

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD072993.D
 Acq On : 13 May 2022 16:55
 Operator : VA/SY
 Sample : N2685-06
 Misc : 4.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14B-5

Quant Time: May 16 05:15:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	258860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	499835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	403652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	167101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	162897	48.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.960%
35) Dibromofluoromethane	7.909	113	54278	15.462	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	30.920%#
50) Toluene-d8	10.332	98	658381	52.285	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.580%
62) 4-Bromofluorobenzene	12.614	95	315644	67.226	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	134.460%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	1227	Below Cal		90
13) Acrolein	4.097	56	73	Below Cal	#	14
15) Acrylonitrile	5.491	53	2817	3.537	ug/l #	42
16) Acetone	4.156	43	82194	123.641	ug/l	90
17) Carbon Disulfide	4.409	76	220760	22.493	ug/l	99
18) Methyl Acetate	4.950	43	30358	16.438	ug/l #	55
20) Methylene Chloride	4.962	84	20217	Below Cal	#	81
25) 2-Butanone	7.209	43	34452	35.189	ug/l	92
31) Cyclohexane	7.979	56	59429	10.117	ug/l #	80
37) Ethyl Acetate	7.209	43	34452	13.130	ug/l #	77
38) Carbon Tetrachloride	7.973	117	27738	4.681	ug/l #	17
39) Methylcyclohexane	9.350	83	586480	88.581	ug/l	94
43) Isopropyl Acetate	8.444	43	124885	25.786	ug/l #	54
45) 1,2-Dichloropropane	9.338	63	9259	2.139	ug/l #	1
47) Bromodichloromethane	9.620	83	34302	5.584	ug/l #	55
48) Methyl methacrylate	9.397	41	130875	55.237	ug/l #	49
51) 4-Methyl-2-Pentanone	10.220	43	11735	4.663	ug/l #	72
52) Toluene	10.397	92	20946	2.037	ug/l	95
55) 1,1,2-Trichloroethane	10.767	97	472947	146.507	ug/l #	21
56) Ethyl methacrylate	10.673	69	209948	55.237	ug/l #	28
59) 2-Hexanone	10.944	43	1133577	669.400	ug/l #	32
61) 1,2-Dibromoethane	11.238	107	3324	1.058	ug/l #	3
67) Ethyl Benzene	11.738	91	71514	4.426	ug/l	96
68) m/p-Xylenes	11.838	106	65385	10.505	ug/l	74
69) o-Xylene	12.167	106	41538	7.146	ug/l	69
73) Isopropylbenzene	12.467	105	746467	57.416	ug/l	100
74) N-amyl acetate	12.261	43	1760989	543.912	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.697	83	161427	61.510	ug/l #	25
76) 1,2,3-Trichloropropane	12.814	75	4471	2.400	ug/l #	100
77) Bromobenzene	12.702	156	4299	1.393	ug/l #	1
78) n-propylbenzene	12.808	91	459555	28.046	ug/l	99
79) 2-Chlorotoluene	12.867	91	43990	4.596	ug/l #	62
80) 1,3,5-Trimethylbenzene	12.949	105	131650	11.942	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.467	75	9323	11.506	ug/l #	9
82) 4-Chlorotoluene	12.944	91	42108	4.210	ug/l #	54
83) tert-Butylbenzene	13.208	119	161197	17.199	ug/l	92

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

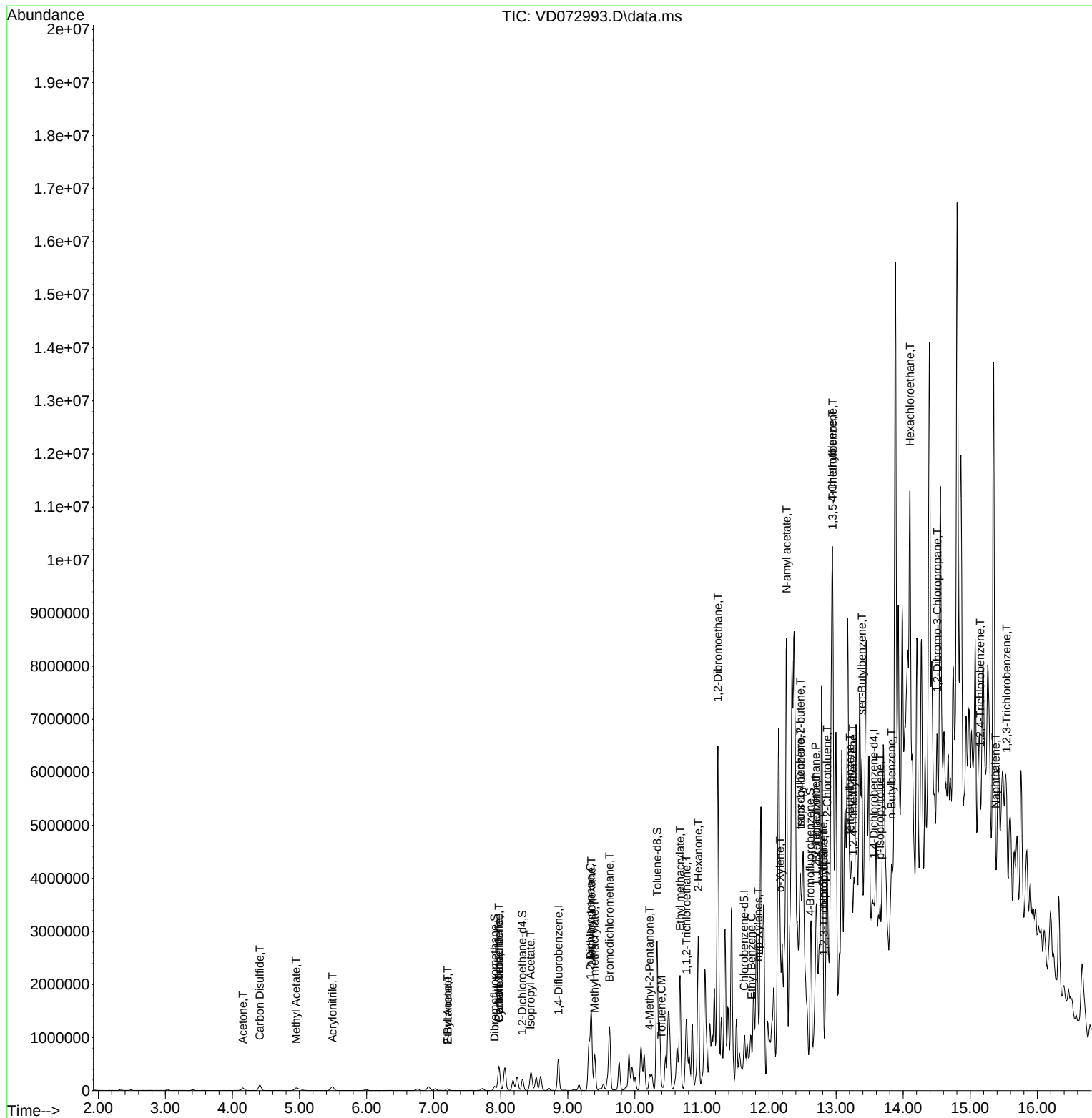
84) 1,2,4-Trimethylbenzene	13.255	105	293909	26.673	ug/l	99
85) sec-Butylbenzene	13.385	105	923726	65.348	ug/l #	73
86) p-Isopropyltoluene	13.655	119	297723	25.689	ug/l	91
89) n-Butylbenzene	13.826	91	344906	30.721	ug/l #	91
90) Hexachloroethane	14.102	117	253830	106.910	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.508	75	5731	13.776	ug/l #	27
93) 1,2,4-Trichlorobenzene	15.149	180	11315	3.525	ug/l #	1
95) Naphthalene	15.379	128	78442	13.291	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.543	180	39402	13.847	ug/l #	1

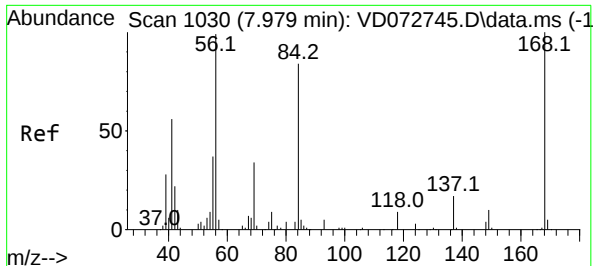
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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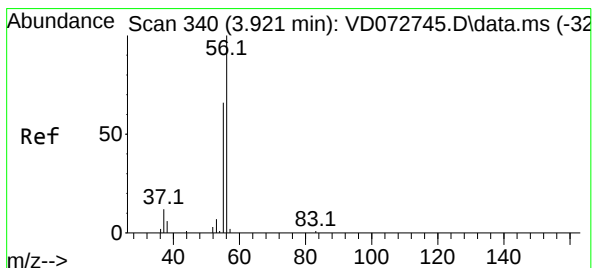
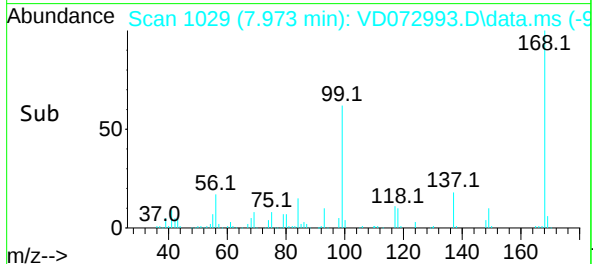
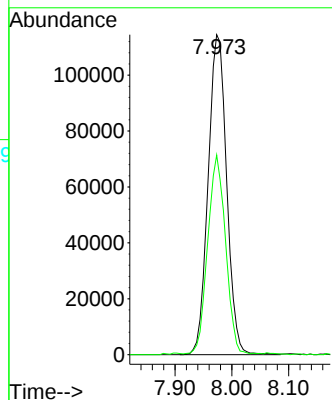
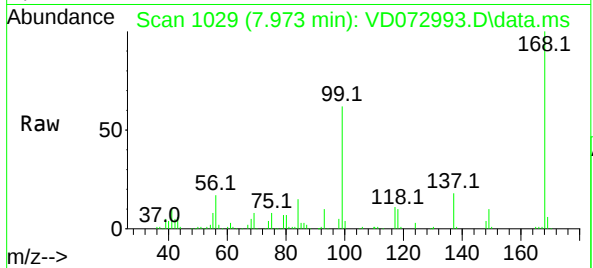




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

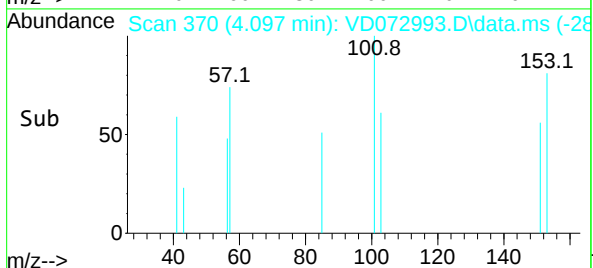
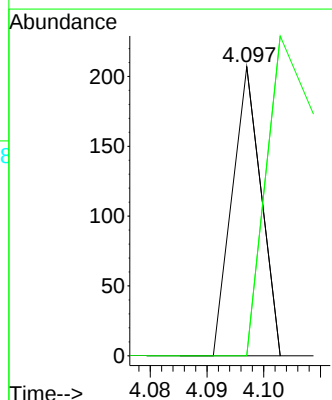
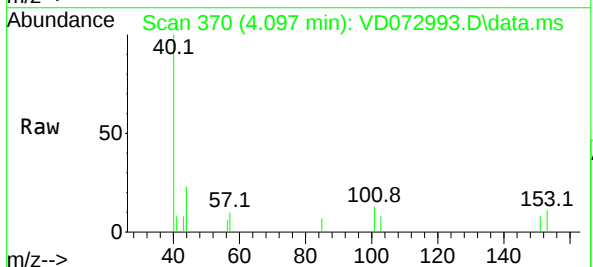
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-5

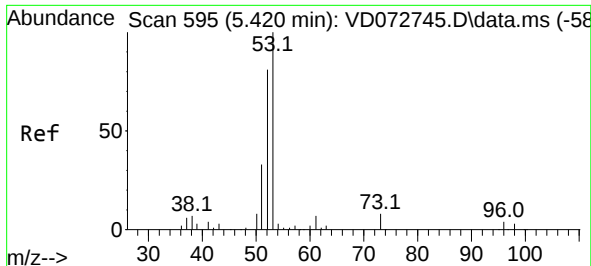
Tgt Ion:168 Resp: 258860
Ion Ratio Lower Upper
168 100
99 62.2 49.8 74.6



#13
Acrolein
Concen: Below Cal
RT: 4.097 min Scan# 370
Delta R.T. 0.176 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

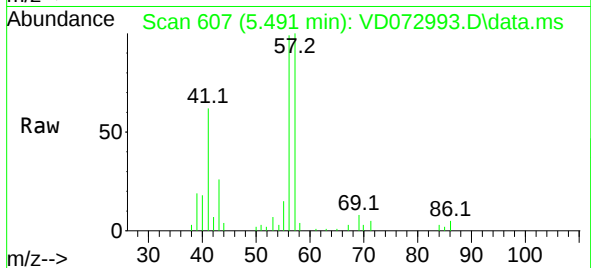
Tgt Ion: 56 Resp: 73
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



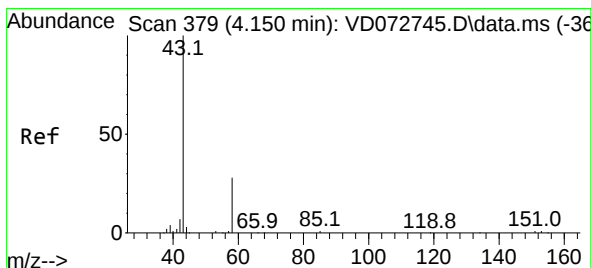
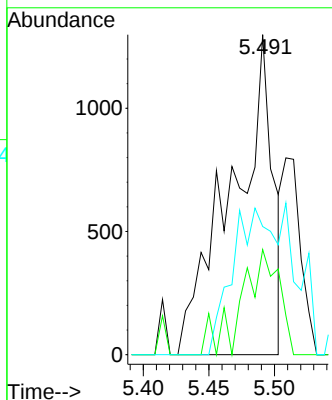
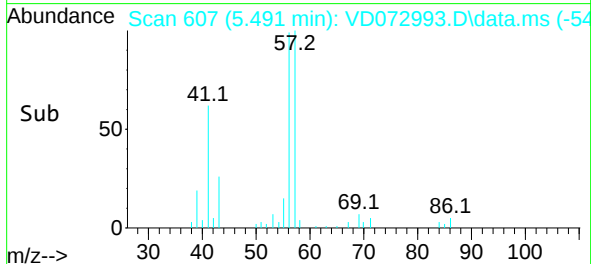


#15
Acrylonitrile
Concen: 3.537 ug/l
RT: 5.491 min Scan# 60
Delta R.T. 0.071 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

Instrument :
MSVOA_D
ClientSampleId :
WC-14B-5

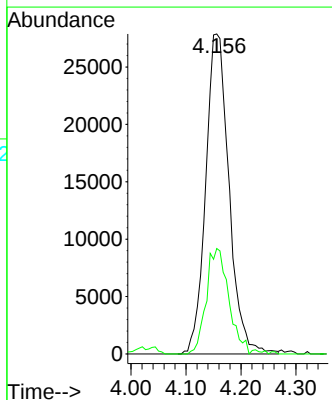
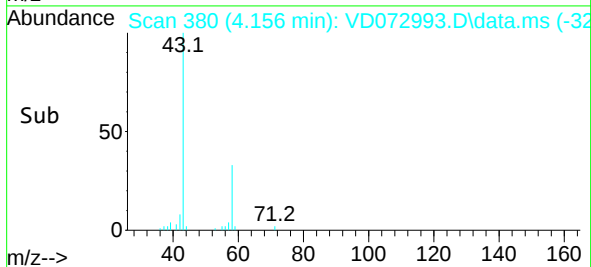
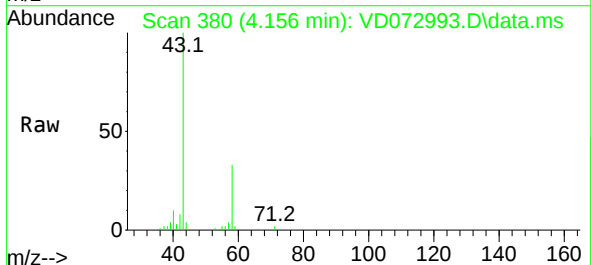


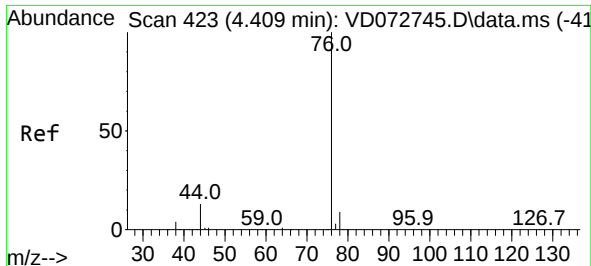
Tgt Ion: 53 Resp: 2817
Ion Ratio Lower Upper
53 100
52 28.2 67.2 100.8#
51 67.5 30.3 45.5#



#16
Acetone
Concen: 123.641 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

Tgt Ion: 43 Resp: 82194
Ion Ratio Lower Upper
43 100
58 32.9 22.1 33.1

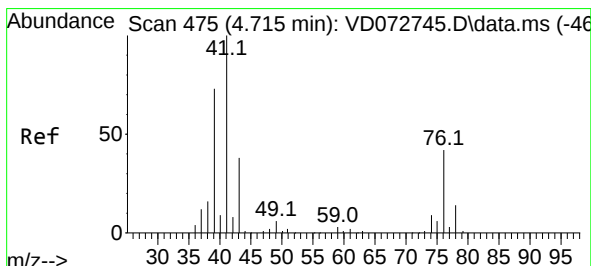
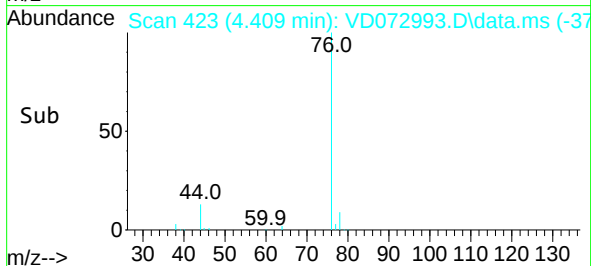
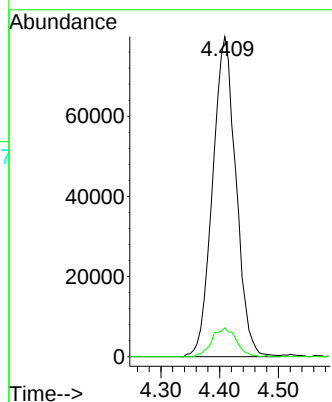
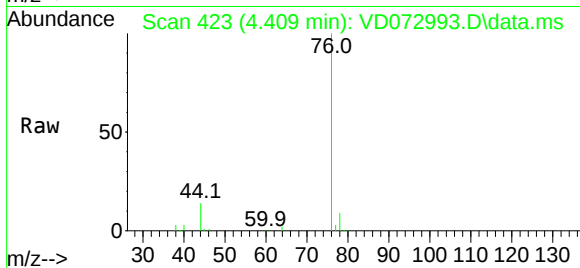




#17
Carbon Disulfide
Concen: 22.493 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

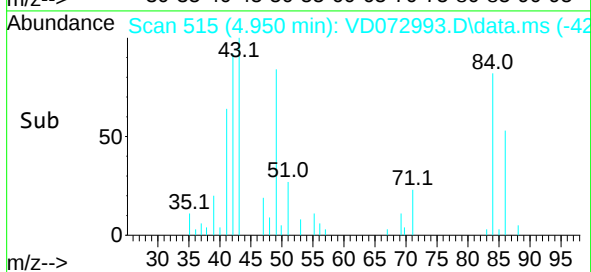
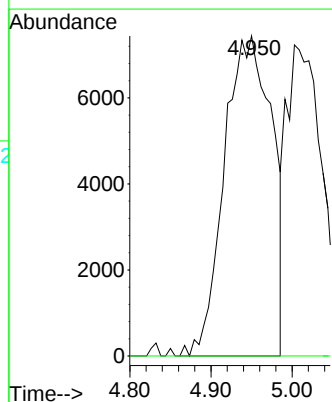
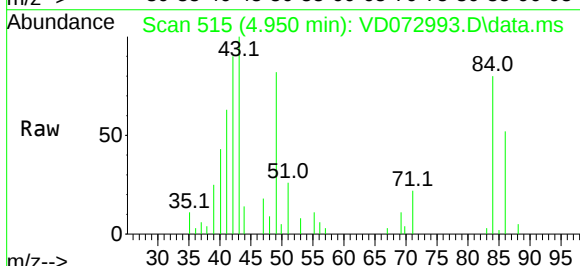
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-5

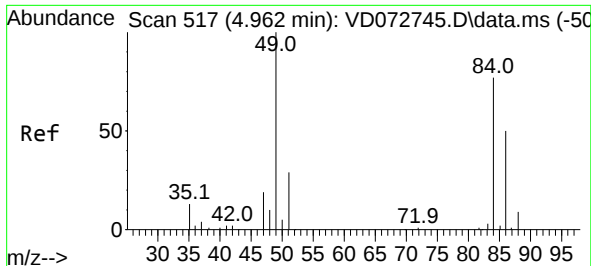
Tgt Ion: 76 Resp: 220760
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 16.438 ug/l
RT: 4.950 min Scan# 515
Delta R.T. 0.235 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

Tgt Ion: 43 Resp: 30358
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



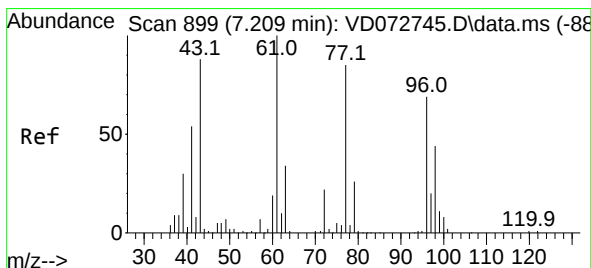
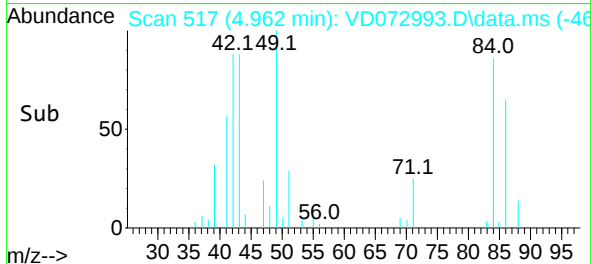
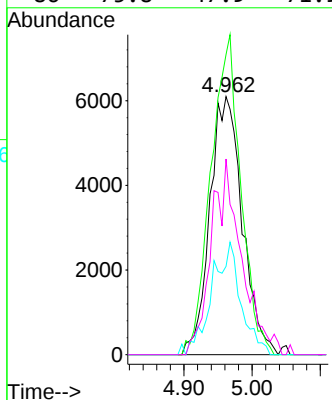
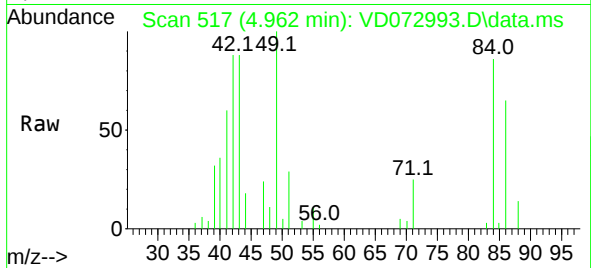


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

Instrument :
MSVOA_D
ClientSampleId :
WC-14B-5

Tgt Ion: 84 Resp: 20217

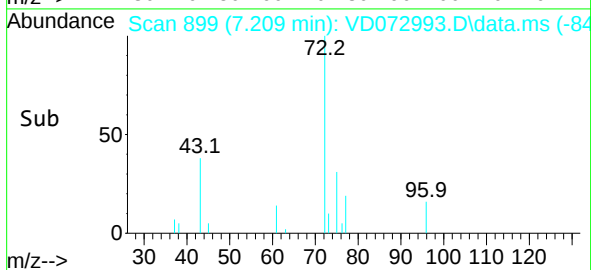
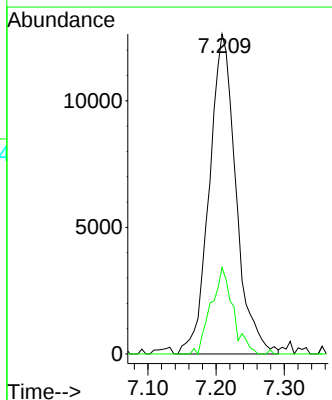
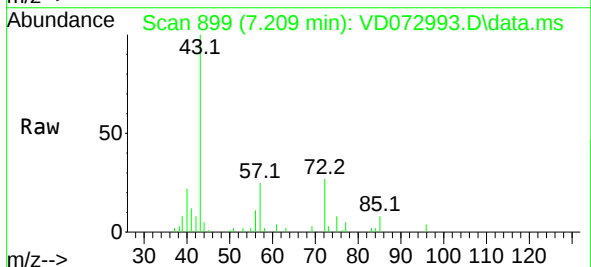
Ion	Ratio	Lower	Upper
84	100		
49	116.3	112.8	169.2
51	34.2	32.6	48.8
86	75.8	47.9	71.9

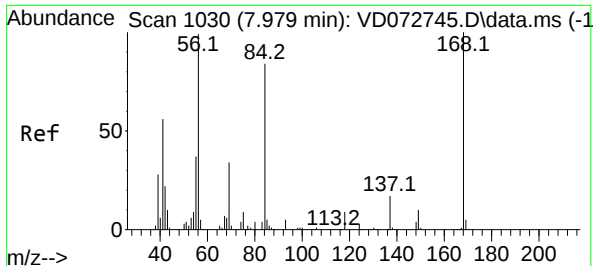


#25
2-Butanone
Concen: 35.189 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

Tgt Ion: 43 Resp: 34452

Ion	Ratio	Lower	Upper
43	100		
72	27.0	18.6	27.8

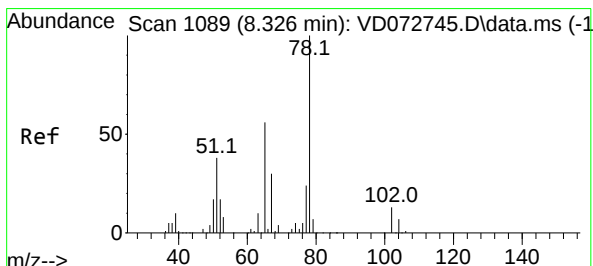
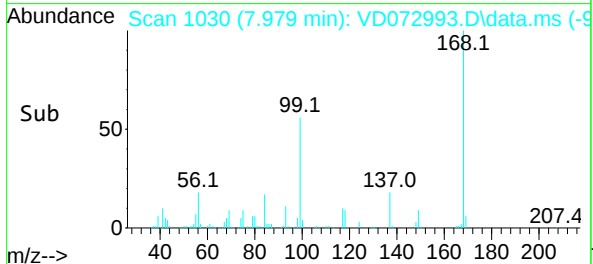
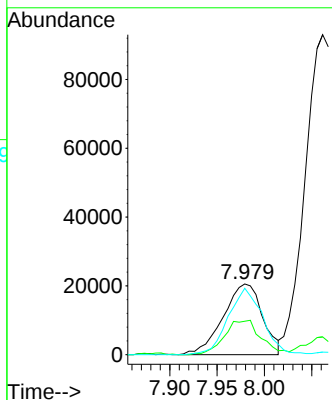
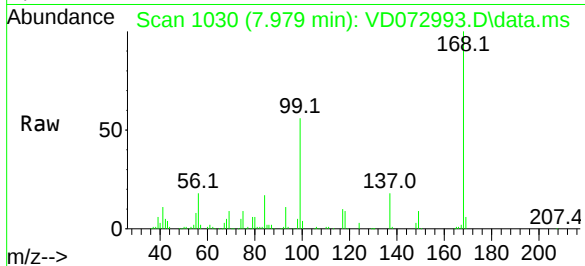




#31
Cyclohexane
Concen: 10.117 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

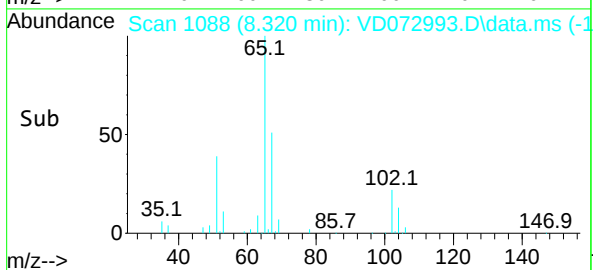
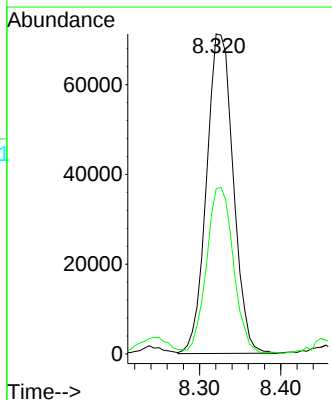
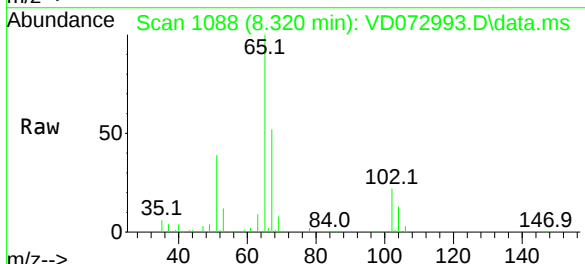
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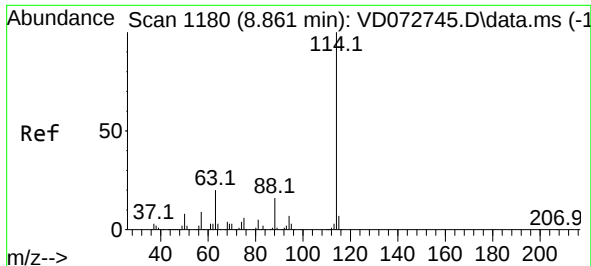
Tgt Ion: 56 Resp: 59429
Ion Ratio Lower Upper
56 100
69 47.3 25.4 38.2#
84 93.9 63.0 94.4



#33
1,2-Dichloroethane-d4
Concen: 48.478 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

Tgt Ion: 65 Resp: 162897
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072993.D

Acq: 13 May 2022 16:55

Instrument :

MSVOA_D

ClientSampleId :

WC-14B-5

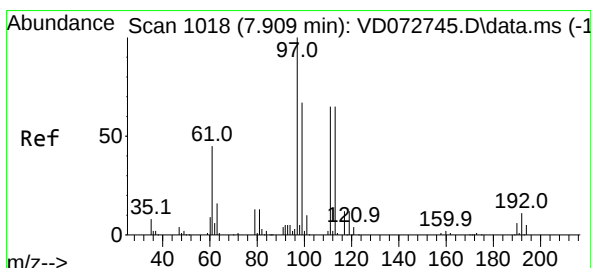
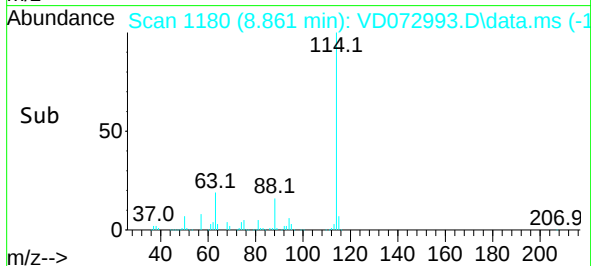
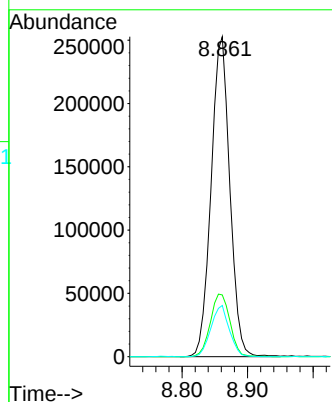
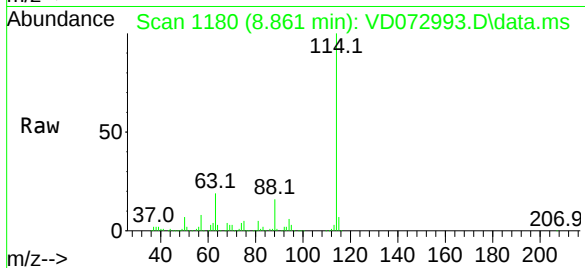
Tgt Ion:114 Resp: 499835

Ion Ratio Lower Upper

114 100

63 19.3 0.0 46.6

88 16.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 15.462 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072993.D

Acq: 13 May 2022 16:55

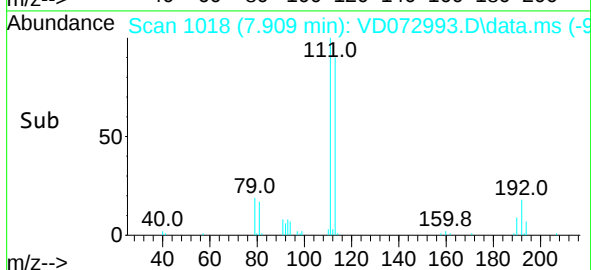
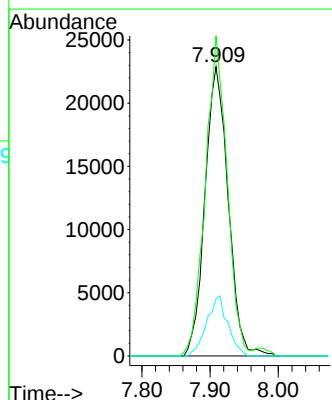
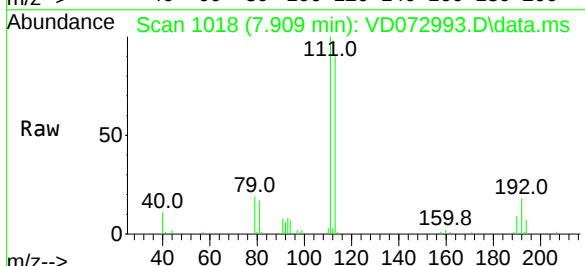
Tgt Ion:113 Resp: 54278

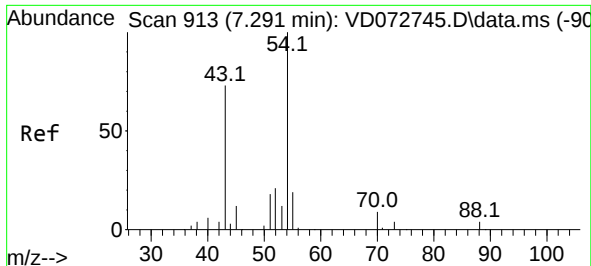
Ion Ratio Lower Upper

113 100

111 103.7 83.8 125.6

192 18.9 14.6 21.8

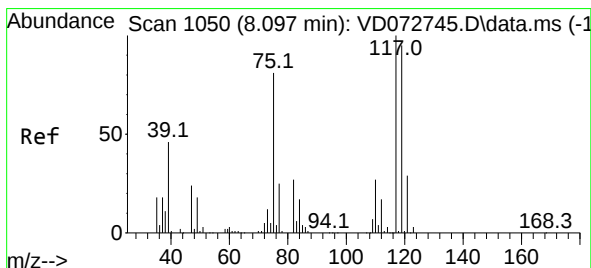
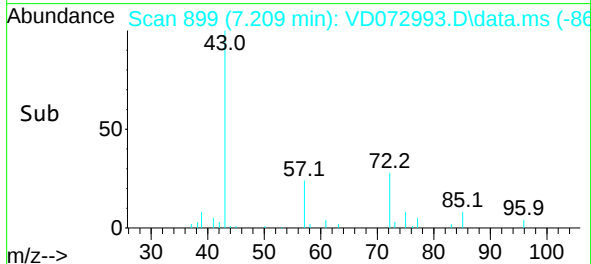
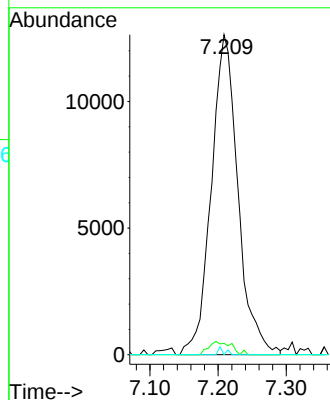
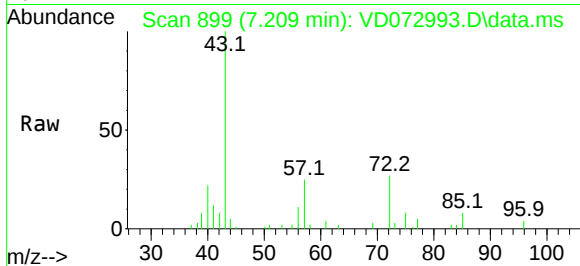




#37
Ethyl Acetate
Concen: 13.130 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.082 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

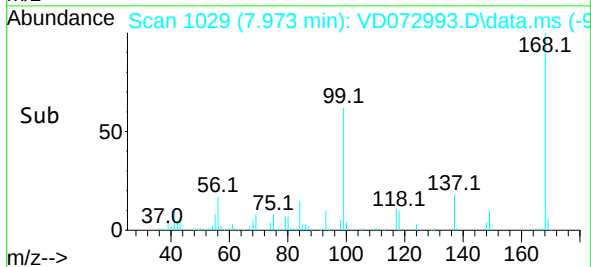
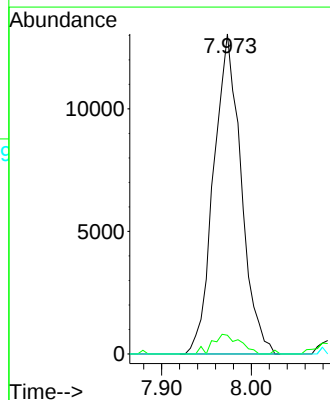
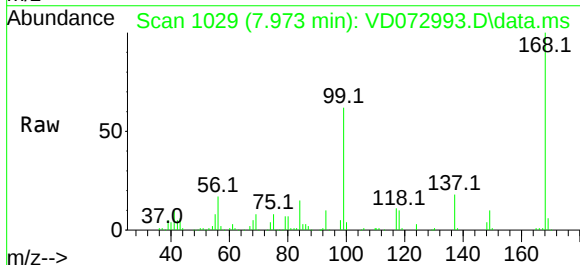
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-5

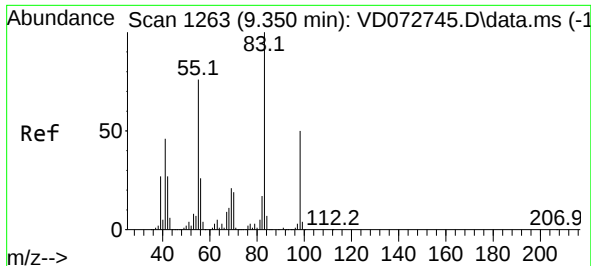
Tgt Ion: 43 Resp: 34452
Ion Ratio Lower Upper
43 100
61 3.5 9.8 14.8#
70 0.5 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 4.681 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

Tgt Ion: 117 Resp: 27738
Ion Ratio Lower Upper
117 100
119 5.9 75.8 113.6#
121 0.0 24.5 36.7#

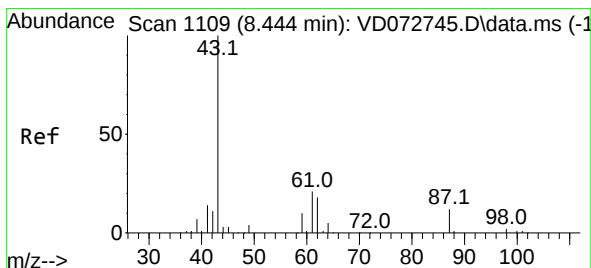
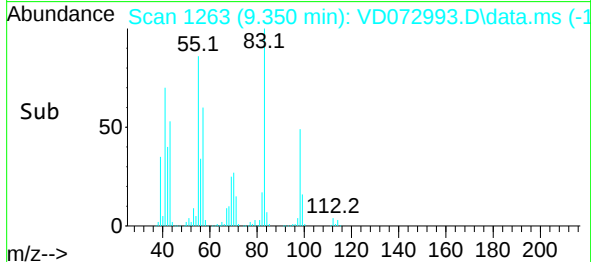
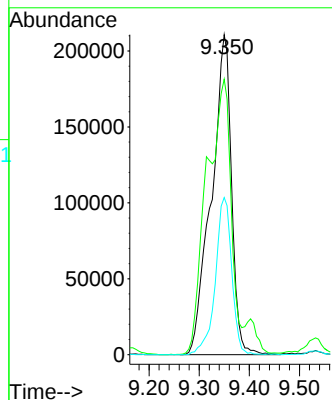
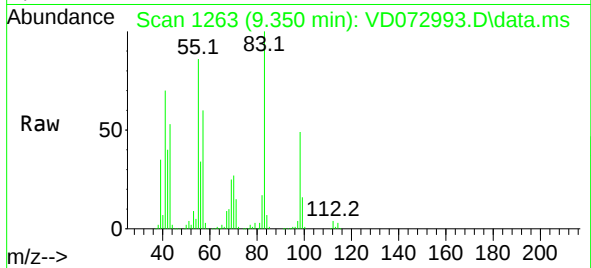




#39
Methylcyclohexane
Concen: 88.581 ug/l
RT: 9.350 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

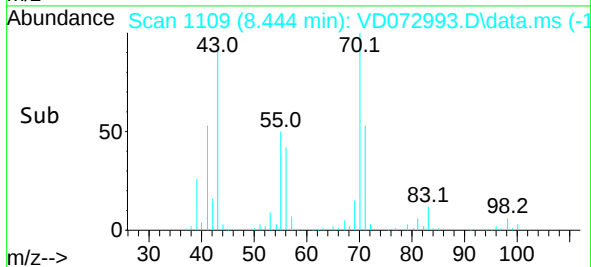
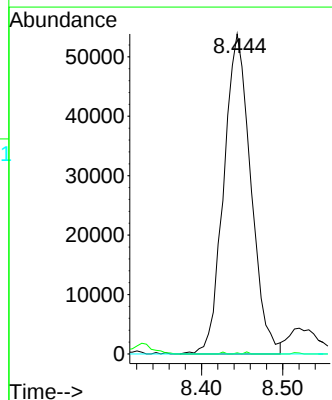
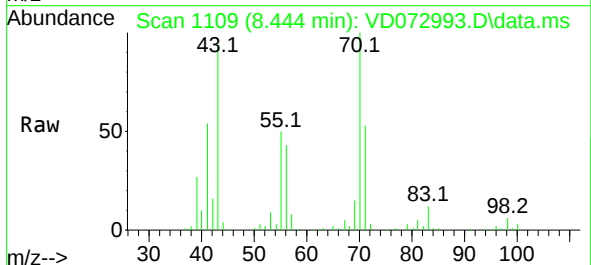
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-5

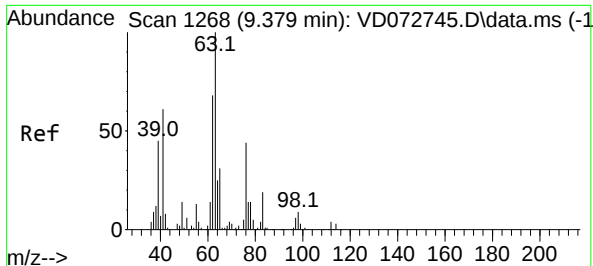
Tgt Ion: 83 Resp: 586480
Ion Ratio Lower Upper
83 100
55 86.0 63.2 94.8
98 49.1 38.2 57.4



#43
Isopropyl Acetate
Concen: 25.786 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

Tgt Ion: 43 Resp: 124885
Ion Ratio Lower Upper
43 100
61 0.2 22.4 33.6#
87 0.0 8.7 13.1#





#45

1,2-Dichloropropane

Concen: 2.139 ug/l

RT: 9.338 min Scan# 11

Delta R.T. -0.041 min

Lab File: VD072993.D

Acq: 13 May 2022 16:55

Instrument :

MSVOA_D

ClientSampleId :

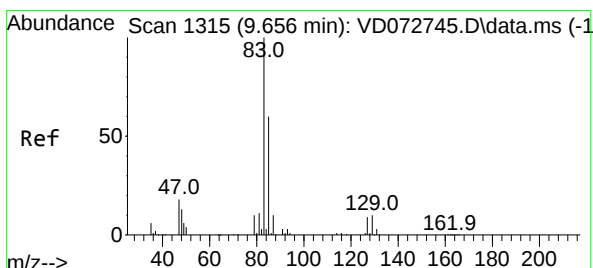
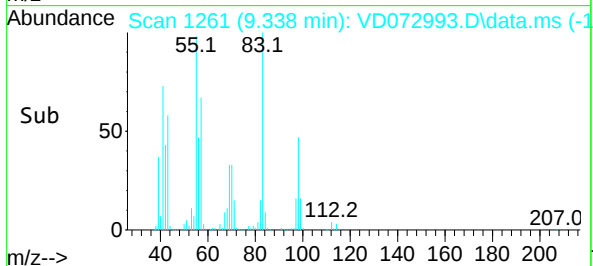
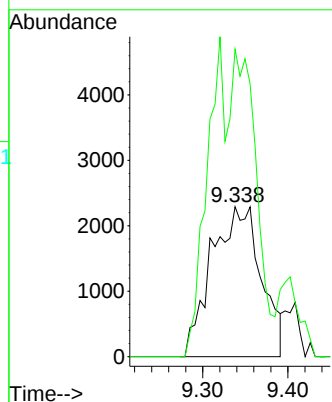
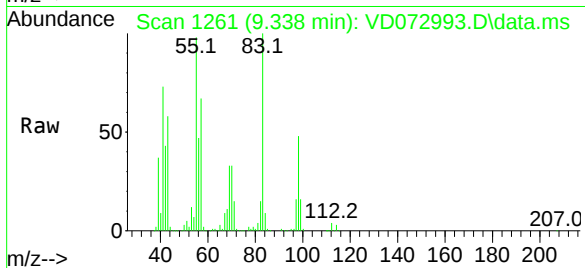
WC-14B-5

Tgt Ion: 63 Resp: 9259

Ion Ratio Lower Upper

63 100

65 205.0 26.2 39.4#



#47

Bromodichloromethane

Concen: 5.584 ug/l

RT: 9.620 min Scan# 1309

Delta R.T. -0.036 min

Lab File: VD072993.D

Acq: 13 May 2022 16:55

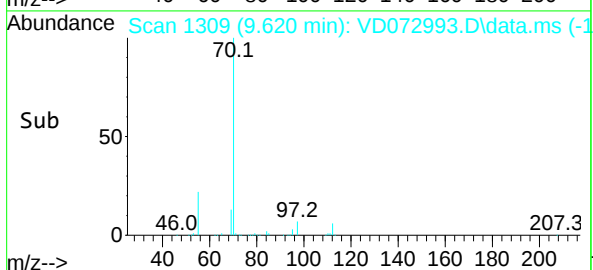
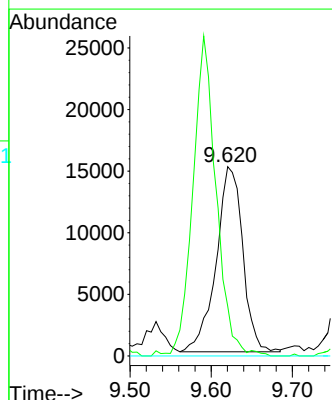
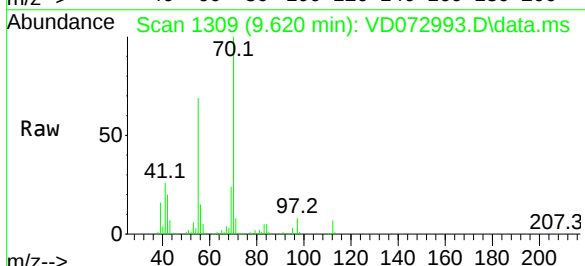
Tgt Ion: 83 Resp: 34302

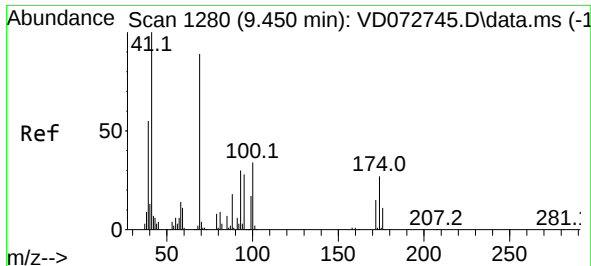
Ion Ratio Lower Upper

83 100

85 26.9 51.4 77.0#

127 0.0 6.1 9.1#





#48

Methyl methacrylate

Concen: 55.237 ug/l

RT: 9.397 min Scan# 1

Delta R.T. -0.053 min

Lab File: VD072993.D

Acq: 13 May 2022 16:55

Instrument :

MSVOA_D

ClientSampleId :

WC-14B-5

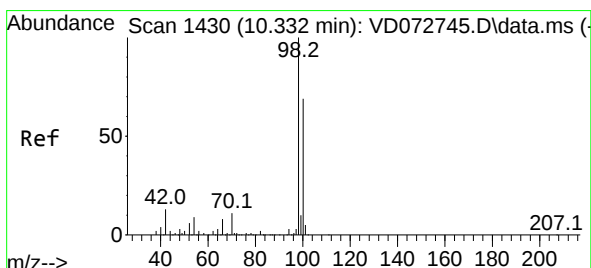
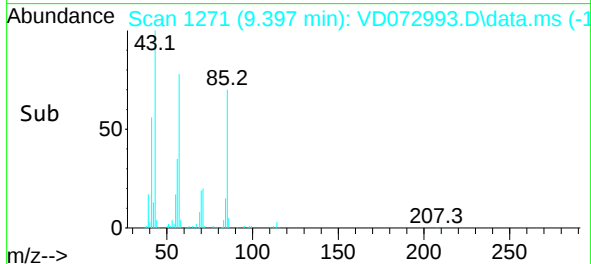
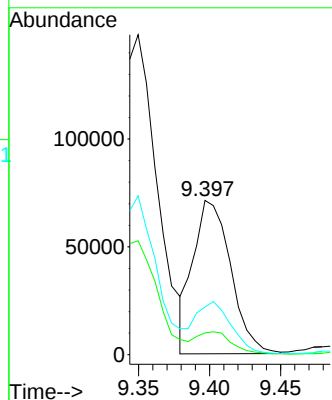
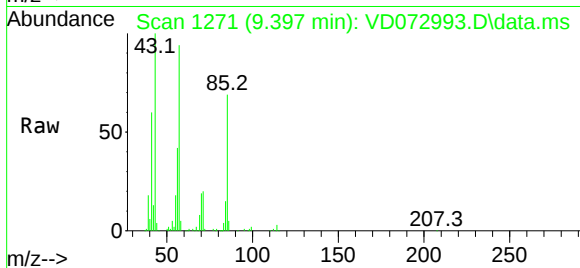
Tgt Ion: 41 Resp: 130875

Ion Ratio Lower Upper

41 100

69 13.8 56.7 85.1#

39 33.9 42.7 64.1#



#50

Toluene-d8

Concen: 52.285 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072993.D

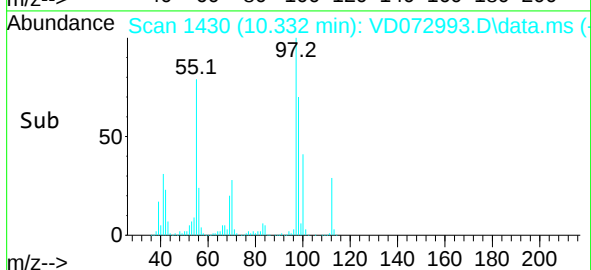
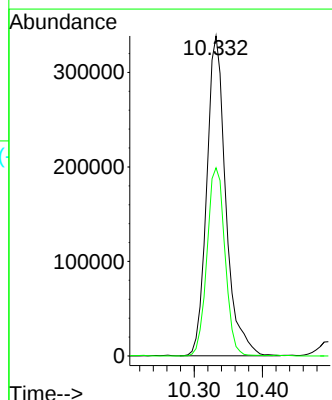
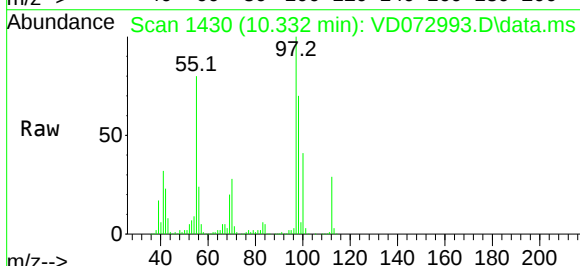
Acq: 13 May 2022 16:55

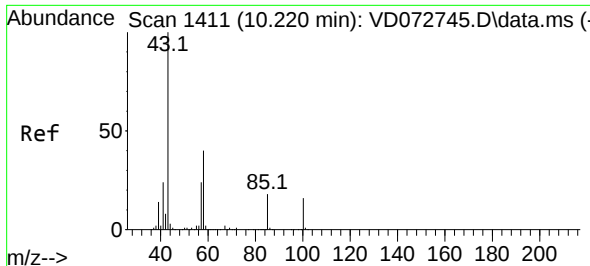
Tgt Ion: 98 Resp: 658381

Ion Ratio Lower Upper

98 100

100 55.4 52.4 78.6

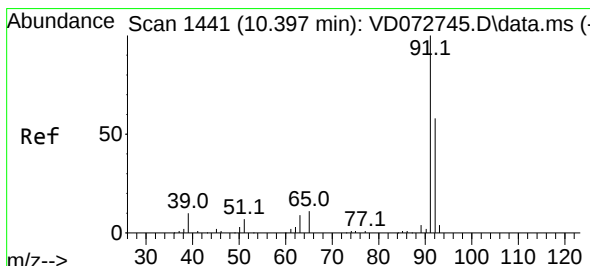
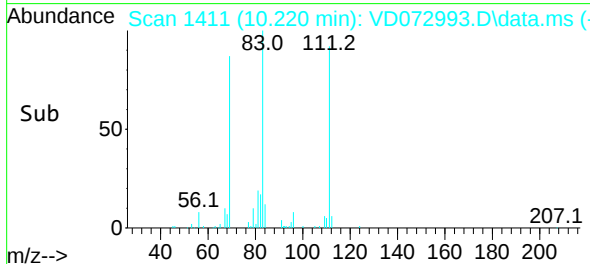
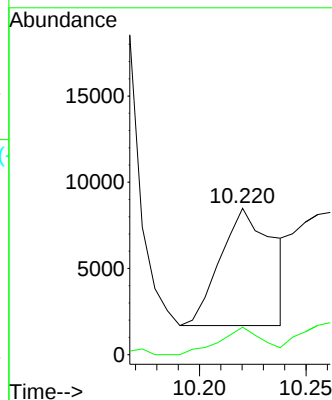
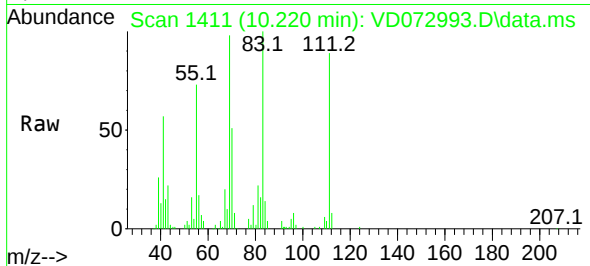




#51
4-Methyl-2-Pentanone
Concen: 4.663 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

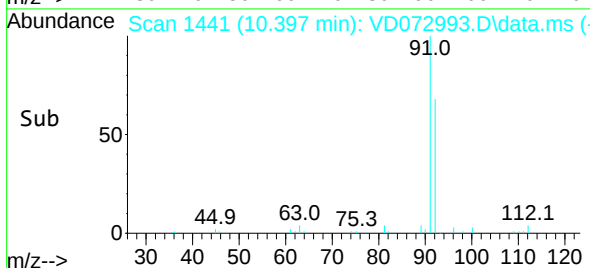
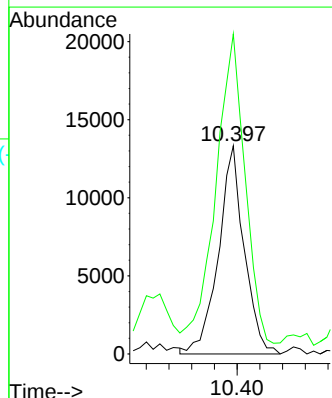
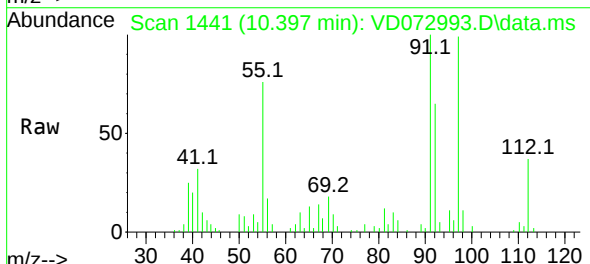
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-5

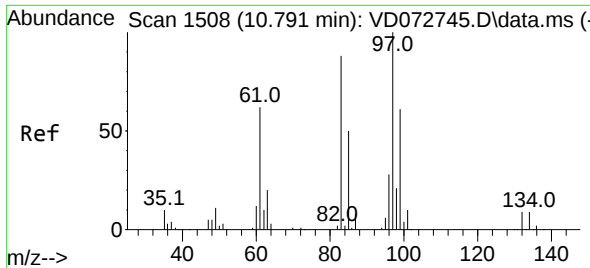
Tgt Ion: 43 Resp: 11735
Ion Ratio Lower Upper
43 100
58 19.2 28.6 43.0#



#52
Toluene
Concen: 2.037 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

Tgt Ion: 92 Resp: 20946
Ion Ratio Lower Upper
92 100
91 167.1 139.6 209.4

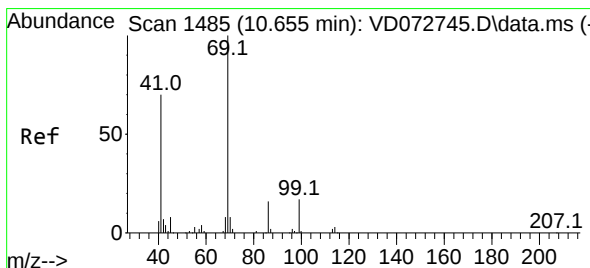
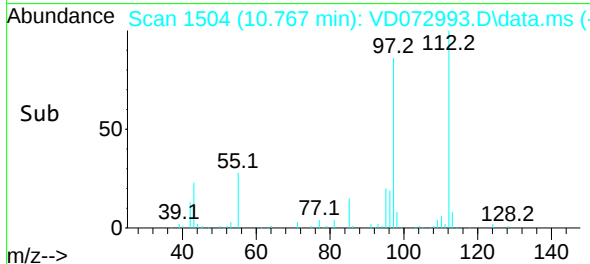
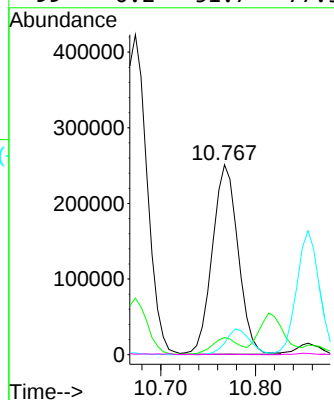
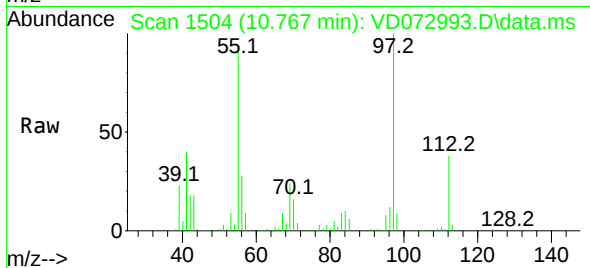




#55
1,1,2-Trichloroethane
Concen: 146.507 ug/l
RT: 10.767 min Scan# 1508
Delta R.T. -0.024 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

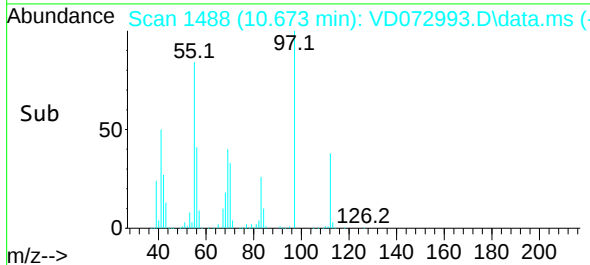
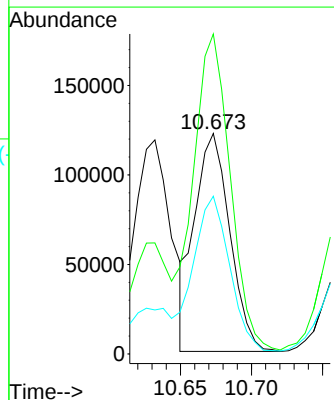
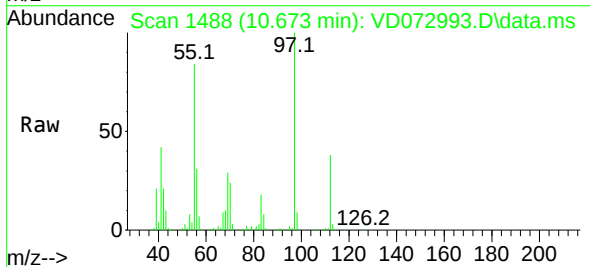
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-5

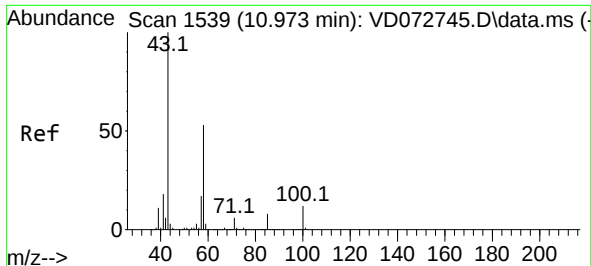
Tgt Ion:	97	Resp:	472947
Ion	Ratio	Lower	Upper
97	100		
83	8.8	69.0	103.4#
85	6.1	42.6	63.8#
99	0.2	51.7	77.5#



#56
Ethyl methacrylate
Concen: 55.237 ug/l
RT: 10.673 min Scan# 1488
Delta R.T. 0.018 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

Tgt Ion:	69	Resp:	209948
Ion	Ratio	Lower	Upper
69	100		
41	152.6	63.0	94.6#
39	73.3	33.8	50.8#

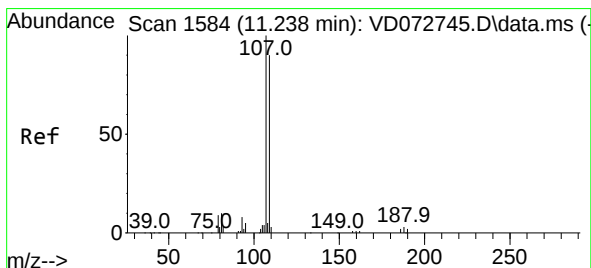
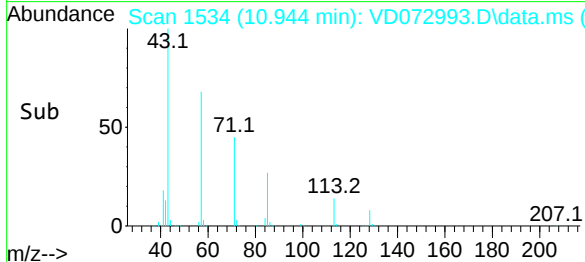
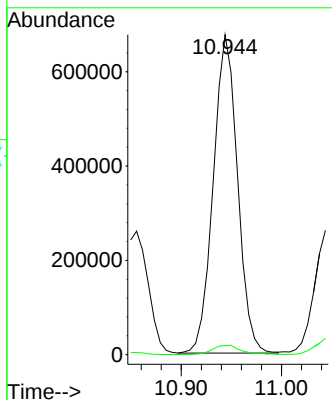
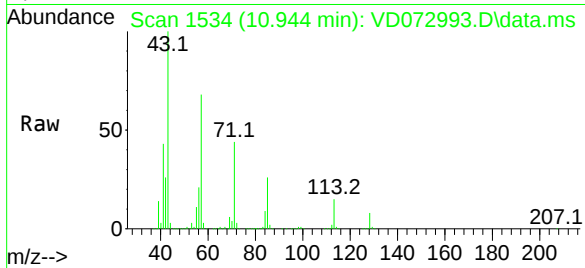




#59
2-Hexanone
Concen: 669.400 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.029 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

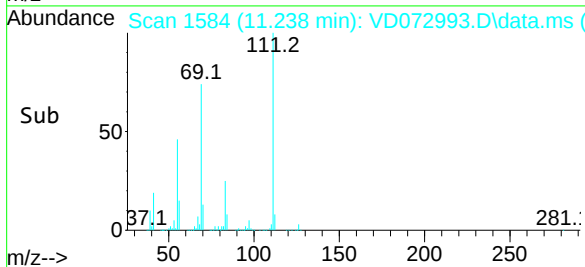
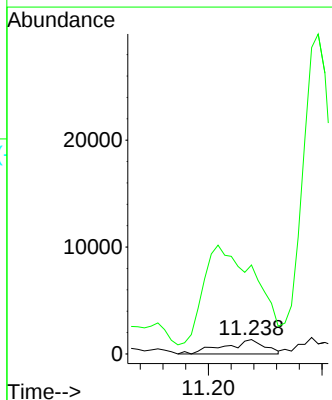
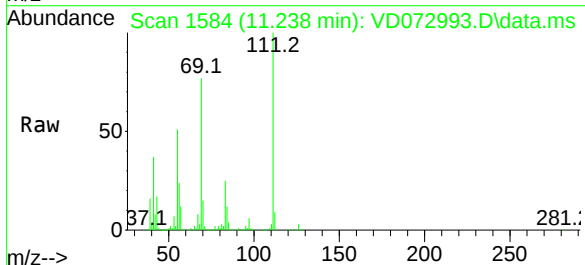
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-5

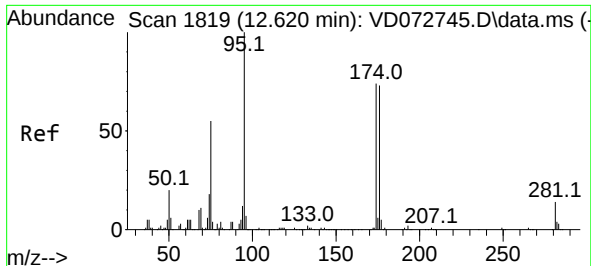
Tgt Ion: 43 Resp: 1133577
Ion Ratio Lower Upper
43 100
58 3.5 25.3 75.9#



#61
1,2-Dibromoethane
Concen: 1.058 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

Tgt Ion: 107 Resp: 3324
Ion Ratio Lower Upper
107 100
109 0.0 74.2 111.4#

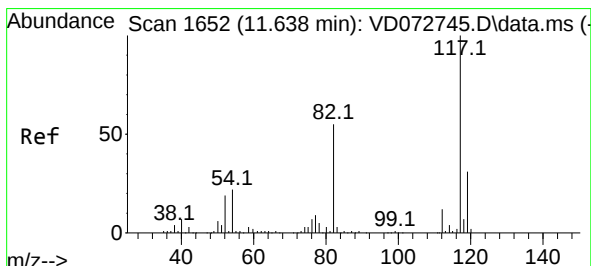
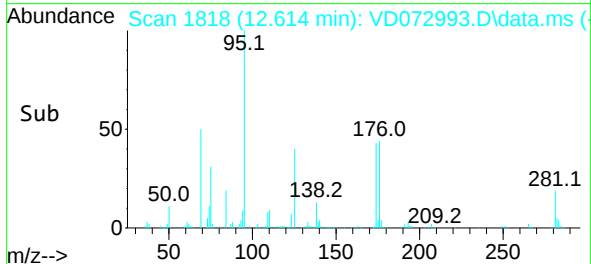
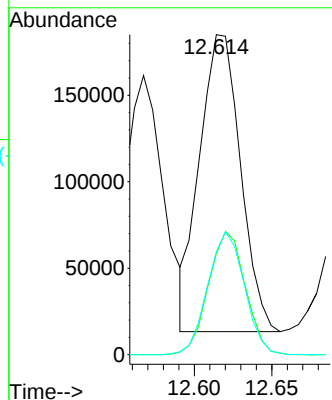
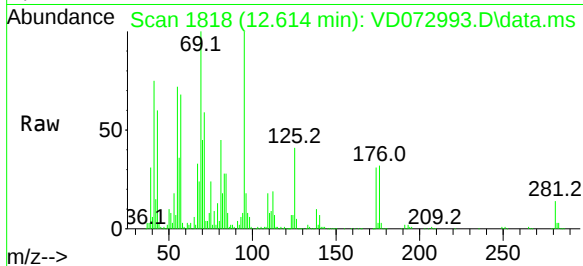




#62
4-Bromofluorobenzene
Concen: 67.226 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

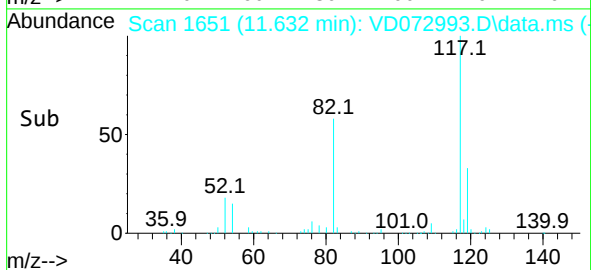
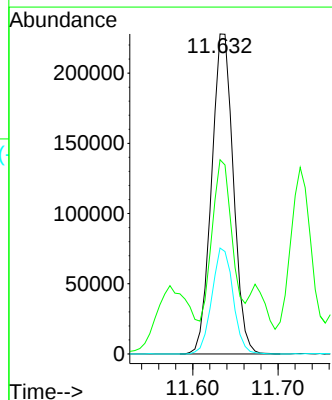
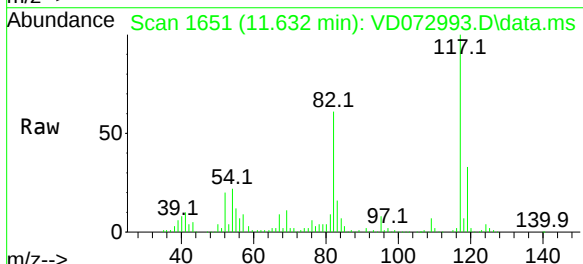
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-5

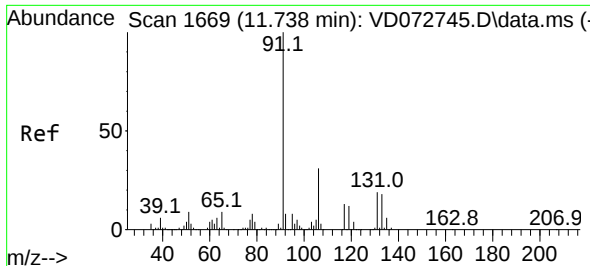
Tgt Ion: 95 Resp: 315644
Ion Ratio Lower Upper
95 100
174 37.3 0.0 152.8
176 36.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

Tgt Ion: 117 Resp: 403652
Ion Ratio Lower Upper
117 100
82 50.7 45.3 67.9
119 33.1 26.6 40.0

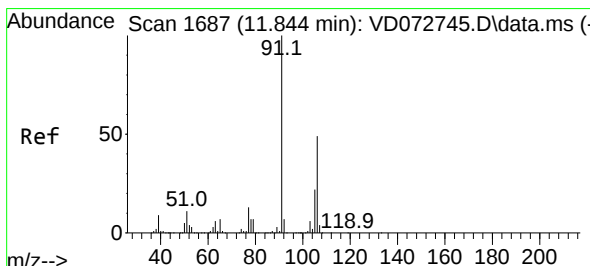
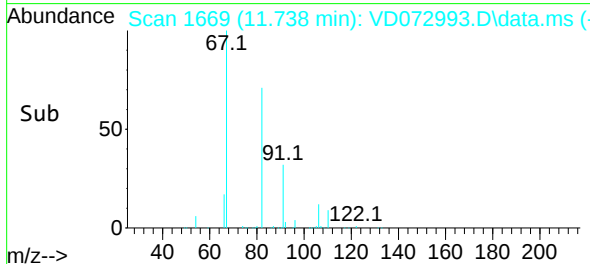
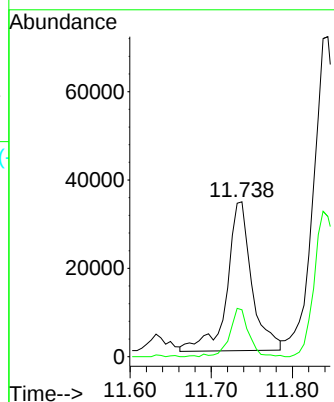
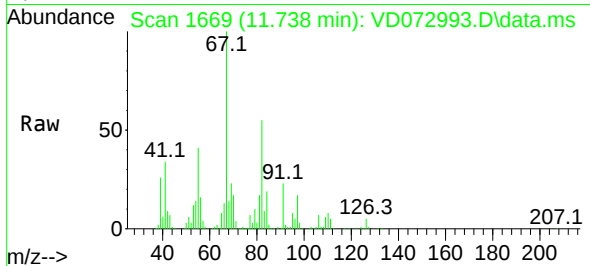




#67
Ethyl Benzene
Concen: 4.426 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

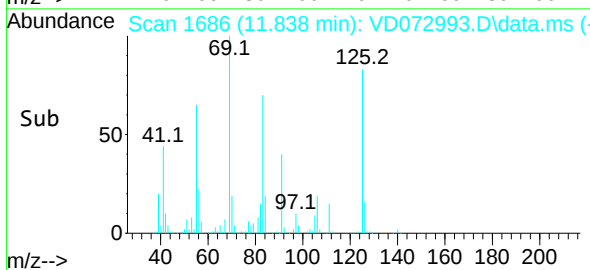
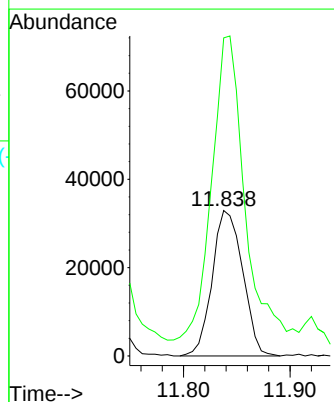
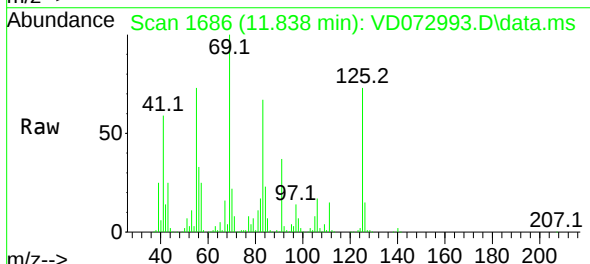
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-5

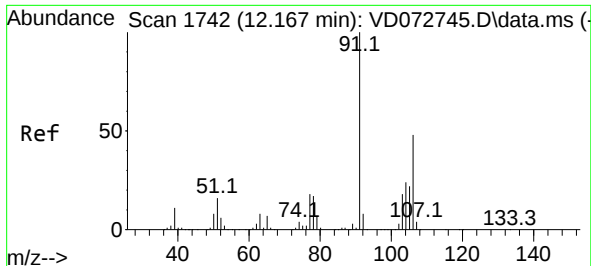
Tgt Ion: 91 Resp: 71514
Ion Ratio Lower Upper
91 100
106 32.4 24.2 36.4



#68
m/p-Xylenes
Concen: 10.505 ug/l
RT: 11.838 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

Tgt Ion: 106 Resp: 65385
Ion Ratio Lower Upper
106 100
91 244.8 163.7 245.5

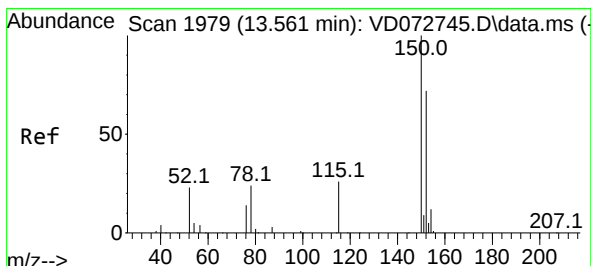
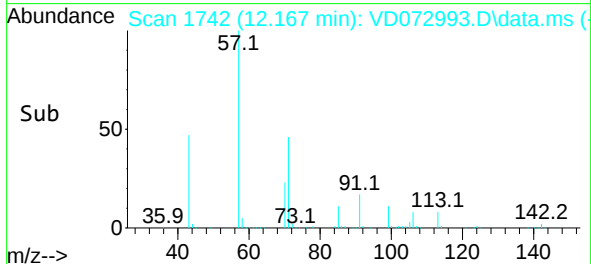
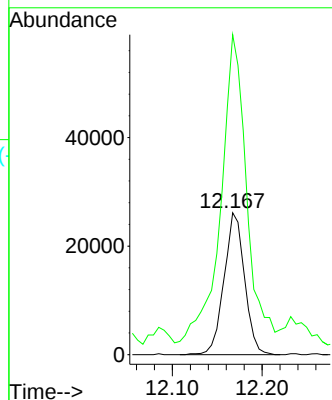
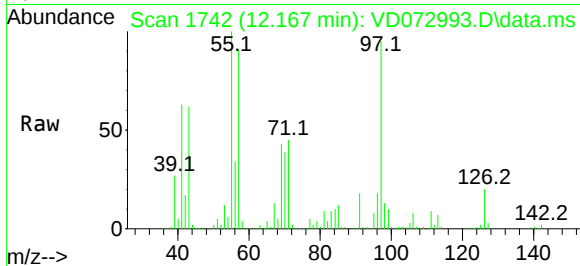




#69
o-Xylene
Concen: 7.146 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

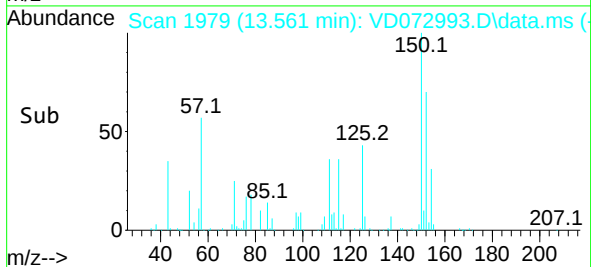
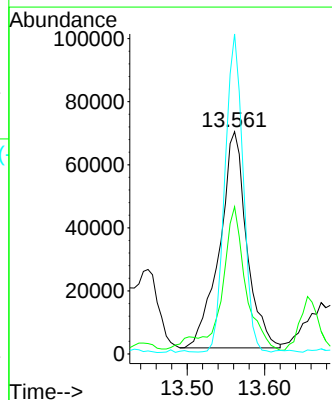
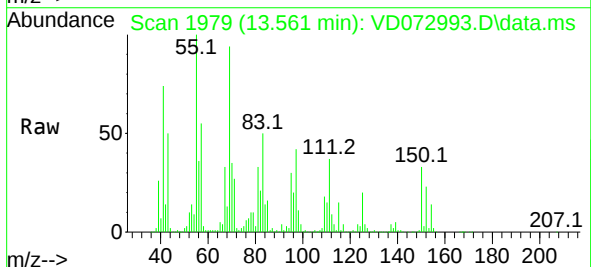
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-5

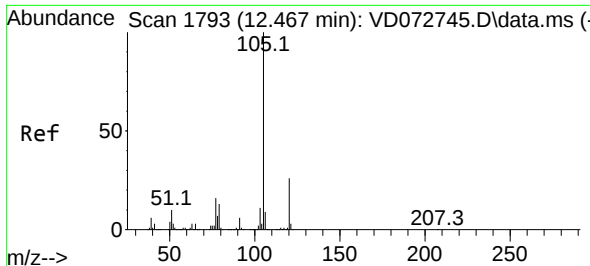
Tgt Ion:106 Resp: 41538
Ion Ratio Lower Upper
106 100
91 270.3 110.4 331.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

Tgt Ion:152 Resp: 167101
Ion Ratio Lower Upper
152 100
115 52.9 31.3 93.8
150 98.4 0.0 348.6

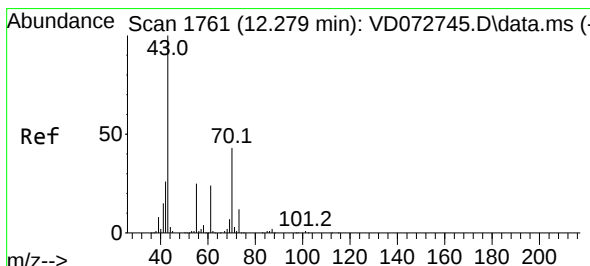
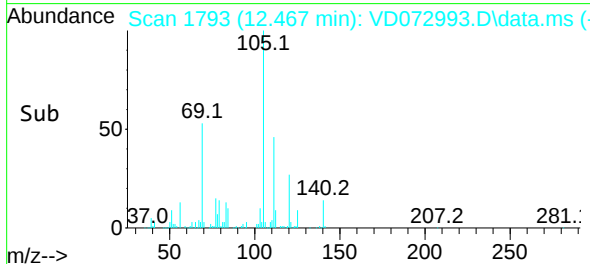
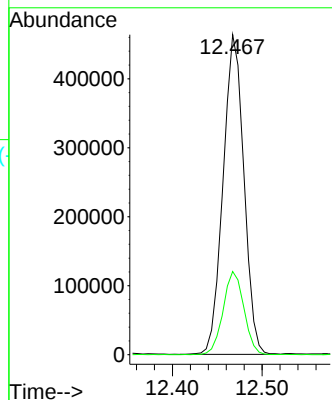
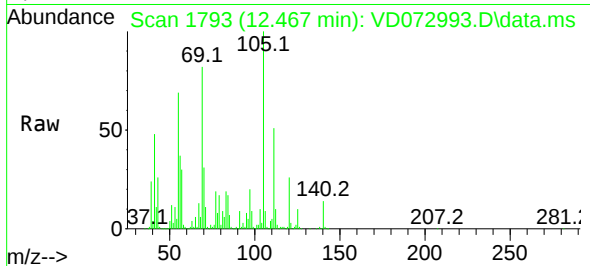




#73
Isopropylbenzene
Concen: 57.416 ug/l
RT: 12.467 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

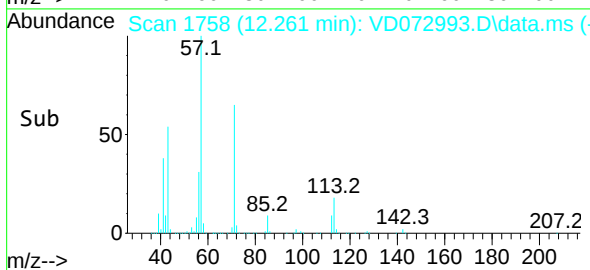
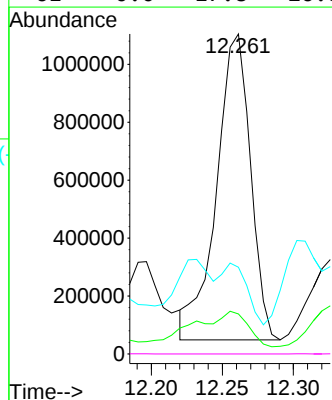
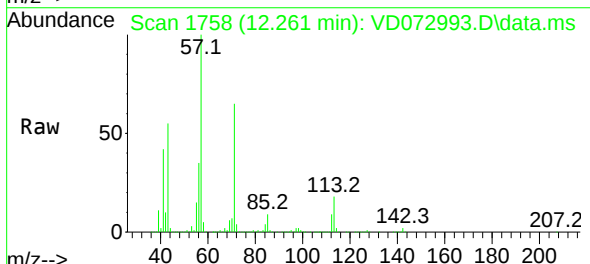
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-5

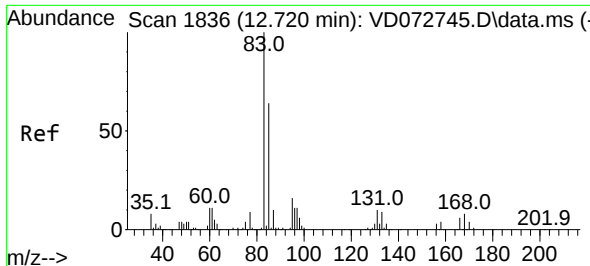
Tgt Ion:105 Resp: 746467
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9



#74
N-ethyl acetate
Concen: 543.912 ug/l
RT: 12.261 min Scan# 1758
Delta R.T. -0.018 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

Tgt Ion: 43 Resp: 1760989
Ion Ratio Lower Upper
43 100
70 18.8 31.3 46.9#
55 0.0 20.0 30.0#
61 0.0 17.8 26.8#

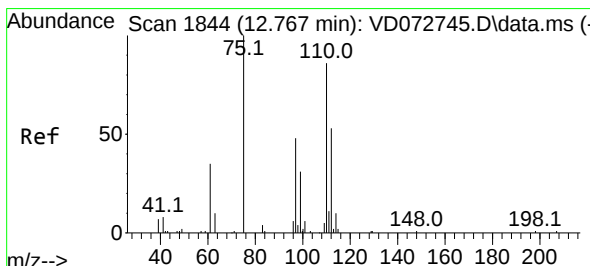
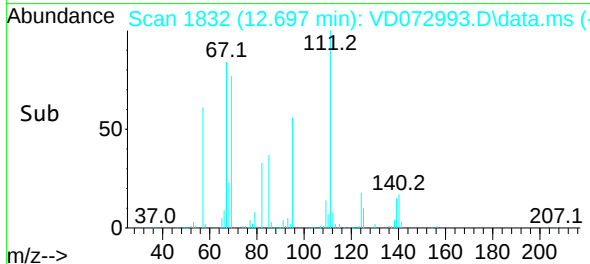
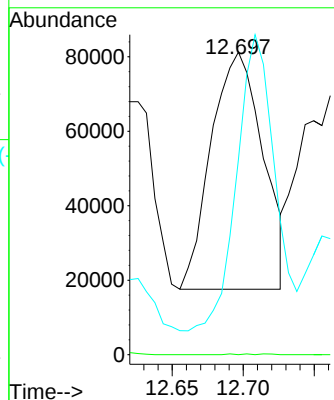
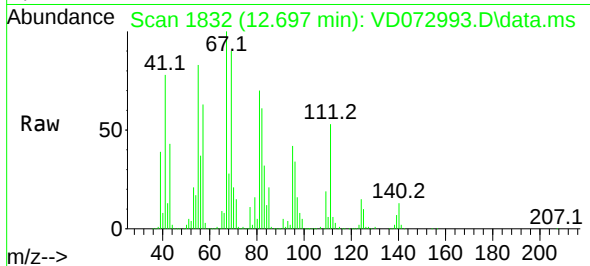




#75
 1,1,2,2-Tetrachloroethane
 Concen: 61.510 ug/l
 RT: 12.697 min Scan# 1832
 Delta R.T. -0.023 min
 Lab File: VD072993.D
 Acq: 13 May 2022 16:55

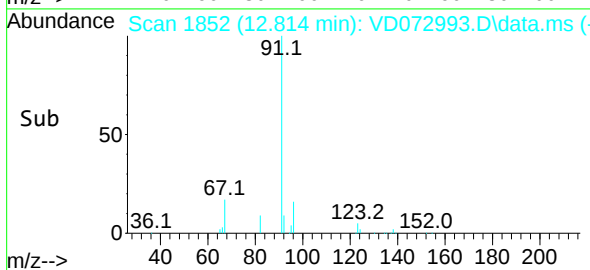
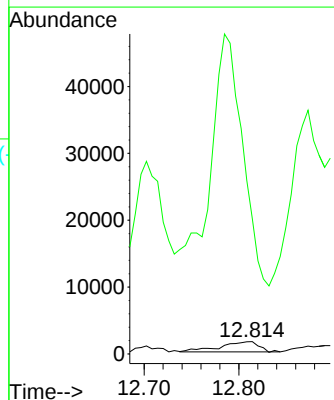
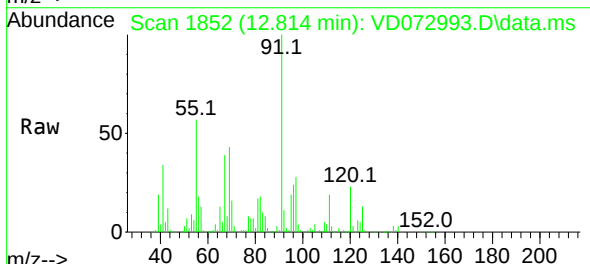
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14B-5

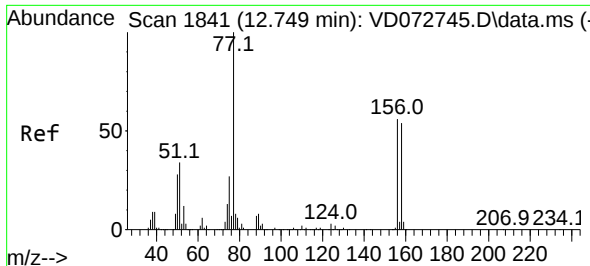
Tgt Ion: 83 Resp: 161427
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.0 14.9#
 85 0.0 32.6 98.0#



#76
 1,2,3-Trichloropropane
 Concen: 2.400 ug/l
 RT: 12.814 min Scan# 1852
 Delta R.T. 0.047 min
 Lab File: VD072993.D
 Acq: 13 May 2022 16:55

Tgt Ion: 75 Resp: 4471
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

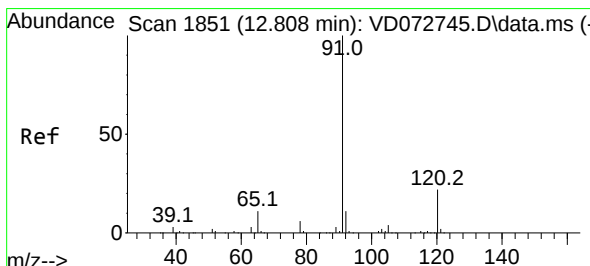
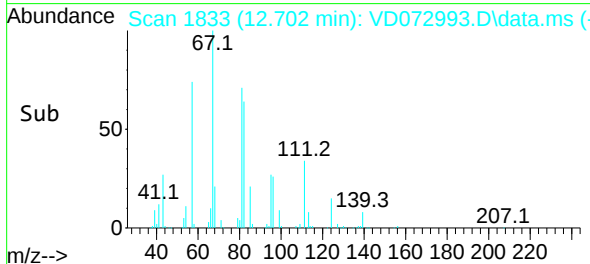
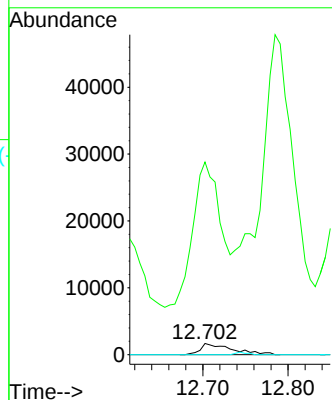
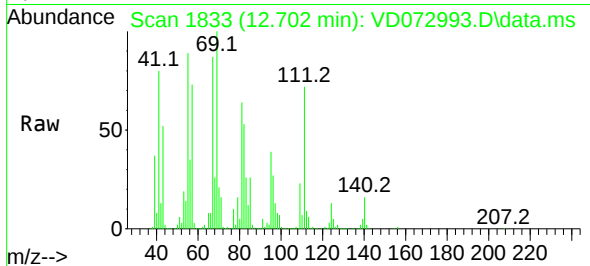




#77
Bromobenzene
Concen: 1.393 ug/l
RT: 12.702 min Scan# 1833
Delta R.T. -0.047 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

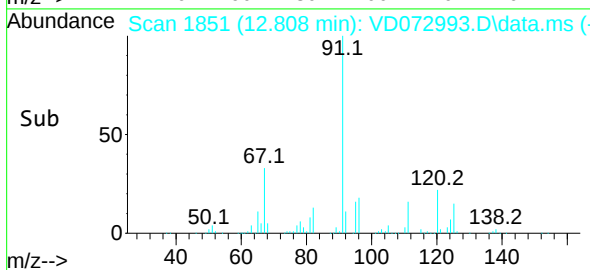
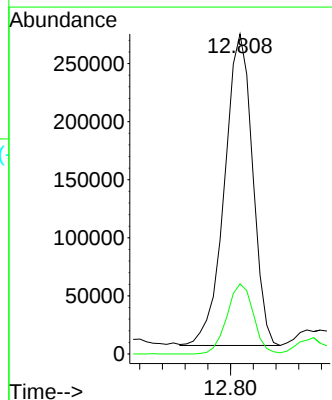
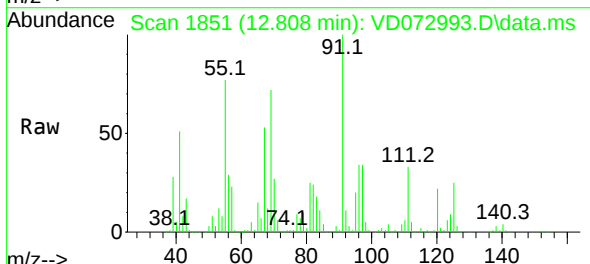
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-5

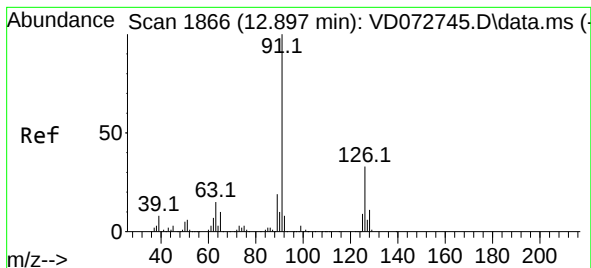
Tgt Ion:156 Resp: 4299
Ion Ratio Lower Upper
156 100
77 1155.3 102.8 308.3#
158 0.0 48.7 146.1#



#78
n-propylbenzene
Concen: 28.046 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

Tgt Ion: 91 Resp: 459555
Ion Ratio Lower Upper
91 100
120 21.2 10.9 32.9





#79

2-Chlorotoluene

Concen: 4.596 ug/l

RT: 12.867 min Scan# 1861

Delta R.T. -0.030 min

Lab File: VD072993.D

Acq: 13 May 2022 16:55

Instrument :

MSVOA_D

ClientSampleId :

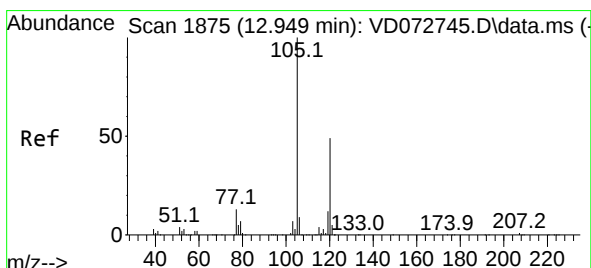
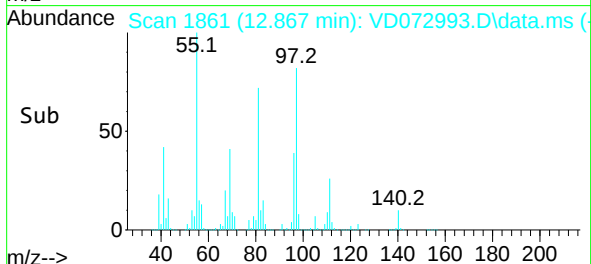
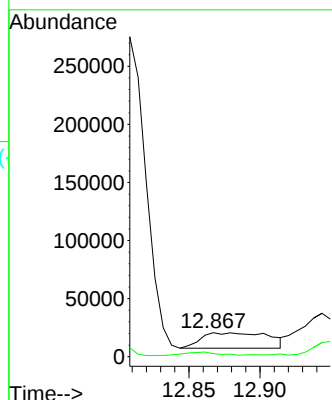
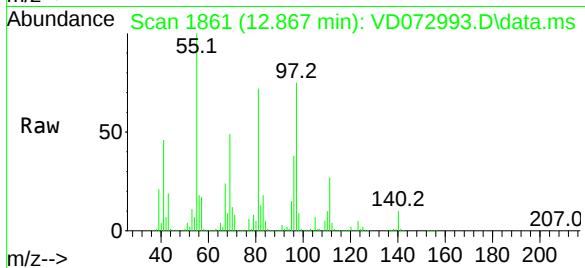
WC-14B-5

Tgt Ion: 91 Resp: 43990

Ion Ratio Lower Upper

91 100

126 11.3 16.2 48.6#



#80

1,3,5-Trimethylbenzene

Concen: 11.942 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD072993.D

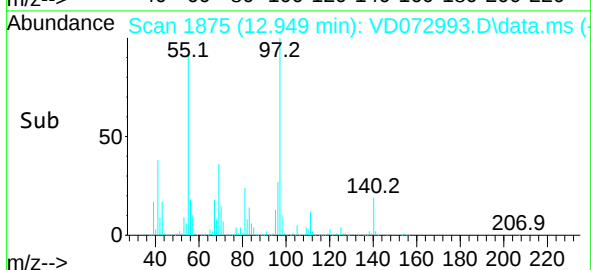
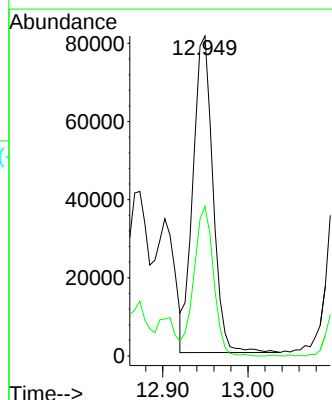
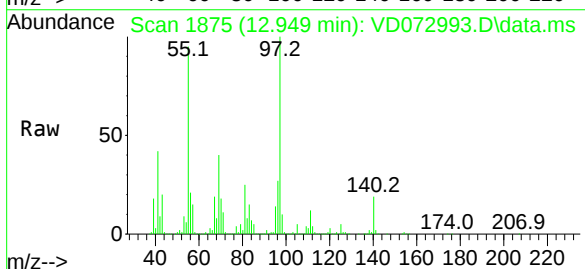
Acq: 13 May 2022 16:55

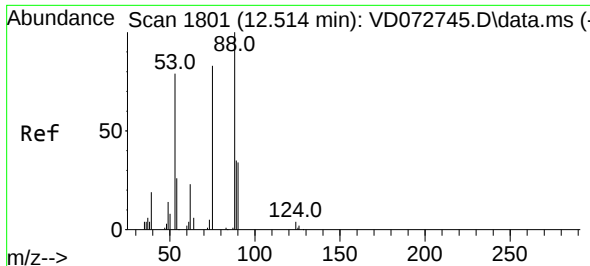
Tgt Ion: 105 Resp: 131650

Ion Ratio Lower Upper

105 100

120 46.4 24.3 72.8

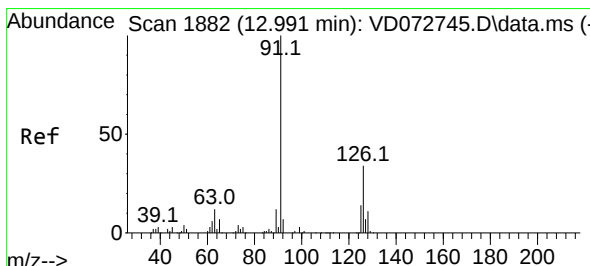
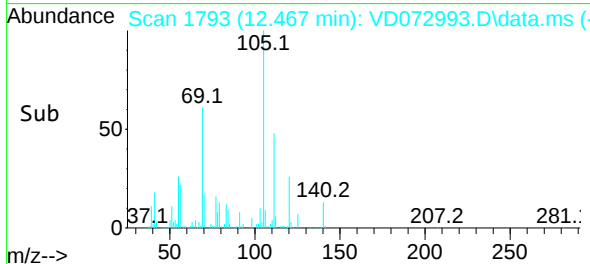
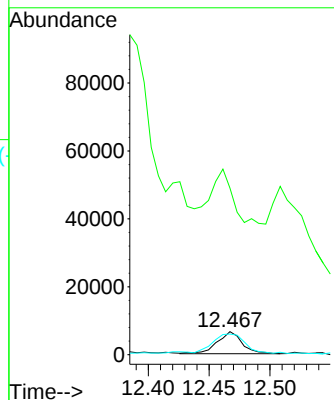
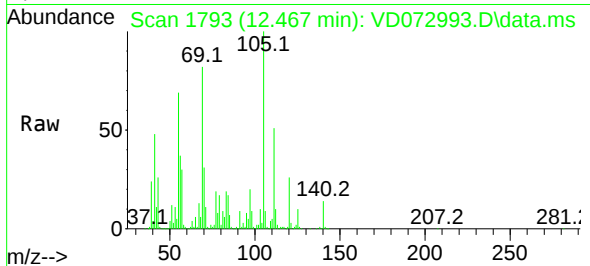




#81
trans-1,4-Dichloro-2-butene
Concen: 11.506 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.047 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

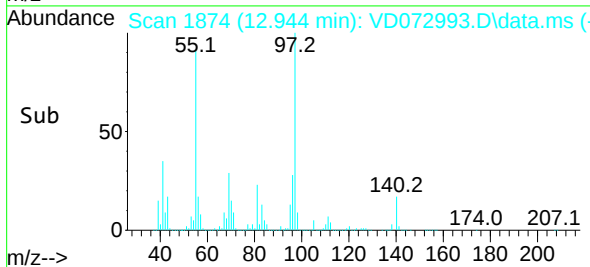
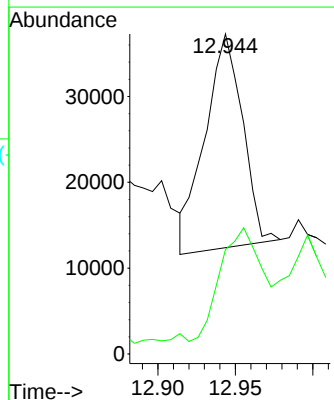
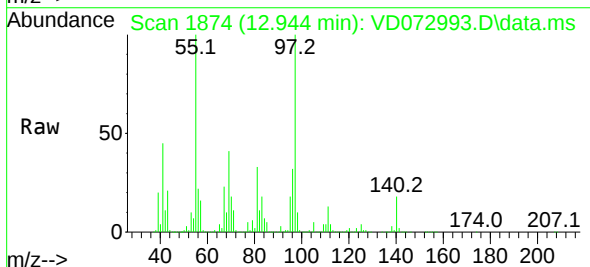
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-5

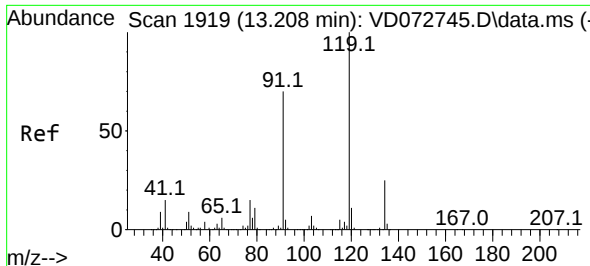
Tgt Ion: 75 Resp: 9323
Ion Ratio Lower Upper
75 100
53 189.8 86.5 129.7#
89 121.1 33.9 50.9#



#82
4-Chlorotoluene
Concen: 4.210 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. -0.047 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

Tgt Ion: 91 Resp: 42108
Ion Ratio Lower Upper
91 100
126 58.9 16.5 49.5#

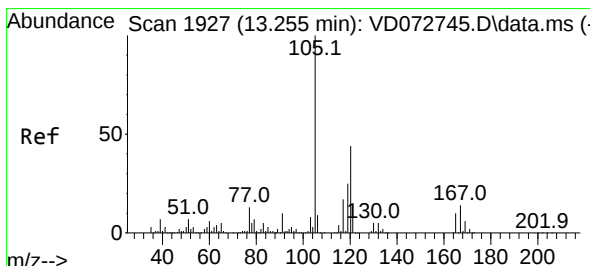
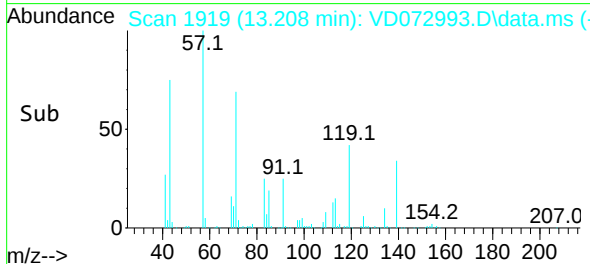
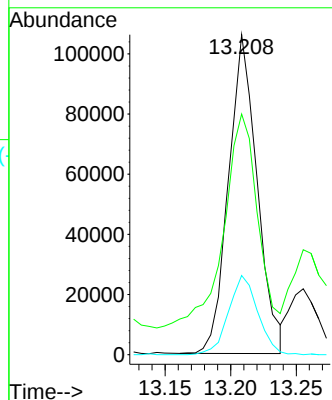
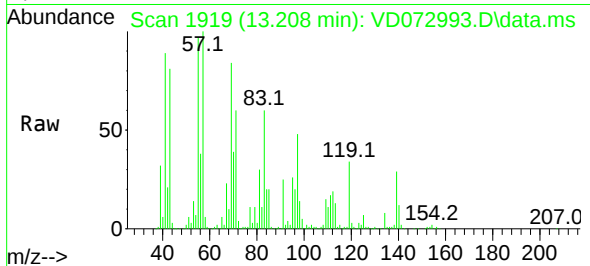




#83
tert-Butylbenzene
Concen: 17.199 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

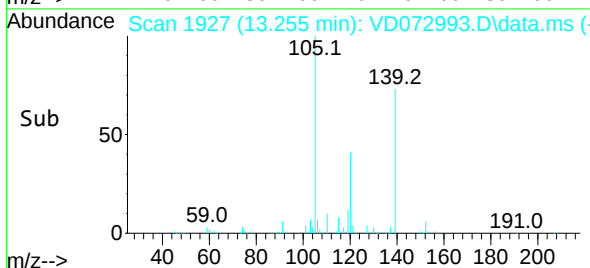
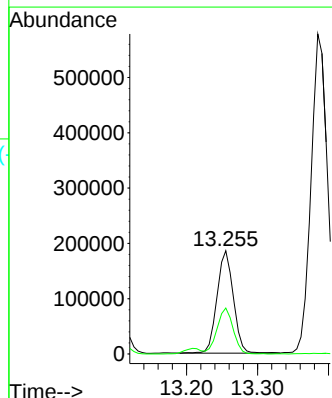
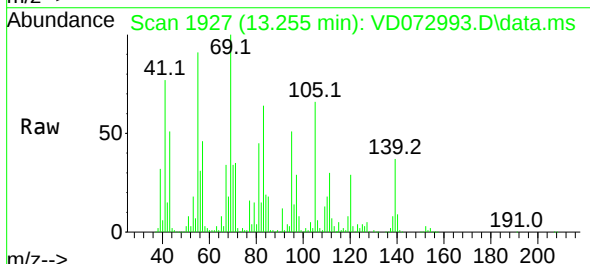
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-5

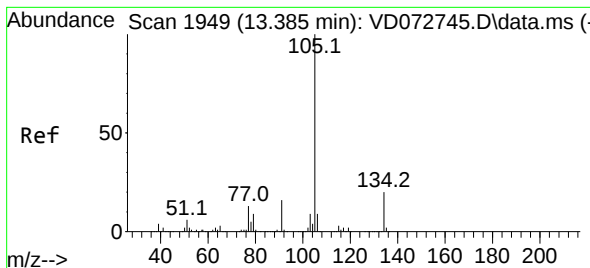
Tgt Ion:119 Resp: 161197
Ion Ratio Lower Upper
119 100
91 78.5 34.8 104.5
134 25.5 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 26.673 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

Tgt Ion:105 Resp: 293909
Ion Ratio Lower Upper
105 100
120 44.0 22.3 66.8





#85

sec-Butylbenzene

Concen: 65.348 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VD072993.D

Acq: 13 May 2022 16:55

Instrument :

MSVOA_D

ClientSampleId :

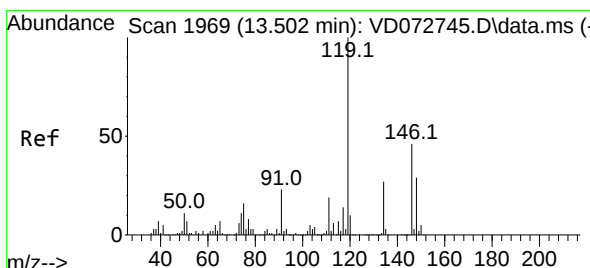
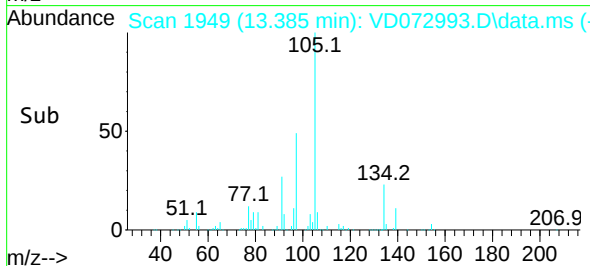
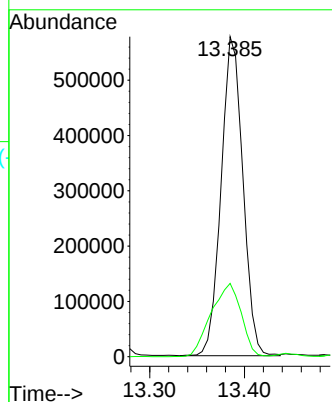
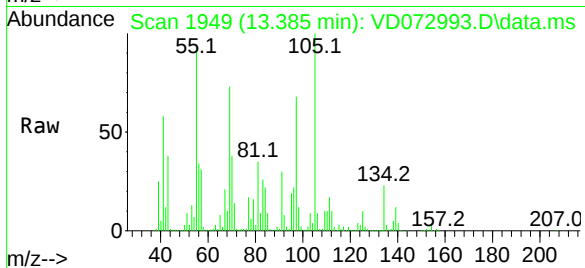
WC-14B-5

Tgt Ion:105 Resp: 923726

Ion Ratio Lower Upper

105 100

134 31.7 9.8 29.3#



#86

p-Isopropyltoluene

Concen: 25.689 ug/l

RT: 13.655 min Scan# 1995

Delta R.T. 0.153 min

Lab File: VD072993.D

Acq: 13 May 2022 16:55

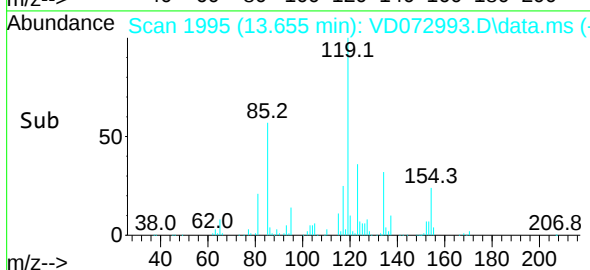
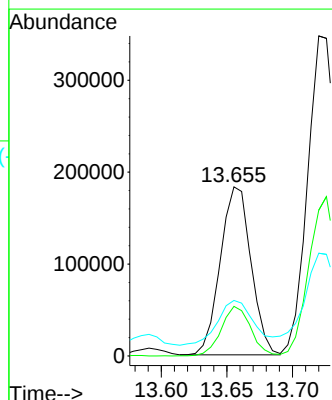
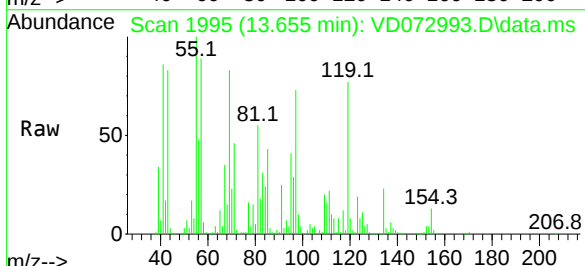
Tgt Ion:119 Resp: 297723

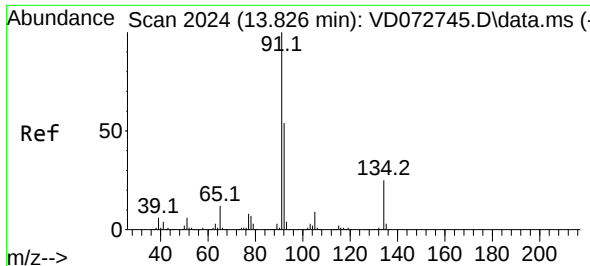
Ion Ratio Lower Upper

119 100

134 28.6 12.9 38.6

91 30.9 12.1 36.3

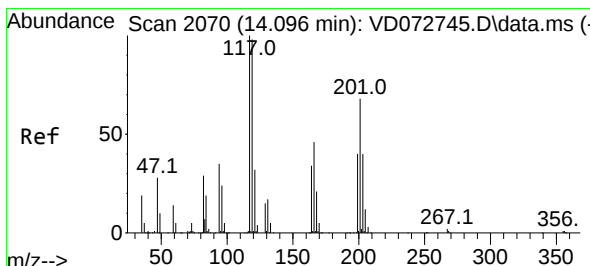
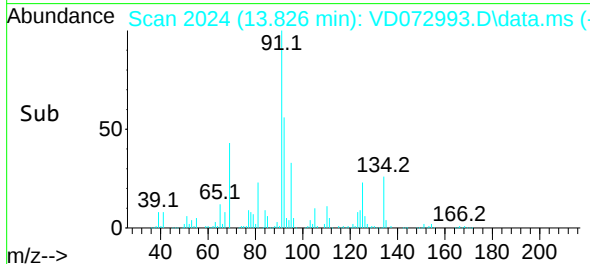
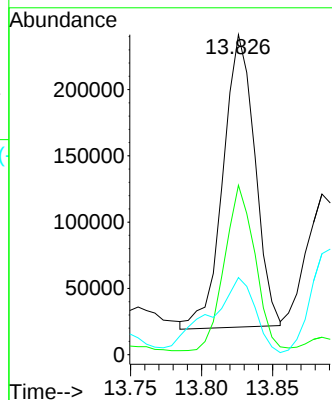
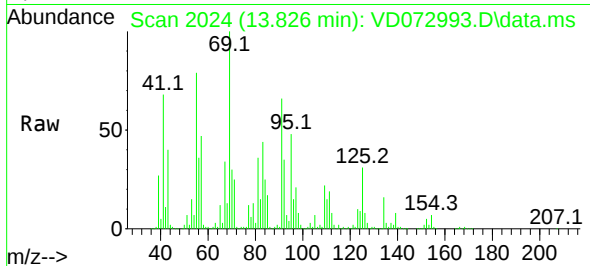




#89
n-Butylbenzene
Concen: 30.721 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

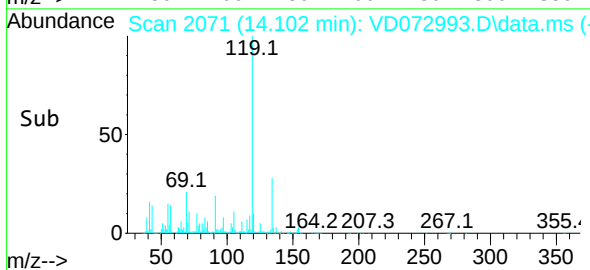
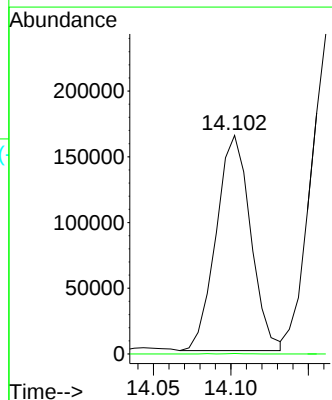
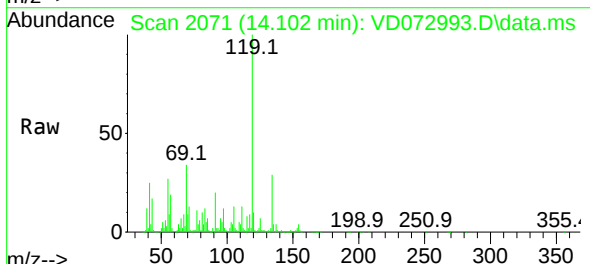
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-5

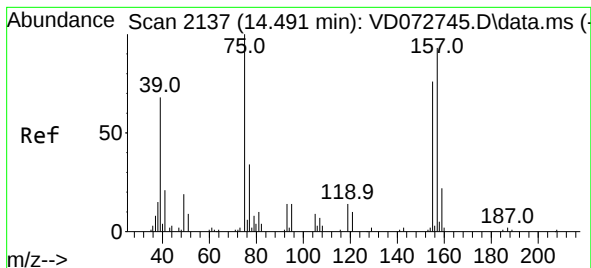
Tgt Ion: 91 Resp: 344906
Ion Ratio Lower Upper
91 100
92 53.9 26.6 79.8
134 37.4 12.3 36.9#



#90
Hexachloroethane
Concen: 106.910 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

Tgt Ion: 117 Resp: 253830
Ion Ratio Lower Upper
117 100
201 0.1 33.4 100.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 13.776 ug/l

RT: 14.508 min Scan# 2137

Delta R.T. 0.017 min

Lab File: VD072993.D

Acq: 13 May 2022 16:55

Instrument :

MSVOA_D

ClientSampleId :

WC-14B-5

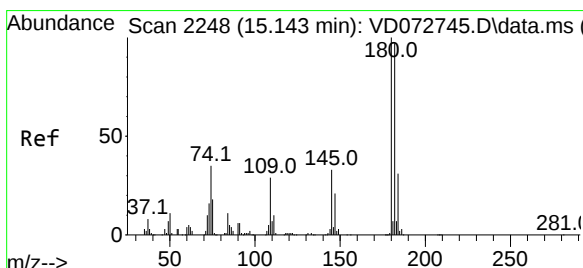
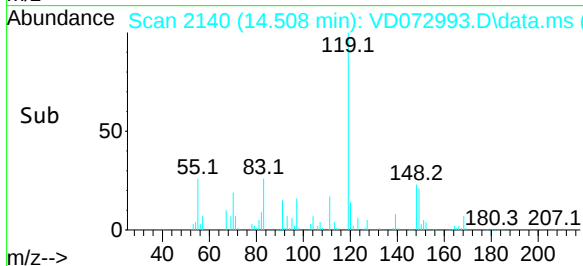
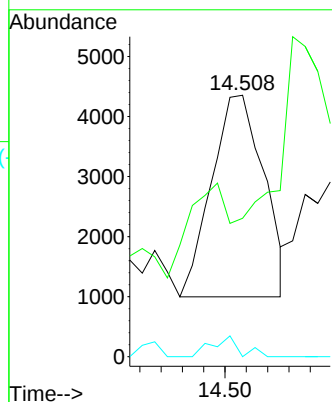
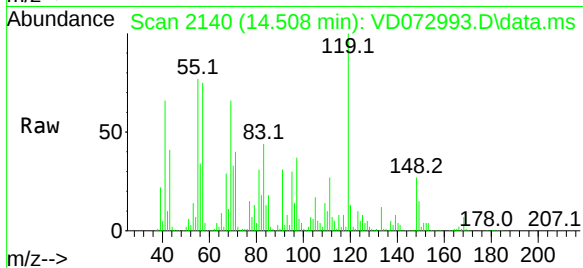
Tgt Ion: 75 Resp: 5731

Ion Ratio Lower Upper

75 100

155 34.6 36.8 110.3#

157 5.4 48.4 145.0#



#93

1,2,4-Trichlorobenzene

Concen: 3.525 ug/l

RT: 15.149 min Scan# 2249

Delta R.T. 0.006 min

Lab File: VD072993.D

Acq: 13 May 2022 16:55

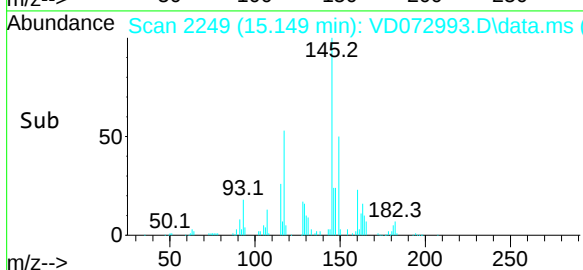
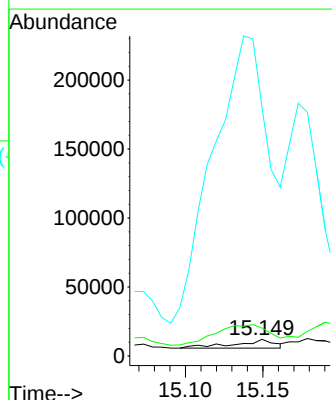
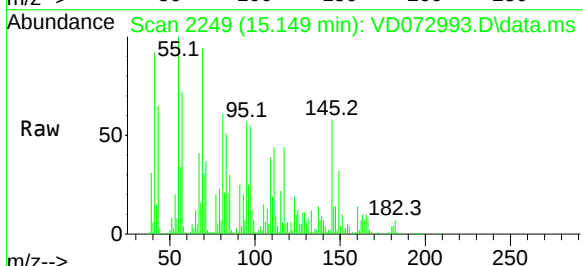
Tgt Ion: 180 Resp: 11315

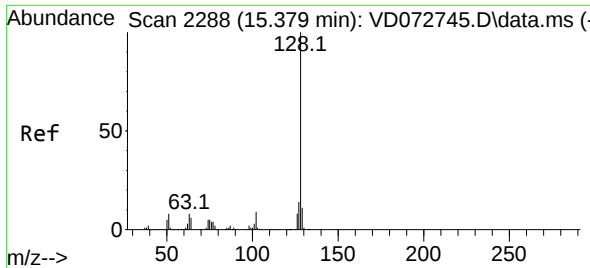
Ion Ratio Lower Upper

180 100

182 319.0 47.3 142.0#

145 5469.3 16.2 48.5#

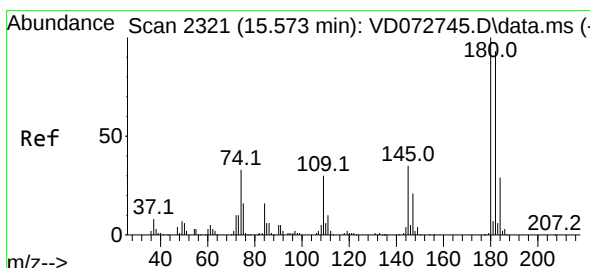
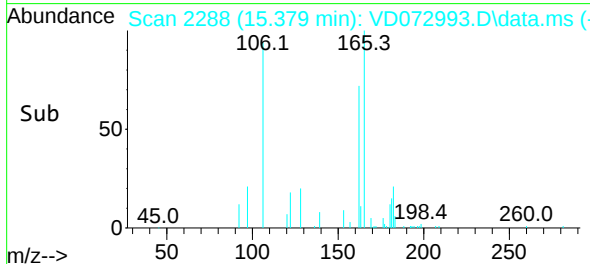
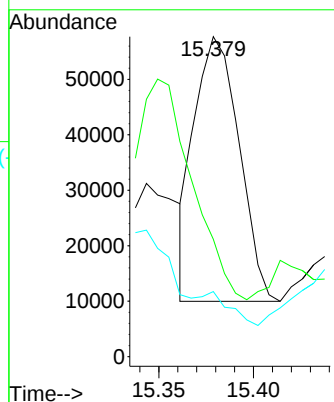
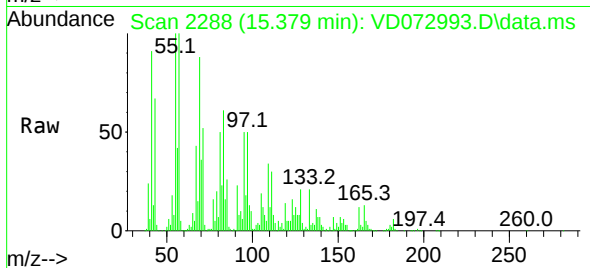




#95
Naphthalene
Concen: 13.291 ug/l
RT: 15.379 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

Instrument :
MSVOA_D
ClientSampleId :
WC-14B-5

Tgt Ion:128 Resp: 78442
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 13.847 ug/l
RT: 15.543 min Scan# 2316
Delta R.T. -0.030 min
Lab File: VD072993.D
Acq: 13 May 2022 16:55

Tgt Ion:180 Resp: 39402
Ion Ratio Lower Upper
180 100
182 34.1 47.6 142.9#
145 529.8 17.1 51.3#

