

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051622\
 Data File : VD073048.D
 Acq On : 16 May 2022 21:31
 Operator : VA/SY
 Sample : N2809-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-TP-5R

Quant Time: May 17 03:31:46 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	43190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	75272	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	90569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	48746	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	35146	62.689	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.380%	
35) Dibromofluoromethane	7.909	113	31030	58.697	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.400%	
50) Toluene-d8	10.332	98	103143	54.392	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.780%	
62) 4-Bromofluorobenzene	12.620	95	47389	67.021	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 134.040%	

Target Compounds			Qvalue			
5) Bromomethane	2.768	94	175	Below Cal	#	66
11) Tert butyl alcohol	5.173	59	5950	122.663	ug/l #	74
15) Acrylonitrile	5.473	53	154	1.159	ug/l #	17
16) Acetone	4.156	43	14611	132.696	ug/l #	77
17) Carbon Disulfide	4.397	76	1953	1.193	ug/l #	74
18) Methyl Acetate	4.685	43	55	Below Cal	#	55
20) Methylene Chloride	4.956	84	3106	Below Cal	#	80
25) 2-Butanone	7.203	43	3736	22.871	ug/l	99
26) 2,2-Dichloropropane	7.185	77	2718	2.893	ug/l #	54
31) Cyclohexane	7.973	56	12752	13.012	ug/l #	92
36) 1,1-Dichloropropene	7.973	75	3745	4.357	ug/l #	54
37) Ethyl Acetate	7.203	43	3736	9.455	ug/l #	18
38) Carbon Tetrachloride	7.973	117	4149	4.650	ug/l #	13
39) Methylcyclohexane	9.350	83	38986	39.101	ug/l	93
43) Isopropyl Acetate	8.444	43	2990	4.100	ug/l #	54
46) Dibromomethane	9.326	93	441	1.226	ug/l #	1
48) Methyl methacrylate	9.397	41	2566	7.192	ug/l #	19
51) 4-Methyl-2-Pentanone	10.226	43	1432	3.778	ug/l	88
52) Toluene	10.391	92	2336	1.509	ug/l #	56
55) 1,1,2-Trichloroethane	10.773	97	15154	31.172	ug/l #	23
56) Ethyl methacrylate	10.673	69	7466	13.044	ug/l #	9
59) 2-Hexanone	10.938	43	17839	69.952	ug/l #	32
61) 1,2-Dibromoethane	11.244	107	1279	2.703	ug/l #	1
65) Chlorobenzene	11.661	112	2347	1.120	ug/l	93
67) Ethyl Benzene	11.732	91	19666	5.425	ug/l #	86
68) m/p-Xylenes	11.844	106	7617	5.454	ug/l #	73
69) o-Xylene	12.167	106	49380	37.862	ug/l	96
70) Styrene	12.173	104	3252	1.439	ug/l #	1
73) Isopropylbenzene	12.467	105	21369	5.634	ug/l	97
74) N-amyl acetate	12.255	43	39585	41.912	ug/l #	76
75) 1,1,2,2-Tetrachloroethane	12.691	83	4917	6.423	ug/l #	91
76) 1,2,3-Trichloropropane	12.620	75	23130	42.554	ug/l #	100
77) Bromobenzene	12.885	156	2653	2.946	ug/l #	66
78) n-propylbenzene	12.808	91	25681	5.373	ug/l	96
80) 1,3,5-Trimethylbenzene	12.949	105	108852	33.849	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.620	75	23130	97.856	ug/l #	10

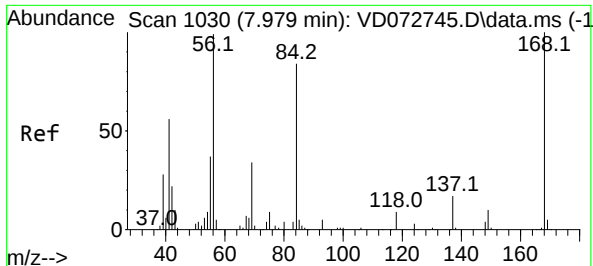
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051622\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	13.249	91	6170	2.115	ug/l	83
83) tert-Butylbenzene	13.214	119	5356	1.959	ug/l	82
84) 1,2,4-Trimethylbenzene	13.255	105	76401	23.768	ug/l	95
85) sec-Butylbenzene	13.385	105	23305	5.652	ug/l	82
86) p-Isopropyltoluene	13.502	119	34541	10.217	ug/l	97
88) 1,4-Dichlorobenzene	13.573	146	3912	2.165	ug/l #	1
89) n-Butylbenzene	13.826	91	11541	3.524	ug/l #	78
90) Hexachloroethane	14.102	117	9496	13.711	ug/l #	17
91) 1,2-Dichlorobenzene	13.873	146	11879	7.513	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.573	75	695	5.727	ug/l	83
93) 1,2,4-Trichlorobenzene	15.138	180	1918	2.048	ug/l #	1
95) Naphthalene	15.379	128	29287	17.011	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.543	180	3295	3.970	ug/l #	1

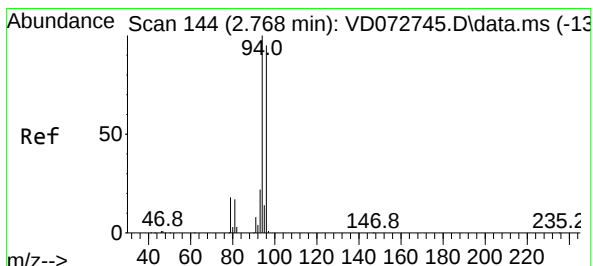
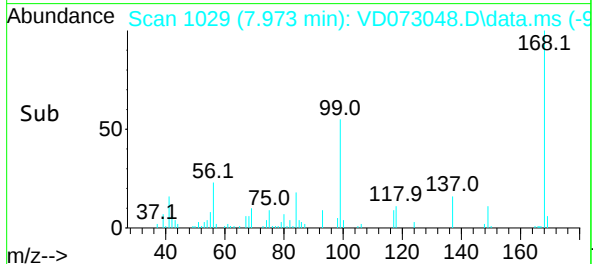
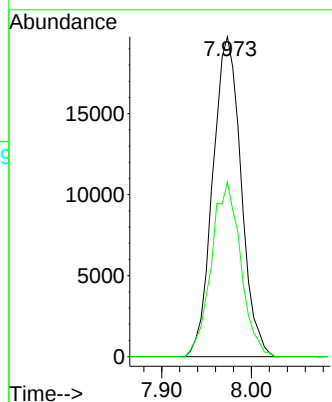
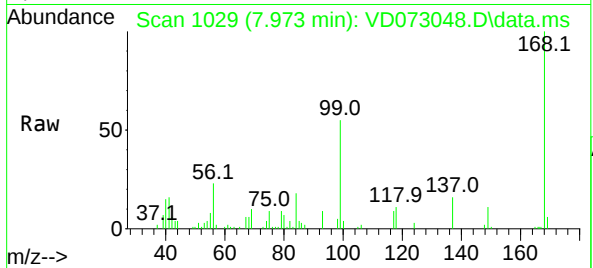
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

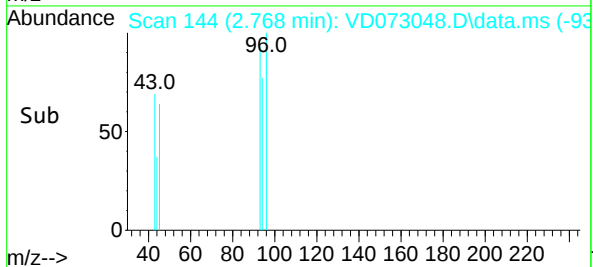
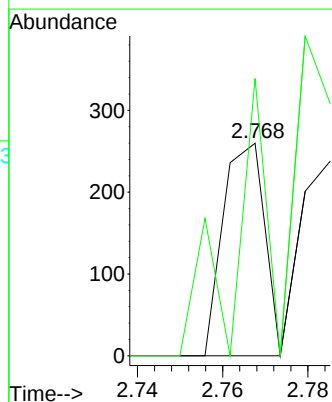
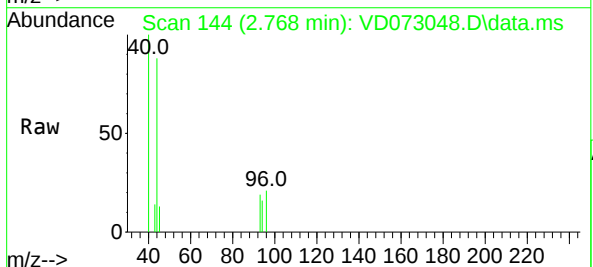
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

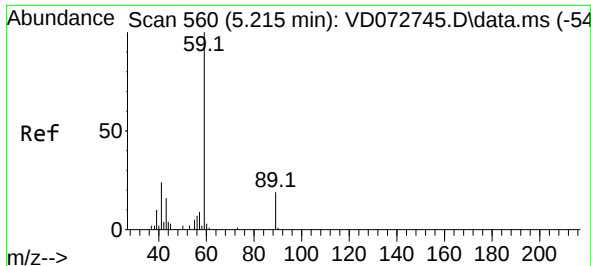
Tgt Ion:168 Resp: 43190
Ion Ratio Lower Upper
168 100
99 54.6 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.768 min Scan# 144
Delta R.T. -0.000 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

Tgt Ion: 94 Resp: 175
Ion Ratio Lower Upper
94 100
96 130.4 77.6 116.4#

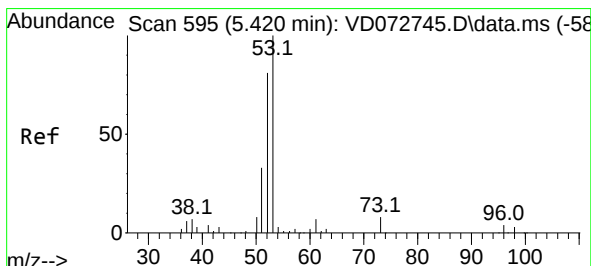
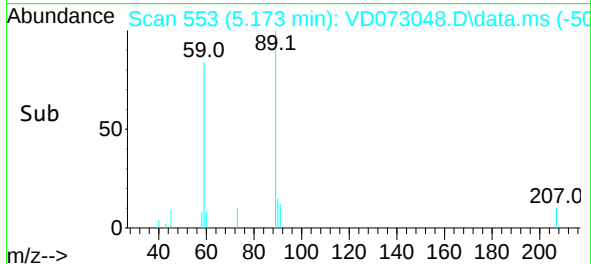
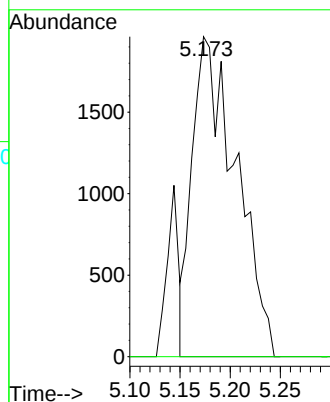
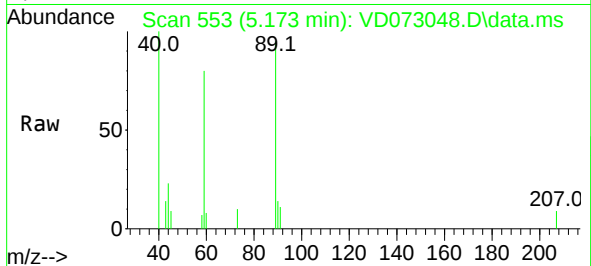




#11
Tert butyl alcohol
Concen: 122.663 ug/l
RT: 5.173 min Scan# 511
Delta R.T. -0.042 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

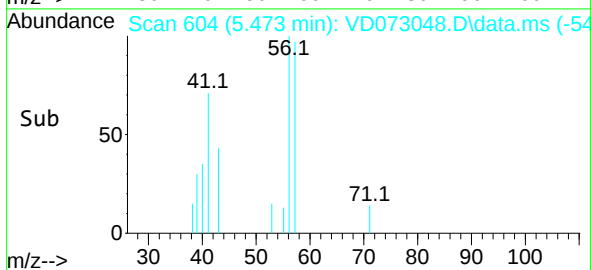
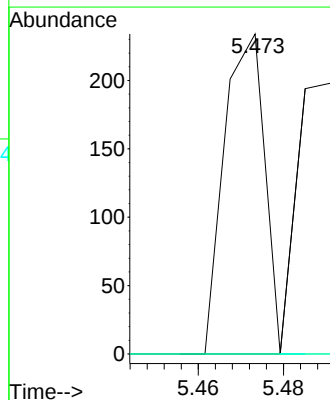
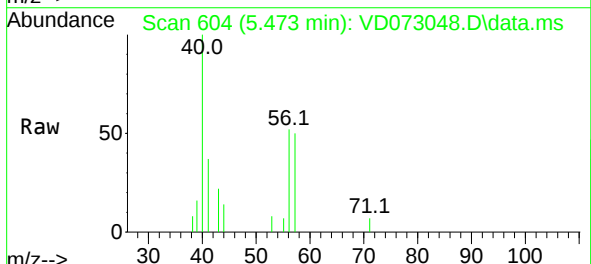
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

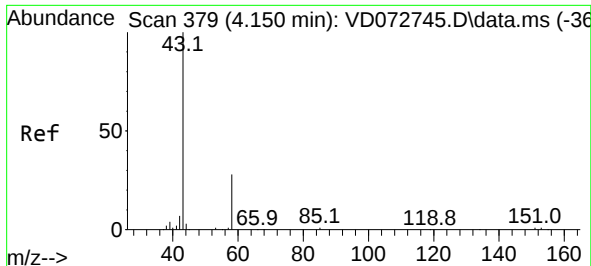
Tgt Ion: 59 Resp: 5950
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#15
Acrylonitrile
Concen: 1.159 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.053 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

Tgt Ion: 53 Resp: 154
Ion Ratio Lower Upper
53 100
52 0.0 67.2 100.8#
51 0.0 30.3 45.5#

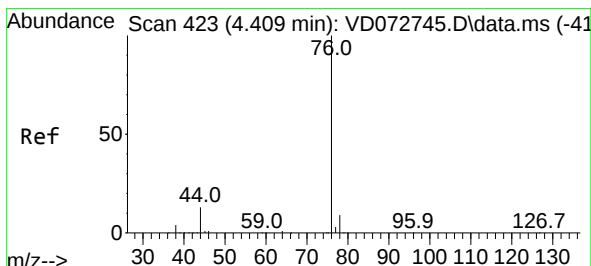
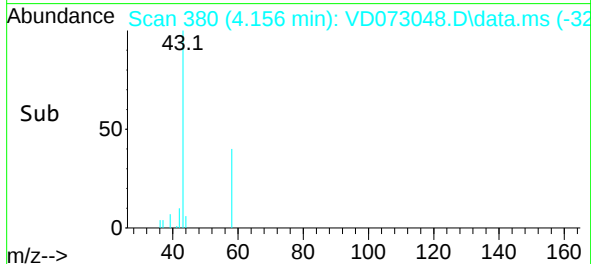
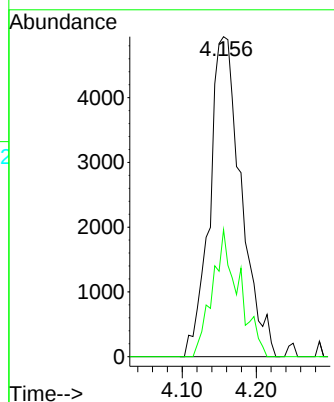
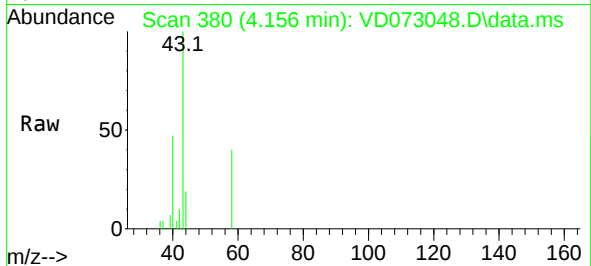




#16
Acetone
Concen: 132.696 ug/l
RT: 4.156 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

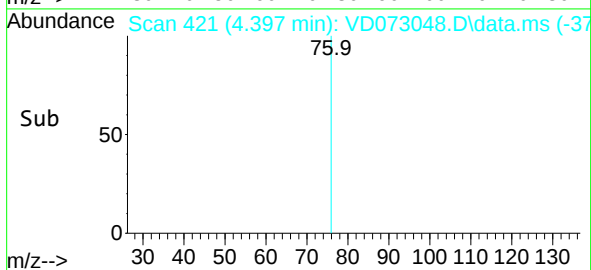
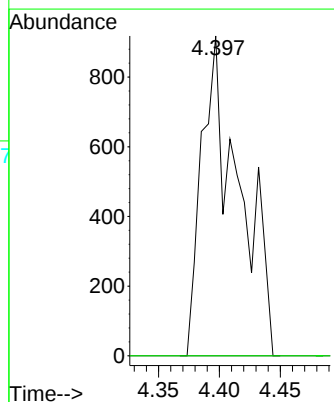
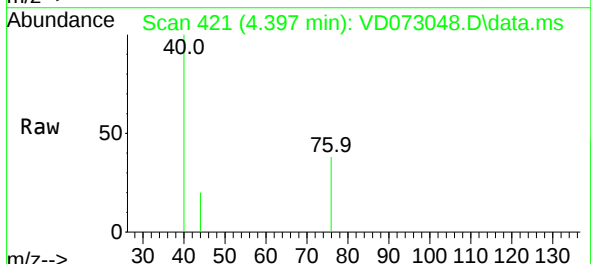
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

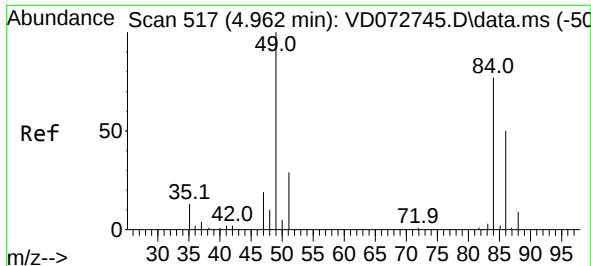
Tgt Ion: 43 Resp: 14611
Ion Ratio Lower Upper
43 100
58 39.7 22.1 33.1#



#17
Carbon Disulfide
Concen: 1.193 ug/l
RT: 4.397 min Scan# 421
Delta R.T. -0.012 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

Tgt Ion: 76 Resp: 1953
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



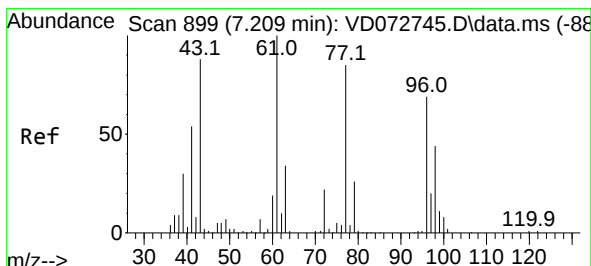
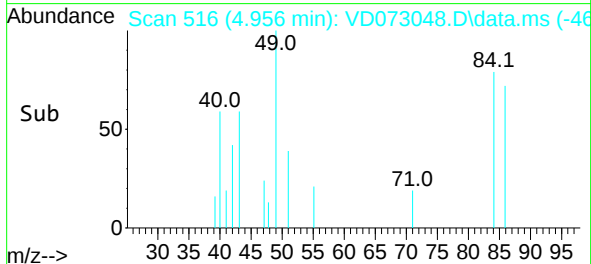
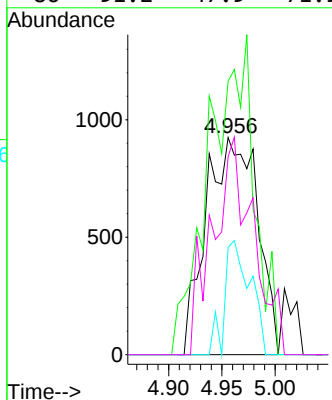
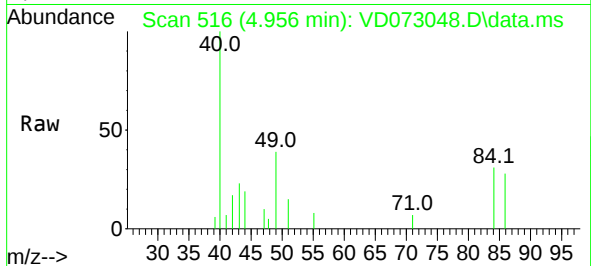


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

Tgt Ion: 84 Resp: 3106

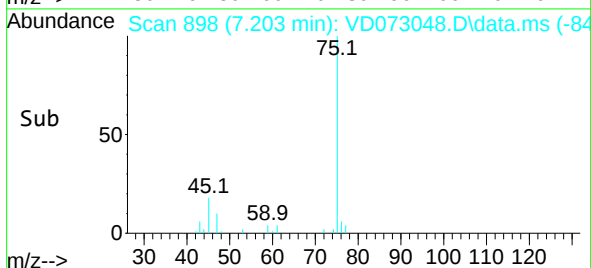
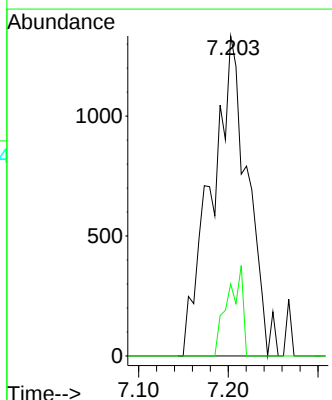
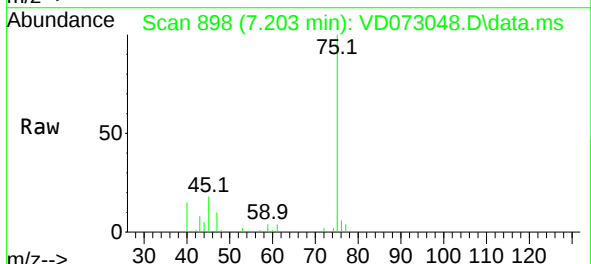
Ion	Ratio	Lower	Upper
84	100		
49	126.0	112.8	169.2
51	49.5	32.6	48.8#
86	91.2	47.9	71.9#

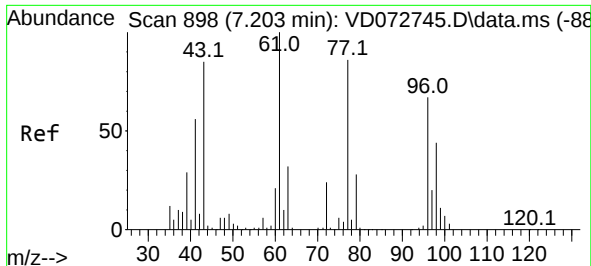


#25
2-Butanone
Concen: 22.871 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

Tgt Ion: 43 Resp: 3736

Ion	Ratio	Lower	Upper
43	100		
72	22.5	18.6	27.8

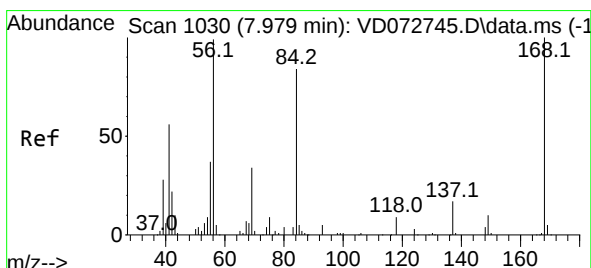
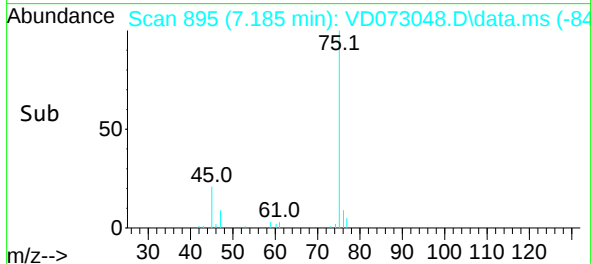
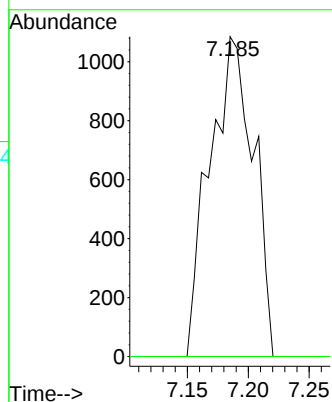
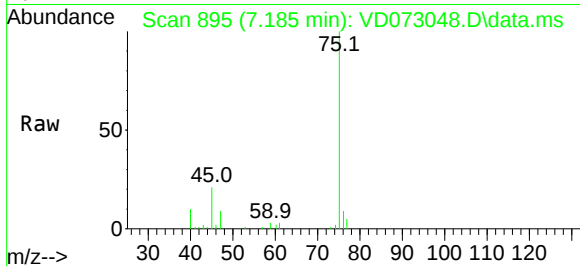




#26
2,2-Dichloropropane
Concen: 2.893 ug/l
RT: 7.185 min Scan# 895
Delta R.T. -0.018 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

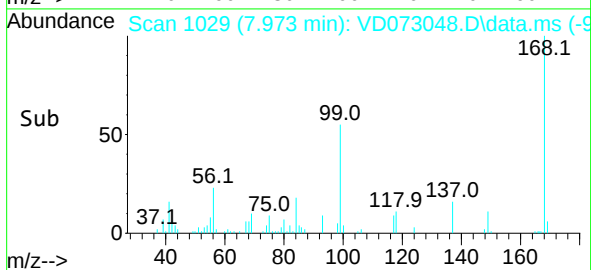
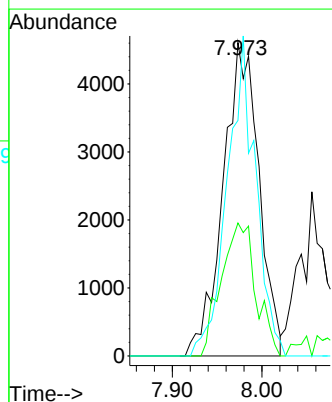
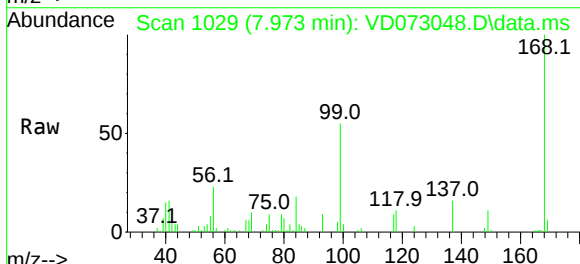
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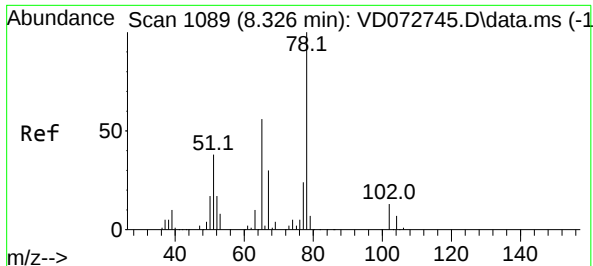
Tgt Ion: 77 Resp: 2718
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.4#



#31
Cyclohexane
Concen: 13.012 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

Tgt Ion: 56 Resp: 12752
Ion Ratio Lower Upper
56 100
69 42.4 25.4 38.2#
84 75.2 63.0 94.4





#33

1,2-Dichloroethane-d4

Concen: 62.689 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073048.D

Acq: 16 May 2022 21:31

Instrument :

MSVOA_D

ClientSampleId :

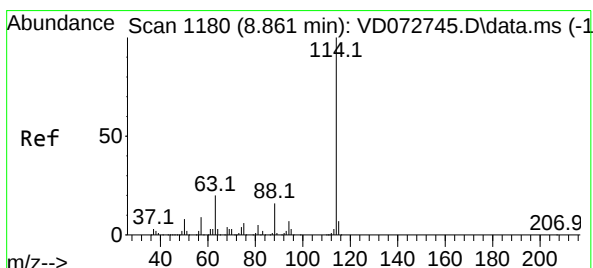
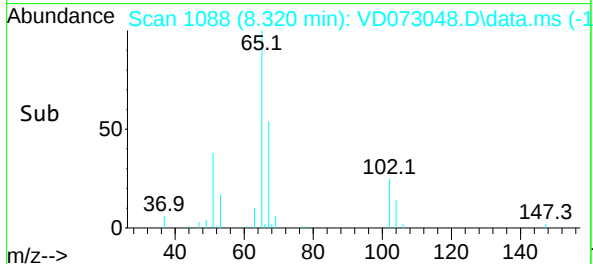
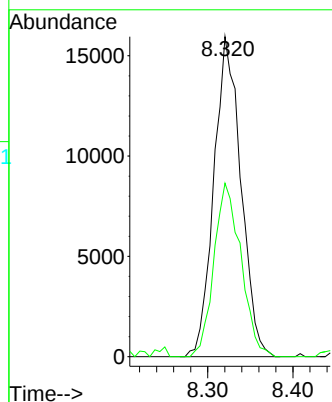
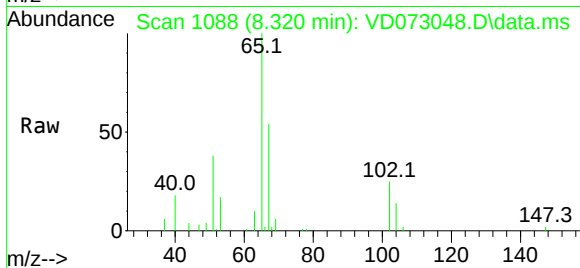
WC-14A-TP-5R

Tgt Ion: 65 Resp: 35146

Ion Ratio Lower Upper

65 100

67 54.2 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073048.D

Acq: 16 May 2022 21:31

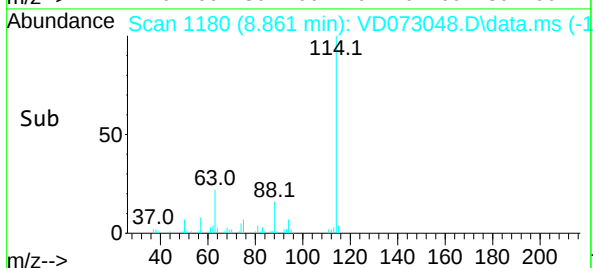
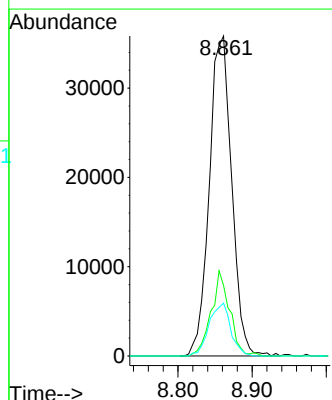
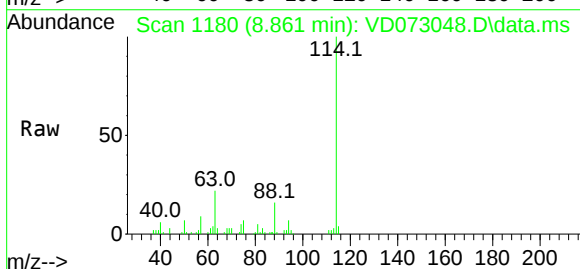
Tgt Ion: 114 Resp: 75272

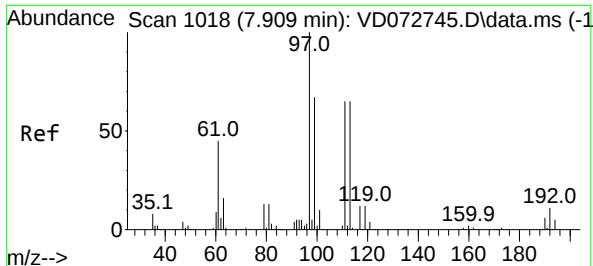
Ion Ratio Lower Upper

114 100

63 22.1 0.0 46.6

88 16.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 58.697 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073048.D

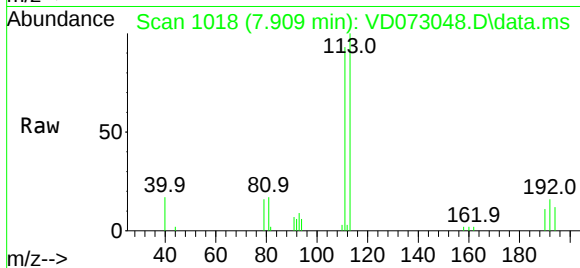
Acq: 16 May 2022 21:31

Instrument :

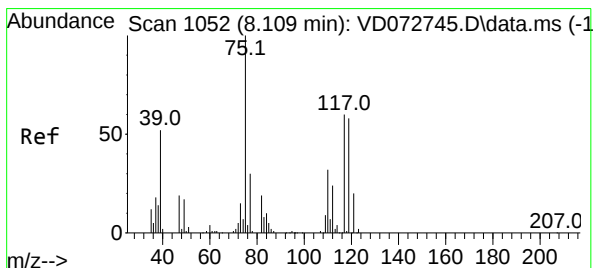
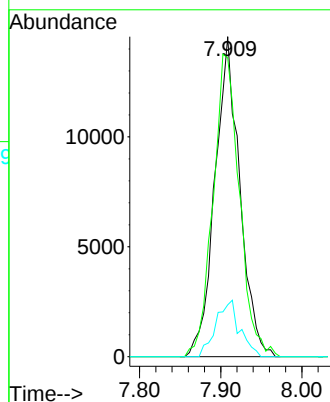
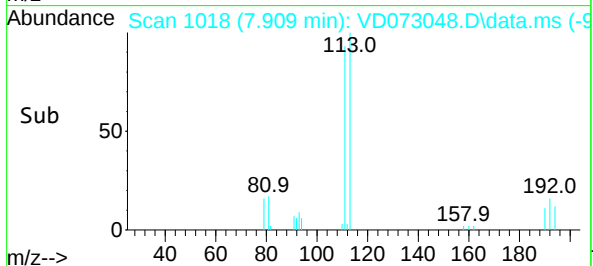
MSVOA_D

ClientSampleId :

WC-14A-TP-5R



Tgt Ion:	113	Resp:	31030
Ion	Ratio	Lower	Upper
113	100		
111	100.2	83.8	125.6
192	16.9	14.6	21.8



#36

1,1-Dichloropropene

Concen: 4.357 ug/l

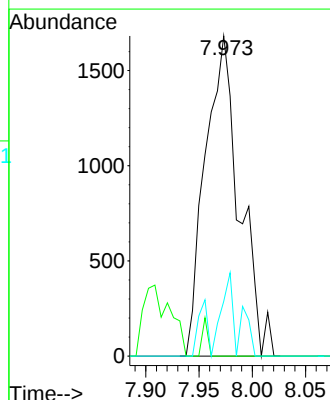
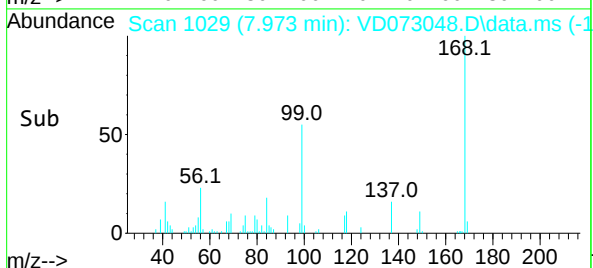
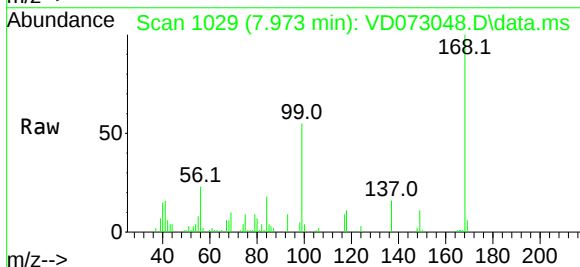
RT: 7.973 min Scan# 1029

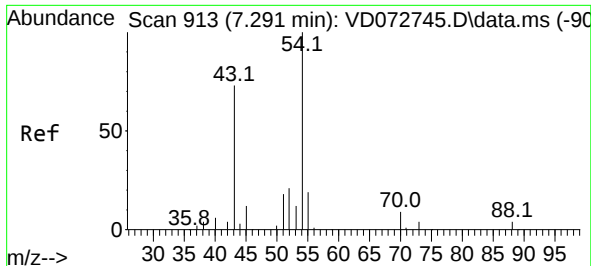
Delta R.T. -0.136 min

Lab File: VD073048.D

Acq: 16 May 2022 21:31

Tgt Ion:	75	Resp:	3745
Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.4	49.1#
77	12.7	24.2	36.2#





#37

Ethyl Acetate

Concen: 9.455 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.088 min

Lab File: VD073048.D

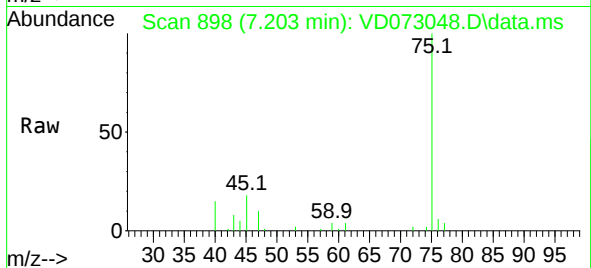
Acq: 16 May 2022 21:31

Instrument :

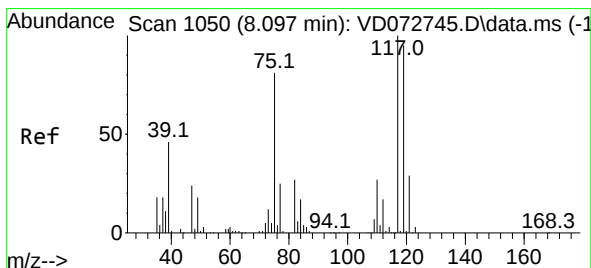
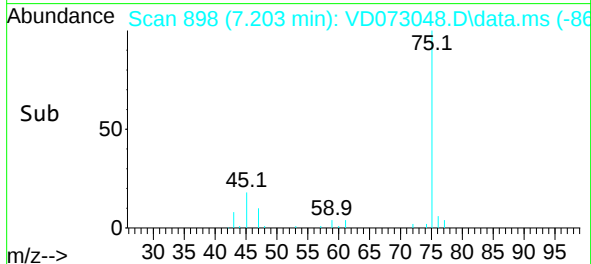
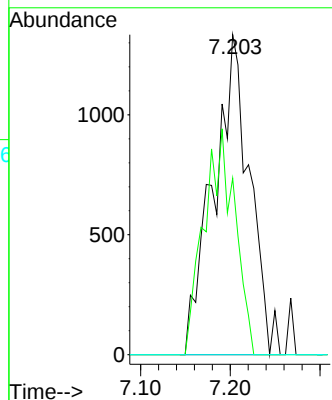
MSVOA_D

ClientSampleId :

WC-14A-TP-5R



Tgt Ion: 43	Resp:	3736
Ion Ratio	Lower	Upper
43	100	
61	60.0	9.8 14.8#
70	0.0	6.9 10.3#



#38

Carbon Tetrachloride

Concen: 4.650 ug/l

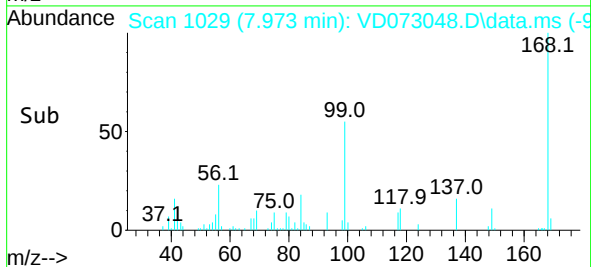
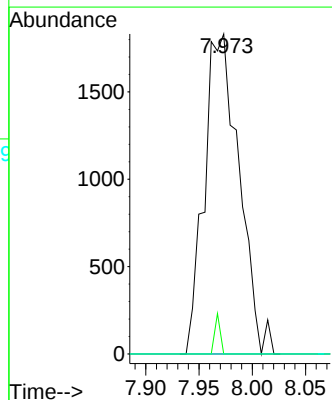
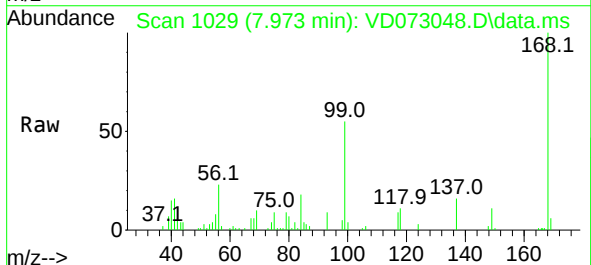
RT: 7.973 min Scan# 1029

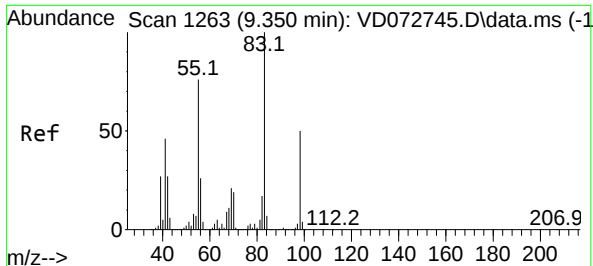
Delta R.T. -0.124 min

Lab File: VD073048.D

Acq: 16 May 2022 21:31

Tgt Ion: 117	Resp:	4149
Ion Ratio	Lower	Upper
117	100	
119	0.0	75.8 113.6#
121	0.0	24.5 36.7#





#39

Methylcyclohexane

Concen: 39.101 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073048.D

Acq: 16 May 2022 21:31

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-TP-5R

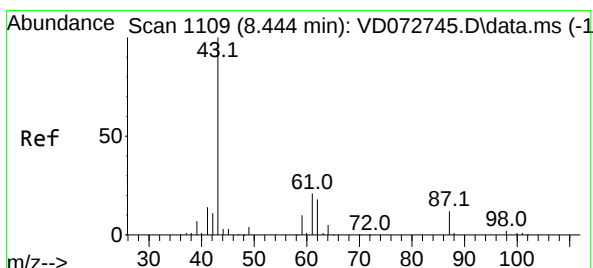
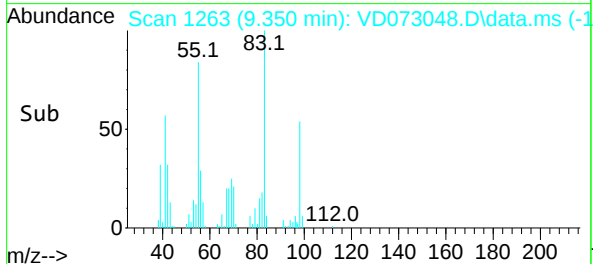
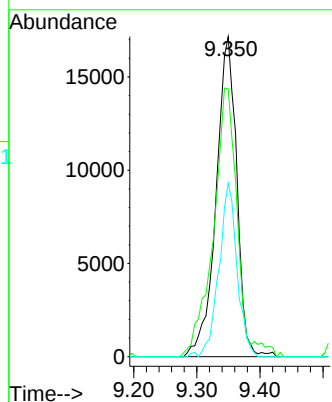
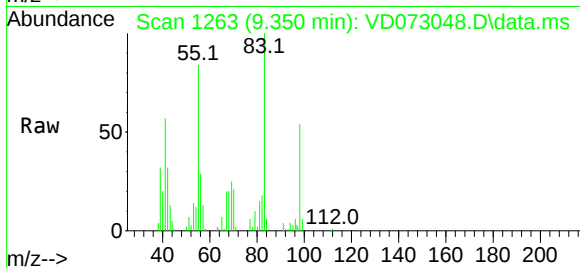
Tgt Ion: 83 Resp: 38986

Ion Ratio Lower Upper

83 100

55 83.7 63.2 94.8

98 54.2 38.2 57.4



#43

Isopropyl Acetate

Concen: 4.100 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD073048.D

Acq: 16 May 2022 21:31

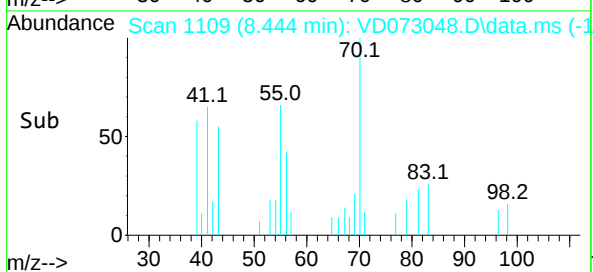
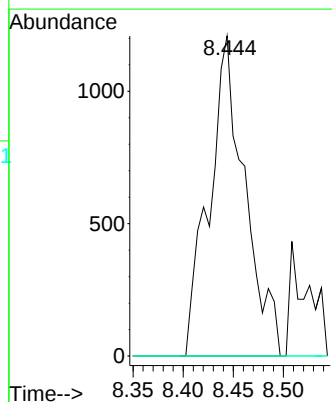
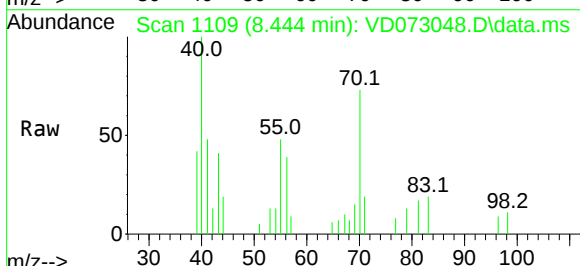
Tgt Ion: 43 Resp: 2990

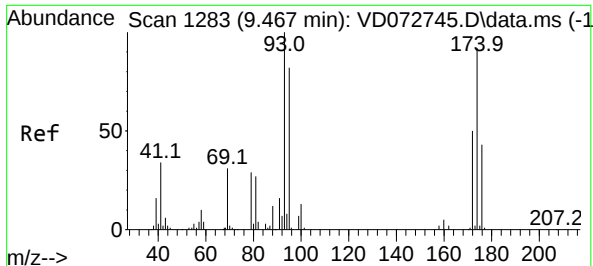
Ion Ratio Lower Upper

43 100

61 0.0 22.4 33.6#

87 0.0 8.7 13.1#

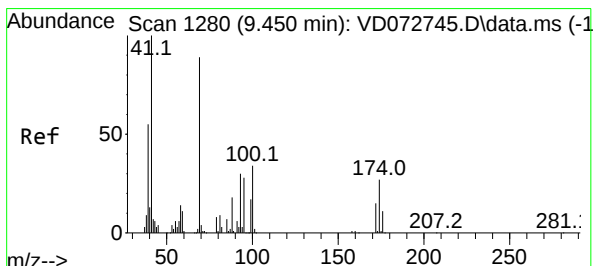
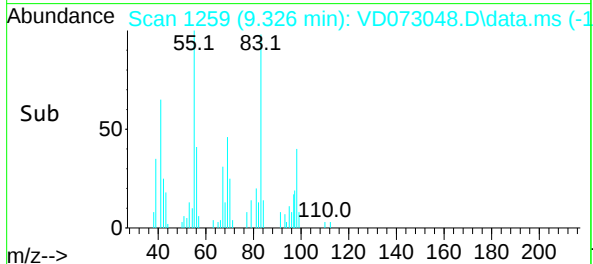
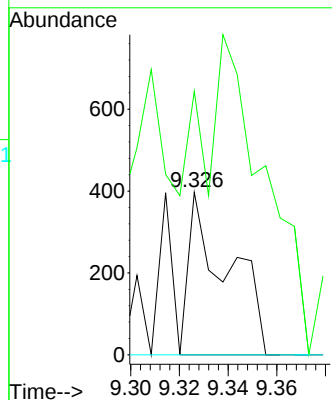
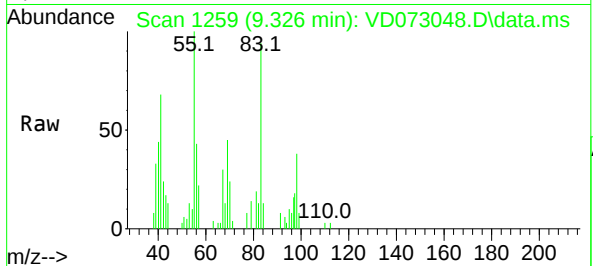




#46
Dibromomethane
Concen: 1.226 ug/l
RT: 9.326 min Scan# 11
Delta R.T. -0.141 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

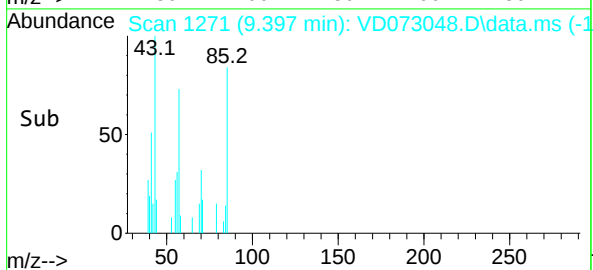
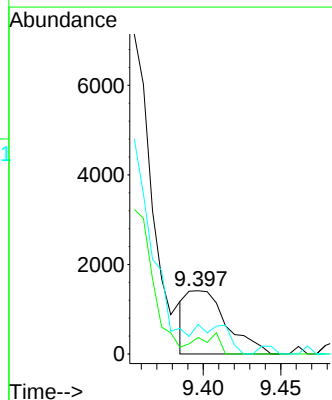
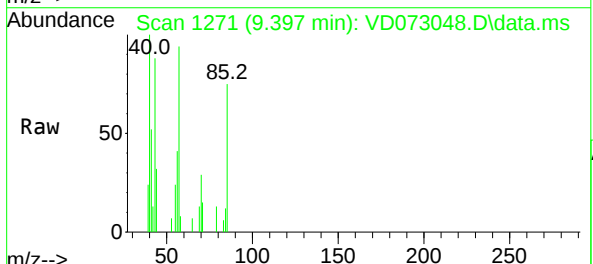
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

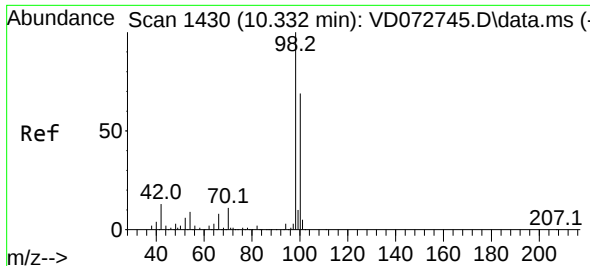
Tgt Ion: 93 Resp: 441
Ion Ratio Lower Upper
93 100
95 339.5 66.7 100.1#
174 0.0 71.6 107.4#



#48
Methyl methacrylate
Concen: 7.192 ug/l
RT: 9.397 min Scan# 1271
Delta R.T. -0.053 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

Tgt Ion: 41 Resp: 2566
Ion Ratio Lower Upper
41 100
69 0.0 56.7 85.1#
39 0.0 42.7 64.1#

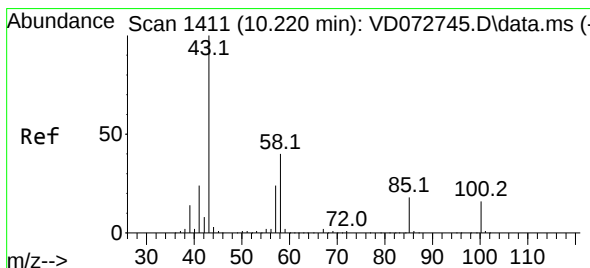
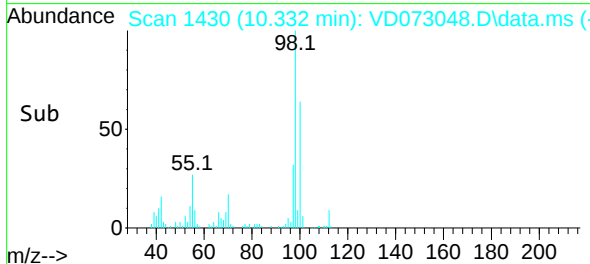
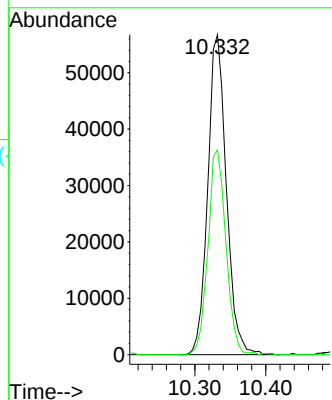
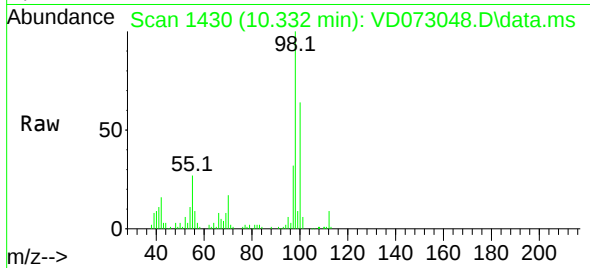




#50
Toluene-d8
Concen: 54.392 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

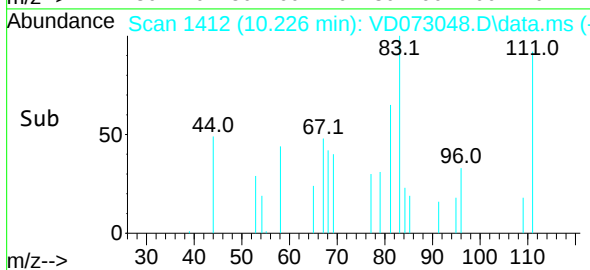
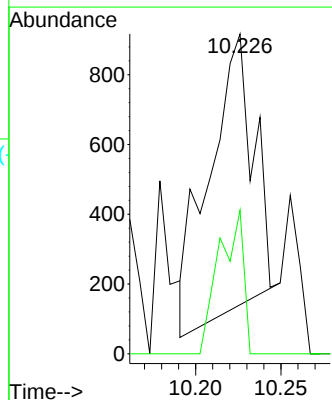
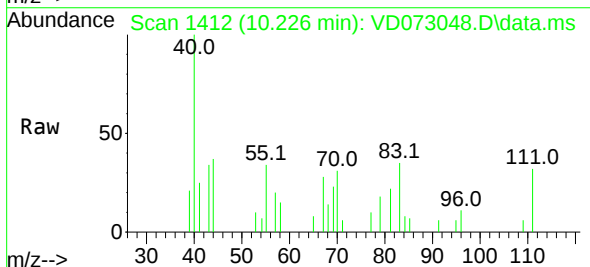
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

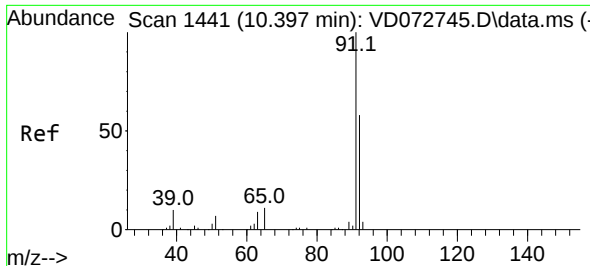
Tgt Ion: 98 Resp: 103143
Ion Ratio Lower Upper
98 100
100 62.1 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 3.778 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.006 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

Tgt Ion: 43 Resp: 1432
Ion Ratio Lower Upper
43 100
58 28.8 28.6 43.0

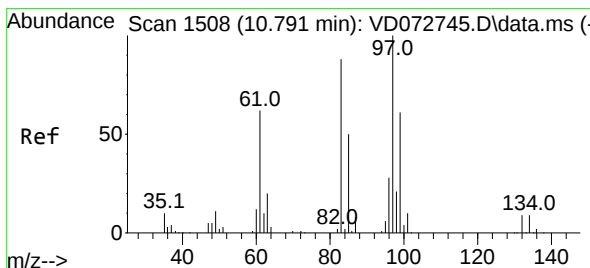
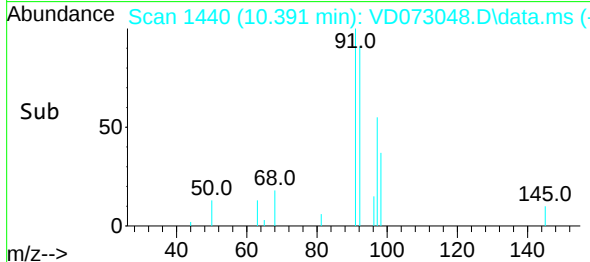
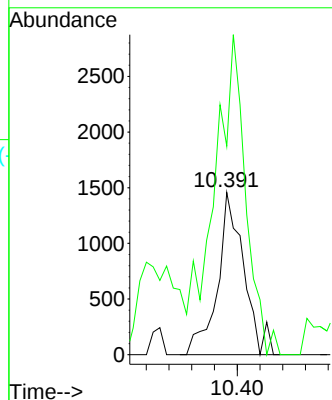
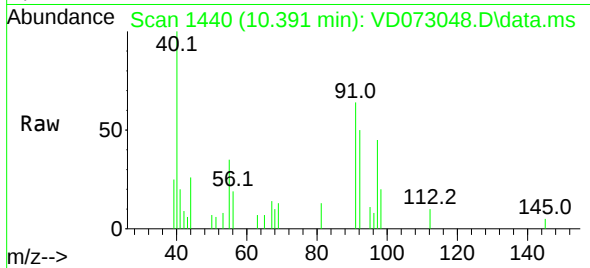




#52
Toluene
Concen: 1.509 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

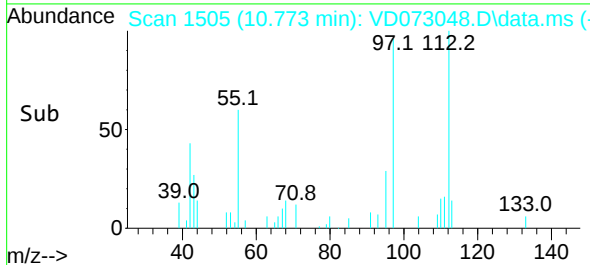
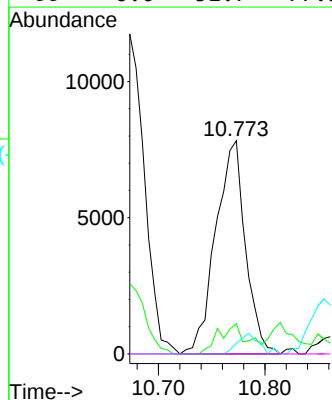
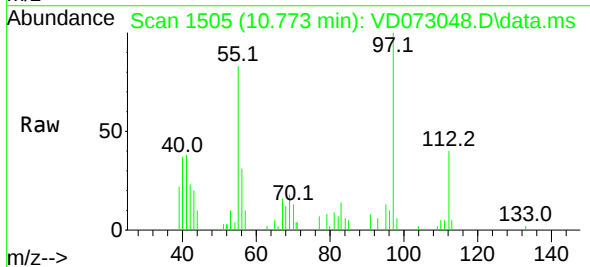
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

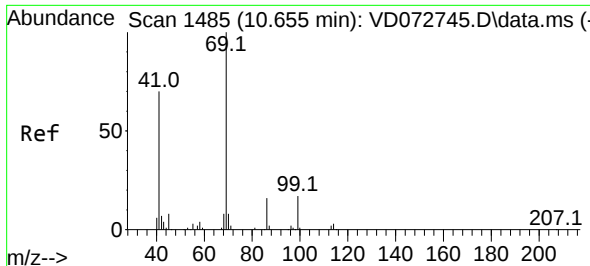
Tgt Ion: 92 Resp: 2336
Ion Ratio Lower Upper
92 100
91 235.4 139.6 209.4#



#55
1,1,2-Trichloroethane
Concen: 31.172 ug/l
RT: 10.773 min Scan# 1505
Delta R.T. -0.018 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

Tgt Ion: 97 Resp: 15154
Ion Ratio Lower Upper
97 100
83 14.2 69.0 103.4#
85 5.0 42.6 63.8#
99 0.0 51.7 77.5#

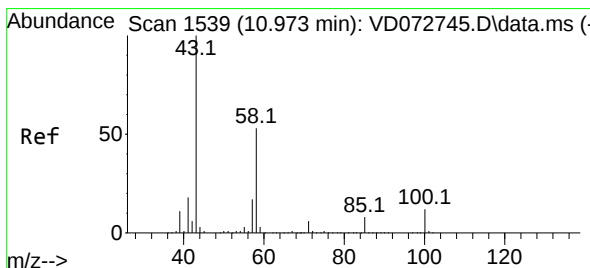
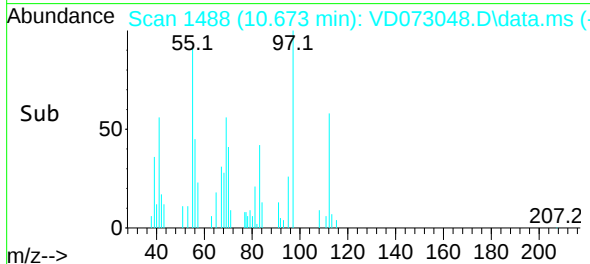
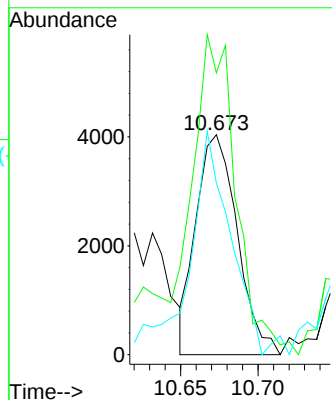
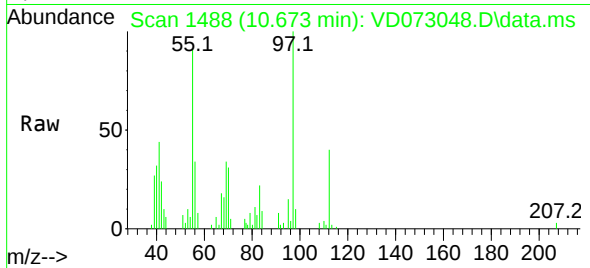




#56
Ethyl methacrylate
Concen: 13.044 ug/l
RT: 10.673 min Scan# 1488
Delta R.T. 0.018 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

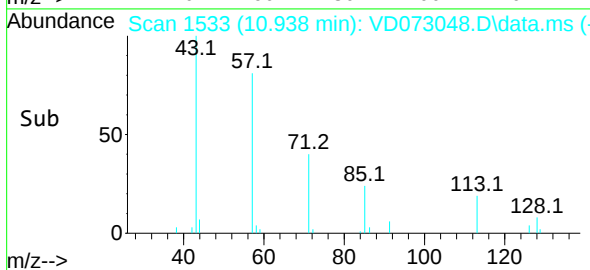
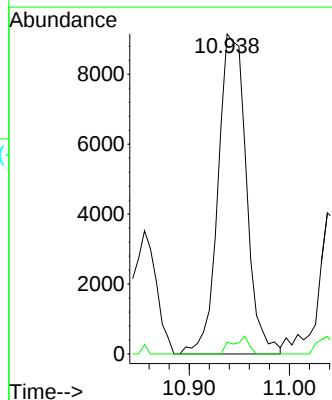
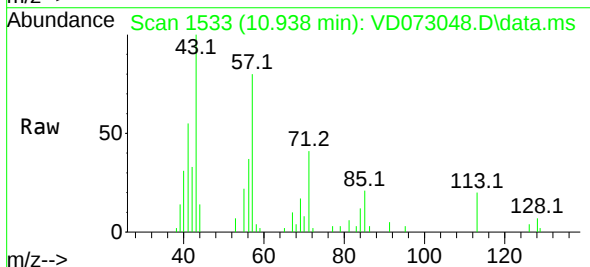
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

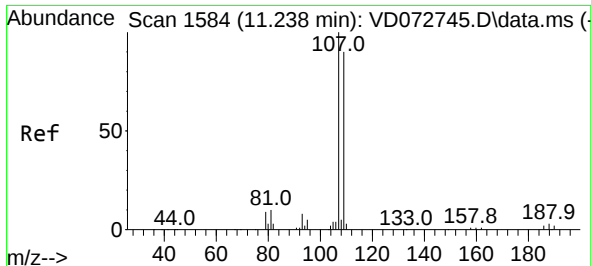
Tgt Ion: 69 Resp: 7466
Ion Ratio Lower Upper
69 100
41 152.5 63.0 94.6#
39 107.9 33.8 50.8#



#59
2-Hexanone
Concen: 69.952 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.035 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

Tgt Ion: 43 Resp: 17839
Ion Ratio Lower Upper
43 100
58 3.2 25.3 75.9#

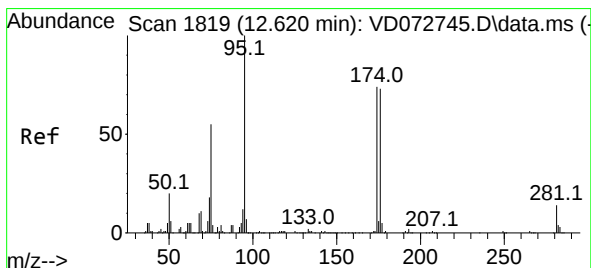
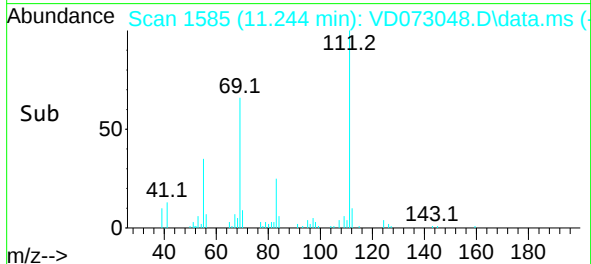
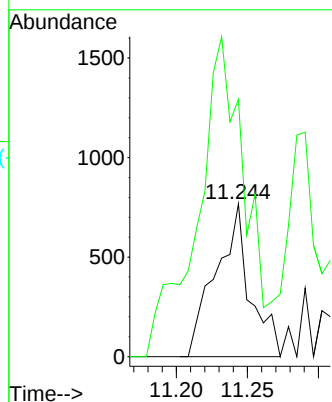
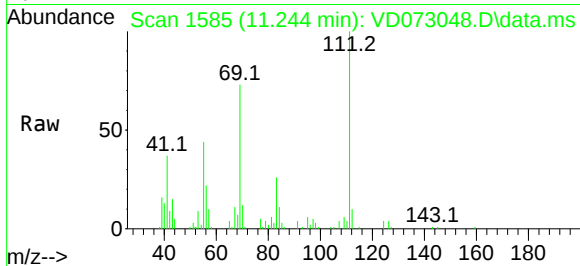




#61
1,2-Dibromoethane
Concen: 2.703 ug/l
RT: 11.244 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

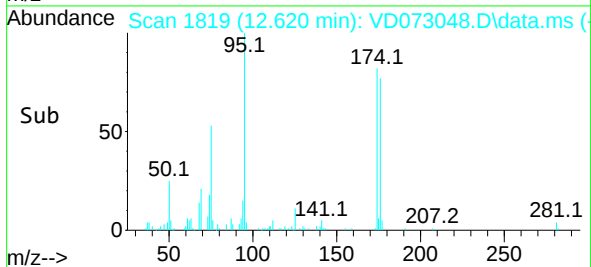
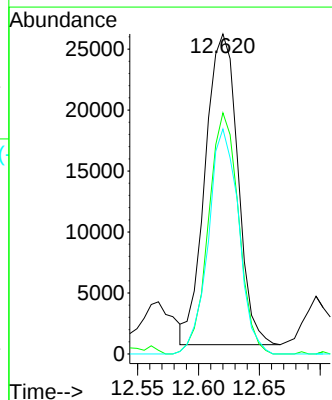
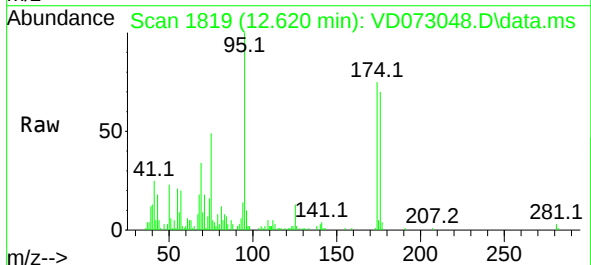
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

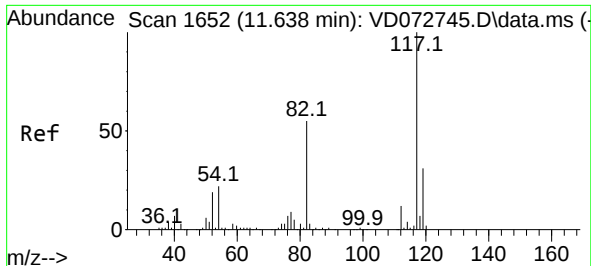
Tgt Ion:107 Resp: 1279
Ion Ratio Lower Upper
107 100
109 294.5 74.2 111.4#



#62
4-Bromofluorobenzene
Concen: 67.021 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

Tgt Ion: 95 Resp: 47389
Ion Ratio Lower Upper
95 100
174 71.8 0.0 152.8
176 67.3 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 117

Delta R.T. -0.006 min

Lab File: VD073048.D

Acq: 16 May 2022 21:31

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-TP-5R

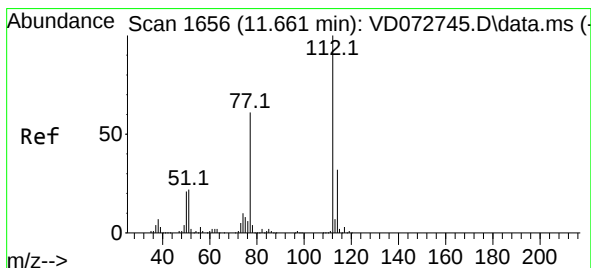
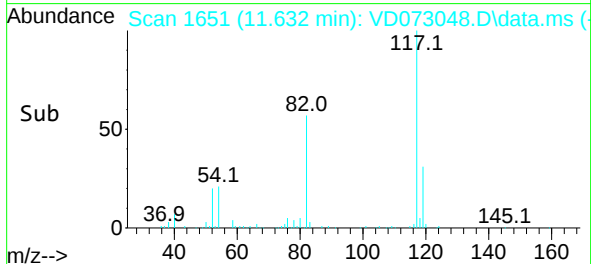
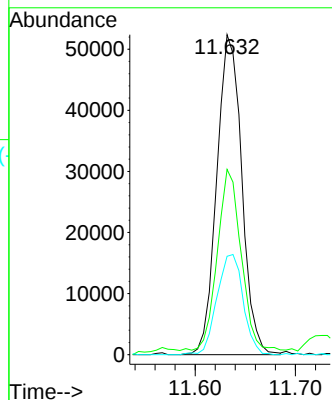
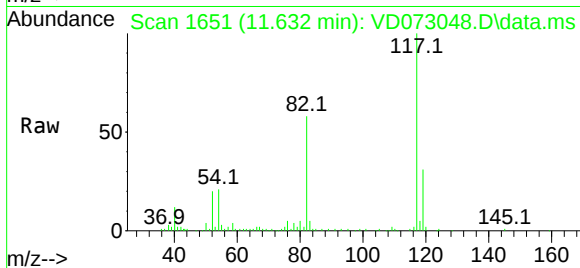
Tgt Ion:117 Resp: 90569

Ion Ratio Lower Upper

117 100

82 56.6 45.3 67.9

119 30.8 26.6 40.0



#65

Chlorobenzene

Concen: 1.120 ug/l

RT: 11.661 min Scan# 1656

Delta R.T. 0.000 min

Lab File: VD073048.D

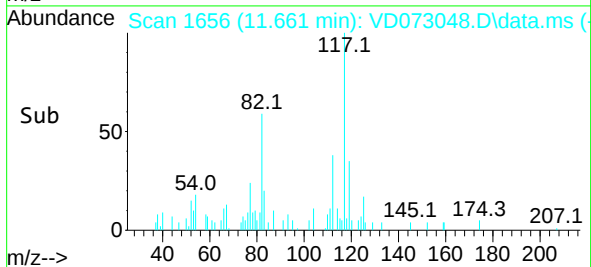
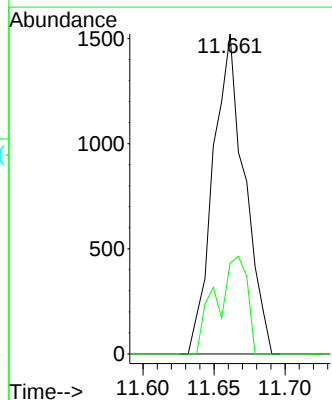
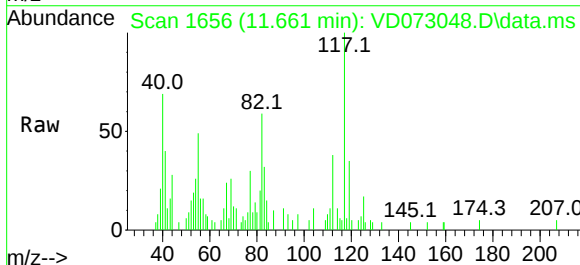
Acq: 16 May 2022 21:31

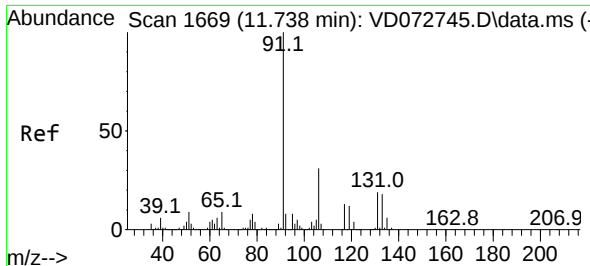
Tgt Ion:112 Resp: 2347

Ion Ratio Lower Upper

112 100

114 28.4 25.8 38.6

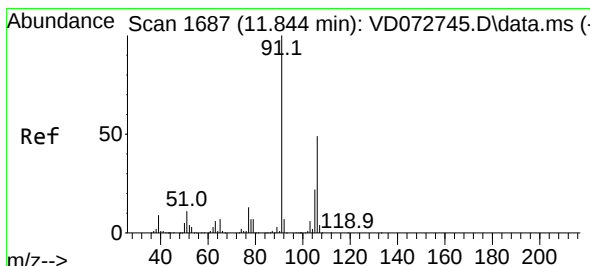
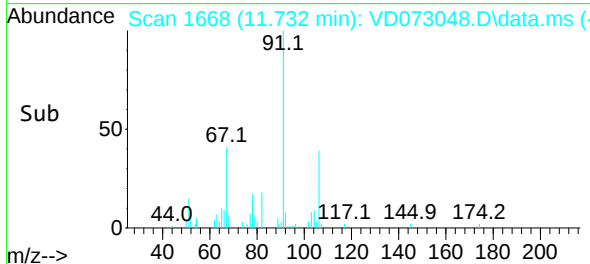
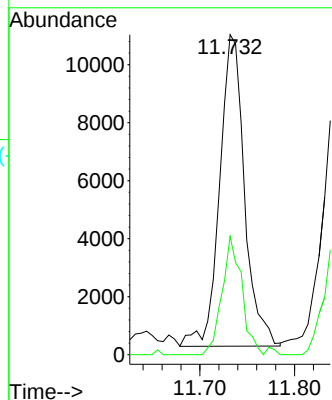
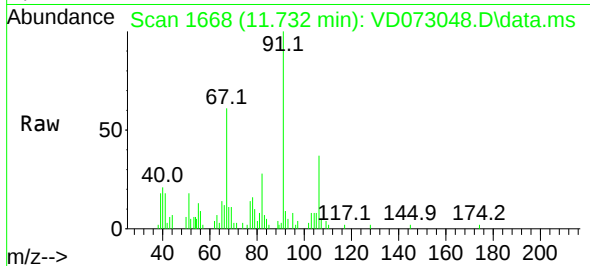




#67
Ethyl Benzene
Concen: 5.425 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

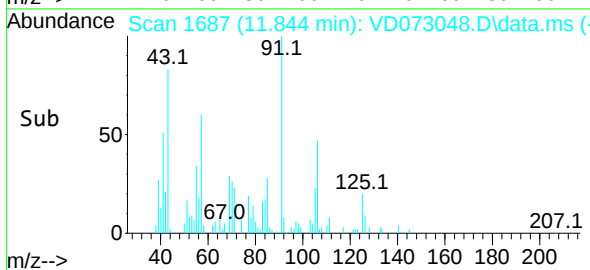
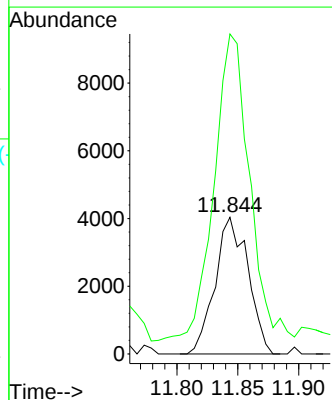
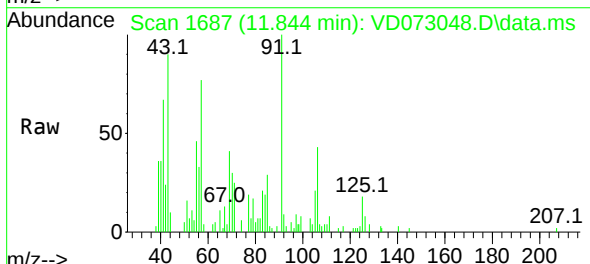
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

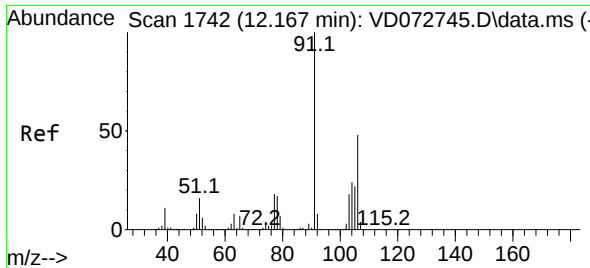
Tgt Ion: 91 Resp: 19666
Ion Ratio Lower Upper
91 100
106 38.0 24.2 36.4#



#68
m/p-Xylenes
Concen: 5.454 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

Tgt Ion: 106 Resp: 7617
Ion Ratio Lower Upper
106 100
91 245.9 163.7 245.5#

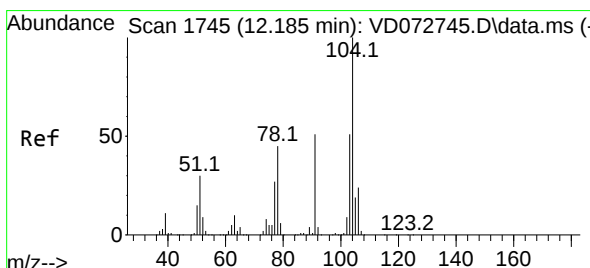
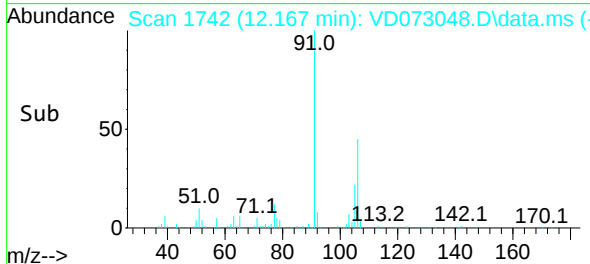
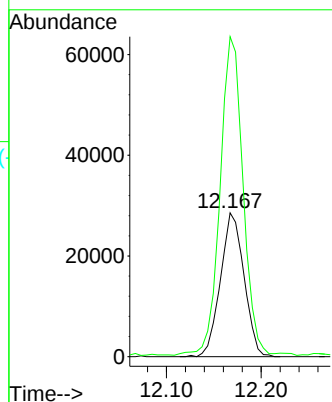
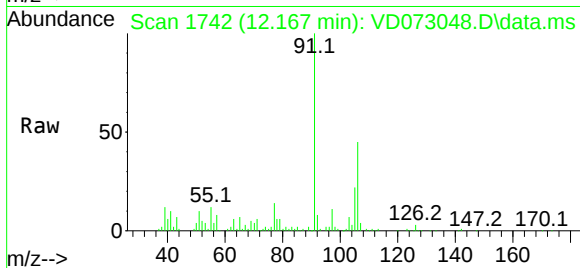




#69
o-Xylene
Concen: 37.862 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

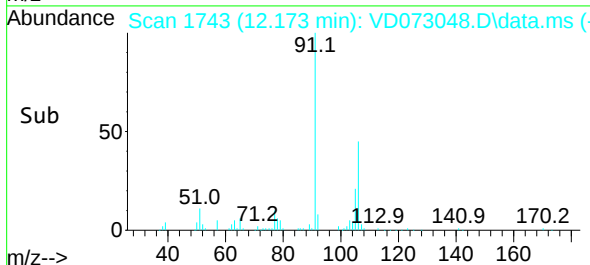
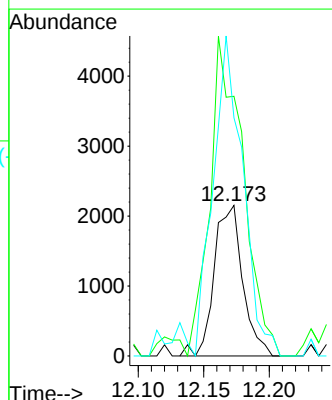
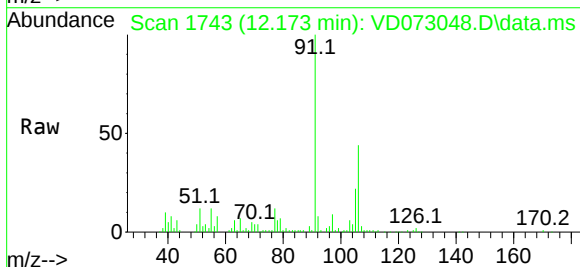
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

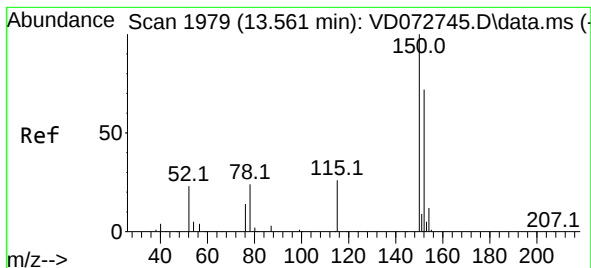
Tgt Ion:106 Resp: 49380
Ion Ratio Lower Upper
106 100
91 214.2 110.4 331.2



#70
Styrene
Concen: 1.439 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.012 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

Tgt Ion:104 Resp: 3252
Ion Ratio Lower Upper
104 100
78 247.0 41.8 62.8#
103 238.5 44.2 66.4#

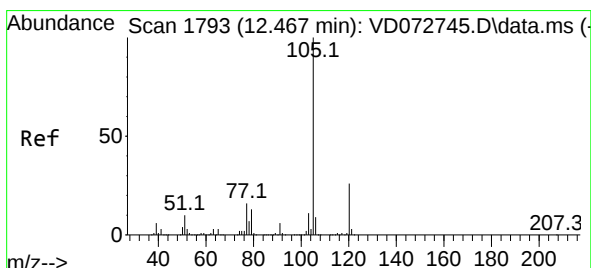
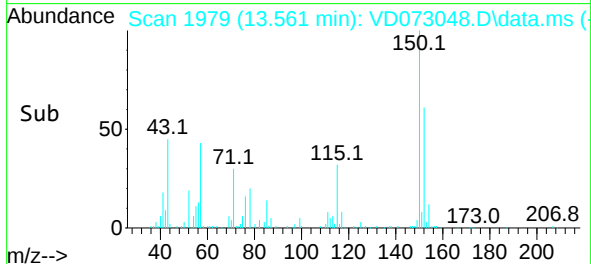
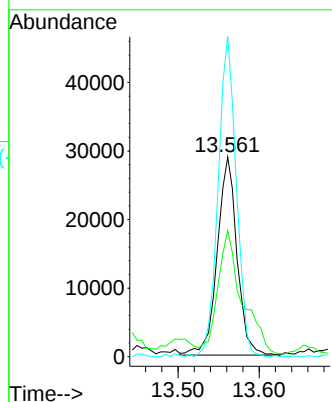
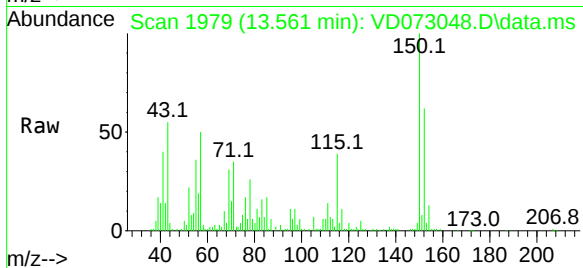




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

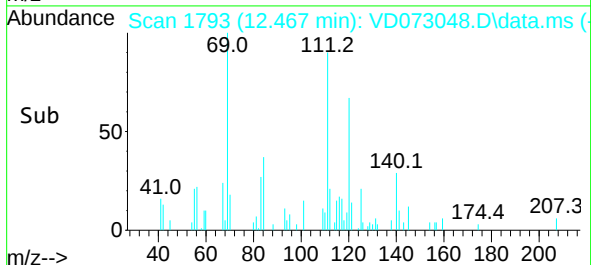
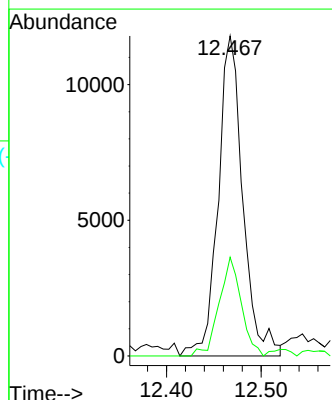
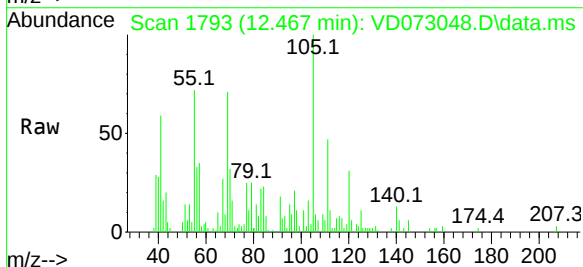
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

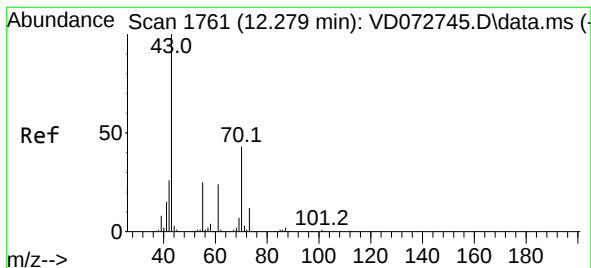
Tgt Ion:152 Resp: 48746
Ion Ratio Lower Upper
152 100
115 77.2 31.3 93.8
150 149.5 0.0 348.6



#73
Isopropylbenzene
Concen: 5.634 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

Tgt Ion:105 Resp: 21369
Ion Ratio Lower Upper
105 100
120 27.7 13.0 38.9





#74

N-amy1 acetate

Concen: 41.912 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.024 min

Lab File: VD073048.D

Acq: 16 May 2022 21:31

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-TP-5R

Tgt Ion: 43 Resp: 39585

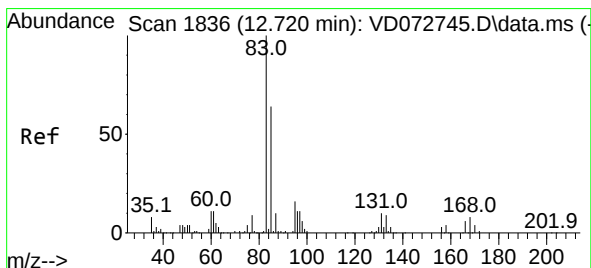
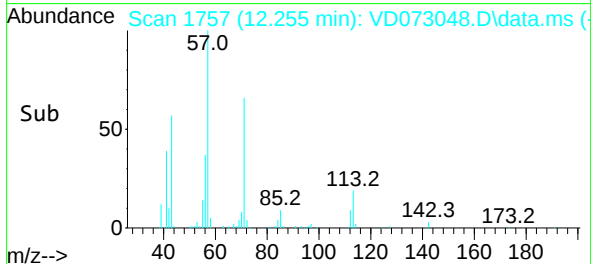
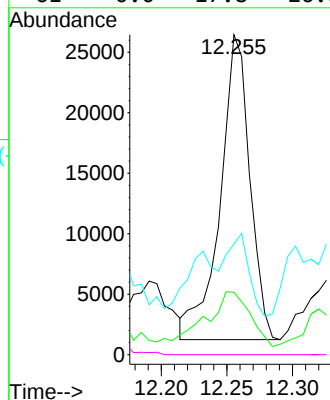
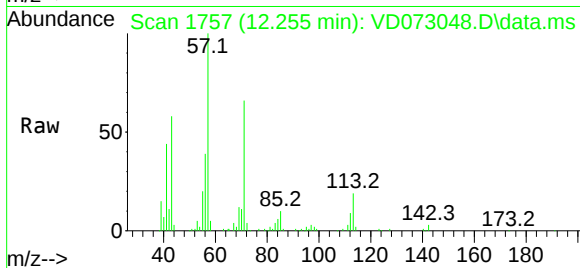
Ion Ratio Lower Upper

43 100

70 27.3 31.3 46.9#

55 20.1 20.0 30.0

61 0.0 17.8 26.8#



#75

1,1,2,2-Tetrachloroethane

Concen: 6.423 ug/l

RT: 12.691 min Scan# 1831

Delta R.T. -0.029 min

Lab File: VD073048.D

Acq: 16 May 2022 21:31

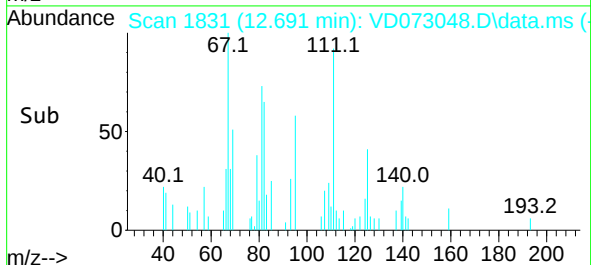
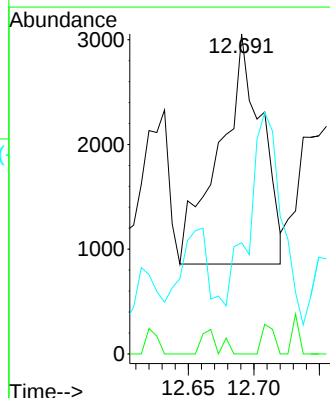
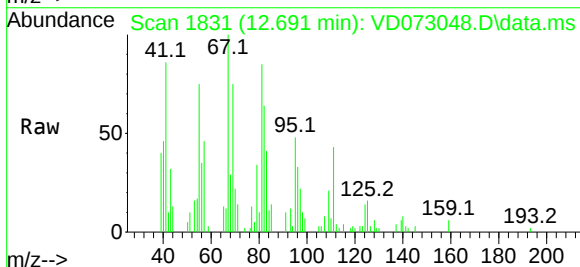
Tgt Ion: 83 Resp: 4917

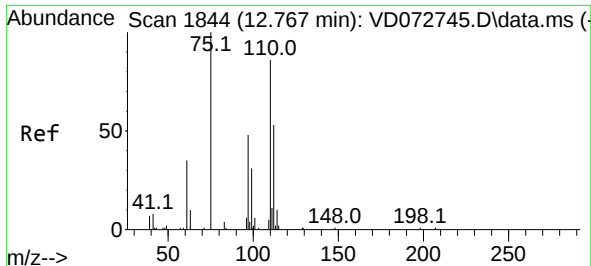
Ion Ratio Lower Upper

83 100

131 3.7 5.0 14.9#

85 71.8 32.6 98.0

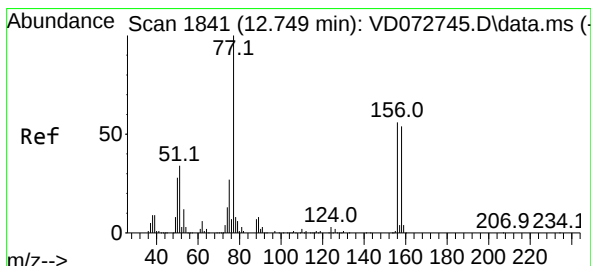
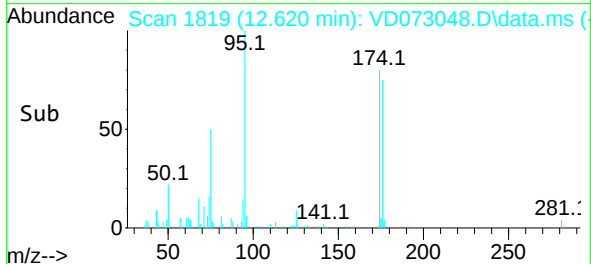
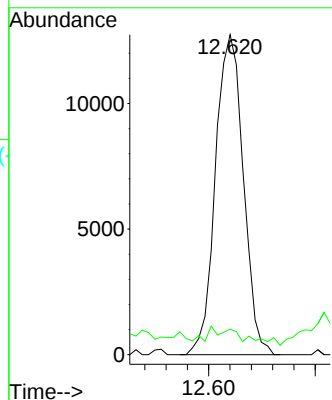
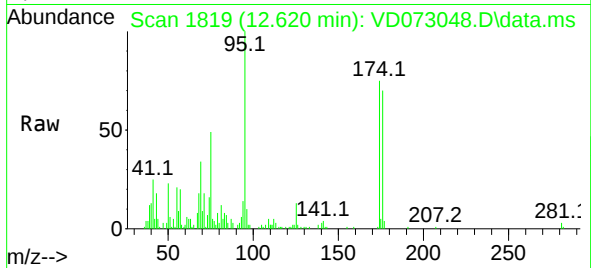




#76
1,2,3-Trichloropropane
Concen: 42.554 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

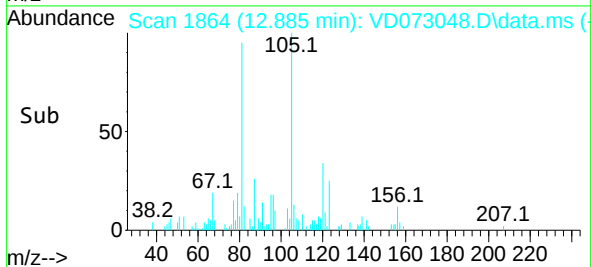
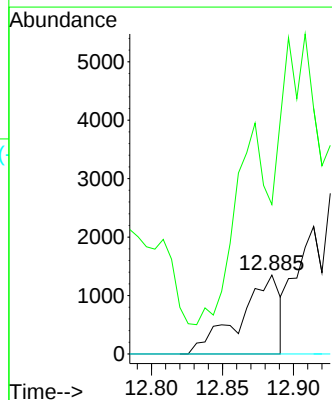
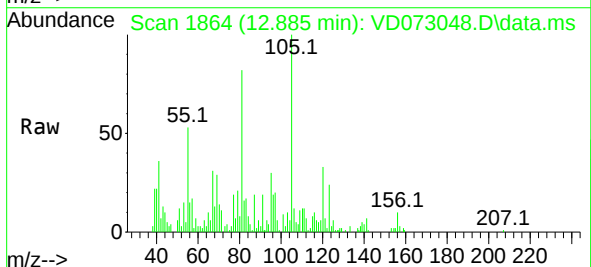
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

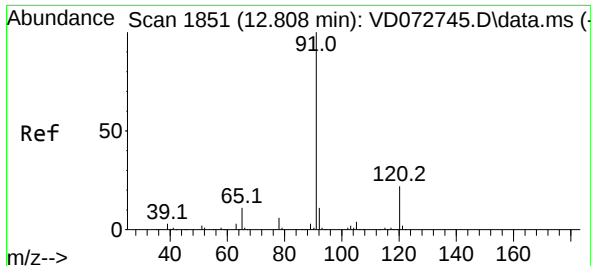
Tgt Ion: 75 Resp: 23130
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 2.946 ug/l
RT: 12.885 min Scan# 1864
Delta R.T. 0.136 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

Tgt Ion: 156 Resp: 2653
Ion Ratio Lower Upper
156 100
77 210.7 102.8 308.3
158 0.0 48.7 146.1#

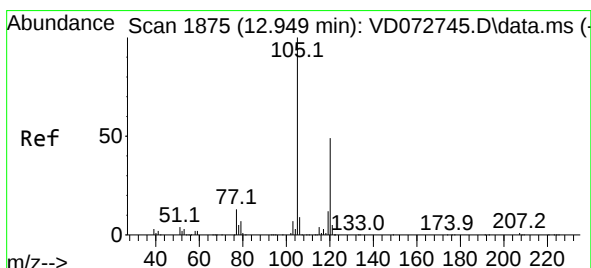
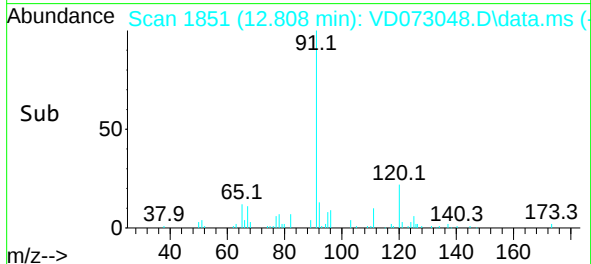
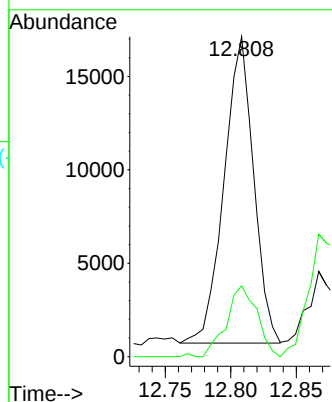
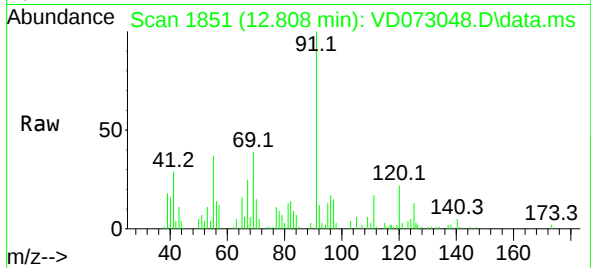




#78
n-propylbenzene
Concen: 5.373 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

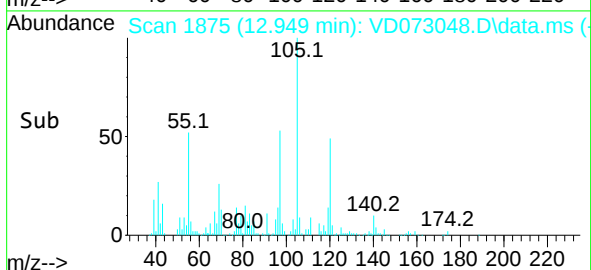
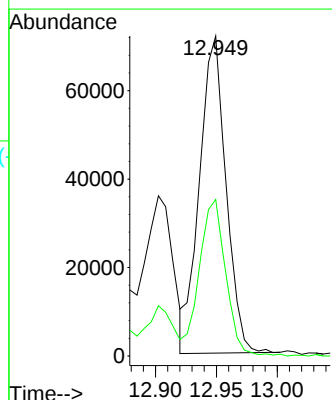
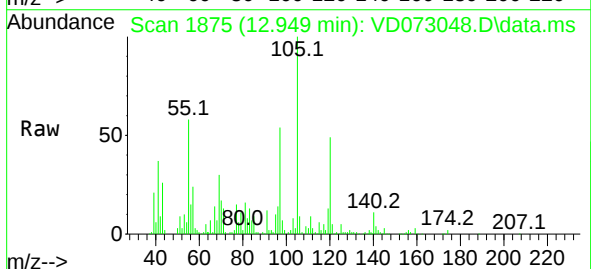
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

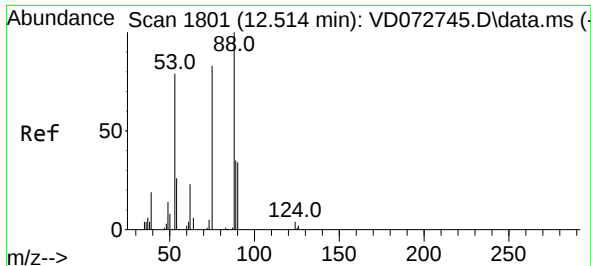
Tgt Ion: 91 Resp: 25681
Ion Ratio Lower Upper
91 100
120 24.0 10.9 32.9



#80
1,3,5-Trimethylbenzene
Concen: 33.849 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

Tgt Ion: 105 Resp: 108852
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.8

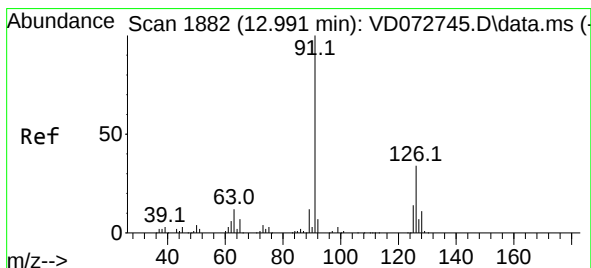
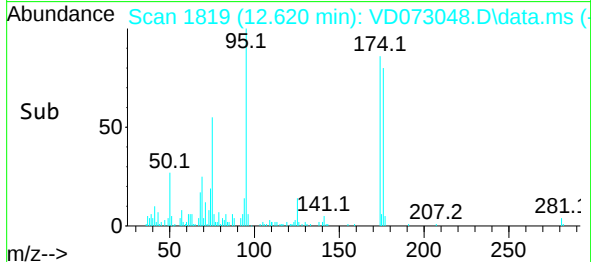
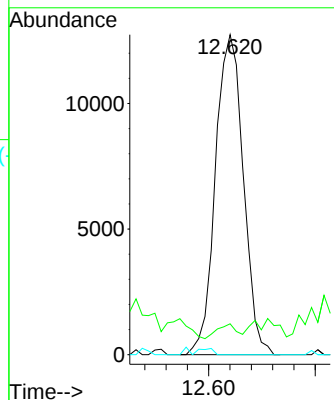
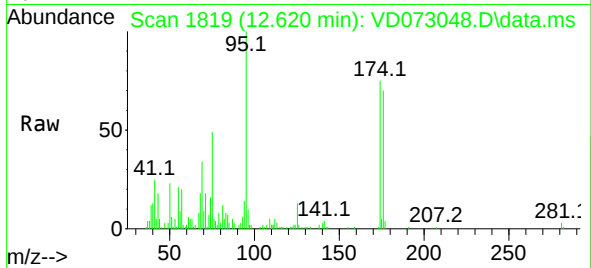




#81
trans-1,4-Dichloro-2-butene
Concen: 97.856 ug/l
RT: 12.620 min Scan# 1801
Delta R.T. 0.106 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

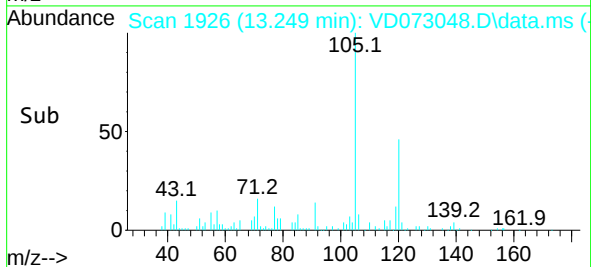
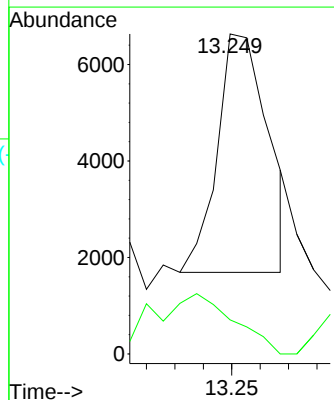
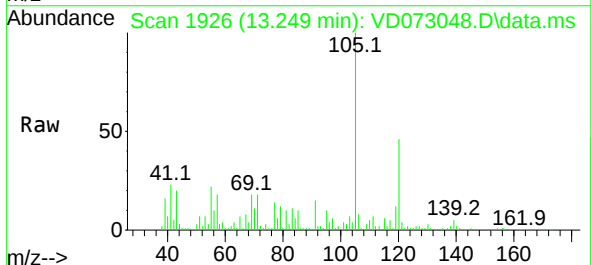
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

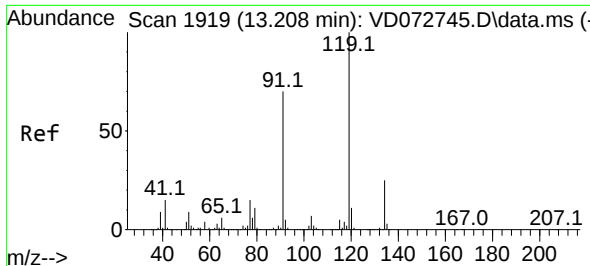
Tgt Ion: 75 Resp: 23130
Ion Ratio Lower Upper
75 100
53 3.2 86.5 129.7#
89 1.0 33.9 50.9#



#82
4-Chlorotoluene
Concen: 2.115 ug/l
RT: 13.249 min Scan# 1926
Delta R.T. 0.258 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

Tgt Ion: 91 Resp: 6170
Ion Ratio Lower Upper
91 100
126 42.7 16.5 49.5

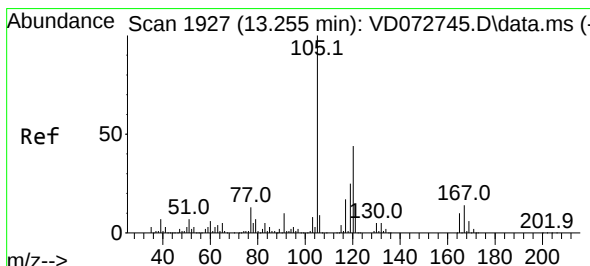
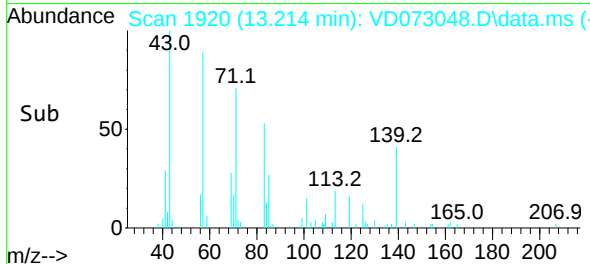
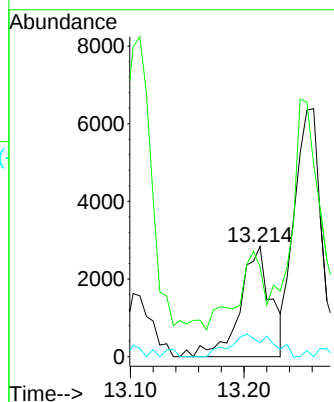
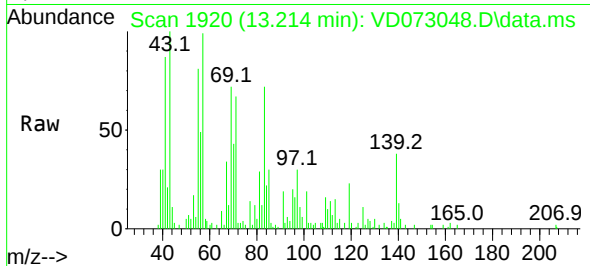




#83
tert-Butylbenzene
Concen: 1.959 ug/l
RT: 13.214 min Scan# 1919
Delta R.T. 0.006 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

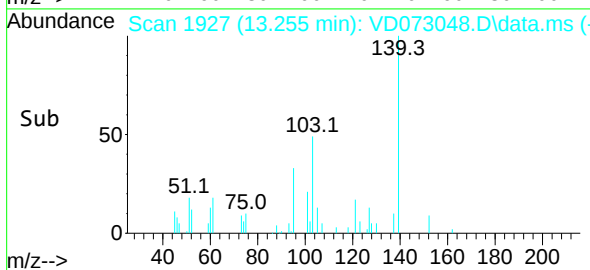
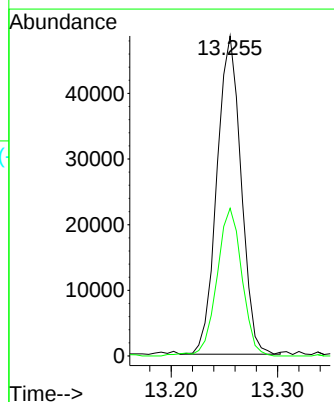
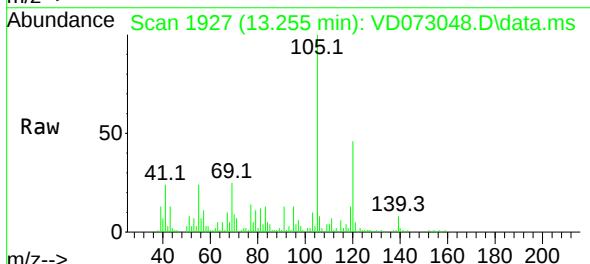
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

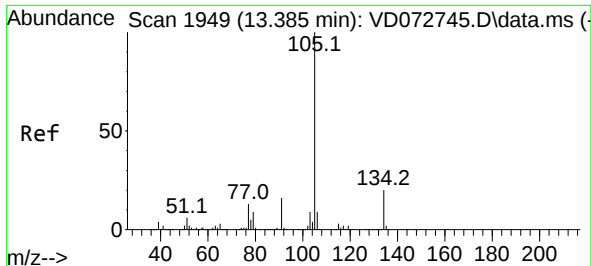
Tgt Ion:119 Resp: 5356
Ion Ratio Lower Upper
119 100
91 49.6 34.8 104.5
134 27.7 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 23.768 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

Tgt Ion:105 Resp: 76401
Ion Ratio Lower Upper
105 100
120 48.0 22.3 66.8

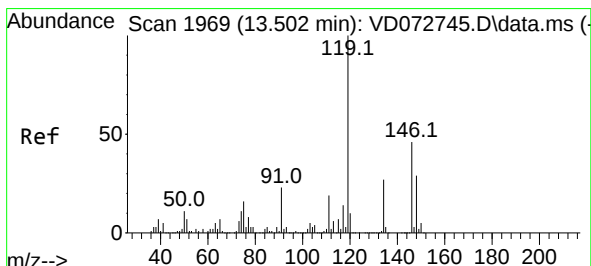
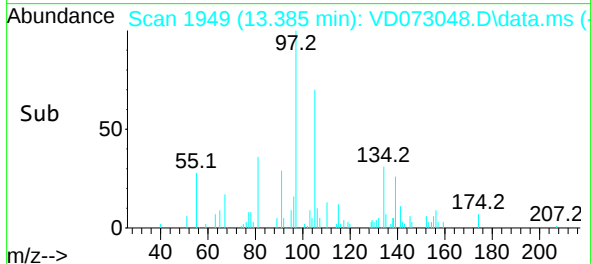
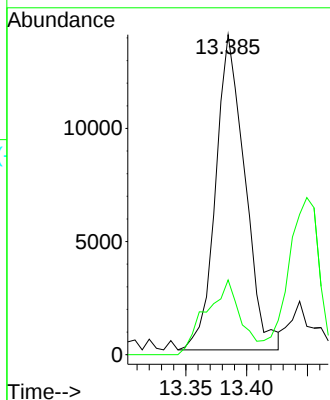
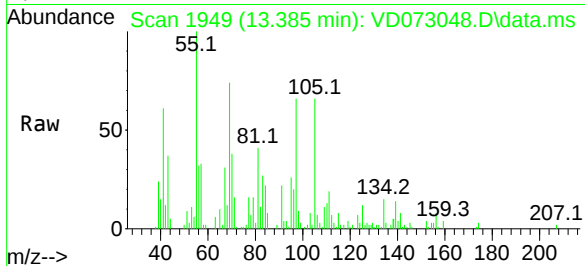




#85
 sec-Butylbenzene
 Concen: 5.652 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VD073048.D
 Acq: 16 May 2022 21:31

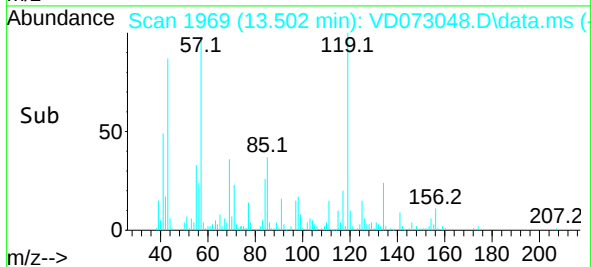
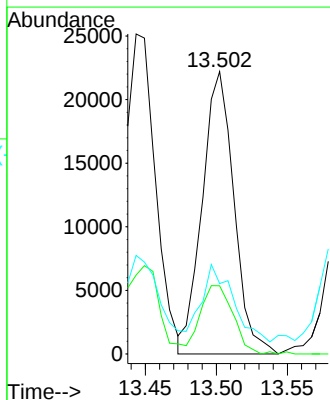
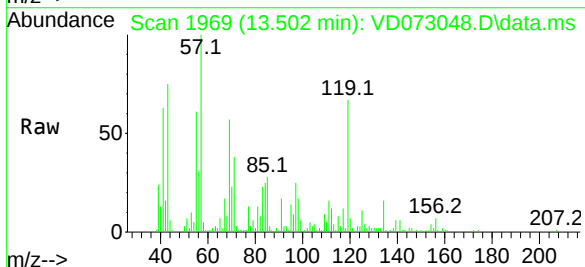
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-TP-5R

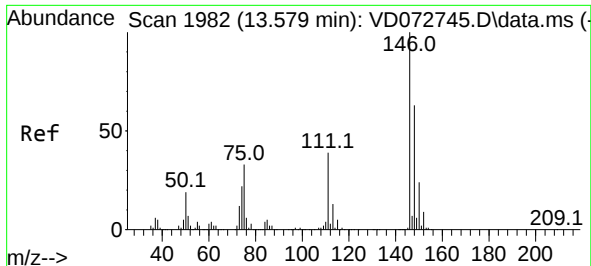
Tgt Ion:105 Resp: 23305
 Ion Ratio Lower Upper
 105 100
 134 27.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 10.217 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073048.D
 Acq: 16 May 2022 21:31

Tgt Ion:119 Resp: 34541
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.9 38.6
 91 27.0 12.1 36.3

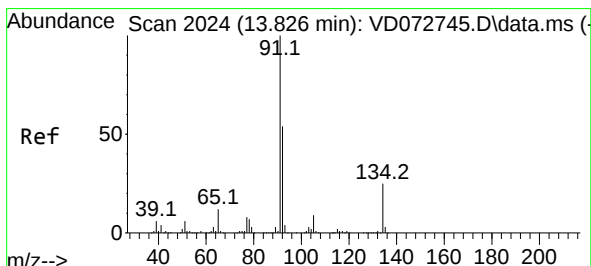
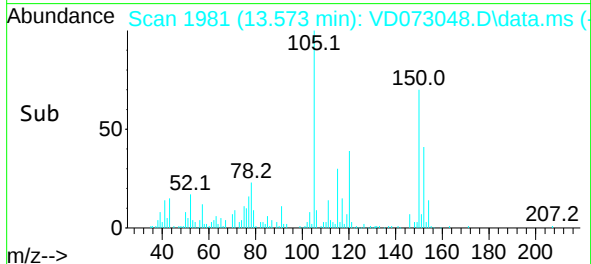
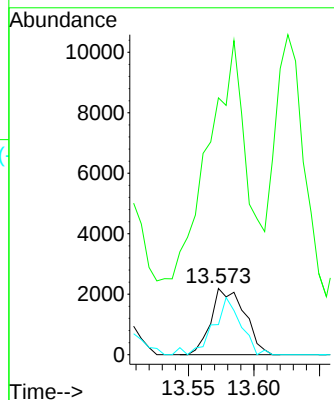
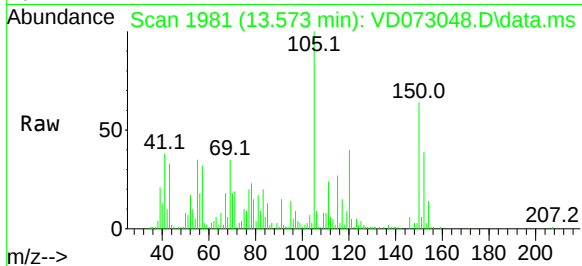




#88
1,4-Dichlorobenzene
Concen: 2.165 ug/l
RT: 13.573 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

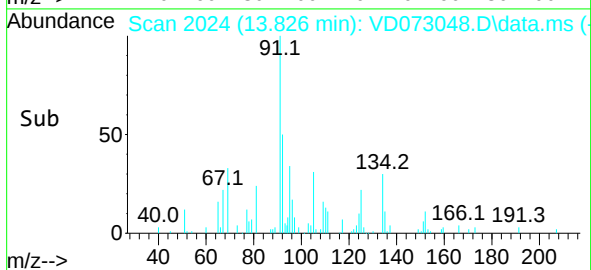
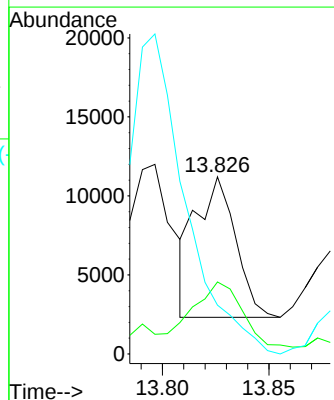
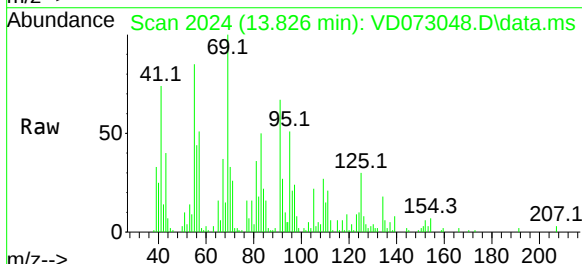
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

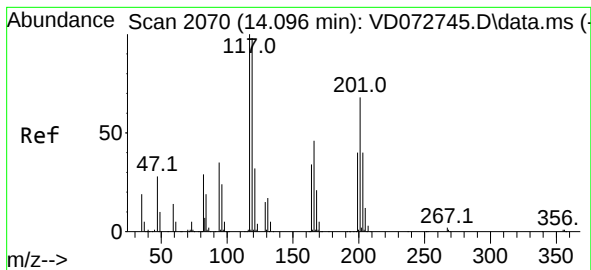
Tgt Ion:146 Resp: 3912
Ion Ratio Lower Upper
146 100
111 398.2 20.3 60.9#
148 69.8 31.7 95.1



#89
n-Butylbenzene
Concen: 3.524 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

Tgt Ion: 91 Resp: 11541
Ion Ratio Lower Upper
91 100
92 60.2 26.6 79.8
134 0.0 12.3 36.9#





#90

Hexachloroethane

Concen: 13.711 ug/l

RT: 14.102 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VD073048.D

Acq: 16 May 2022 21:31

Instrument :

MSVOA_D

ClientSampleId :

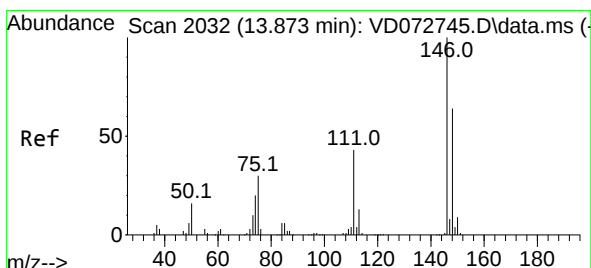
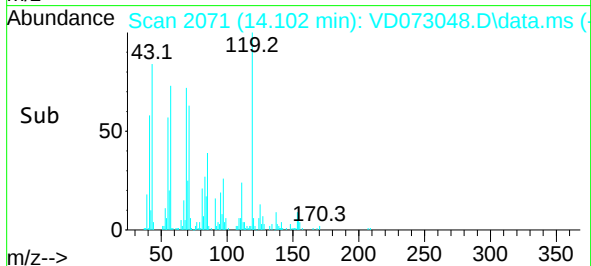
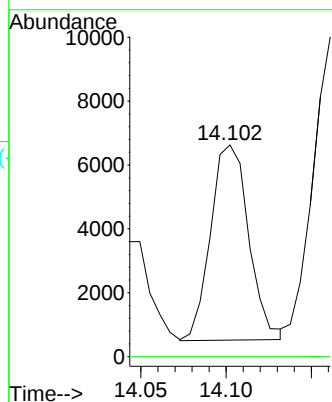
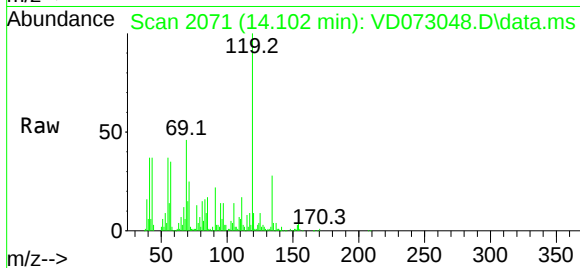
WC-14A-TP-5R

Tgt Ion:117 Resp: 9496

Ion Ratio Lower Upper

117 100

201 0.0 33.4 100.2#



#91

1,2-Dichlorobenzene

Concen: 7.513 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD073048.D

Acq: 16 May 2022 21:31

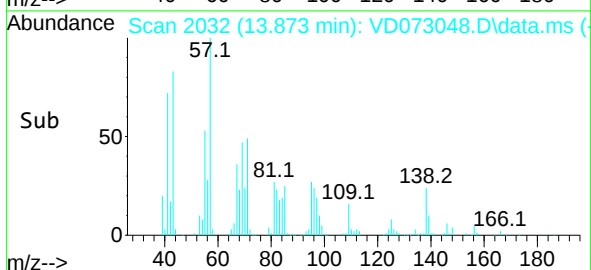
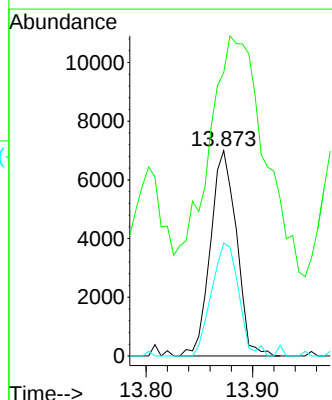
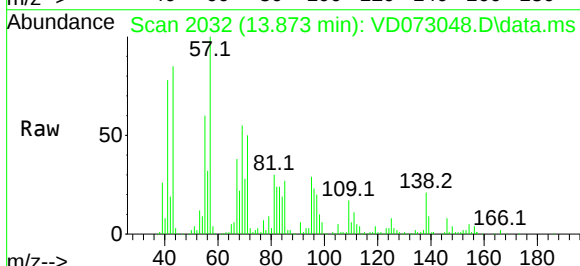
Tgt Ion:146 Resp: 11879

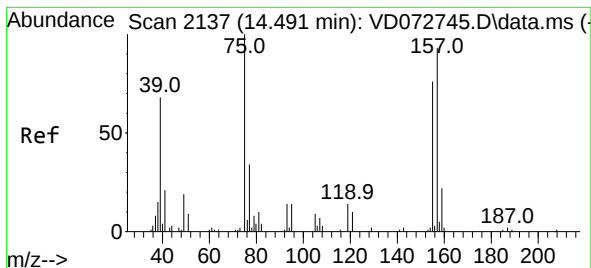
Ion Ratio Lower Upper

146 100

111 290.8 21.1 63.3#

148 57.1 31.7 95.1

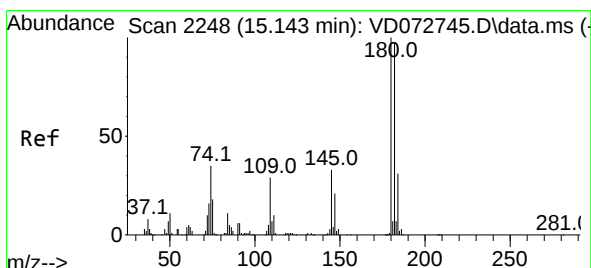
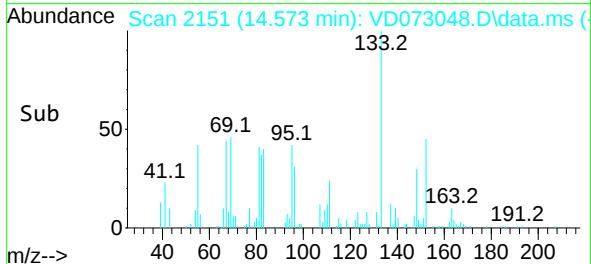
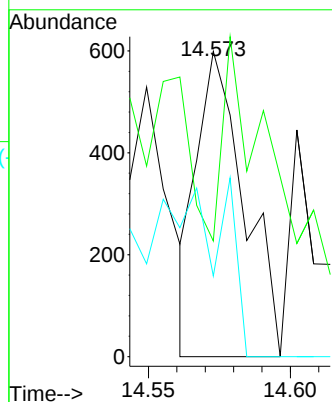
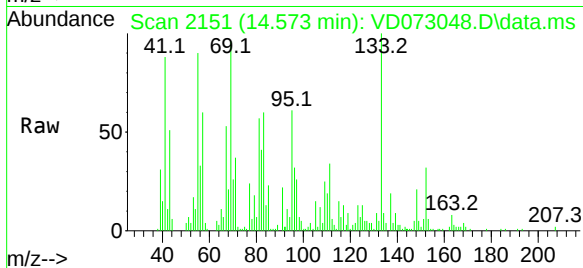




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.727 ug/l
 RT: 14.573 min Scan# 2137
 Delta R.T. 0.082 min
 Lab File: VD073048.D
 Acq: 16 May 2022 21:31

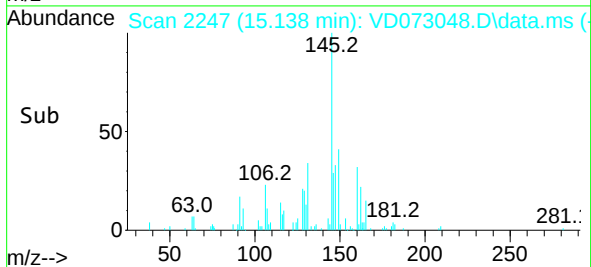
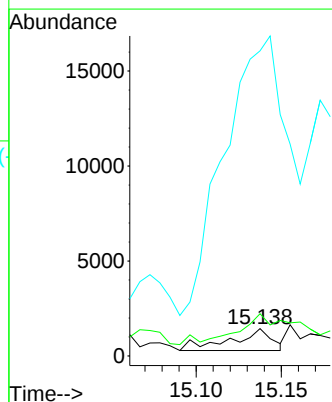
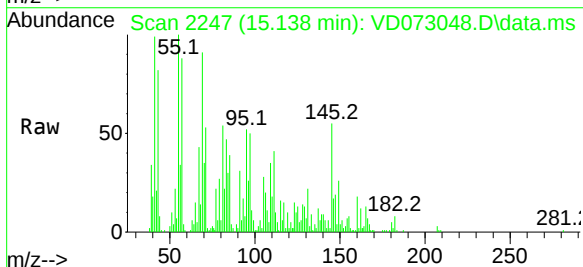
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-TP-5R

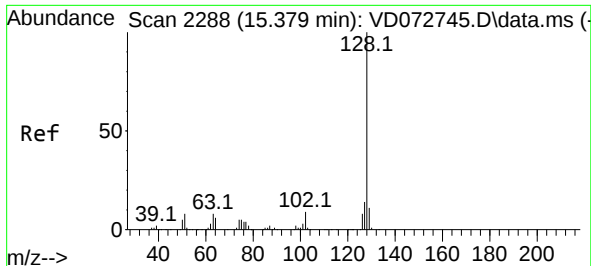
Tgt Ion: 75 Resp: 695
 Ion Ratio Lower Upper
 75 100
 155 69.6 36.8 110.3
 157 71.2 48.4 145.0



#93
 1,2,4-Trichlorobenzene
 Concen: 2.048 ug/l
 RT: 15.138 min Scan# 2247
 Delta R.T. -0.005 min
 Lab File: VD073048.D
 Acq: 16 May 2022 21:31

Tgt Ion: 180 Resp: 1918
 Ion Ratio Lower Upper
 180 100
 182 173.9 47.3 142.0#
 145 2384.9 16.2 48.5#

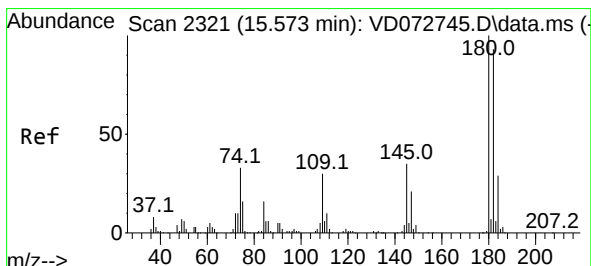
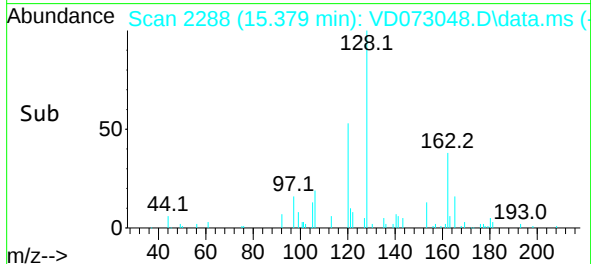
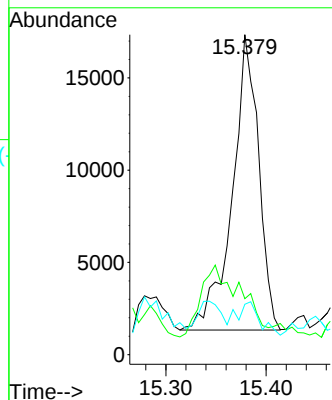
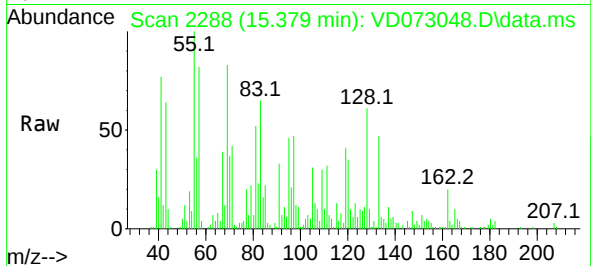




#95
Naphthalene
Concen: 17.011 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

Tgt Ion:128 Resp: 29287
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 9.8 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 3.970 ug/l
RT: 15.543 min Scan# 2316
Delta R.T. -0.030 min
Lab File: VD073048.D
Acq: 16 May 2022 21:31

Tgt Ion:180 Resp: 3295
Ion Ratio Lower Upper
180 100
182 45.3 47.6 142.9#
145 588.4 17.1 51.3#

