

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
 Data File : VD072193.D
 Acq On : 15 Mar 2022 17:14
 Operator : VA/SY
 Sample : N1905-07
 Misc : 4.36G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-1A-4-(3.5-4.0)

Quant Time: Mar 16 01:01:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	497619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	912322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	870249	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	474435	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	278082	50.144	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.280%	
35) Dibromofluoromethane	7.914	113	281612	43.864	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 87.720%	
50) Toluene-d8	10.338	98	3501395	149.154	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 298.300%#	
62) 4-Bromofluorobenzene	12.620	95	993912	108.965	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 217.940%#	

Target Compounds			Qvalue			
10) Methyl Iodide	4.297	142	1728	2.551	ug/l #	66
11) Tert butyl alcohol	5.179	59	12989	40.396	ug/l #	74
13) Acrolein	4.138	56	75202	262.100	ug/l #	78
14) Allyl chloride	4.950	41	525455	65.712	ug/l #	59
15) Acrylonitrile	5.491	53	166411	133.938	ug/l #	40
16) Acetone	4.144	43	232403	193.013	ug/l #	67
17) Carbon Disulfide	4.409	76	118001	12.231	ug/l	100
18) Methyl Acetate	4.950	43	1318432	446.816	ug/l #	55
20) Methylene Chloride	4.926	84	7548	Below Cal	#	1
25) 2-Butanone	7.203	43	181152	112.838	ug/l #	57
29) Tetrahydrofuran	7.561	42	3100	3.284	ug/l #	38
30) Chloroform	7.661	83	21535	1.879	ug/l #	17
31) Cyclohexane	7.985	56	757904	87.474	ug/l	95
36) 1,1-Dichloropropene	7.979	75	40449	4.491	ug/l #	76
37) Ethyl Acetate	7.203	43	181152	45.917	ug/l #	76
38) Carbon Tetrachloride	7.979	117	49542	4.839	ug/l #	16
39) Methylcyclohexane	9.355	83	14088666	1390.099	ug/l	95
40) Benzene	8.350	78	114244	4.446	ug/l	98
41) Methacrylonitrile	7.561	41	11463	4.985	ug/l #	53
42) 1,2-Dichloroethane	8.461	62	25751	3.304	ug/l #	1
43) Isopropyl Acetate	8.450	43	2507961	327.516	ug/l #	54
45) 1,2-Dichloropropane	9.355	63	174164	24.715	ug/l #	1
47) Bromodichloromethane	9.626	83	481316	47.630	ug/l #	45
48) Methyl methacrylate	9.402	41	1582791	432.884	ug/l #	37
49) 1,4-Dioxane	9.385	88	72	1.732	ug/l #	1
51) 4-Methyl-2-Pentanone	10.232	43	131820	32.775	ug/l #	39
52) Toluene	10.397	92	28544	1.688	ug/l #	14
55) 1,1,2-Trichloroethane	10.773	97	6404437	1212.855	ug/l #	21
56) Ethyl methacrylate	10.638	69	2580137	417.164	ug/l #	74
58) 2-Chloroethyl Vinyl ether	9.955	63	8173	2.939	ug/l #	55
59) 2-Hexanone	10.949	43	9662519	3478.463	ug/l #	32
60) Dibromochloromethane	11.061	129	22275	3.251	ug/l	67
61) 1,2-Dibromoethane	11.249	107	5672	1.189	ug/l #	3
65) Chlorobenzene	11.673	112	36665	1.900	ug/l #	72
67) Ethyl Benzene	11.738	91	187878	5.452	ug/l	96
68) m/p-Xylenes	11.849	106	125372	9.582	ug/l #	56

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

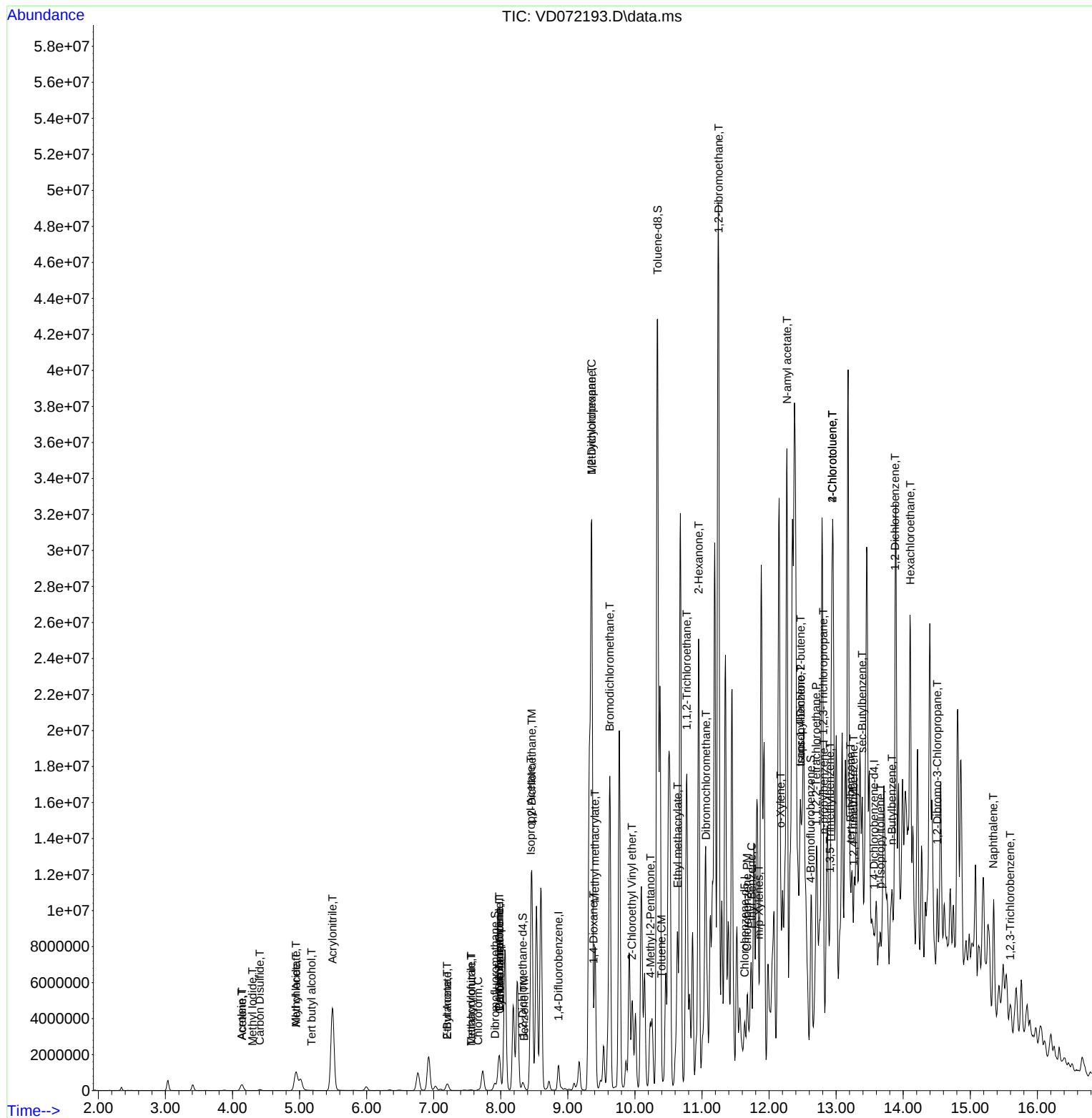
69) o-Xylene	12.173	106	57216	4.572	ug/l #	1
73) Isopropylbenzene	12.473	105	2598988	69.128	ug/l	100
74) N-amyl acetate	12.267	43	7618847	942.982	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	12.702	83	594057	88.348	ug/l #	90
76) 1,2,3-Trichloropropane	12.808	75	25783	4.927	ug/l #	100
78) n-propylbenzene	12.814	91	3444877	75.435	ug/l	99
79) 2-Chlorotoluene	12.943	91	105426	3.992	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.908	105	142257	4.404	ug/l	66
81) trans-1,4-Dichloro-2-b...	12.473	75	31849	15.099	ug/l #	1
82) 4-Chlorotoluene	12.943	91	105426	3.856	ug/l #	1
83) tert-Butylbenzene	13.214	119	269045	9.501	ug/l	82
84) 1,2,4-Trimethylbenzene	13.261	105	126369	3.971	ug/l	97
85) sec-Butylbenzene	13.390	105	2222717	52.269	ug/l #	70
86) p-Isopropyltoluene	13.661	119	765400	21.873	ug/l	89
89) n-Butylbenzene	13.832	91	1641372	49.211	ug/l #	78
90) Hexachloroethane	14.108	117	696728	101.588	ug/l #	17
91) 1,2-Dichlorobenzene	13.879	146	68074	4.403	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.508	75	11173	10.412	ug/l #	6
95) Naphthalene	15.343	128	88445	5.012	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.596	180	25272	2.852	ug/l #	12

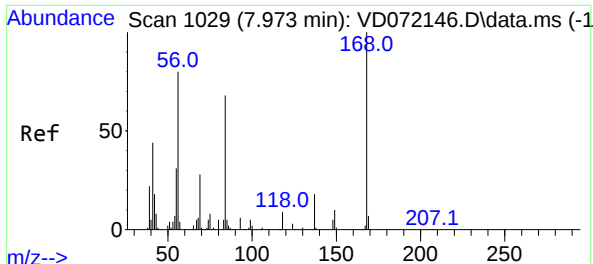
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD072193.D

Acq: 15 Mar 2022 17:14

Instrument :

MSVOA_D

ClientSampleId :

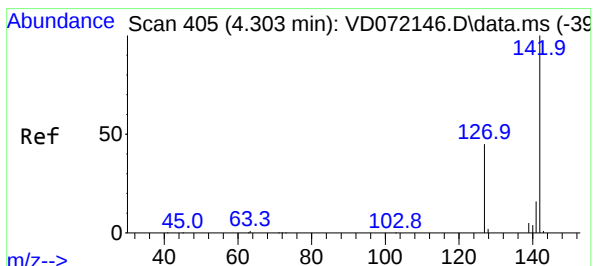
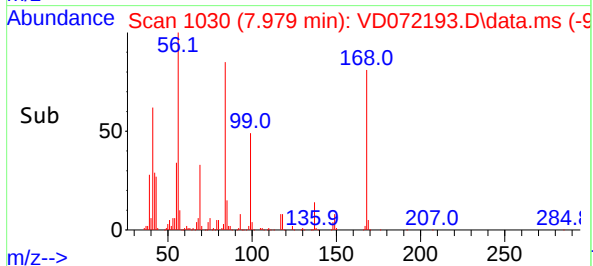
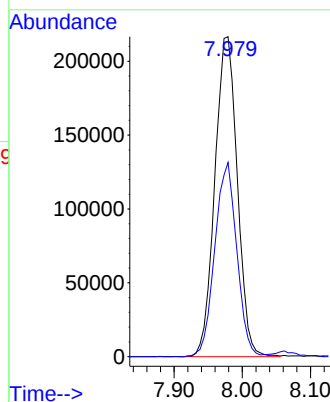
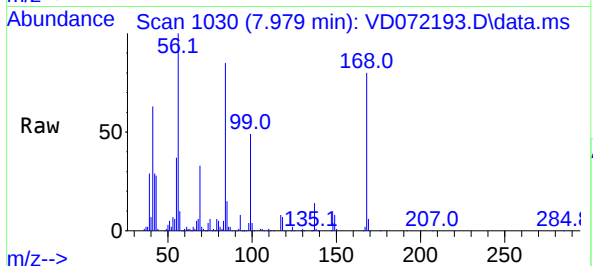
WC-14A-1A-4(3.5-4.0)

Tgt Ion:168 Resp: 497619

Ion Ratio Lower Upper

168 100

99 60.7 49.8 74.6



#10

Methyl Iodide

Concen: 2.551 ug/l

RT: 4.297 min Scan# 404

Delta R.T. -0.006 min

Lab File: VD072193.D

Acq: 15 Mar 2022 17:14

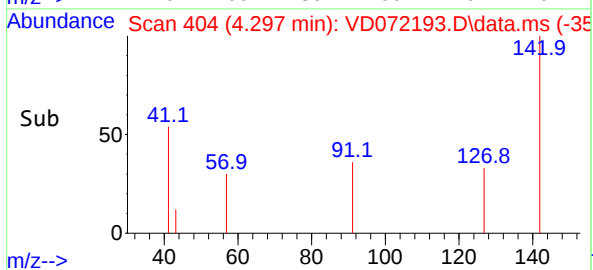
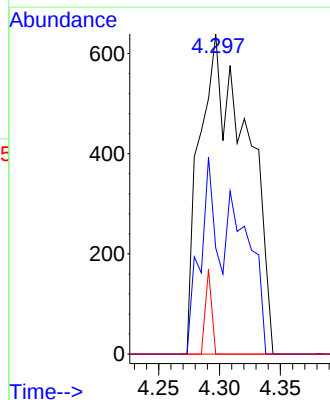
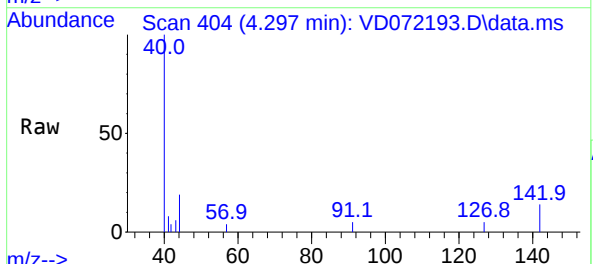
Tgt Ion:142 Resp: 1728

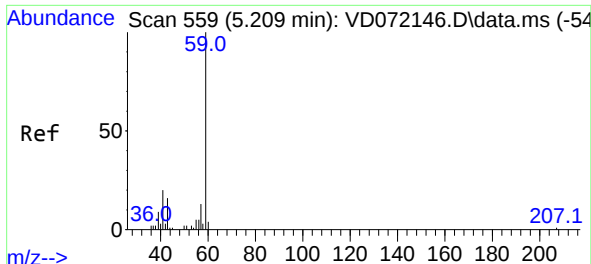
Ion Ratio Lower Upper

142 100

127 22.9 37.3 55.9#

141 3.5 11.7 17.5#

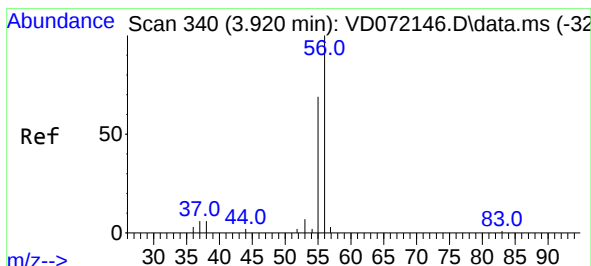
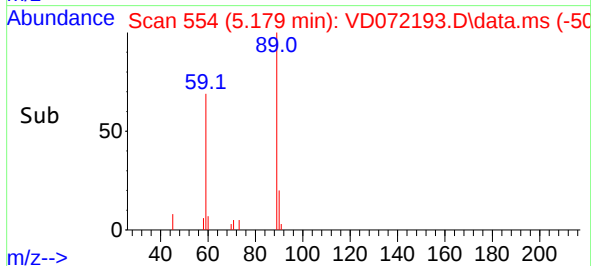
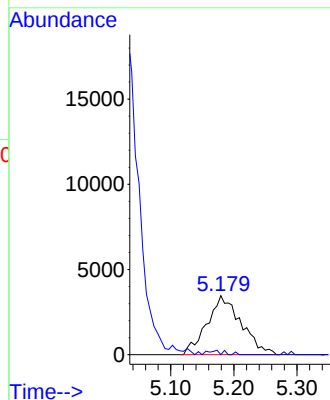
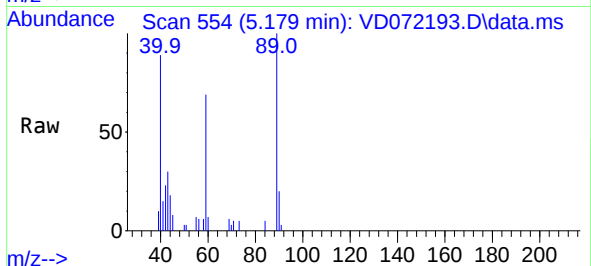




#11
Tert butyl alcohol
Concen: 40.396 ug/l
RT: 5.179 min Scan# 511
Delta R.T. -0.029 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

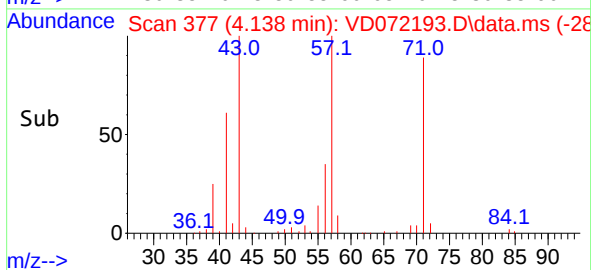
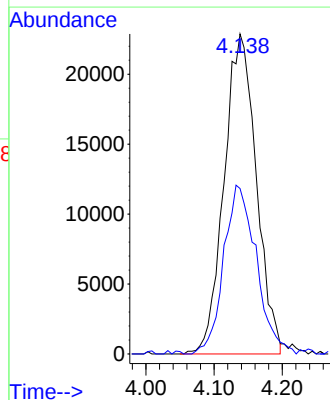
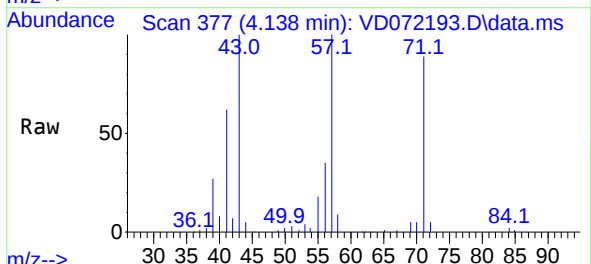
Instrument :
MSVOA_D
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WC-14A-1A-4(3.5-4.0)

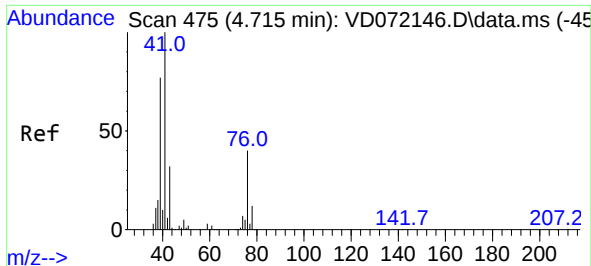
Tgt Ion: 59 Resp: 12989
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#13
Acrolein
Concen: 262.100 ug/l
RT: 4.138 min Scan# 377
Delta R.T. 0.218 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

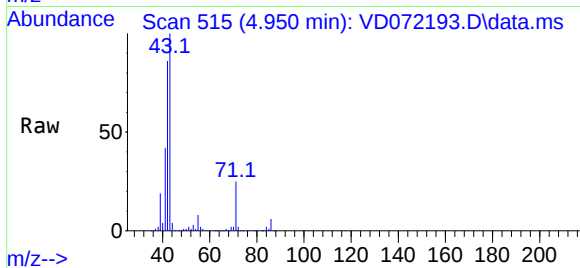
Tgt Ion: 56 Resp: 75202
Ion Ratio Lower Upper
56 100
55 52.9 57.1 85.7#



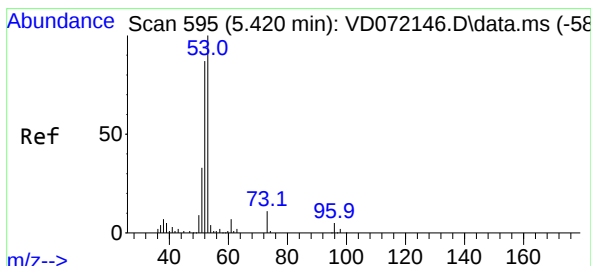
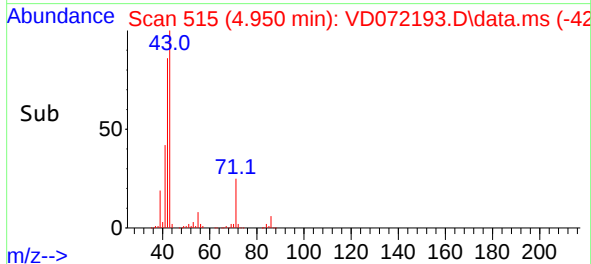
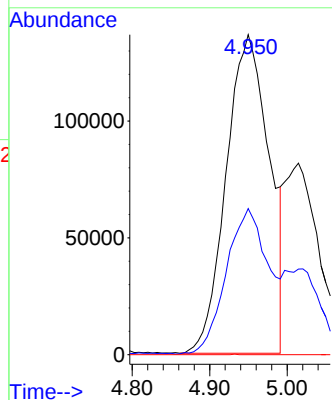


#14
 Allyl chloride
 Concen: 65.712 ug/l
 RT: 4.950 min Scan# 515
 Delta R.T. 0.235 min
 Lab File: VD072193.D
 Acq: 15 Mar 2022 17:14

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-1A-4-(3.5-4.0)

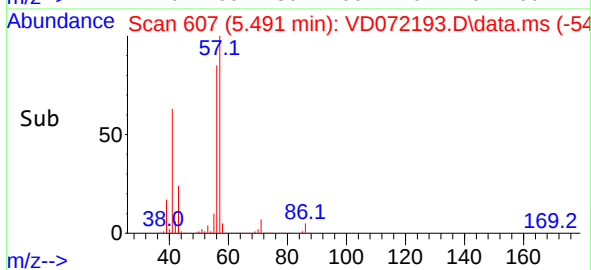
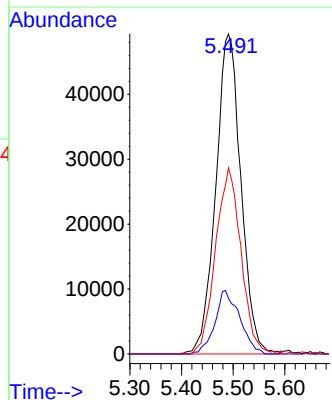
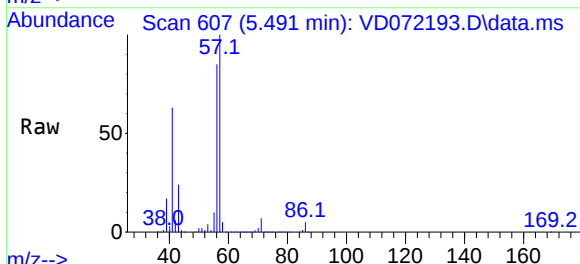


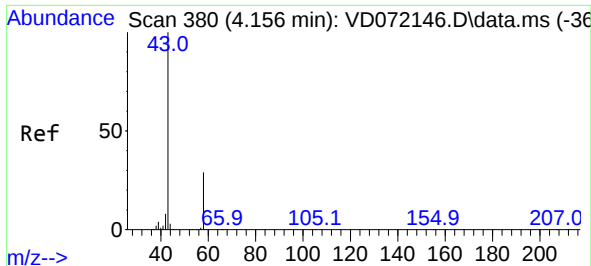
Tgt Ion: 41 Resp: 525455
 Ion Ratio Lower Upper
 41 100
 39 45.1 59.3 88.9#
 76 0.0 25.7 38.5#



#15
 Acrylonitrile
 Concen: 133.938 ug/l
 RT: 5.491 min Scan# 607
 Delta R.T. 0.071 min
 Lab File: VD072193.D
 Acq: 15 Mar 2022 17:14

Tgt Ion: 53 Resp: 166411
 Ion Ratio Lower Upper
 53 100
 52 19.6 67.2 100.8#
 51 58.9 30.3 45.5#

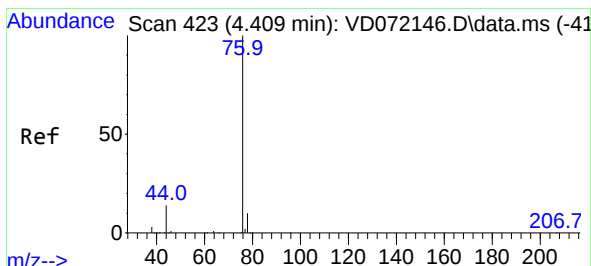
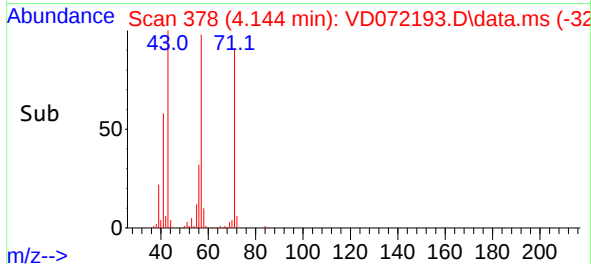
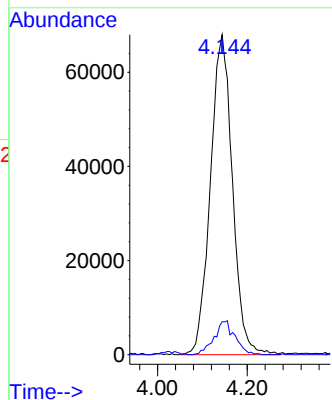
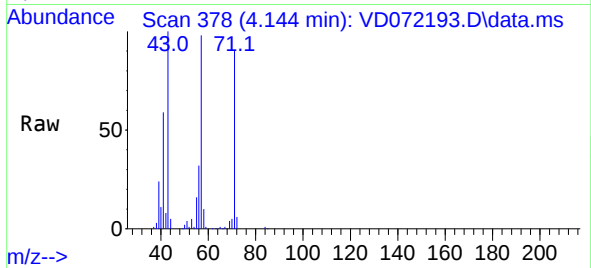




#16
Acetone
Concen: 193.013 ug/l
RT: 4.144 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

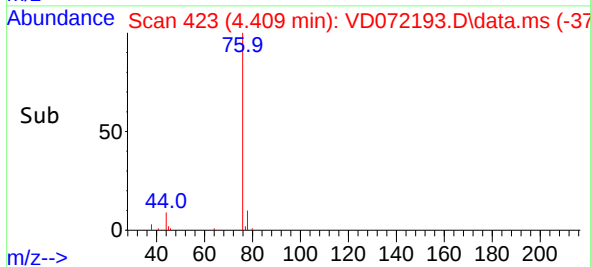
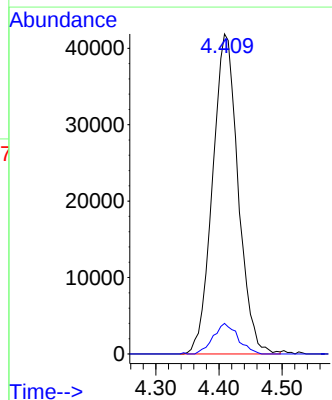
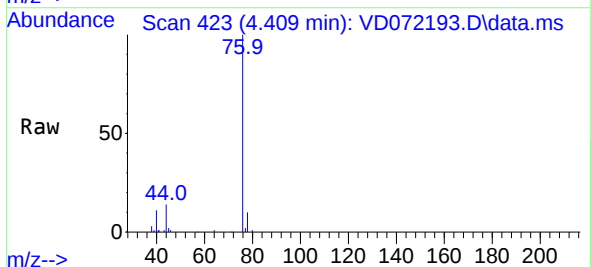
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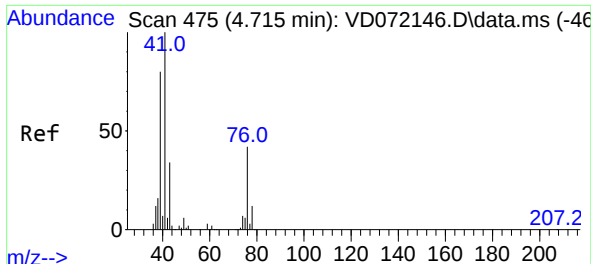
Tgt Ion: 43 Resp: 232403
Ion Ratio Lower Upper
43 100
58 10.3 22.1 33.1#



#17
Carbon Disulfide
Concen: 12.231 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

Tgt Ion: 76 Resp: 118001
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3

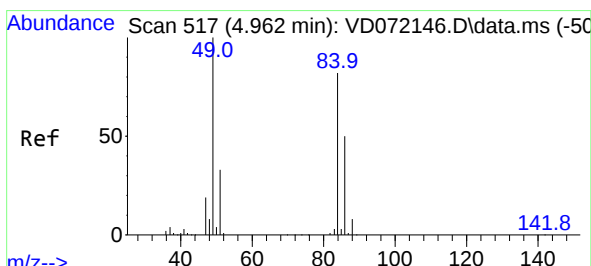
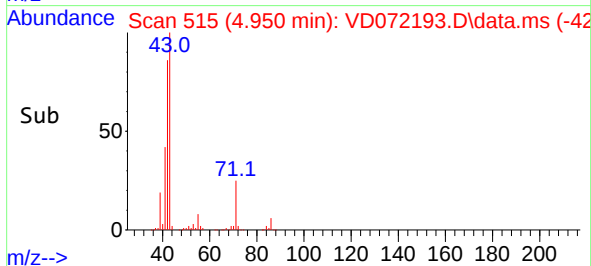
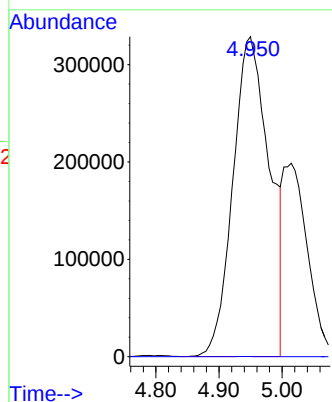
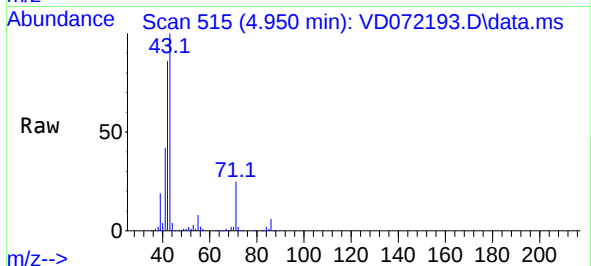




#18
Methyl Acetate
Concen: 446.816 ug/l
RT: 4.950 min Scan# 511
Delta R.T. 0.235 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

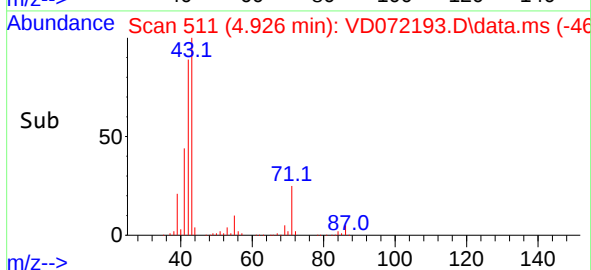
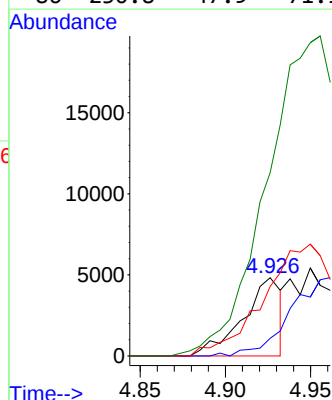
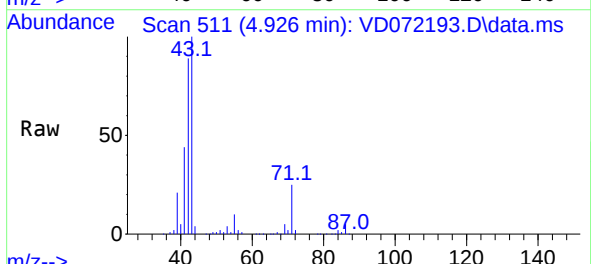
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WC-14A-1A-4-(3.5-4.0)

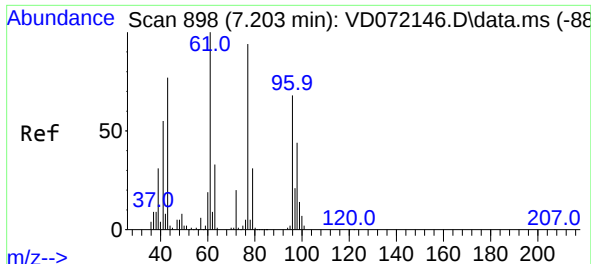
Tgt Ion: 43 Resp: 1318432
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.926 min Scan# 511
Delta R.T. -0.036 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

Tgt Ion: 84 Resp: 7548
Ion Ratio Lower Upper
84 100
49 22.6 112.8 169.2#
51 88.8 32.6 48.8#
86 230.8 47.9 71.9#





#25

2-Butanone

Concen: 112.838 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.000 min

Lab File: VD072193.D

Acq: 15 Mar 2022 17:14

Instrument :

MSVOA_D

ClientSampleId :

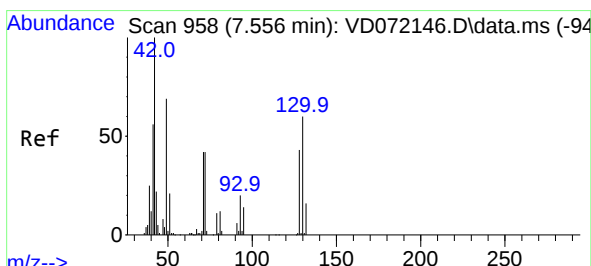
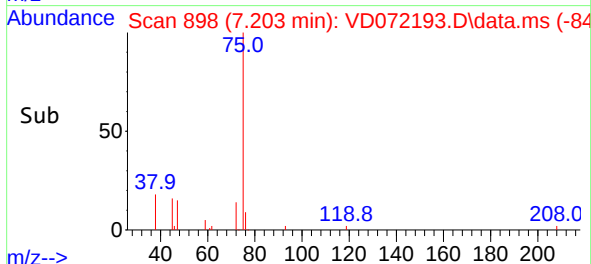
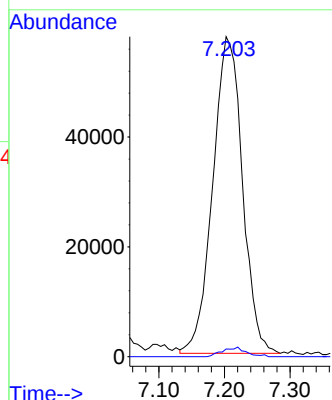
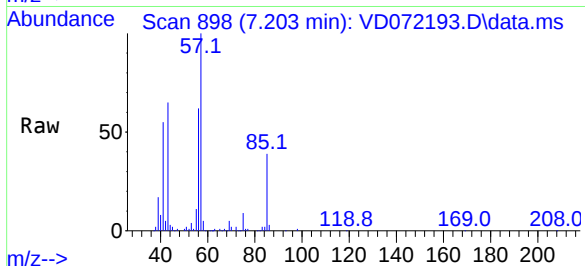
WC-14A-1A-4(3.5-4.0)

Tgt Ion: 43 Resp: 181152

Ion Ratio Lower Upper

43 100

72 2.4 18.6 27.8#



#29

Tetrahydrofuran

Concen: 3.284 ug/l

RT: 7.561 min Scan# 959

Delta R.T. 0.006 min

Lab File: VD072193.D

Acq: 15 Mar 2022 17:14

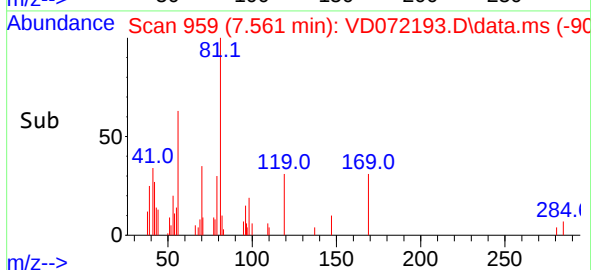
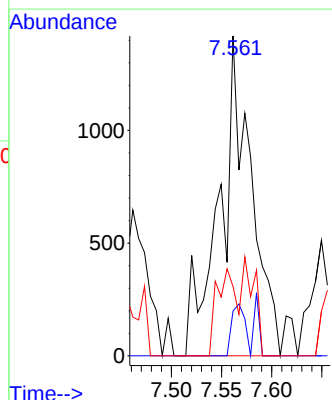
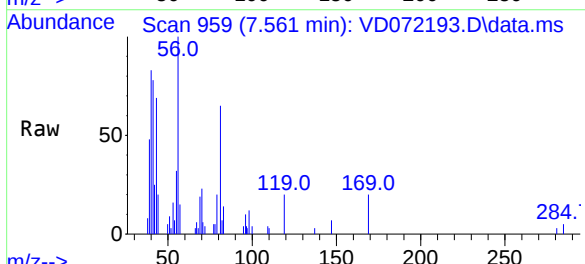
Tgt Ion: 42 Resp: 3100

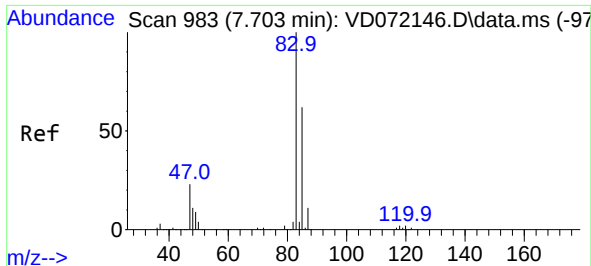
Ion Ratio Lower Upper

42 100

72 0.0 30.7 46.1#

71 0.0 28.6 43.0#

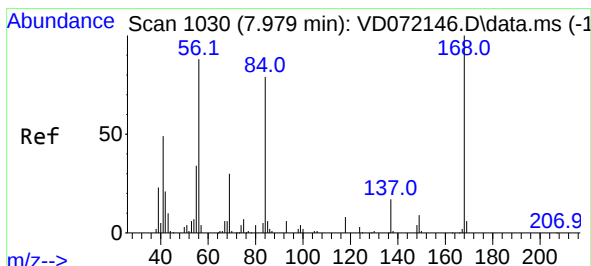
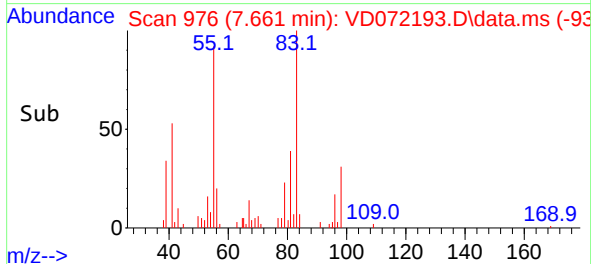
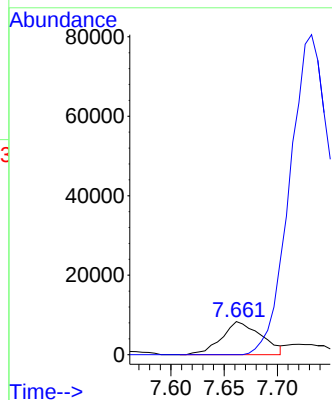
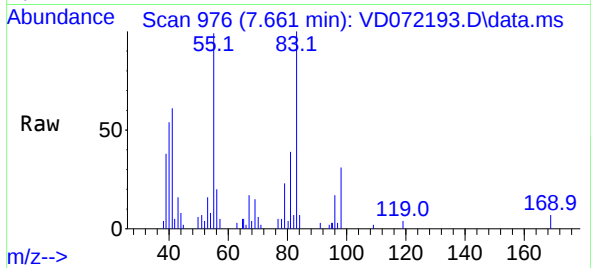




#30
Chloroform
Concen: 1.879 ug/l
RT: 7.661 min Scan# 91
Delta R.T. -0.041 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

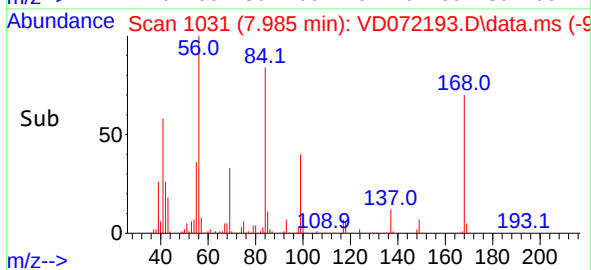
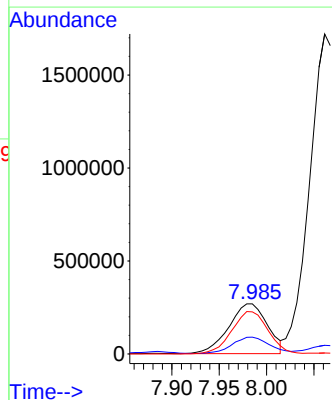
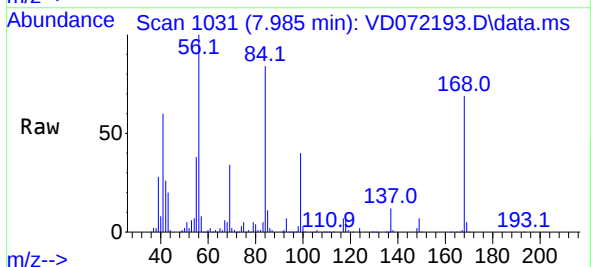
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4(3.5-4.0)

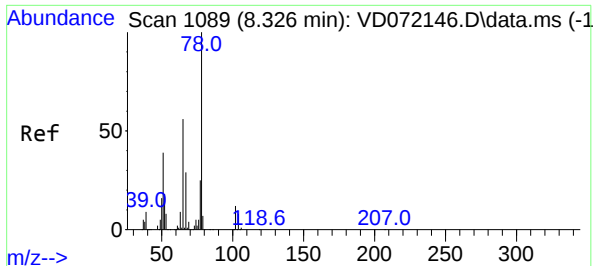
Tgt Ion: 83 Resp: 21535
Ion Ratio Lower Upper
83 100
85 0.0 52.7 79.1#



#31
Cyclohexane
Concen: 87.474 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

Tgt Ion: 56 Resp: 757904
Ion Ratio Lower Upper
56 100
69 32.1 25.4 38.2
84 84.5 63.0 94.4

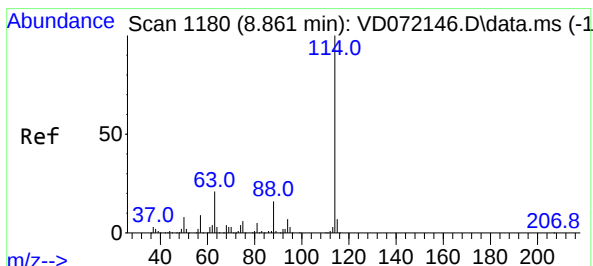
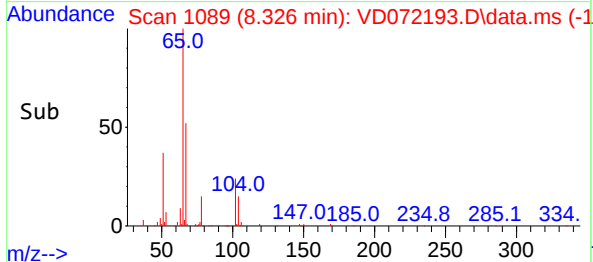
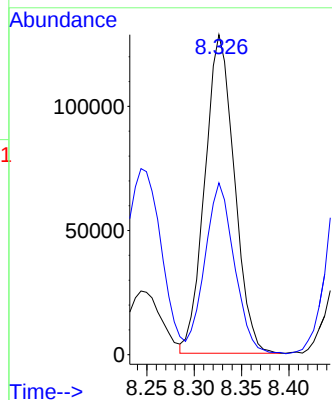
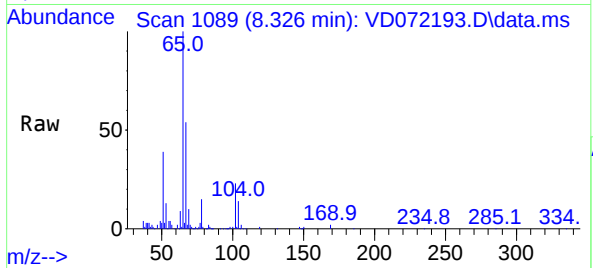




#33
1,2-Dichloroethane-d4
Concen: 50.144 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

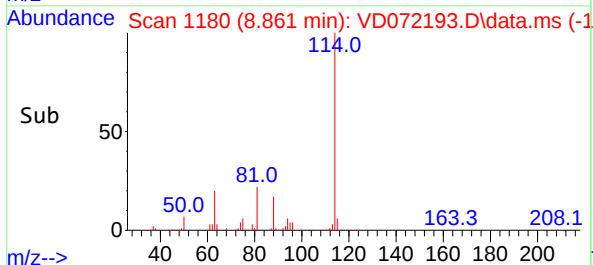
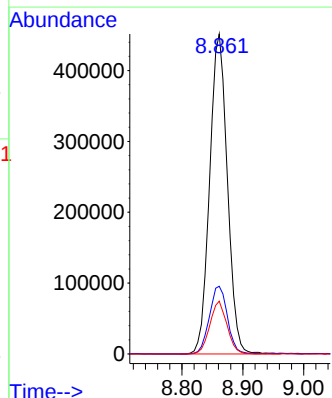
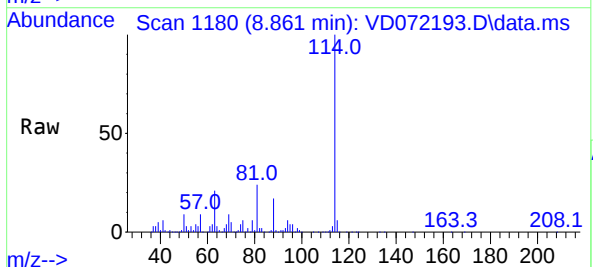
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-(3.5-4.0)

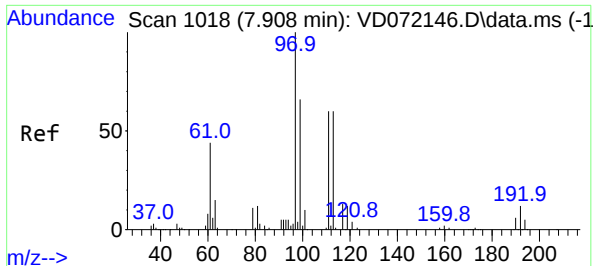
Tgt Ion: 65 Resp: 278082
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

Tgt Ion:114 Resp: 912322
Ion Ratio Lower Upper
114 100
63 21.2 0.0 46.6
88 16.5 0.0 33.2

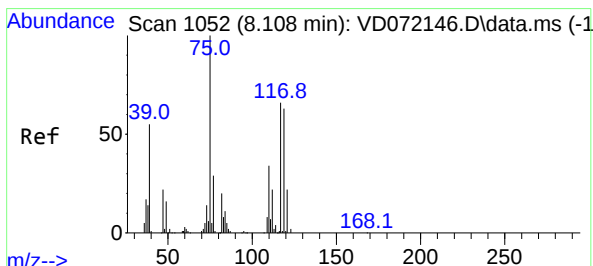
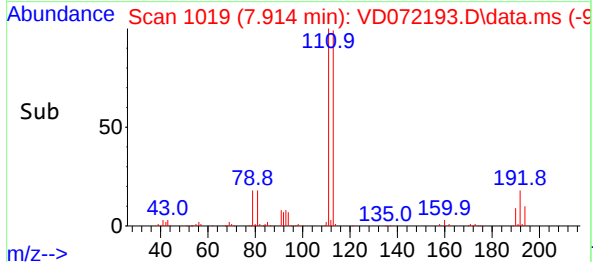
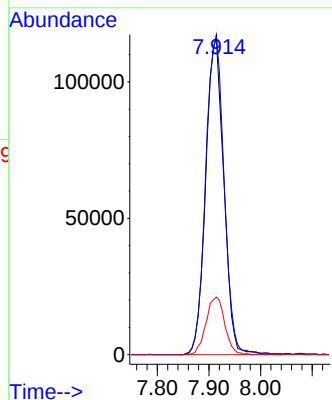
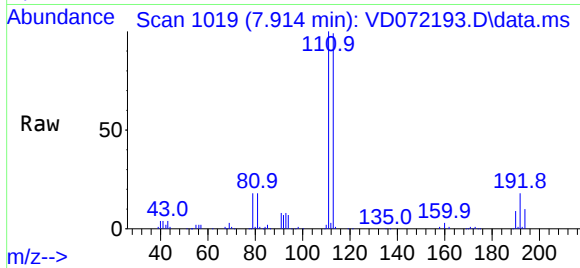




#35
Dibromofluoromethane
Concen: 43.864 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

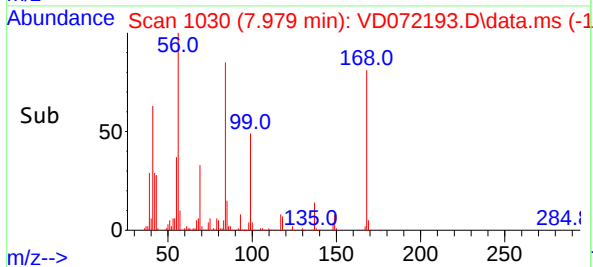
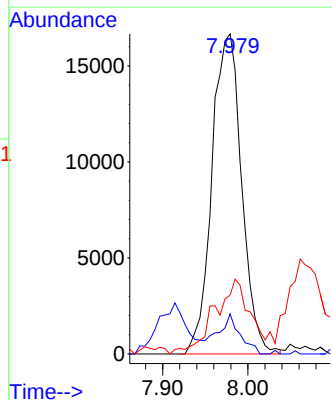
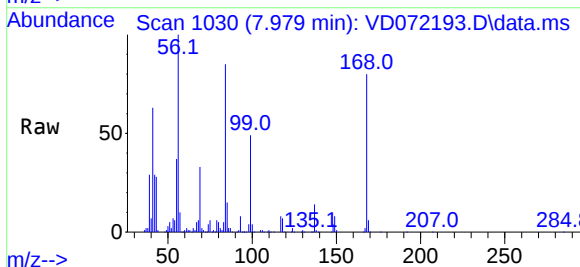
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-(3.5-4.0)

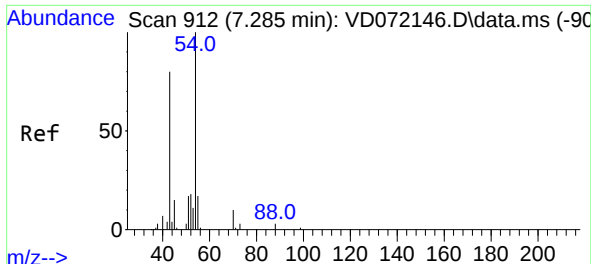
Tgt Ion:113 Resp: 281612
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 18.9 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.491 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

Tgt Ion: 75 Resp: 40449
Ion Ratio Lower Upper
75 100
110 9.1 16.4 49.1#
77 27.8 24.2 36.2

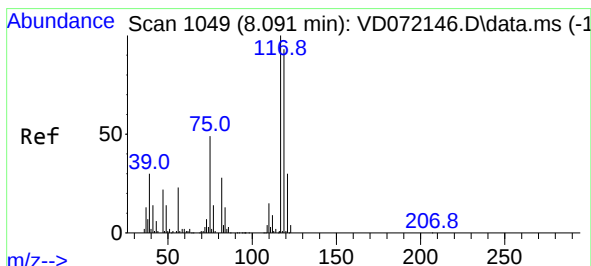
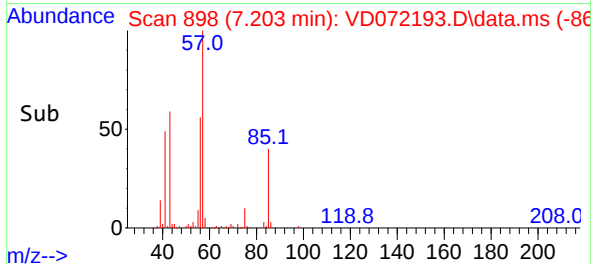
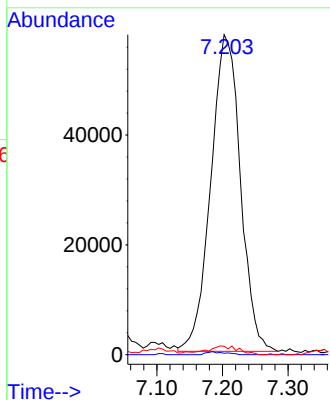
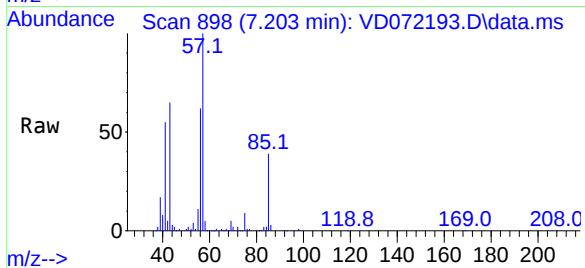




#37
Ethyl Acetate
Concen: 45.917 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.082 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

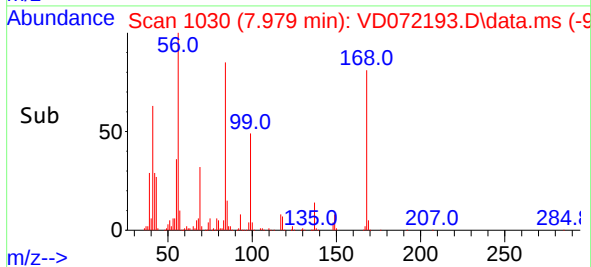
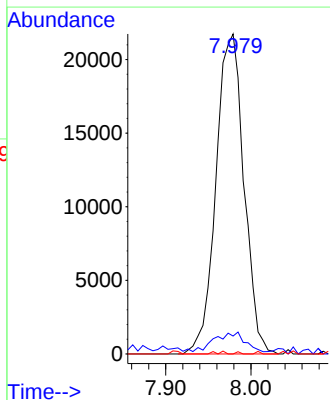
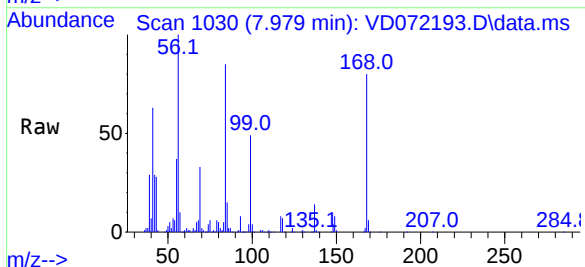
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4(3.5-4.0)

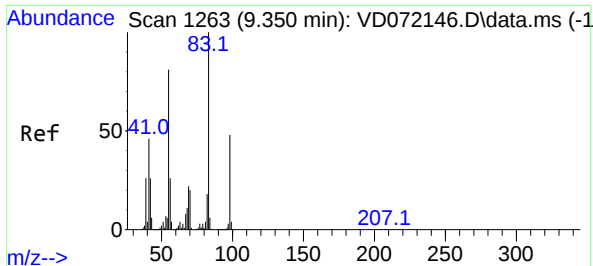
Tgt Ion: 43 Resp: 181152
Ion Ratio Lower Upper
43 100
61 0.6 9.8 14.8#
70 3.1 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 4.839 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

Tgt Ion: 117 Resp: 49542
Ion Ratio Lower Upper
117 100
119 3.9 75.8 113.6#
121 0.0 24.5 36.7#





#39

Methylcyclohexane

Concen: 1390.099 ug/l

RT: 9.355 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD072193.D

Acq: 15 Mar 2022 17:14

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-4-(3.5-4.0)

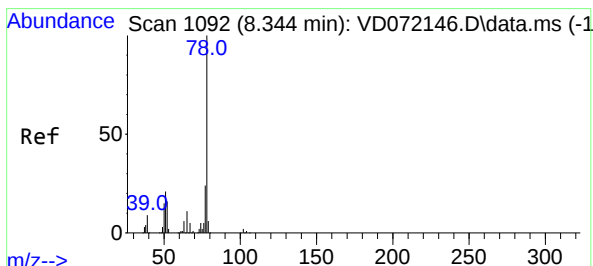
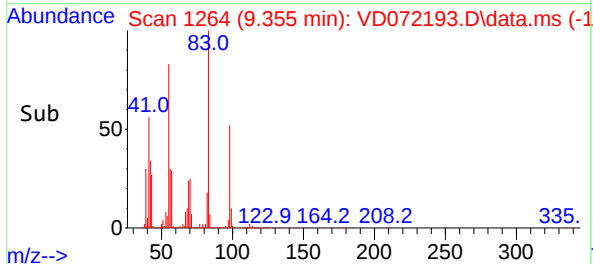
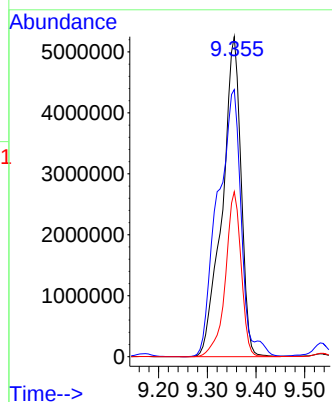
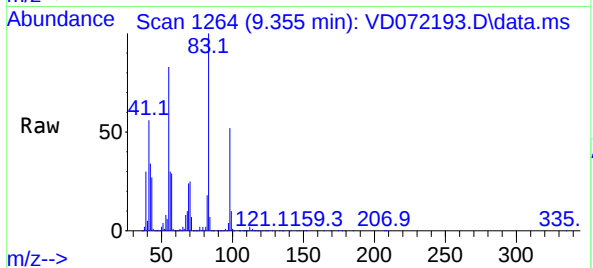
Tgt Ion: 83 Resp:14088666

Ion Ratio Lower Upper

83 100

55 83.4 63.2 94.8

98 51.5 38.2 57.4



#40

Benzene

Concen: 4.446 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VD072193.D

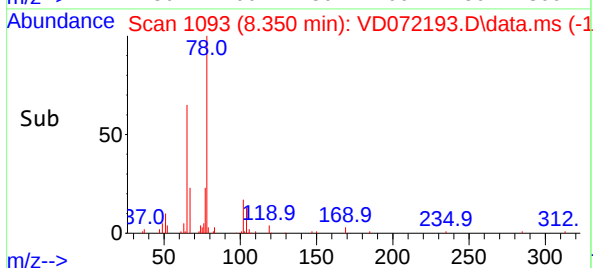
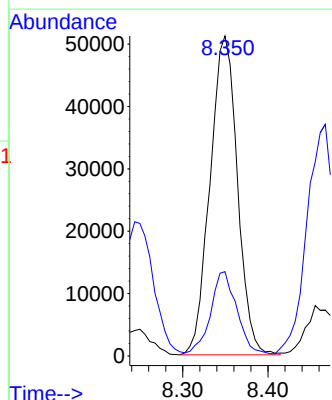
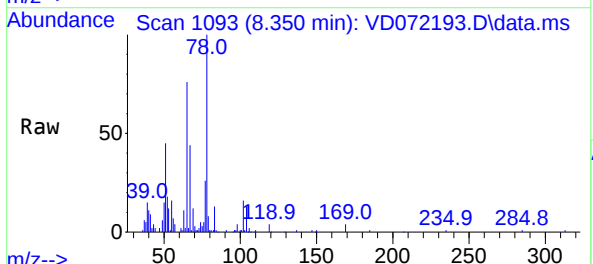
Acq: 15 Mar 2022 17:14

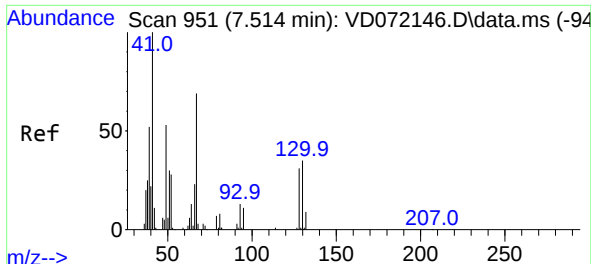
Tgt Ion: 78 Resp: 114244

Ion Ratio Lower Upper

78 100

77 25.1 19.1 28.7

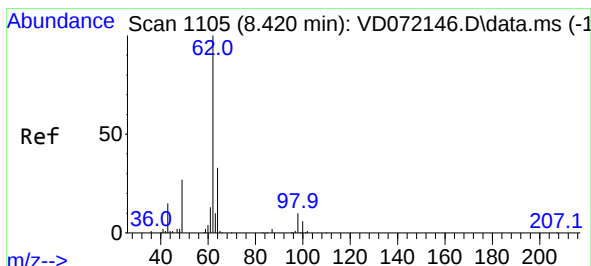
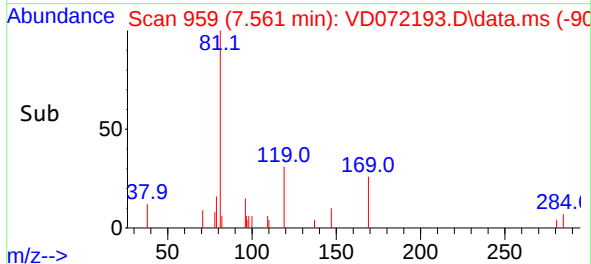
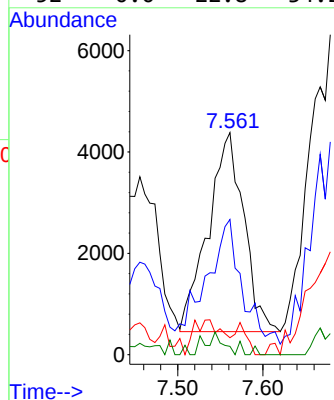
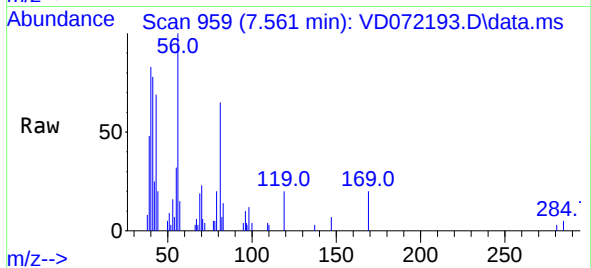




#41
Methacrylonitrile
Concen: 4.985 ug/l
RT: 7.561 min Scan# 911
Delta R.T. 0.047 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

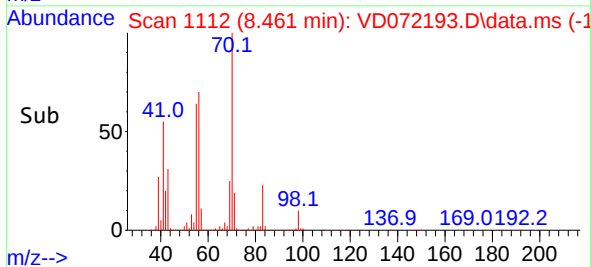
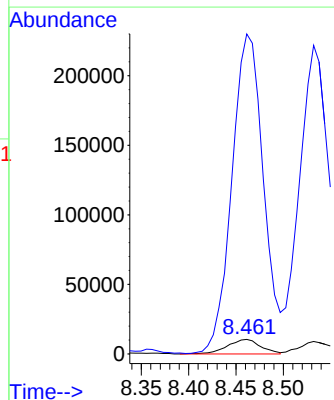
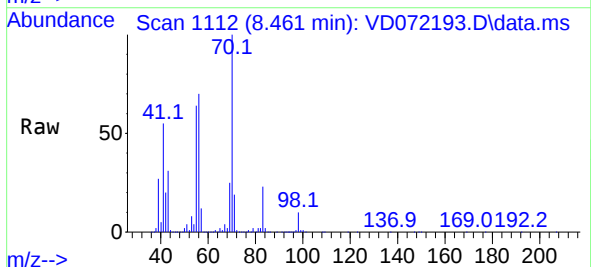
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-(3.5-4.0)

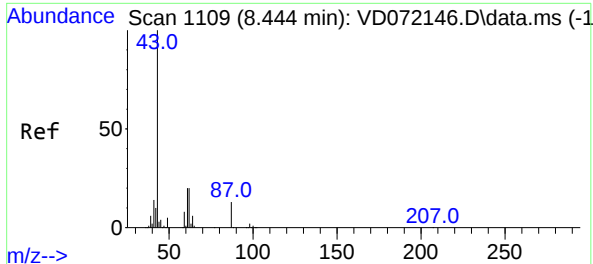
Tgt Ion:	41	Resp:	11463
Ion	Ratio	Lower	Upper
41	100		
39	62.2	44.6	67.0
67	0.0	48.2	72.4#
52	0.0	22.8	34.2#



#42
1,2-Dichloroethane
Concen: 3.304 ug/l
RT: 8.461 min Scan# 1112
Delta R.T. 0.041 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

Tgt Ion:	62	Resp:	25751
Ion	Ratio	Lower	Upper
62	100		
98	2058.2	0.0	17.6#





#43

Isopropyl Acetate

Concen: 327.516 ug/l

RT: 8.450 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VD072193.D

Acq: 15 Mar 2022 17:14

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-4(3.5-4.0)

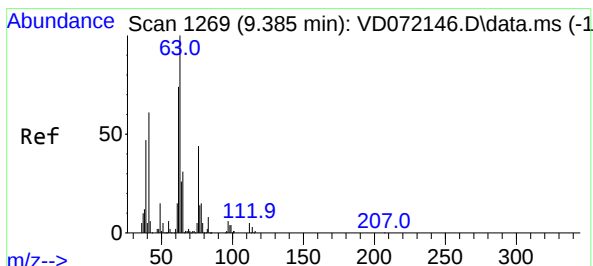
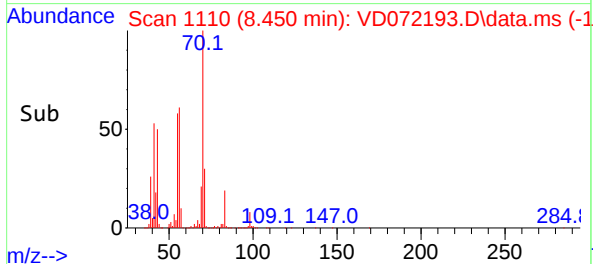
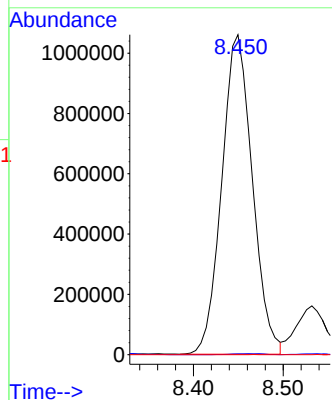
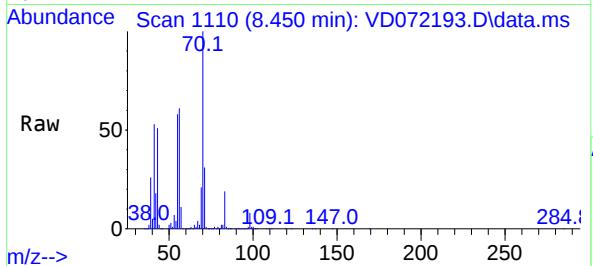
Tgt Ion: 43 Resp: 2507961

Ion Ratio Lower Upper

43 100

61 0.3 22.4 33.6#

87 0.0 8.7 13.1#



#45

1,2-Dichloropropane

Concen: 24.715 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. -0.029 min

Lab File: VD072193.D

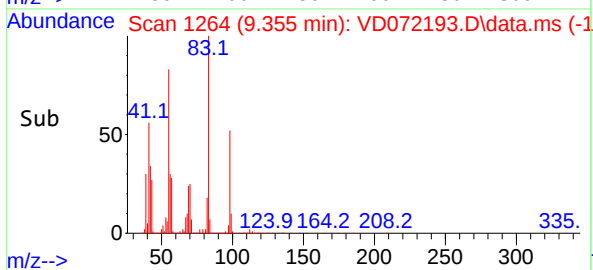
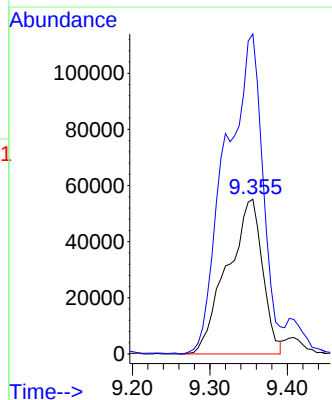
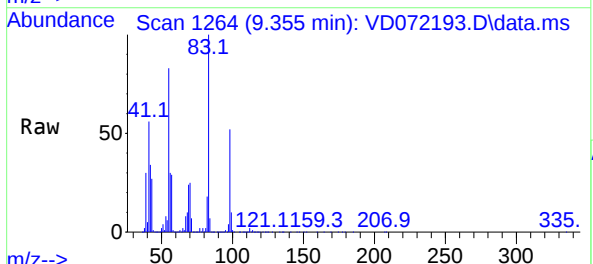
Acq: 15 Mar 2022 17:14

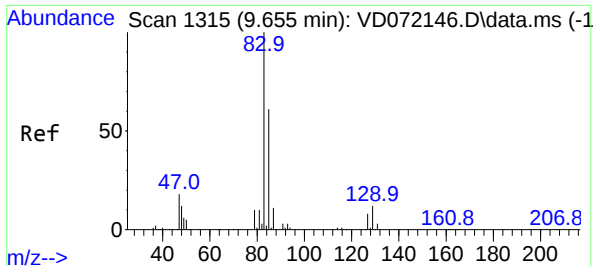
Tgt Ion: 63 Resp: 174164

Ion Ratio Lower Upper

63 100

65 206.9 26.2 39.4#





#47

Bromodichloromethane

Concen: 47.630 ug/l

RT: 9.626 min Scan# 1

Delta R.T. -0.029 min

Lab File: VD072193.D

Acq: 15 Mar 2022 17:14

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-4(3.5-4.0)

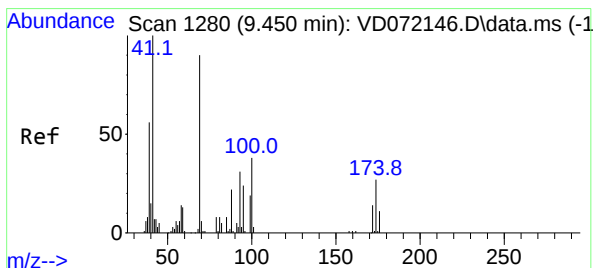
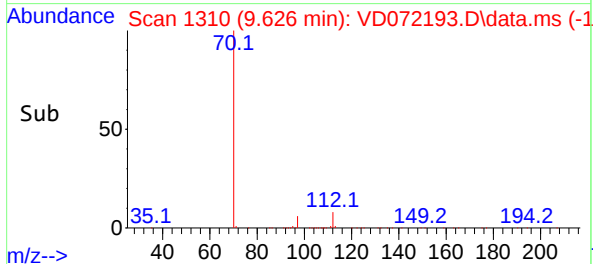
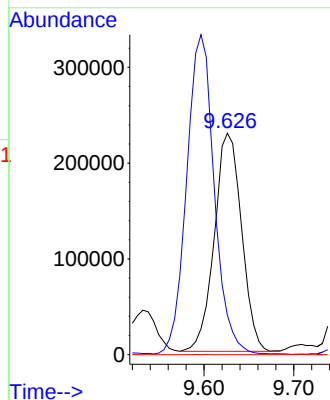
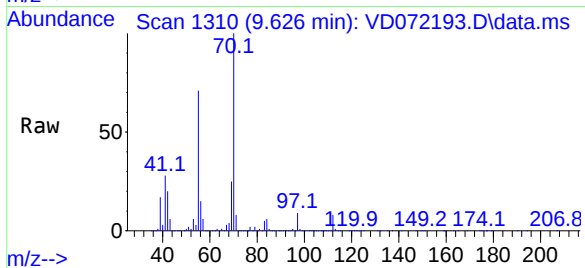
Tgt Ion: 83 Resp: 481316

Ion Ratio Lower Upper

83 100

85 17.7 51.4 77.0#

127 0.0 6.1 9.1#



#48

Methyl methacrylate

Concen: 432.884 ug/l

RT: 9.402 min Scan# 1272

Delta R.T. -0.047 min

Lab File: VD072193.D

Acq: 15 Mar 2022 17:14

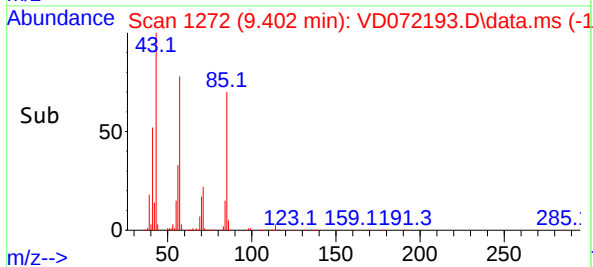
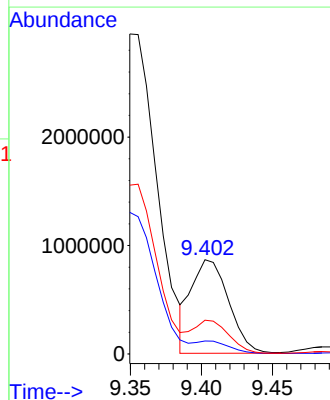
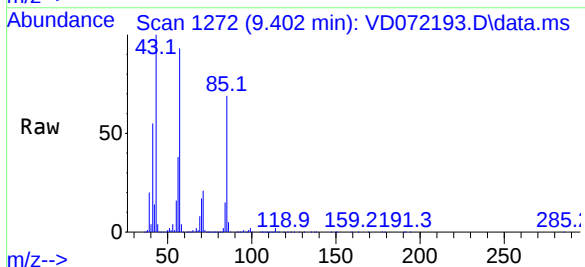
Tgt Ion: 41 Resp: 1582791

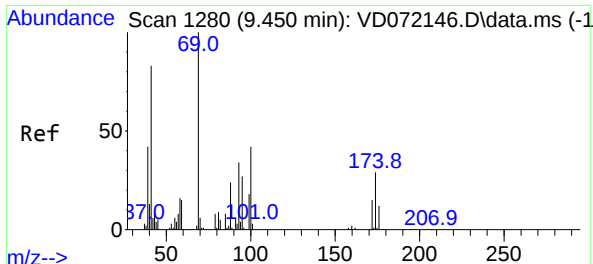
Ion Ratio Lower Upper

41 100

69 0.0 56.7 85.1#

39 30.9 42.7 64.1#

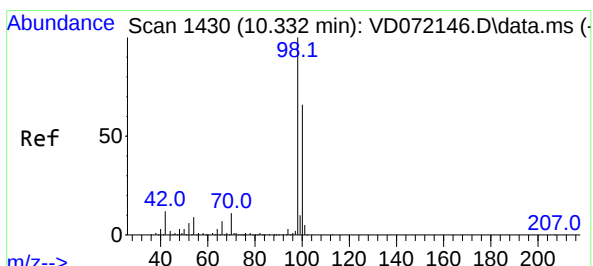
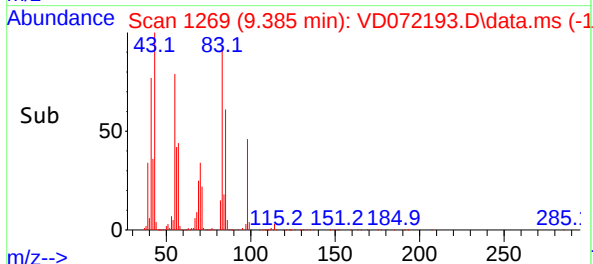
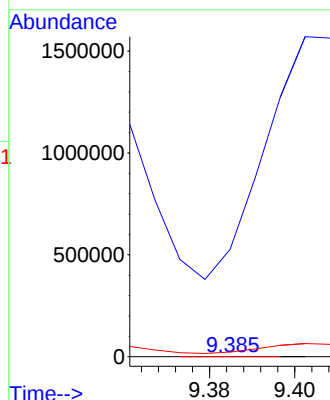
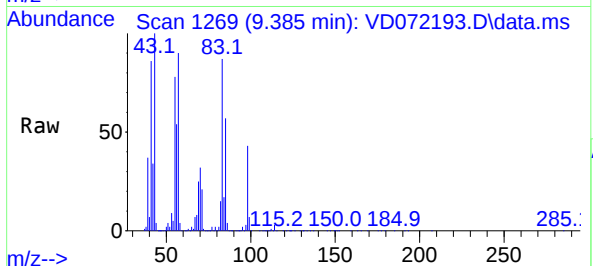




#49
1,4-Dioxane
Concen: 1.732 ug/l
RT: 9.385 min Scan# 11
Delta R.T. -0.065 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

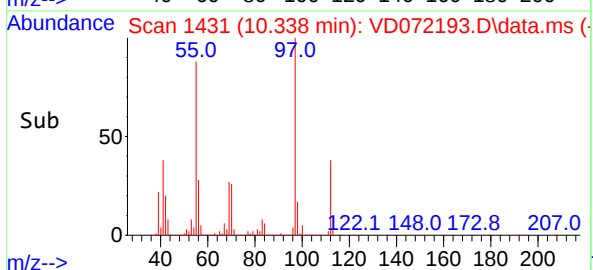
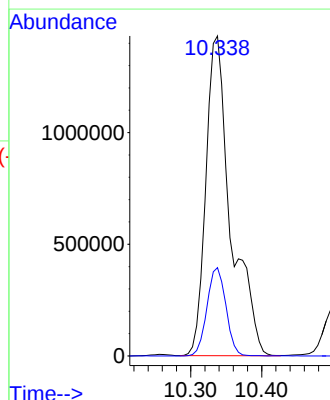
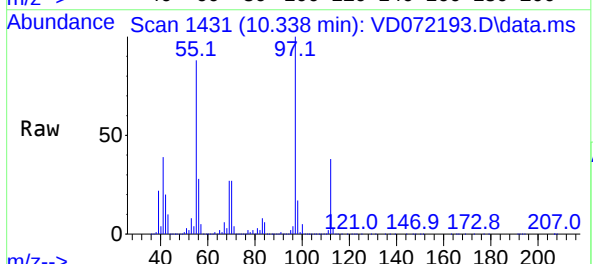
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-(3.5-4.0)

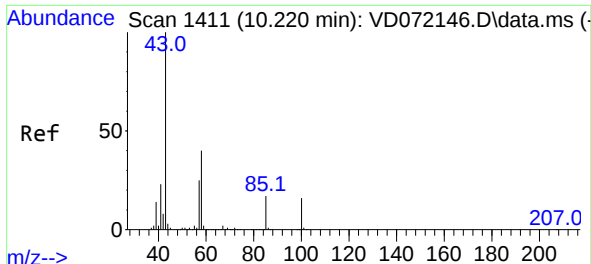
Tgt Ion: 88 Resp: 72
Ion Ratio Lower Upper
88 100
43 4187940.3 31.0 46.4#
58 173800.0 58.1 87.1#



#50
Toluene-d8
Concen: 149.154 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

Tgt Ion: 98 Resp: 3501395
Ion Ratio Lower Upper
98 100
100 21.0 52.4 78.6#

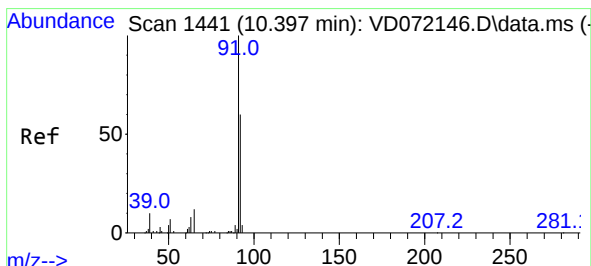
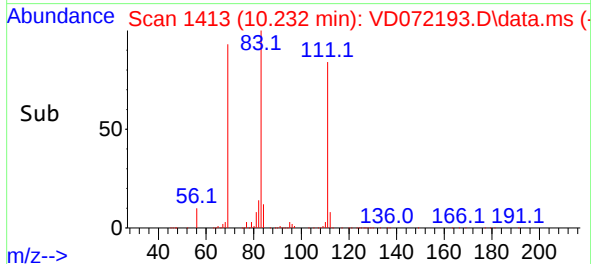
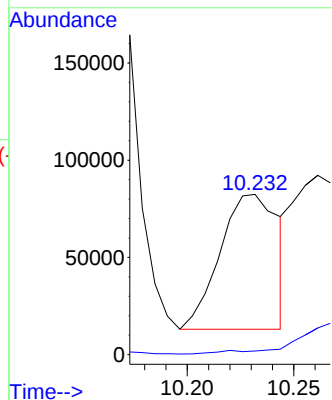
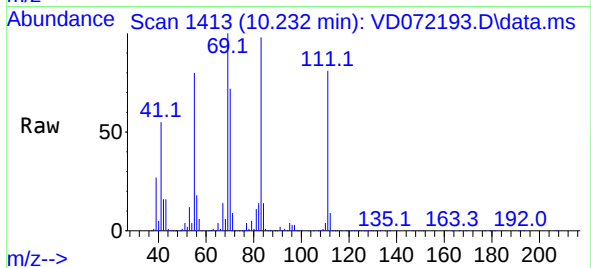




#51
4-Methyl-2-Pentanone
Concen: 32.775 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.012 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

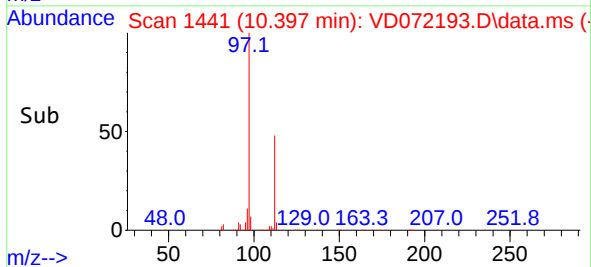
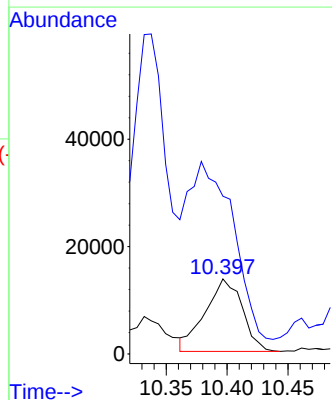
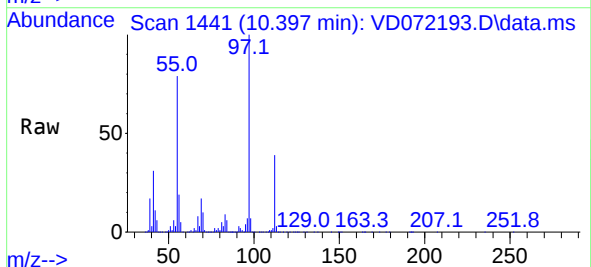
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-(3.5-4.0)

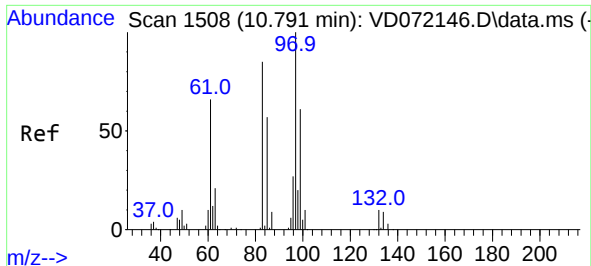
Tgt Ion: 43 Resp: 131820
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#



#52
Toluene
Concen: 1.688 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

Tgt Ion: 92 Resp: 28544
Ion Ratio Lower Upper
92 100
91 294.0 139.6 209.4#

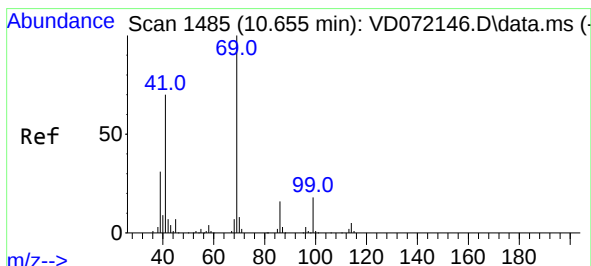
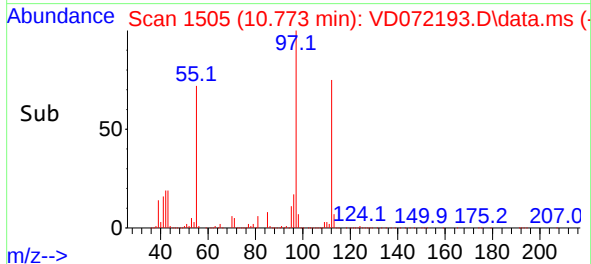
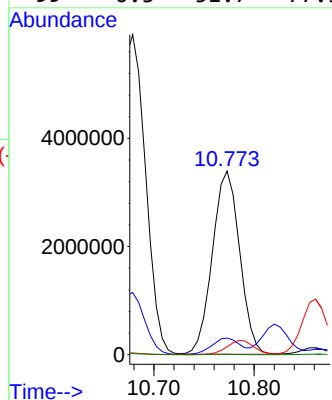
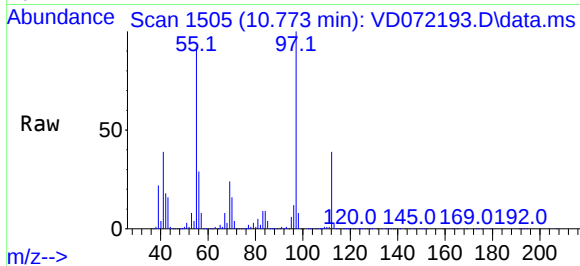




#55
1,1,2-Trichloroethane
Concen: 1212.855 ug/l
RT: 10.773 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

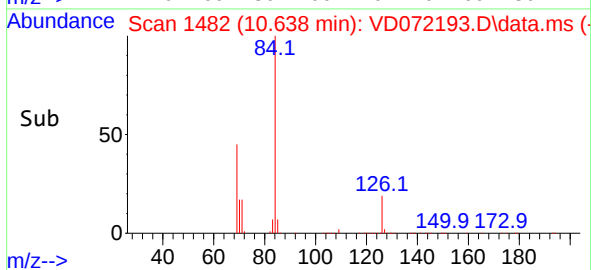
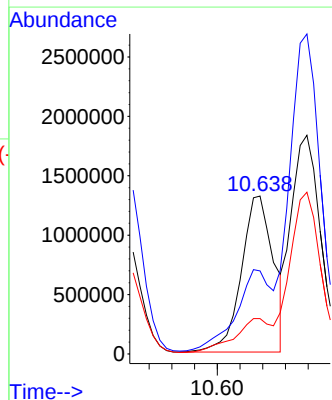
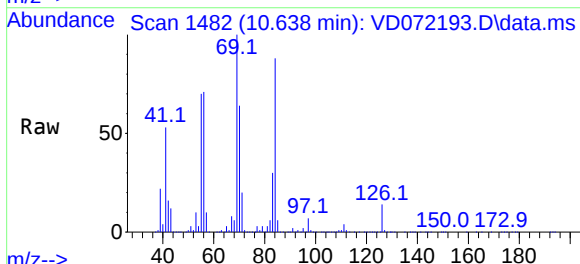
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-(3.5-4.0)

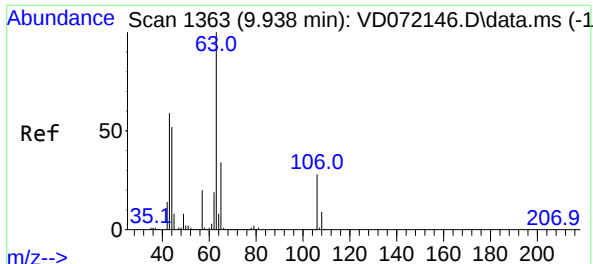
Tgt Ion: 97 Resp: 6404437
Ion Ratio Lower Upper
97 100
83 9.0 69.0 103.4#
85 4.3 42.6 63.8#
99 0.3 51.7 77.5#



#56
Ethyl methacrylate
Concen: 417.164 ug/l
RT: 10.638 min Scan# 1482
Delta R.T. -0.018 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

Tgt Ion: 69 Resp: 2580137
Ion Ratio Lower Upper
69 100
41 57.0 63.0 94.6#
39 25.3 33.8 50.8#

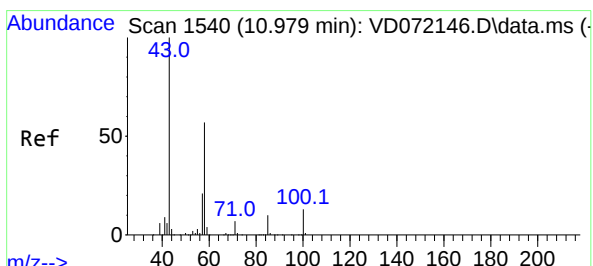
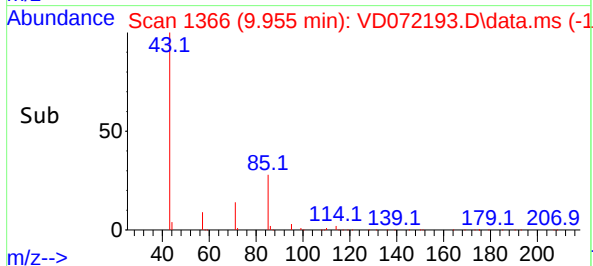
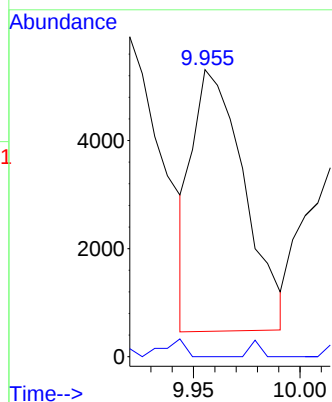
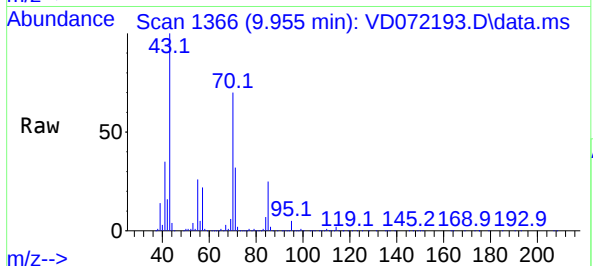




#58
2-Chloroethyl Vinyl ether
Concen: 2.939 ug/l
RT: 9.955 min Scan# 11
Delta R.T. 0.018 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

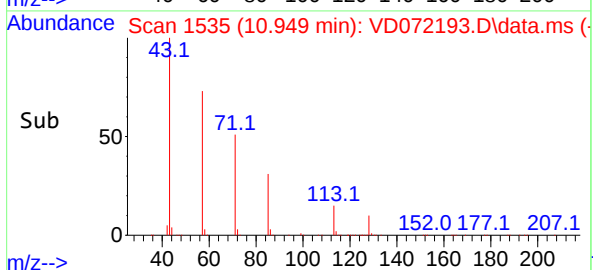
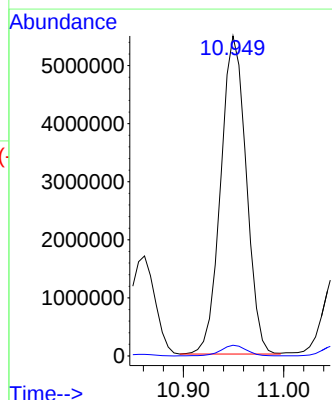
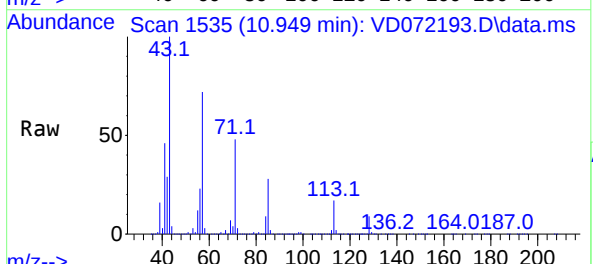
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-(3.5-4.0)

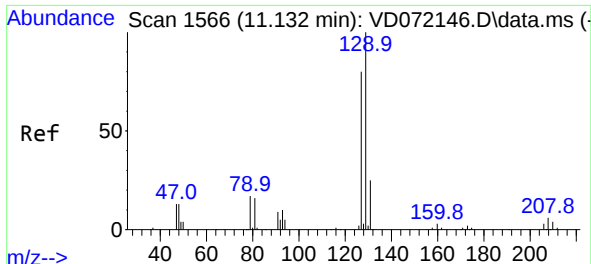
Tgt Ion: 63 Resp: 8173
Ion Ratio Lower Upper
63 100
106 3.4 21.4 32.0#



#59
2-Hexanone
Concen: 3478.463 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.029 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

Tgt Ion: 43 Resp: 9662519
Ion Ratio Lower Upper
43 100
58 3.4 25.3 75.9#

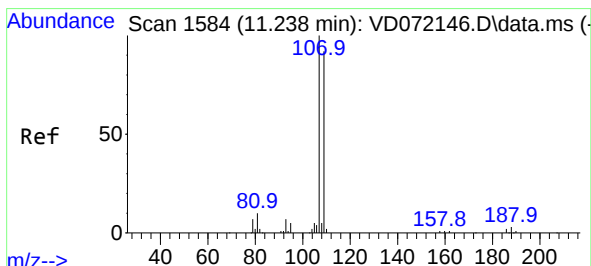
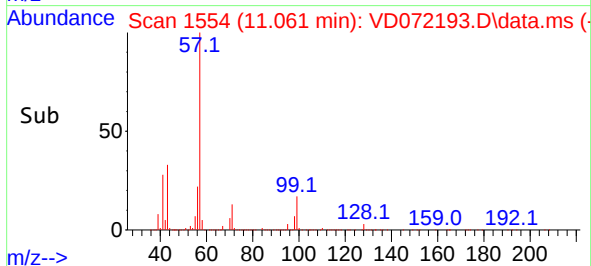
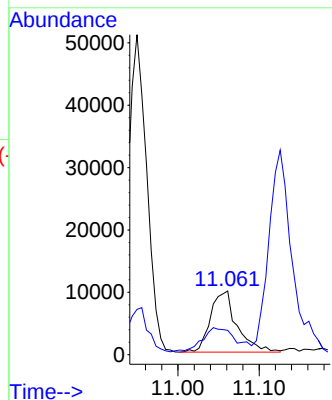
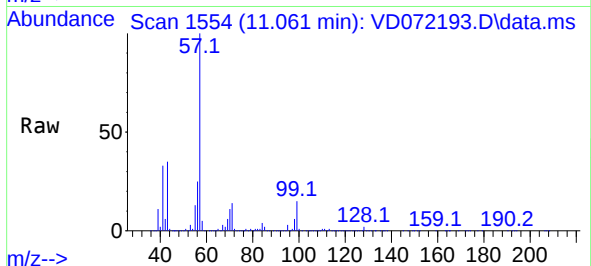




#60
Dibromochloromethane
Concen: 3.251 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.071 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

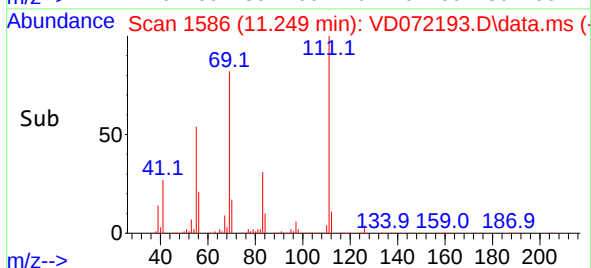
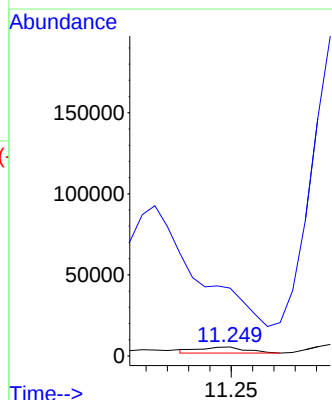
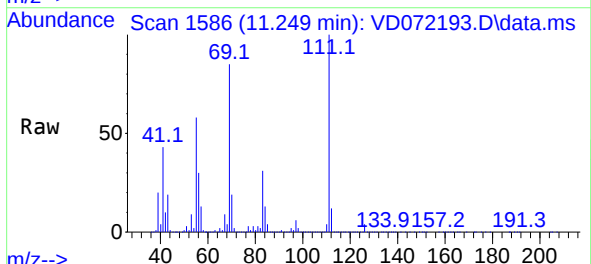
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-(3.5-4.0)

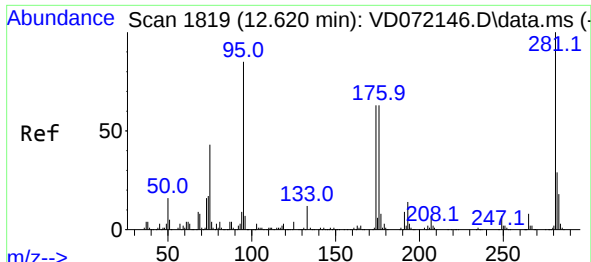
Tgt Ion:129 Resp: 22275
Ion Ratio Lower Upper
129 100
127 49.4 39.2 117.6



#61
1,2-Dibromoethane
Concen: 1.189 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. 0.012 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

Tgt Ion:107 Resp: 5672
Ion Ratio Lower Upper
107 100
109 0.0 74.2 111.4#



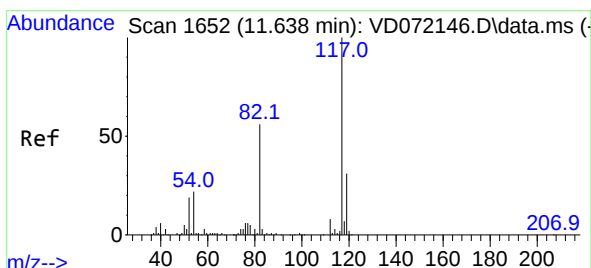
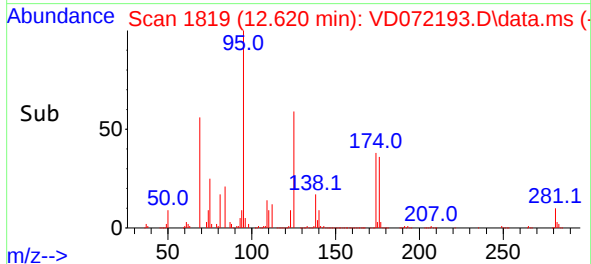
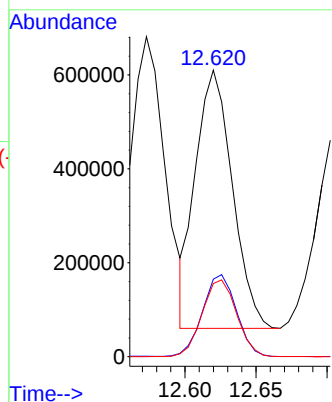
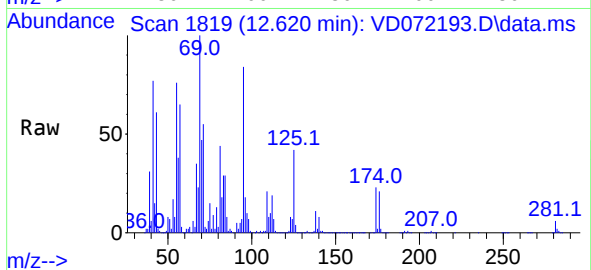


#62
4-Bromofluorobenzene
Concen: 108.965 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-(3.5-4.0)

Tgt Ion: 95 Resp: 993912

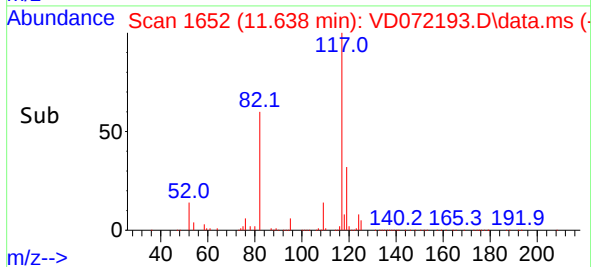
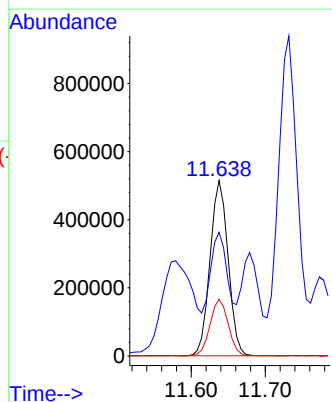
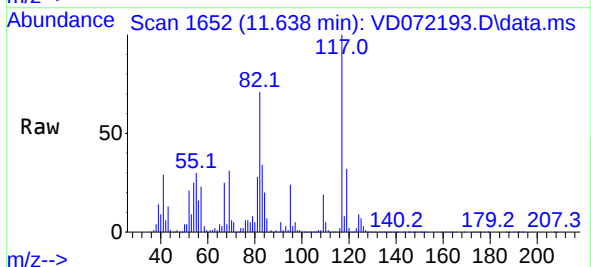
Ion	Ratio	Lower	Upper
95	100		
174	29.1	0.0	152.8
176	27.9	0.0	145.4

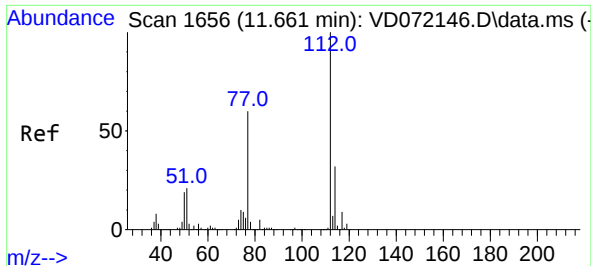


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

Tgt Ion: 117 Resp: 870249

Ion	Ratio	Lower	Upper
117	100		
82	19.5	45.3	67.9#
119	32.2	26.6	40.0

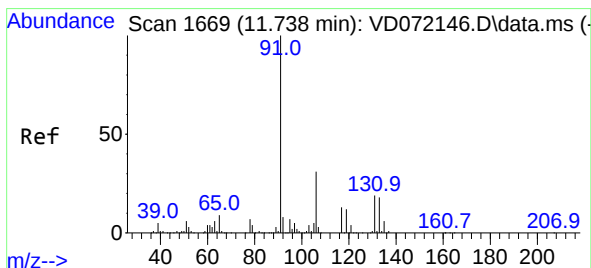
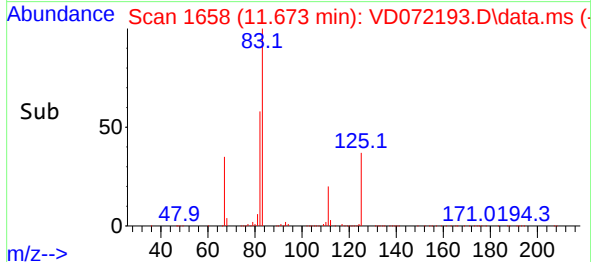
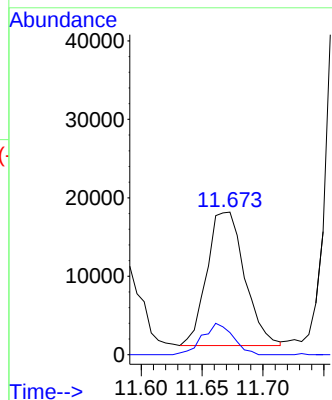
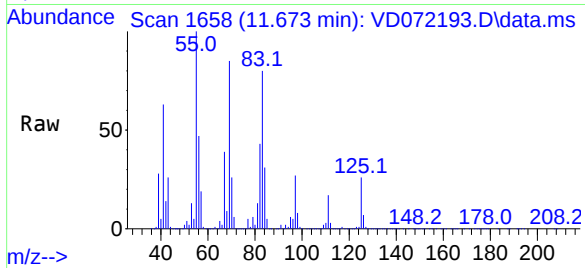




#65
Chlorobenzene
Concen: 1.900 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.012 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

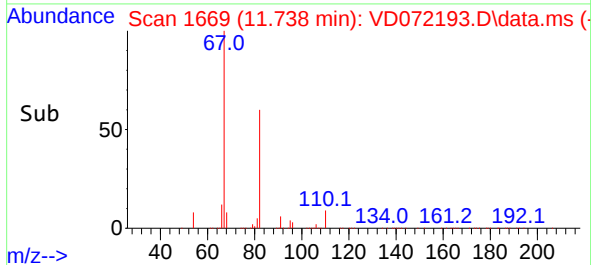
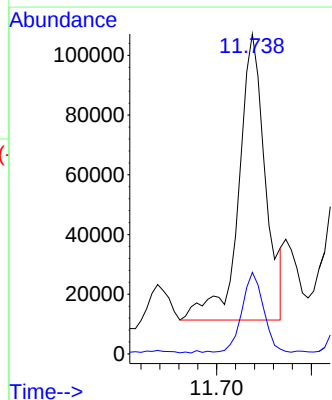
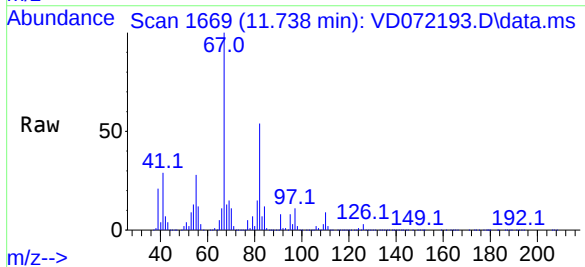
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4(3.5-4.0)

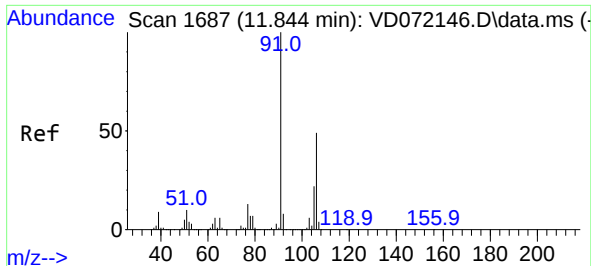
Tgt Ion:112 Resp: 36665
Ion Ratio Lower Upper
112 100
114 16.6 25.8 38.6#



#67
Ethyl Benzene
Concen: 5.452 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

Tgt Ion: 91 Resp: 187878
Ion Ratio Lower Upper
91 100
106 28.1 24.2 36.4

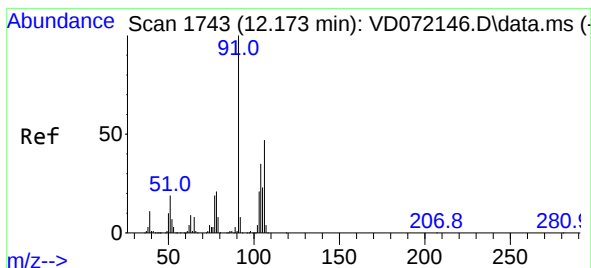
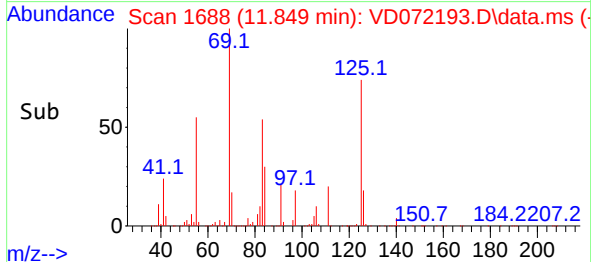
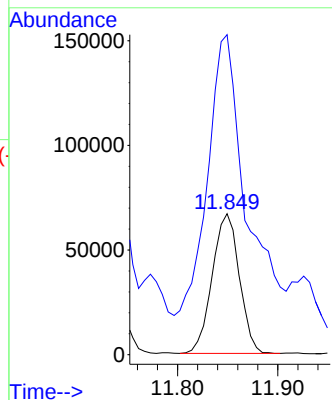
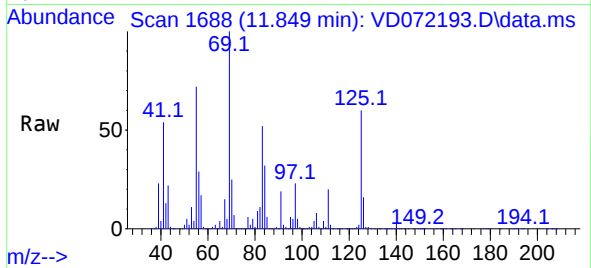




#68
m/p-Xylenes
Concen: 9.582 ug/l
RT: 11.849 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

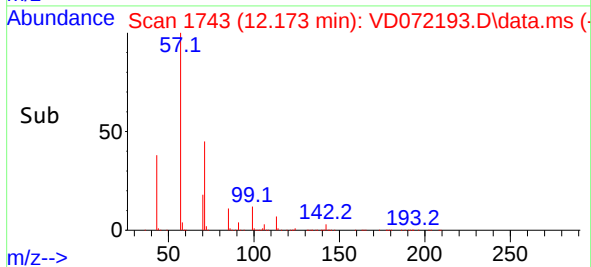
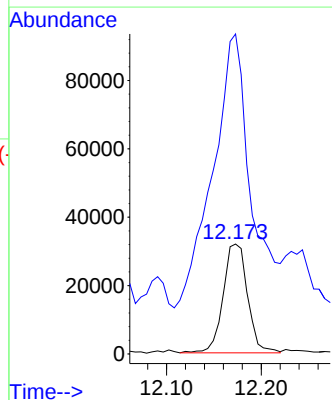
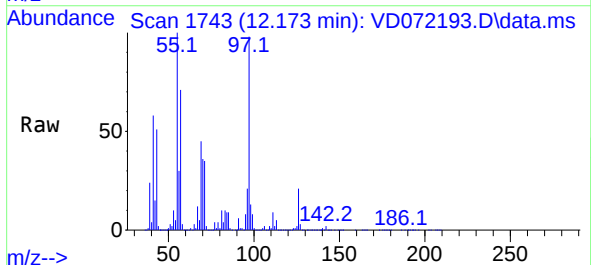
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-(3.5-4.0)

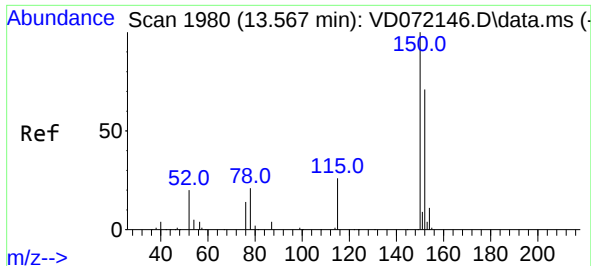
Tgt Ion:106 Resp: 125372
Ion Ratio Lower Upper
106 100
91 272.9 163.7 245.5#



#69
o-Xylene
Concen: 4.572 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

Tgt Ion:106 Resp: 57216
Ion Ratio Lower Upper
106 100
91 389.5 110.4 331.2#

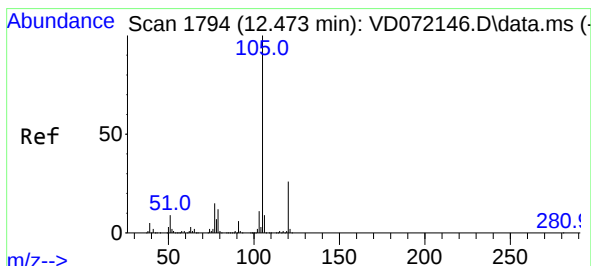
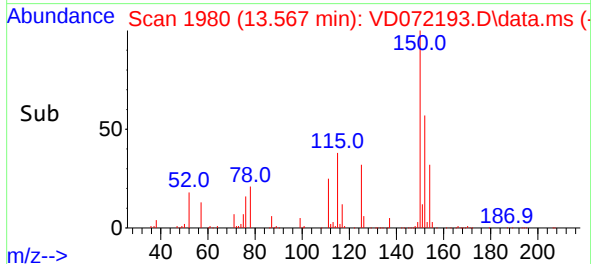
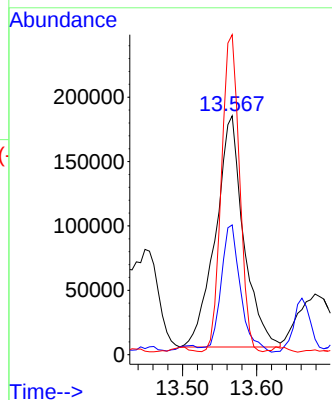
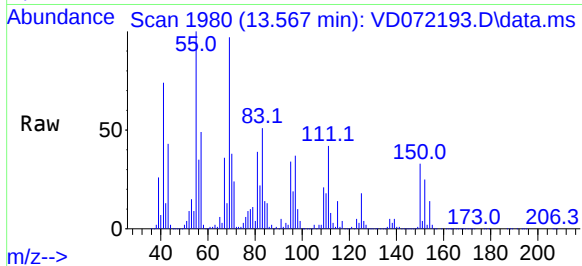




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

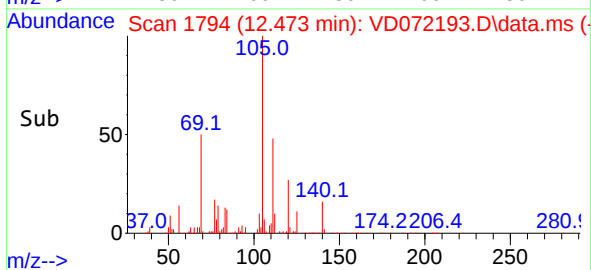
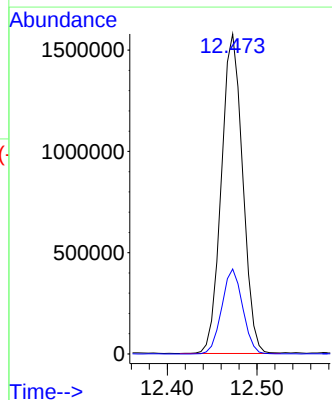
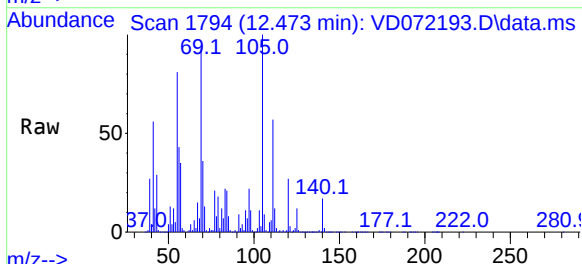
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-(3.5-4.0)

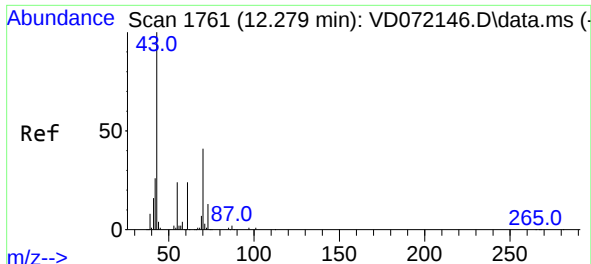
Tgt Ion:152 Resp: 474435
Ion Ratio Lower Upper
152 100
115 38.2 31.3 93.8
150 87.8 0.0 348.6



#73
Isopropylbenzene
Concen: 69.128 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

Tgt Ion:105 Resp: 2598988
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9

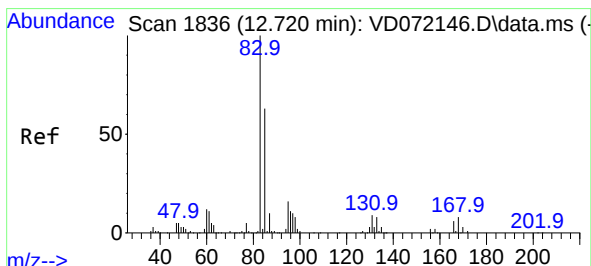
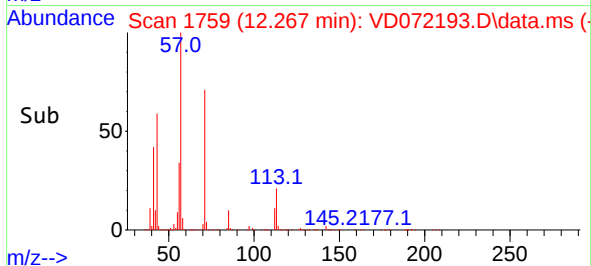
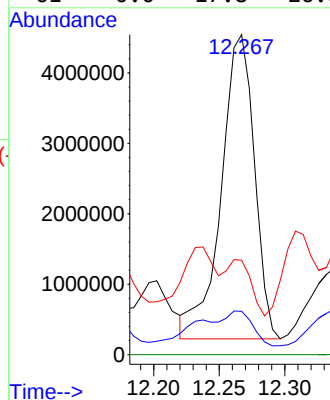
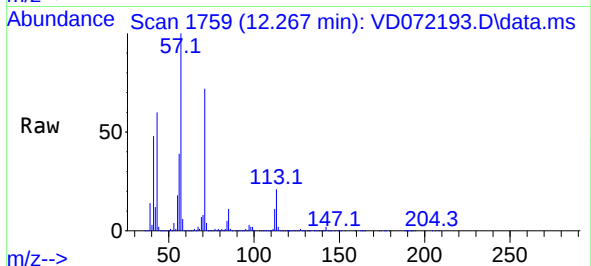




#74
N-amy1 acetate
Concen: 942.982 ug/l
RT: 12.267 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

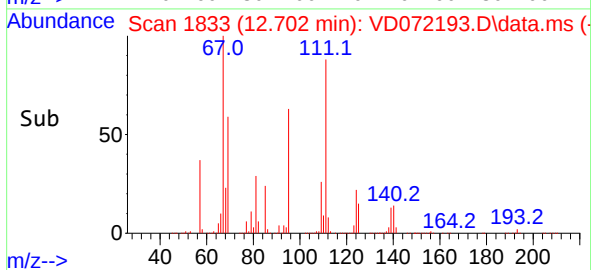
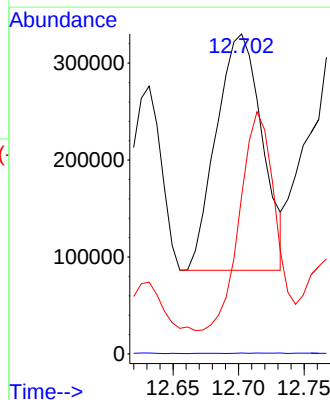
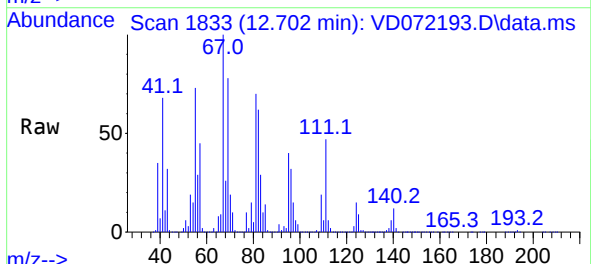
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-(3.5-4.0)

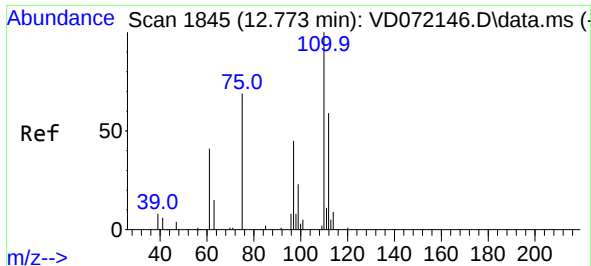
Tgt Ion: 43 Resp: 7618847
Ion Ratio Lower Upper
43 100
70 9.1 31.3 46.9#
55 0.0 20.0 30.0#
61 0.0 17.8 26.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 88.348 ug/l
RT: 12.702 min Scan# 1833
Delta R.T. -0.018 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

Tgt Ion: 83 Resp: 594057
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 71.4 32.6 98.0

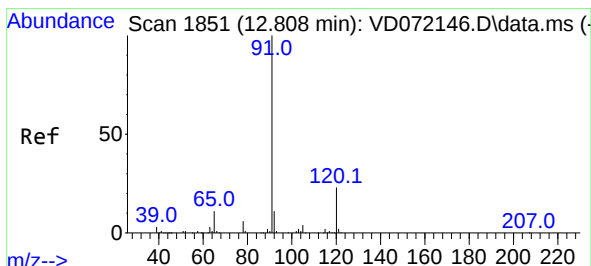
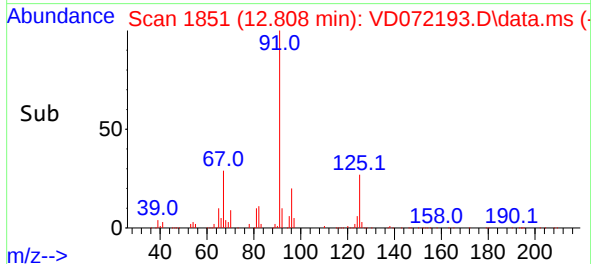
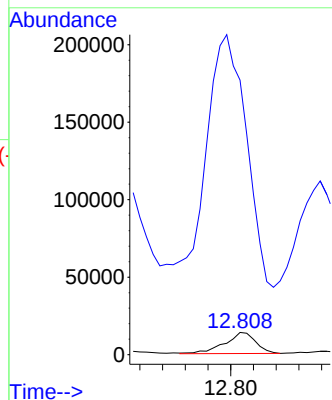
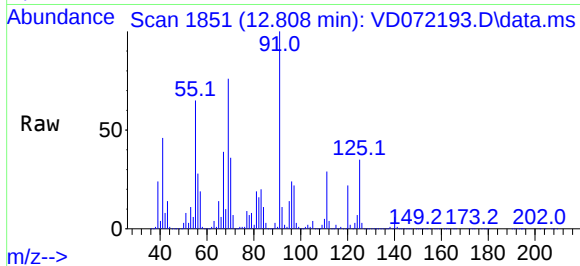




#76
1,2,3-Trichloropropane
Concen: 4.927 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.035 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

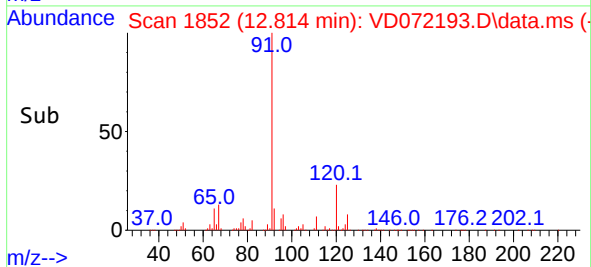
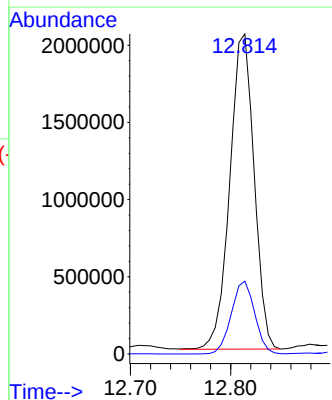
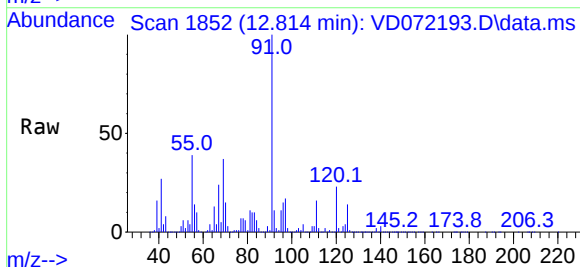
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-(3.5-4.0)

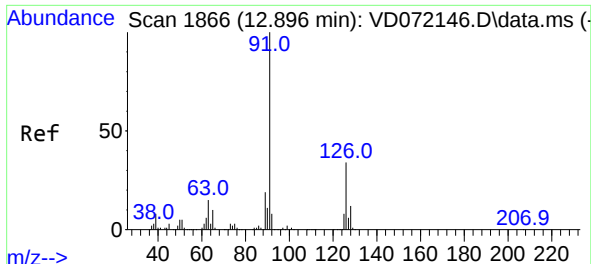
Tgt Ion: 75 Resp: 25783
Ion Ratio Lower Upper
75 100
77 1529.7 0.0 0.0#



#78
n-propylbenzene
Concen: 75.435 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

Tgt Ion: 91 Resp: 3444877
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.9

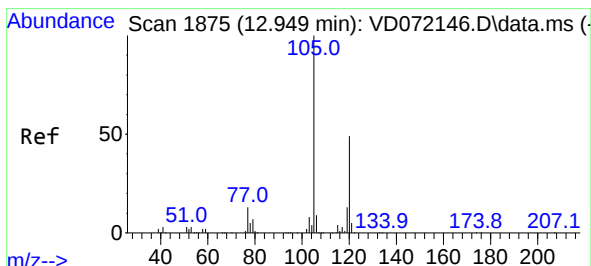
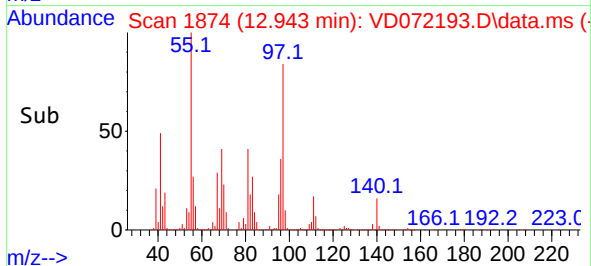
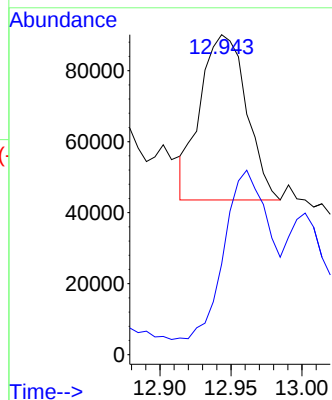
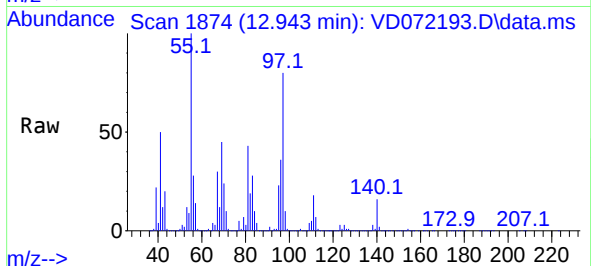




#79
2-Chlorotoluene
Concen: 3.992 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. 0.047 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

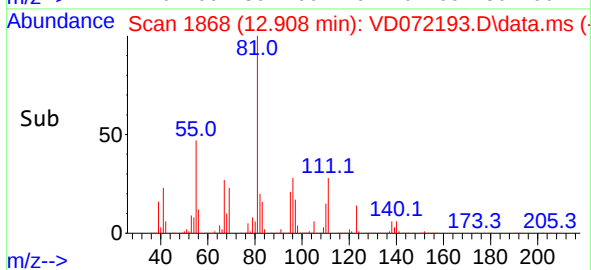
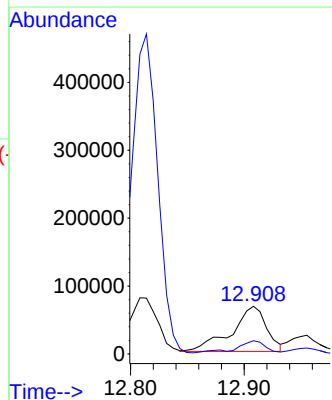
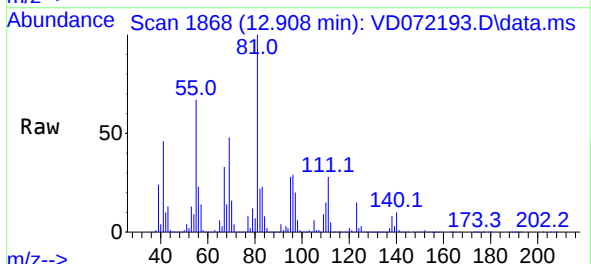
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4(3.5-4.0)

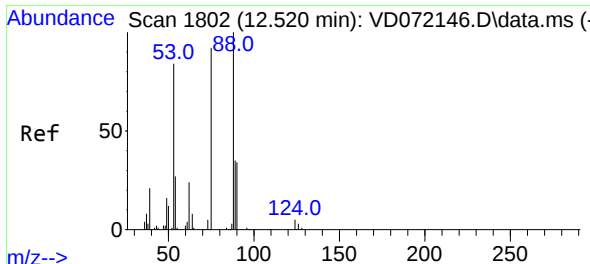
Tgt Ion: 91 Resp: 105426
Ion Ratio Lower Upper
91 100
126 100.8 16.2 48.6#



#80
1,3,5-Trimethylbenzene
Concen: 4.404 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. -0.041 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

Tgt Ion: 105 Resp: 142257
Ion Ratio Lower Upper
105 100
120 25.4 24.3 72.8

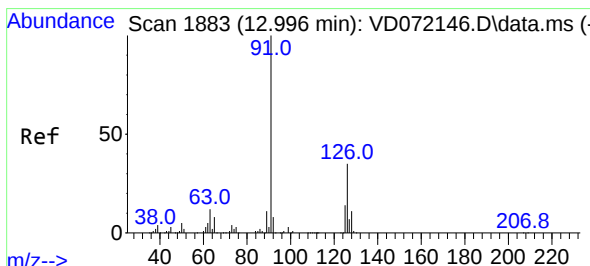
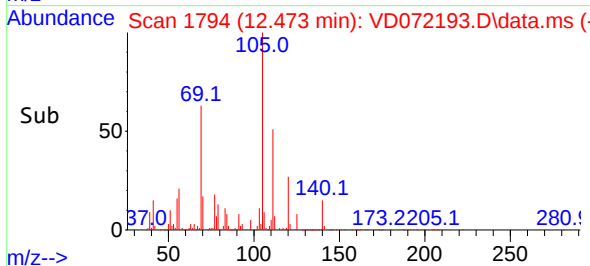
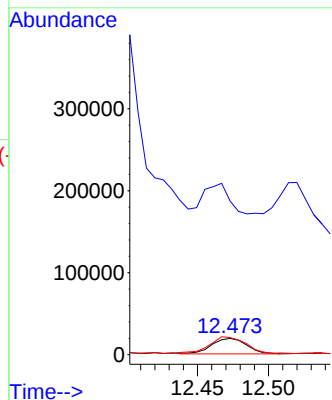
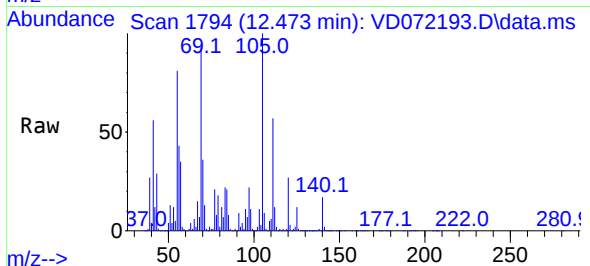




#81
trans-1,4-Dichloro-2-butene
Concen: 15.099 ug/l
RT: 12.473 min Scan# 11
Delta R.T. -0.047 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

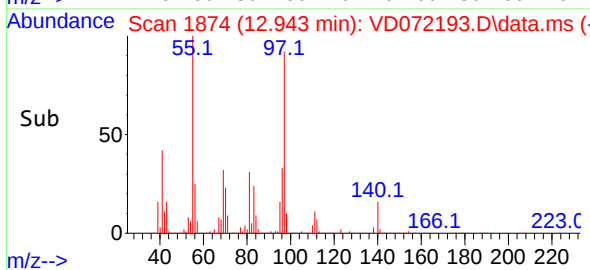
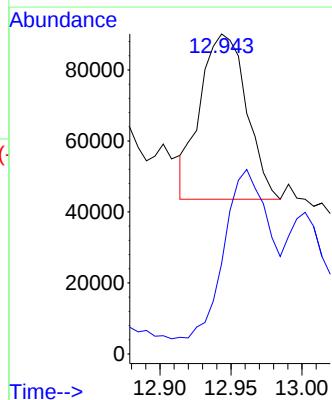
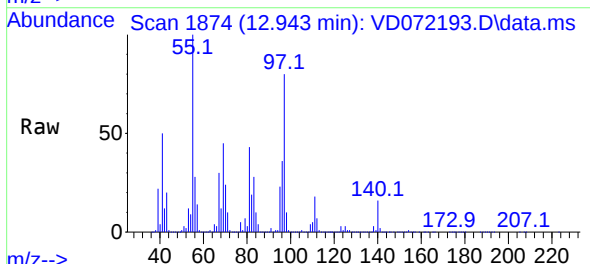
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-(3.5-4.0)

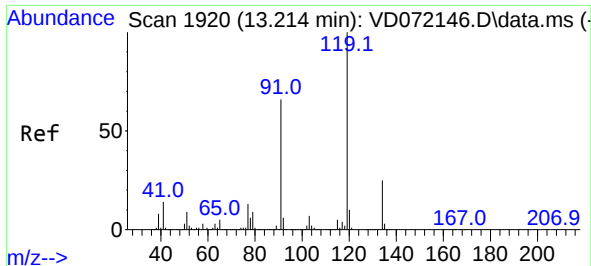
Tgt Ion: 75 Resp: 31849
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 113.5 33.9 50.9#



#82
4-Chlorotoluene
Concen: 3.856 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. -0.053 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

Tgt Ion: 91 Resp: 105426
Ion Ratio Lower Upper
91 100
126 100.8 16.5 49.5#

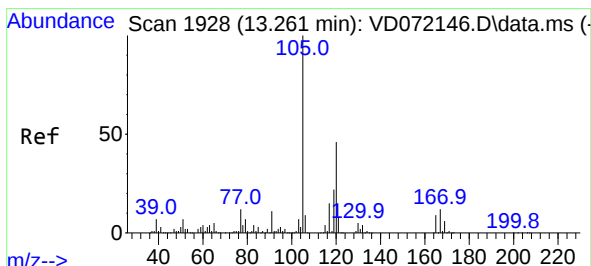
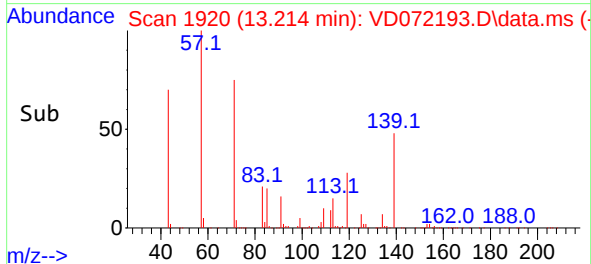
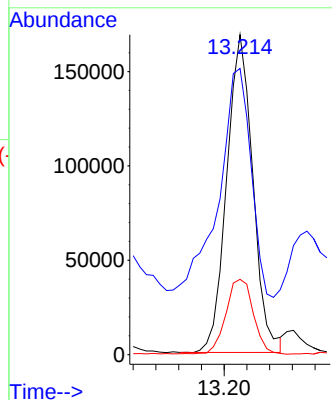
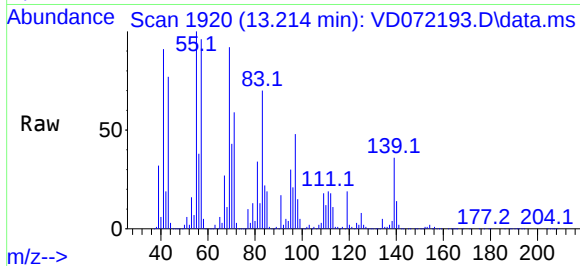




#83
tert-Butylbenzene
Concen: 9.501 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

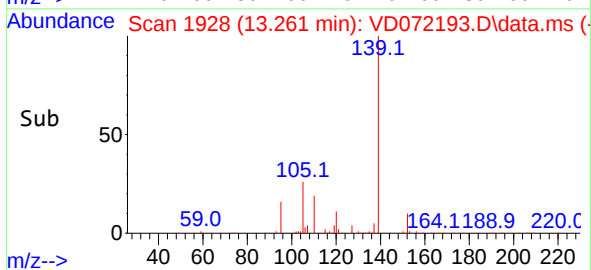
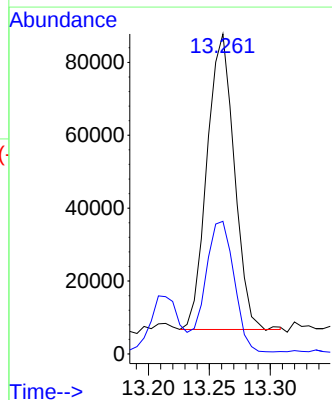
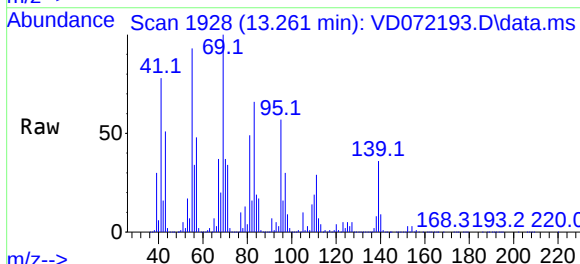
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-(3.5-4.0)

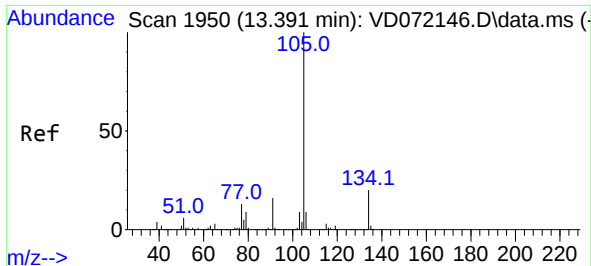
Tgt Ion:119 Resp: 269045
Ion Ratio Lower Upper
119 100
91 89.4 34.8 104.5
134 24.7 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 3.971 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

Tgt Ion:105 Resp: 126369
Ion Ratio Lower Upper
105 100
120 46.5 22.3 66.8

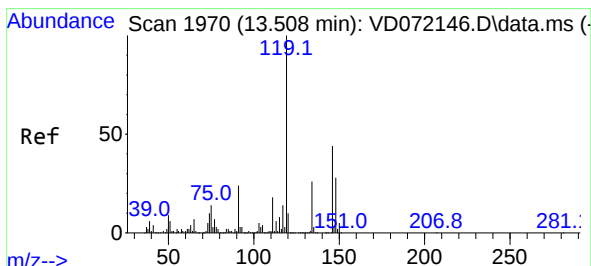
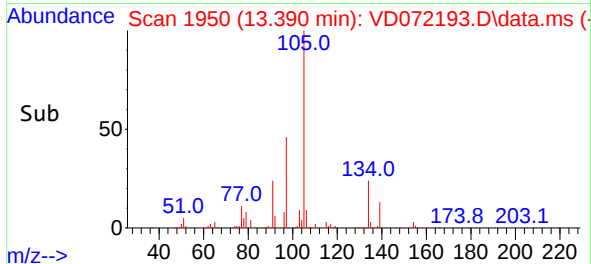
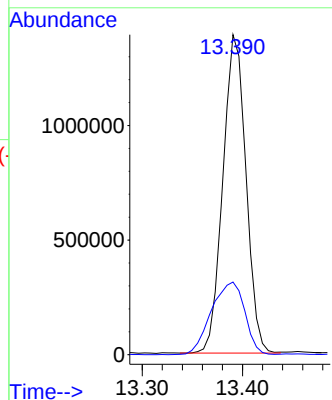
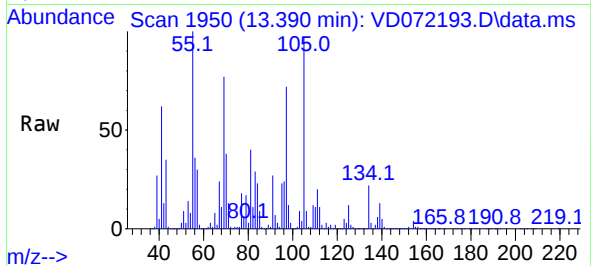




#85
 sec-Butylbenzene
 Concen: 52.269 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD072193.D
 Acq: 15 Mar 2022 17:14

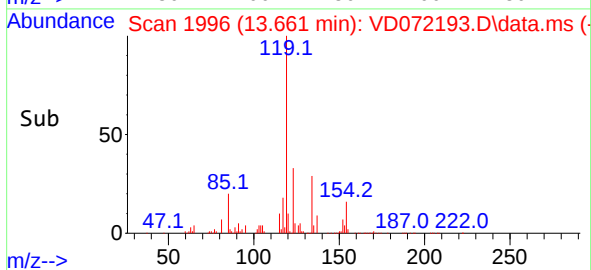
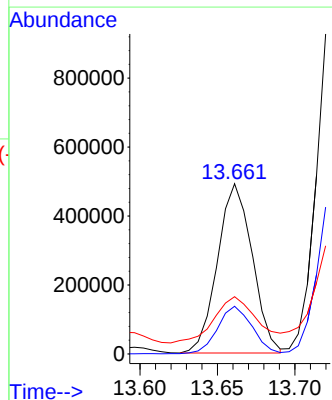
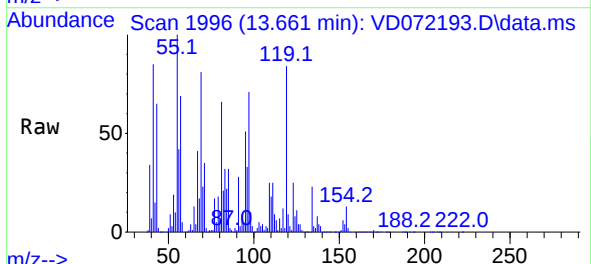
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-1A-4-(3.5-4.0)

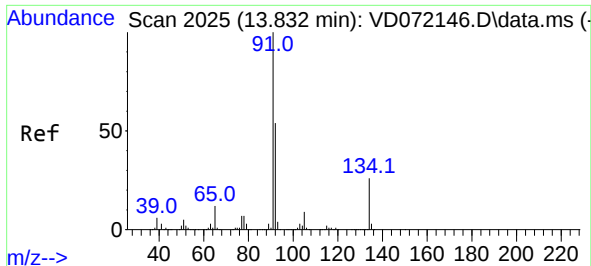
Tgt Ion:105 Resp: 2222717
 Ion Ratio Lower Upper
 105 100
 134 33.0 9.8 29.3#



#86
 p-Isopropyltoluene
 Concen: 21.873 ug/l
 RT: 13.661 min Scan# 1996
 Delta R.T. 0.153 min
 Lab File: VD072193.D
 Acq: 15 Mar 2022 17:14

Tgt Ion:119 Resp: 765400
 Ion Ratio Lower Upper
 119 100
 134 27.7 12.9 38.6
 91 33.0 12.1 36.3

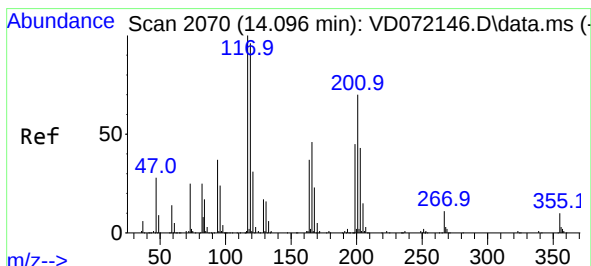
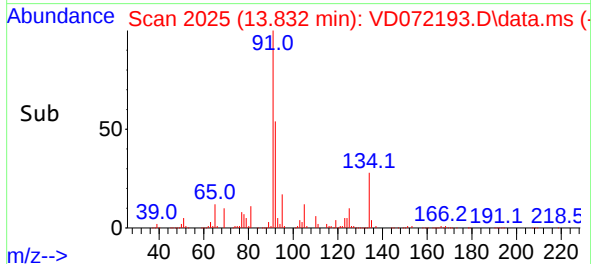
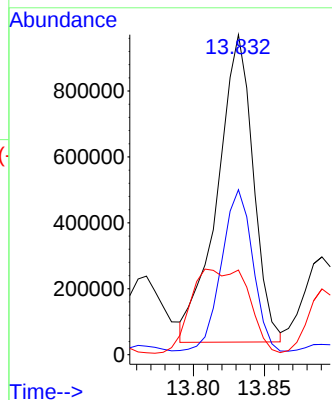
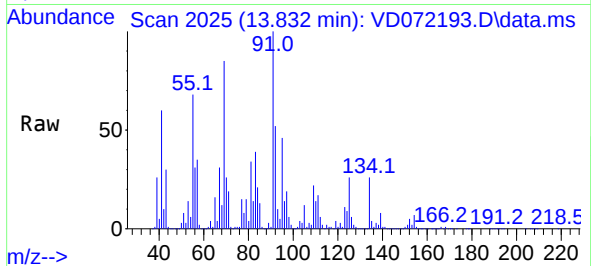




#89
n-Butylbenzene
Concen: 49.211 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

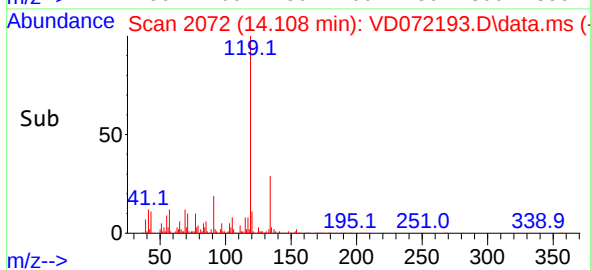
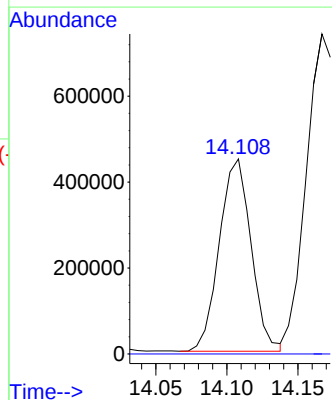
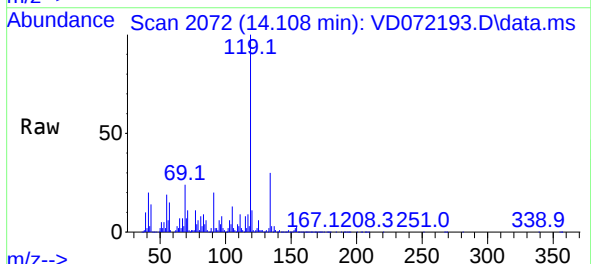
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4(3.5-4.0)

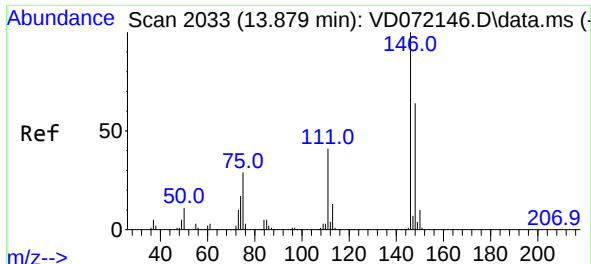
Tgt Ion: 91 Resp: 1641372
Ion Ratio Lower Upper
91 100
92 46.6 26.6 79.8
134 0.0 12.3 36.9#



#90
Hexachloroethane
Concen: 101.588 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.012 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

Tgt Ion: 117 Resp: 696728
Ion Ratio Lower Upper
117 100
201 0.0 33.4 100.2#





#91

1,2-Dichlorobenzene

Concen: 4.403 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VD072193.D

Acq: 15 Mar 2022 17:14

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-4-(3.5-4.0)

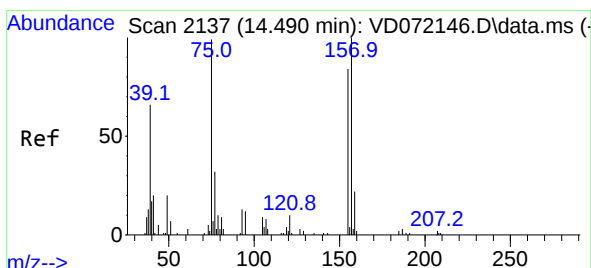
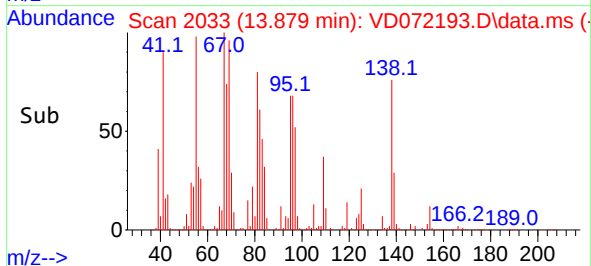
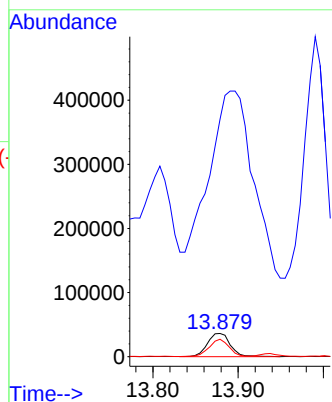
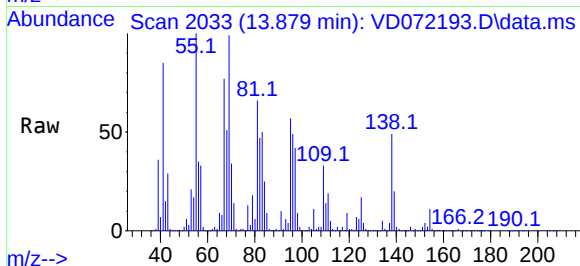
Tgt Ion:146 Resp: 68074

Ion Ratio Lower Upper

146 100

111 1707.2 21.1 63.3#

148 63.9 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.412 ug/l

RT: 14.508 min Scan# 2140

Delta R.T. 0.018 min

Lab File: VD072193.D

Acq: 15 Mar 2022 17:14

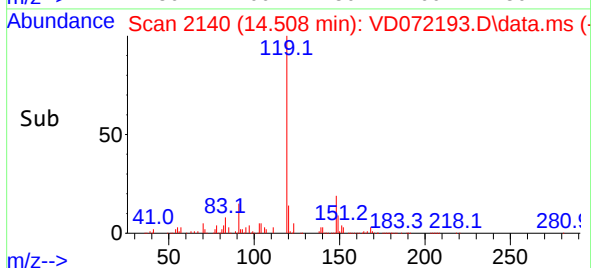
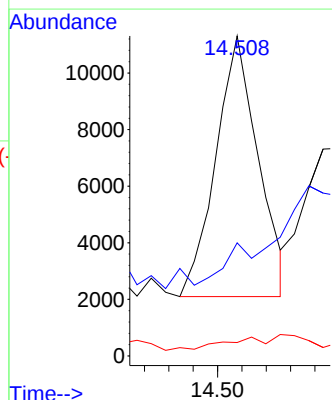
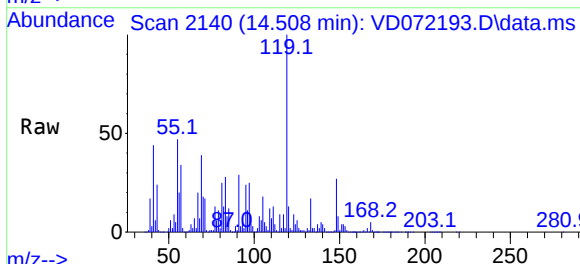
Tgt Ion: 75 Resp: 11173

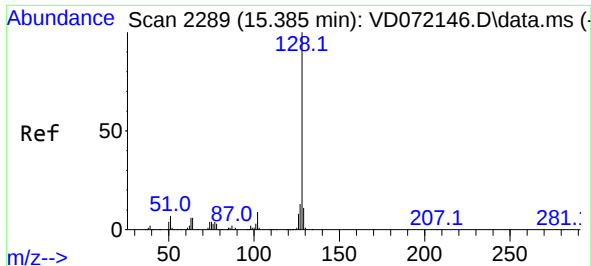
Ion Ratio Lower Upper

75 100

155 0.0 36.8 110.3#

157 0.0 48.4 145.0#

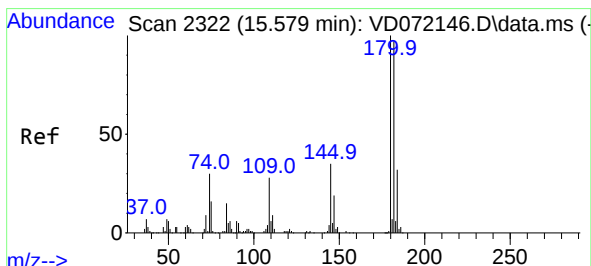
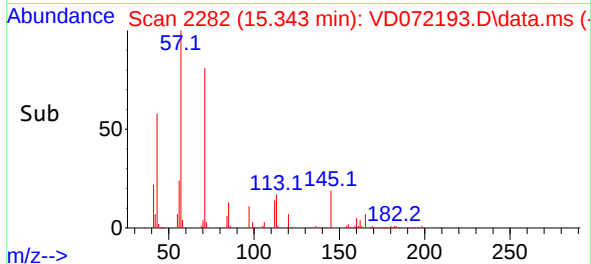
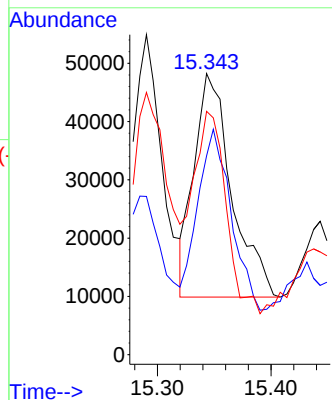
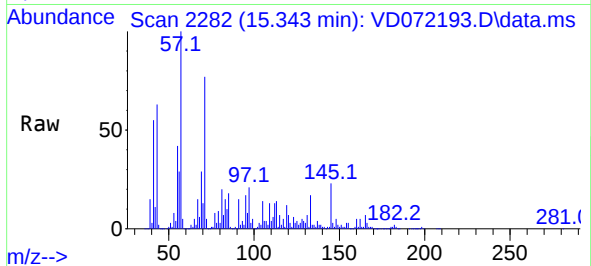




#95
Naphthalene
Concen: 5.012 ug/l
RT: 15.343 min Scan# 21
Delta R.T. -0.041 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4(3.5-4.0)

Tgt Ion:128 Resp: 88445
Ion Ratio Lower Upper
128 100
127 71.1 10.3 15.5#
129 79.7 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 2.852 ug/l
RT: 15.596 min Scan# 2325
Delta R.T. 0.018 min
Lab File: VD072193.D
Acq: 15 Mar 2022 17:14

Tgt Ion:180 Resp: 25272
Ion Ratio Lower Upper
180 100
182 0.0 47.6 142.9#
145 0.0 17.1 51.3#

