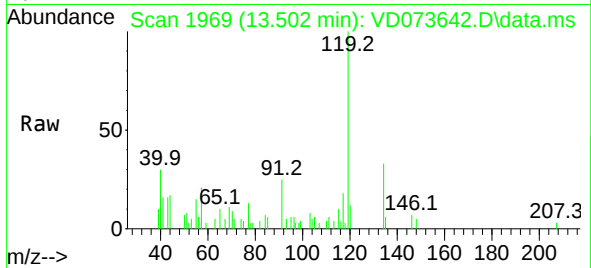




#86
 p-Isopropyltoluene
 Concen: 11.258 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073642.D
 Acq: 21 Jun 2022 12:58

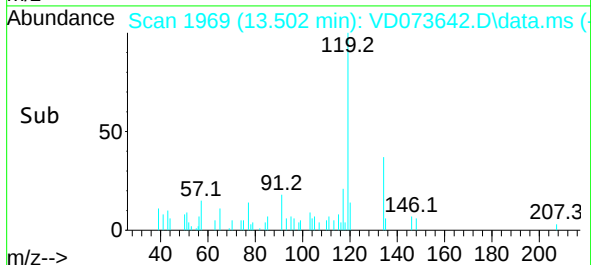
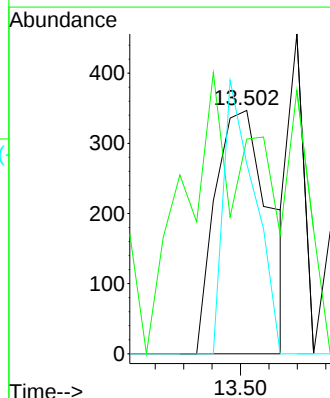
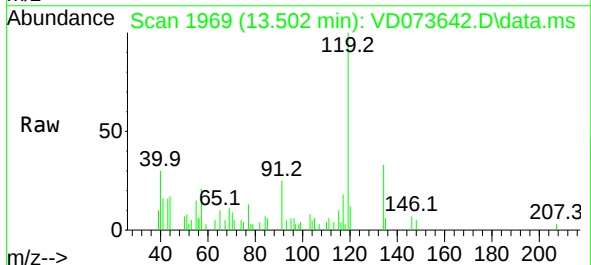
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-1A-12

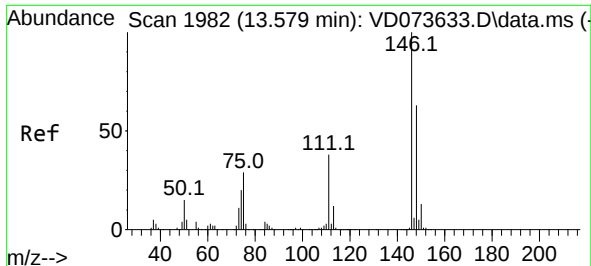
Tgt Ion:	119	Resp:	7327
Ion	Ratio	Lower	Upper
119	100		
134	33.5	13.1	39.3
91	30.7	12.0	36.0



#87
 1,3-Dichlorobenzene
 Concen: 1.290 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073642.D
 Acq: 21 Jun 2022 12:58

Tgt Ion:	146	Resp:	464
Ion	Ratio	Lower	Upper
146	100		
111	114.9	20.6	61.8#
148	63.8	31.7	95.1

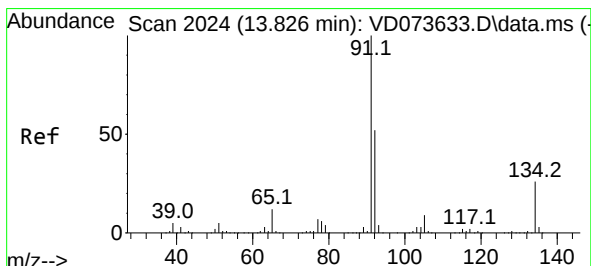
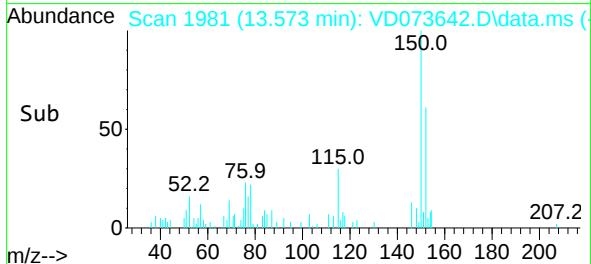
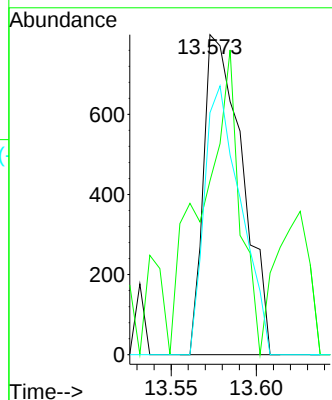
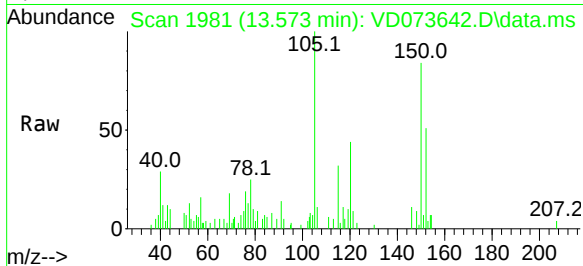




#88
1,4-Dichlorobenzene
Concen: 3.530 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

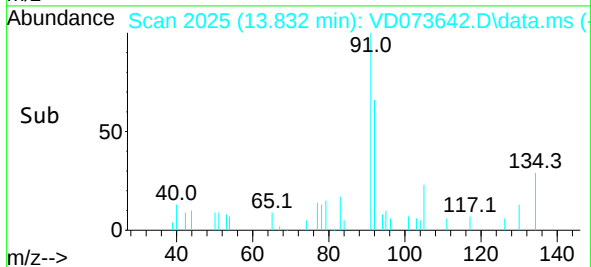
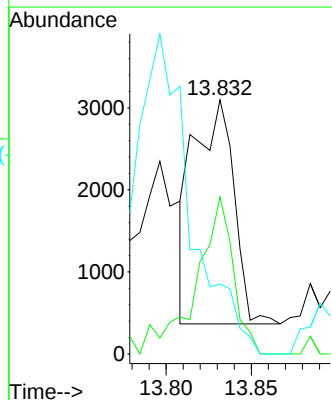
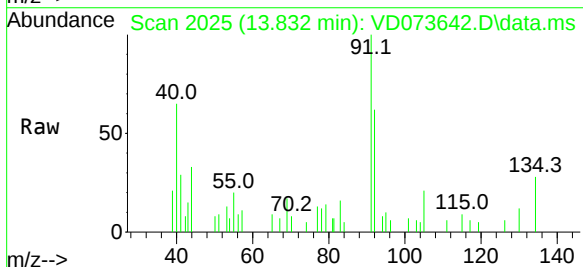
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-12

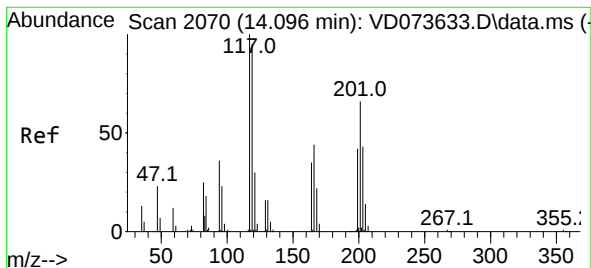
Tgt Ion:146 Resp: 1259
Ion Ratio Lower Upper
146 100
111 92.8 19.8 59.3#
148 79.2 31.9 95.9



#89
n-Butylbenzene
Concen: 7.302 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.006 min
Lab File: VD073642.D
Acq: 21 Jun 2022 12:58

Tgt Ion: 91 Resp: 4468
Ion Ratio Lower Upper
91 100
92 65.1 26.8 80.4
134 0.0 13.1 39.3#





#90

Hexachloroethane

Concen: 16.914 ug/l

RT: 14.108 min Scan# 2070

Delta R.T. 0.012 min

Lab File: VD073642.D

Acq: 21 Jun 2022 12:58

Instrument :

MSVOA_D

ClientSampleId :

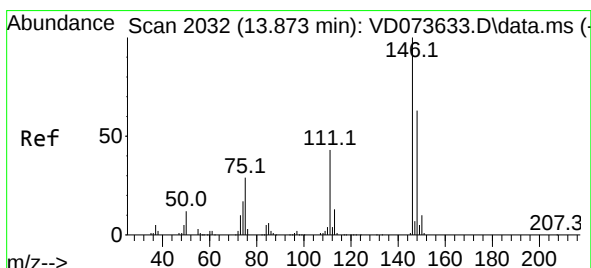
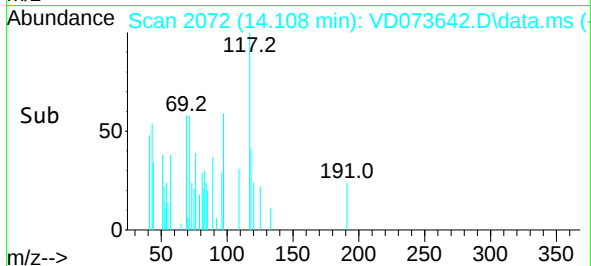
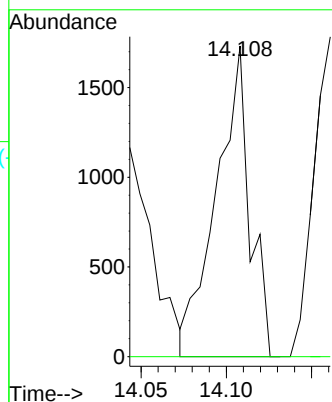
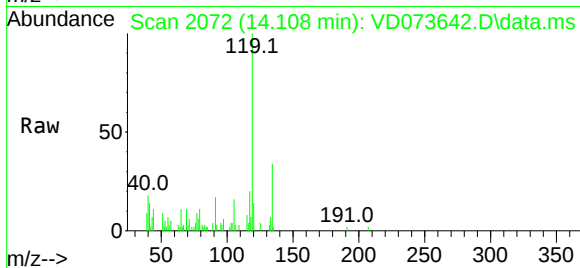
WC-14A-1A-12

Tgt Ion:117 Resp: 2351

Ion Ratio Lower Upper

117 100

201 0.0 34.5 103.6#



#91

1,2-Dichlorobenzene

Concen: 21.515 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. 0.006 min

Lab File: VD073642.D

Acq: 21 Jun 2022 12:58

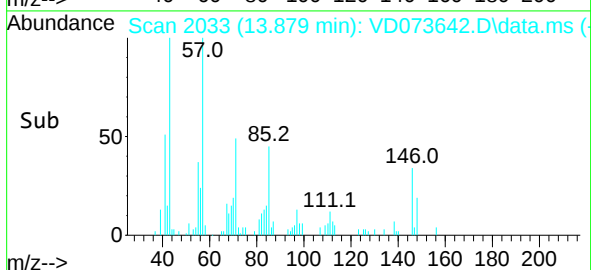
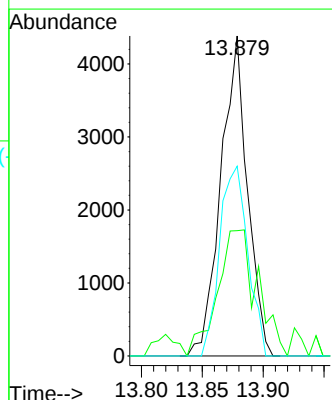
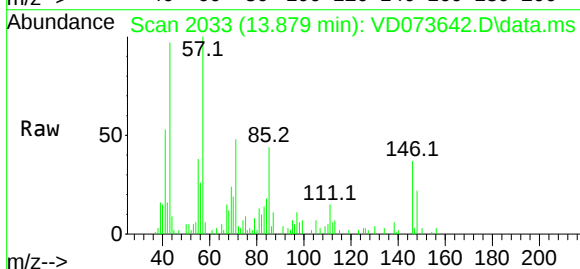
Tgt Ion:146 Resp: 6679

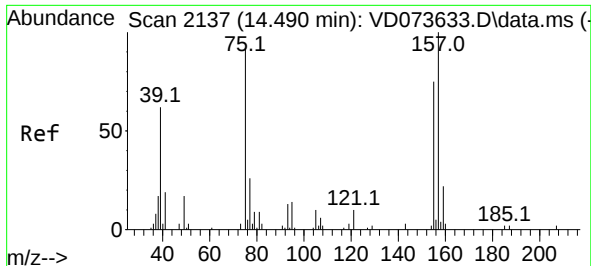
Ion Ratio Lower Upper

146 100

111 58.8 20.9 62.7

148 62.6 31.5 94.5

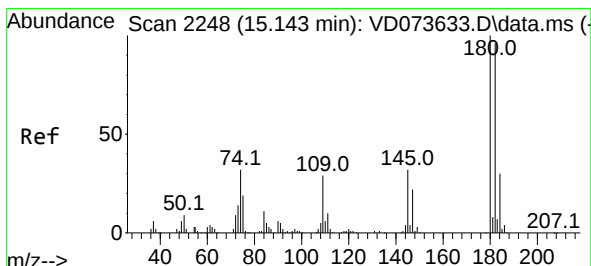
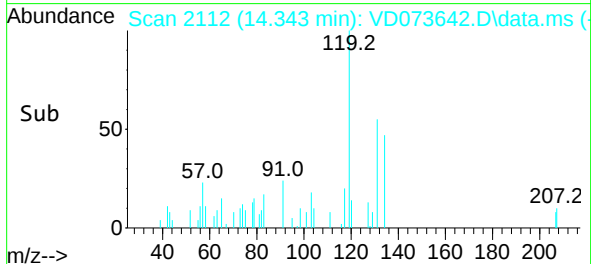
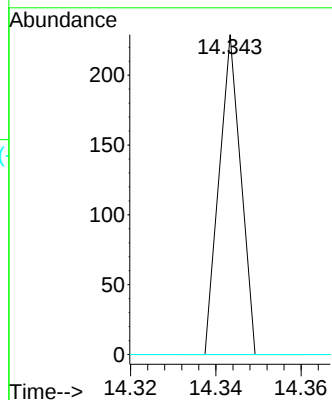
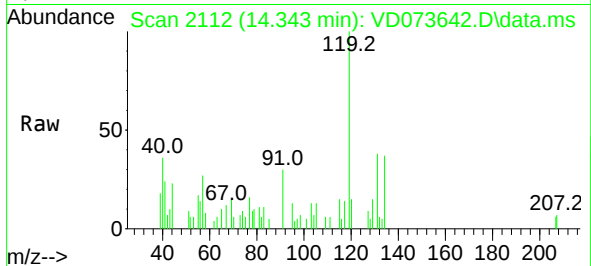




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.848 ug/l
 RT: 14.343 min Scan# 2137
 Delta R.T. -0.147 min
 Lab File: VD073642.D
 Acq: 21 Jun 2022 12:58

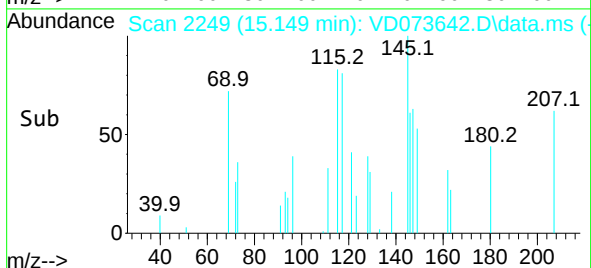
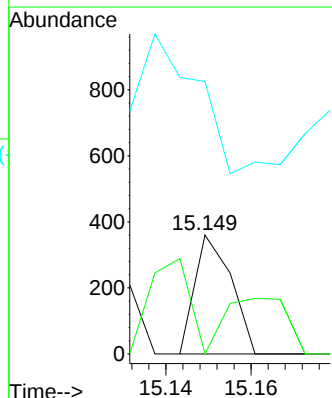
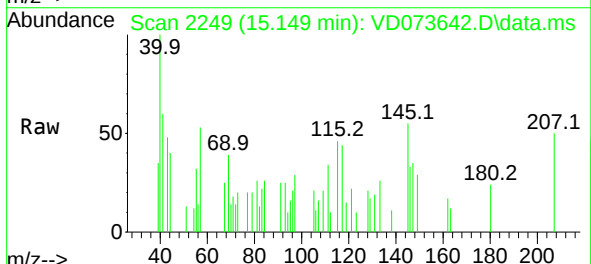
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-1A-12

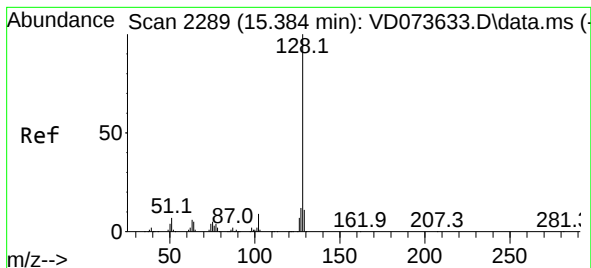
Tgt Ion: 75 Resp: 81
 Ion Ratio Lower Upper
 75 100
 155 0.0 41.6 124.8#
 157 0.0 51.7 155.2#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.183 ug/l
 RT: 15.149 min Scan# 2249
 Delta R.T. 0.006 min
 Lab File: VD073642.D
 Acq: 21 Jun 2022 12:58

Tgt Ion: 180 Resp: 214
 Ion Ratio Lower Upper
 180 100
 182 88.3 48.0 144.2
 145 212.6 16.1 48.3#





#95

Naphthalene

Concen: 170.761 ug/l

RT: 15.384 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD073642.D

Acq: 21 Jun 2022 12:58

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-12

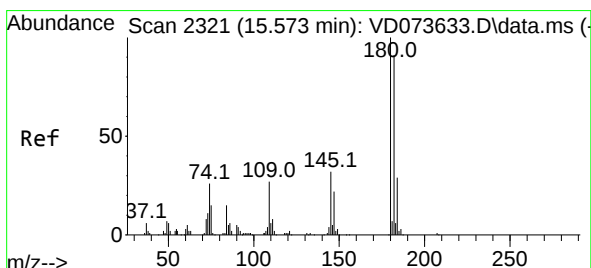
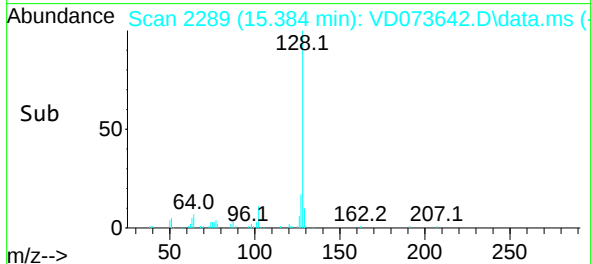
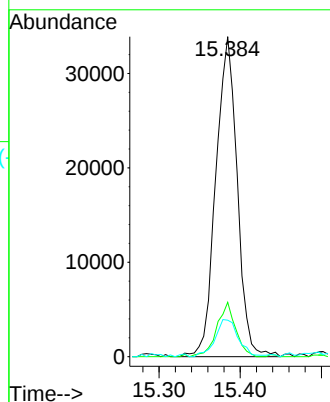
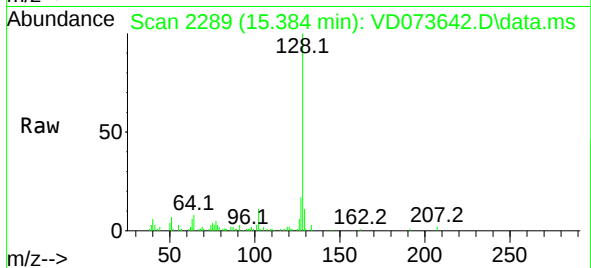
Tgt Ion:128 Resp: 62229

Ion Ratio Lower Upper

128 100

127 15.0 10.3 15.5

129 12.5 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 3.528 ug/l

RT: 15.579 min Scan# 2322

Delta R.T. 0.006 min

Lab File: VD073642.D

Acq: 21 Jun 2022 12:58

Tgt Ion:180 Resp: 555

Ion Ratio Lower Upper

180 100

182 133.9 46.1 138.3

145 0.0 16.8 50.3#

