

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
 Data File : VD072194.D
 Acq On : 15 Mar 2022 17:43
 Operator : VA/SY
 Sample : N1905-09
 Misc : 4.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-1A-2-(4.0-4.5)

Quant Time: Mar 16 01:01:28 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	510946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	928841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	686634	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.549	152	766202	50.000	ug/l	#-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	279927	49.160	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.320%
35) Dibromofluoromethane	7.908	113	282148	43.166	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.340%
50) Toluene-d8	10.344	98	5133847	214.804	ug/l	0.01
Spiked Amount	50.000	Range	49 - 140	Recovery	=	429.600%#
62) 4-Bromofluorobenzene	12.626	95	3111563	335.063	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	670.120%#

Target Compounds						Qvalue
3) Chloromethane	2.173	50	5028	1.197	ug/l #	75
6) Chloroethane	3.026	64	3080	1.149	ug/l #	1
10) Methyl Iodide	4.291	142	425	2.304	ug/l #	83
11) Tert butyl alcohol	5.185	59	7289	22.077	ug/l #	74
13) Acrolein	4.138	56	1144054	3883.340	ug/l #	73
14) Allyl chloride	4.950	41	7755090	944.535	ug/l #	59
15) Acrylonitrile	5.497	53	1435298	1125.083	ug/l #	40
16) Acetone	4.138	43	3342494	2703.568	ug/l #	60
17) Carbon Disulfide	4.403	76	61171	6.918	ug/l #	93
18) Methyl Acetate	4.950	43	19014530	6275.942	ug/l #	55
20) Methylene Chloride	4.944	84	16995	Below Cal	#	1
25) 2-Butanone	7.208	43	1704531	1034.045	ug/l #	56
29) Tetrahydrofuran	7.738	42	301924	311.491	ug/l #	1
30) Chloroform	7.732	83	14615	1.242	ug/l #	1
31) Cyclohexane	7.985	56	2806076	315.420	ug/l #	95
37) Ethyl Acetate	7.208	43	1704531	424.364	ug/l #	74
38) Carbon Tetrachloride	7.979	117	53021	5.087	ug/l #	16
39) Methylcyclohexane	9.361	83	33205688	3218.068	ug/l	87
40) Benzene	8.350	78	416405	15.918	ug/l	100
41) Methacrylonitrile	7.738	41	1923878	821.762	ug/l #	60
42) 1,2-Dichloroethane	8.461	62	70497	8.884	ug/l #	1
43) Isopropyl Acetate	8.455	43	15713129	2015.492	ug/l #	54
45) 1,2-Dichloropropane	9.414	63	54095	7.540	ug/l #	1
46) Dibromomethane	9.426	93	14301	4.052	ug/l #	1
47) Bromodichloromethane	9.638	83	2636102	256.225	ug/l #	45
48) Methyl methacrylate	9.414	41	8955738	2405.782	ug/l #	49
49) 1,4-Dioxane	9.426	88	325	7.680	ug/l #	1
51) 4-Methyl-2-Pentanone	10.155	43	26951786	6582.064	ug/l #	39
52) Toluene	10.402	92	117858	6.847	ug/l #	1
53) t-1,3-Dichloropropene	10.644	75	10516	1.119	ug/l #	1
54) cis-1,3-Dichloropropene	10.108	75	13468	1.239	ug/l #	1
55) 1,1,2-Trichloroethane	10.773	97	19900658	3701.708	ug/l #	21
56) Ethyl methacrylate	10.644	69	12857268	2041.828	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.926	63	36870	13.022	ug/l #	50
59) 2-Hexanone	10.949	43	3471963	1227.662	ug/l	97
60) Dibromochloromethane	11.073	129	120897	17.330	ug/l	60

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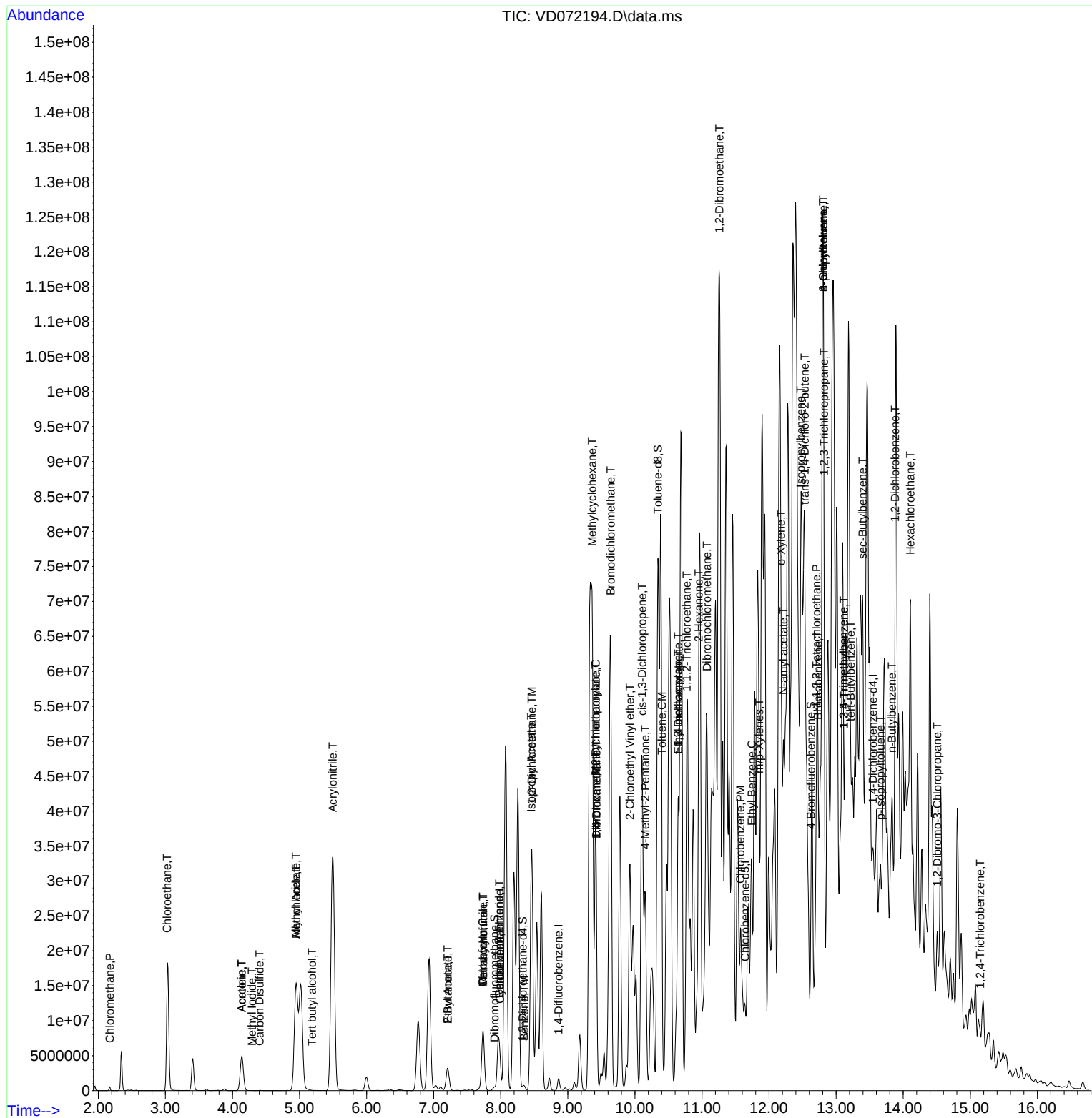
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
61) 1,2-Dibromoethane	11.261	107	37737	7.768	ug/l	#	3
65) Chlorobenzene	11.573	112	482341	31.686	ug/l	#	43
67) Ethyl Benzene	11.743	91	421563	15.506	ug/l	#	85
68) m/p-Xylenes	11.855	106	195858	18.972	ug/l	#	24
69) o-Xylene	12.179	106	111546	11.296	ug/l	#	1
73) Isopropylbenzene	12.473	105	18350437	302.226	ug/l		86
74) N-aryl acetate	12.214	43	2188942	167.757	ug/l	#	45
75) 1,1,2,2-Tetrachloroethane	12.708	83	2839580	261.490	ug/l	#	91
76) 1,2,3-Trichloropropane	12.820	75	232770	27.541	ug/l	#	100
77) Bromobenzene	12.732	156	48280	3.533	ug/l	#	1
78) n-propylbenzene	12.808	91	20686214	280.488	ug/l	#	68
79) 2-Chlorotoluene	12.808	91	20686214	485.067	ug/l	#	59
80) 1,3,5-Trimethylbenzene	13.114	105	1070654	20.525	ug/l		71
81) trans-1,4-Dichloro-2-b...	12.532	75	11133	3.268	ug/l	#	1
82) 4-Chlorotoluene	12.808	91	20624882	467.083	ug/l	#	58
83) tert-Butylbenzene	13.220	119	1247832	27.286	ug/l		82
84) 1,2,4-Trimethylbenzene	13.114	105	1070654	20.831	ug/l		76
85) sec-Butylbenzene	13.396	105	13620454	198.327	ug/l	#	65
86) p-Isopropyltoluene	13.661	119	2974879	52.641	ug/l		90
89) n-Butylbenzene	13.832	91	8222791	152.653	ug/l	#	87
90) Hexachloroethane	14.108	117	2017451	182.145	ug/l	#	17
91) 1,2-Dichlorobenzene	13.879	146	63299	2.535	ug/l	#	1
92) 1,2-Dibromo-3-Chloropr...	14.508	75	30207	17.430	ug/l	#	6
93) 1,2,4-Trichlorobenzene	15.149	180	18122	1.096	ug/l	#	1

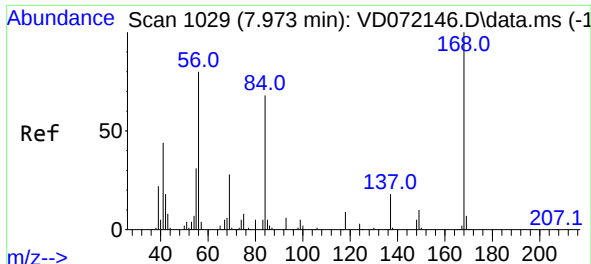
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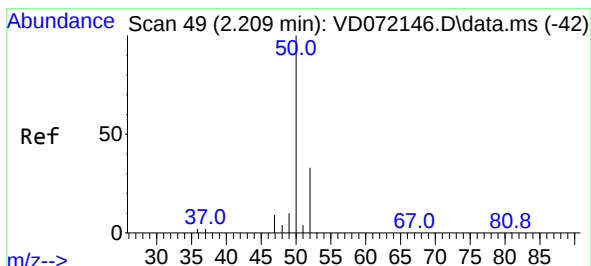
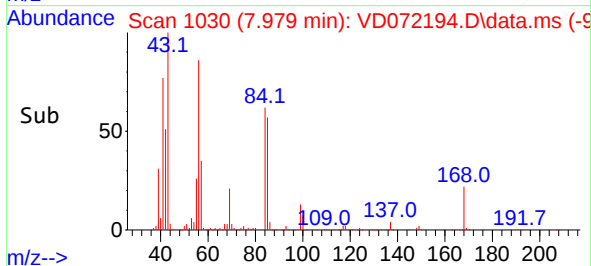
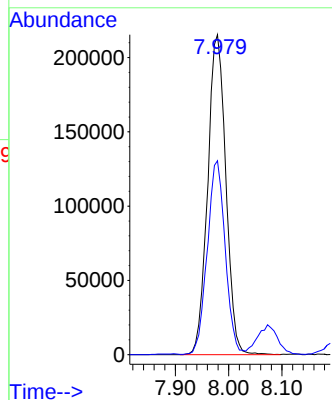
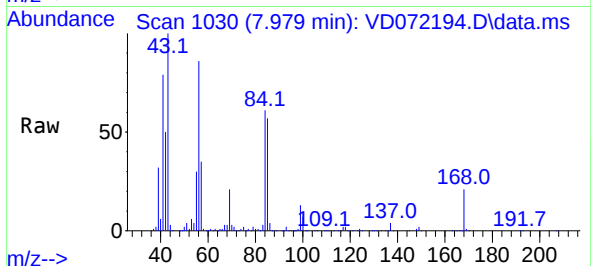




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
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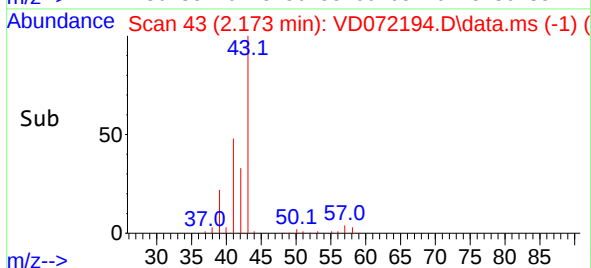
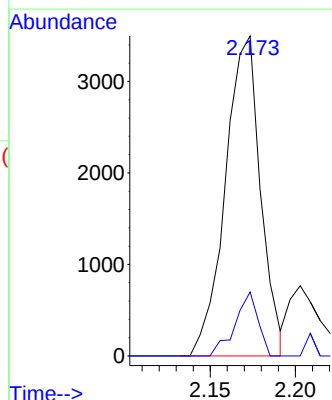
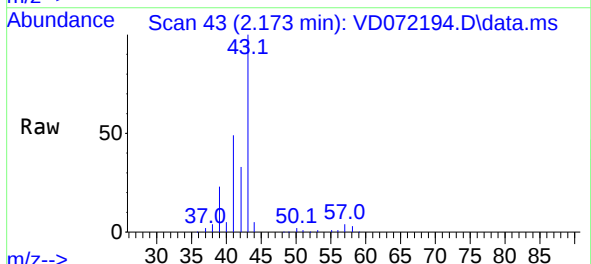
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MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

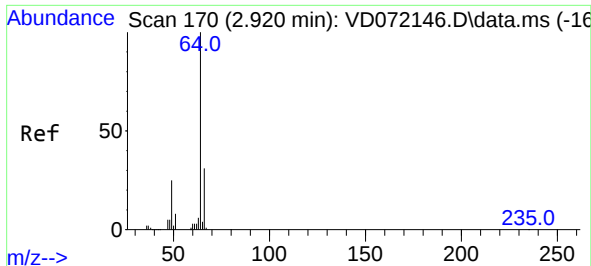
Tgt Ion:168 Resp: 510946
Ion Ratio Lower Upper
168 100
99 60.5 49.8 74.6



#3
Chloromethane
Concen: 1.197 ug/l
RT: 2.173 min Scan# 43
Delta R.T. -0.035 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Tgt Ion: 50 Resp: 5028
Ion Ratio Lower Upper
50 100
52 20.0 27.4 41.0#

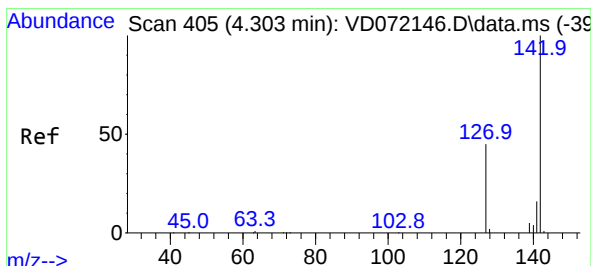
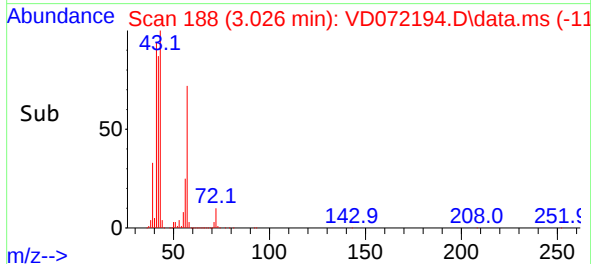
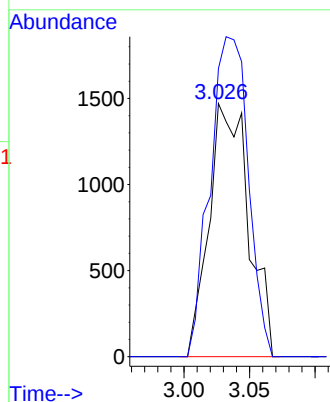
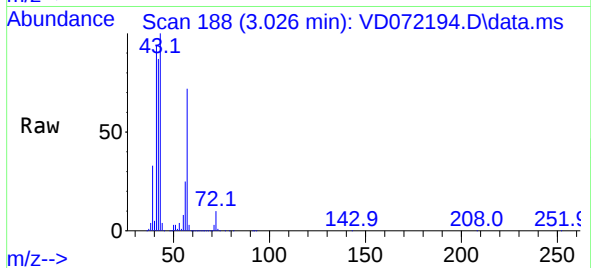




#6
Chloroethane
Concen: 1.149 ug/l
RT: 3.026 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

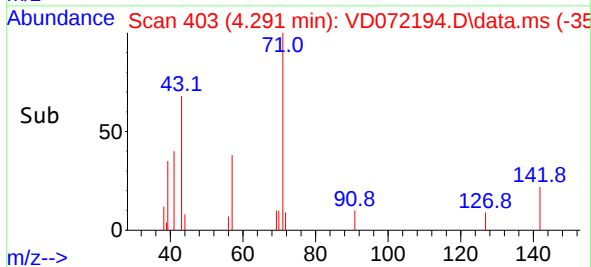
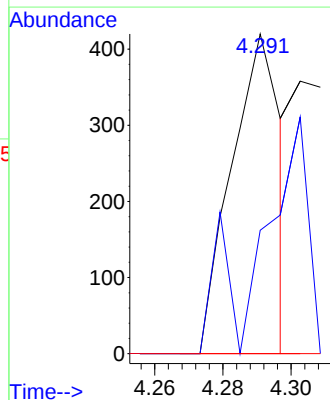
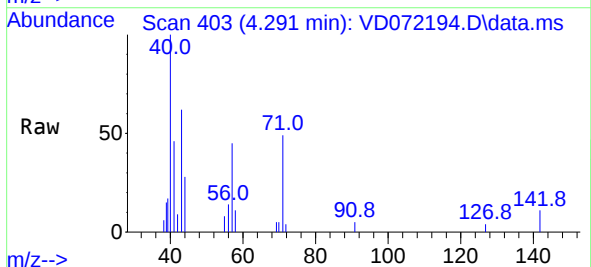
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WC-14A-1A-2-(4.0-4.5)

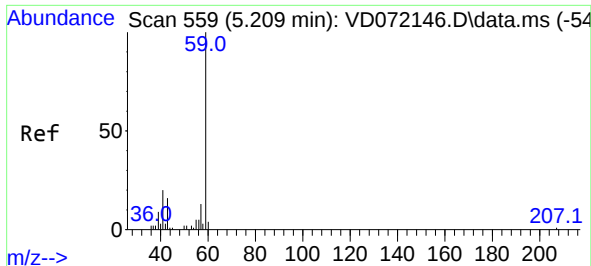
Tgt Ion: 64 Resp: 3080
Ion Ratio Lower Upper
64 100
66 113.9 25.9 38.9#



#10
Methyl Iodide
Concen: 2.304 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.012 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Tgt Ion: 142 Resp: 425
Ion Ratio Lower Upper
142 100
127 54.4 37.3 55.9
141 0.0 11.7 17.5#

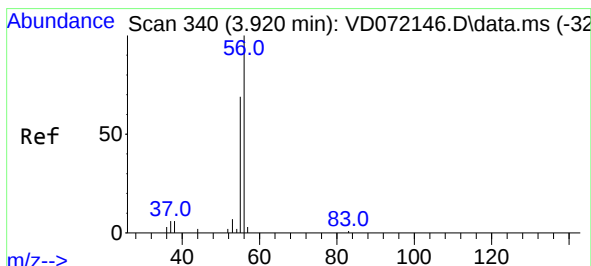
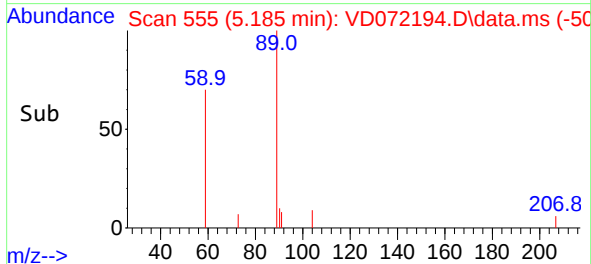
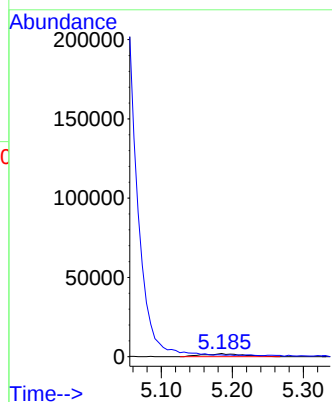
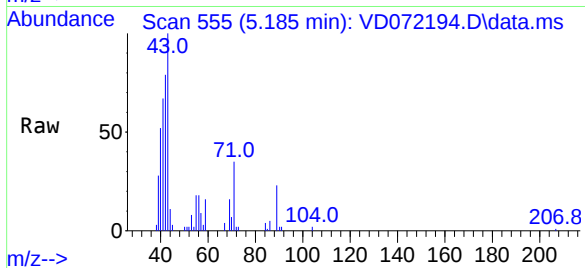




#11
Tert butyl alcohol
Concen: 22.077 ug/l
RT: 5.185 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

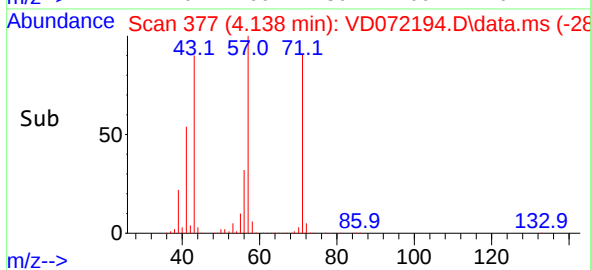
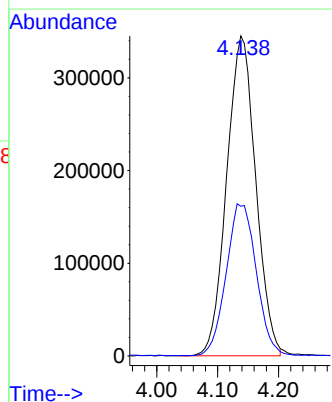
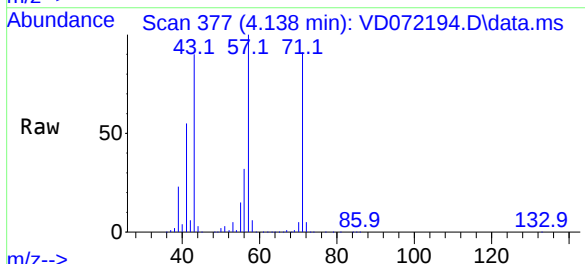
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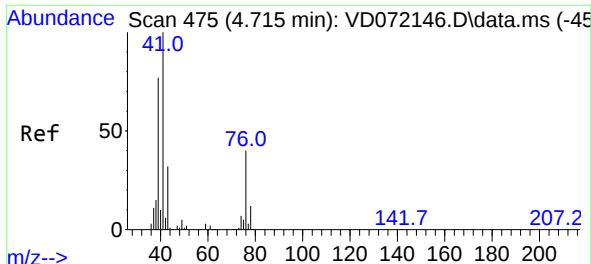
Tgt Ion: 59 Resp: 7289
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#13
Acrolein
Concen: 3883.340 ug/l
RT: 4.138 min Scan# 377
Delta R.T. 0.218 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Tgt Ion: 56 Resp: 1144054
Ion Ratio Lower Upper
56 100
55 49.1 57.1 85.7#

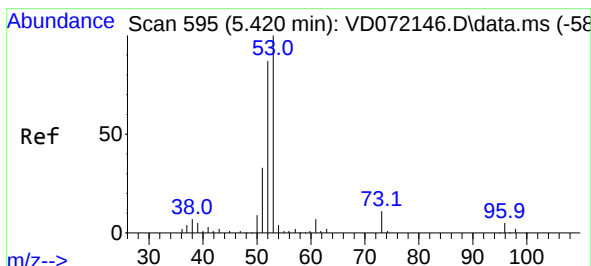
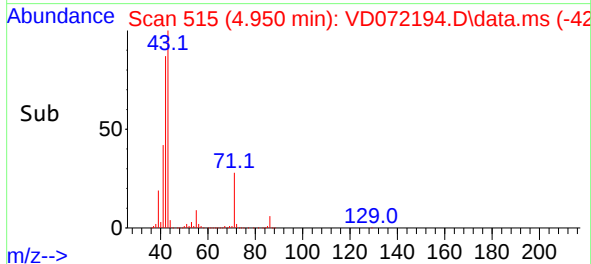
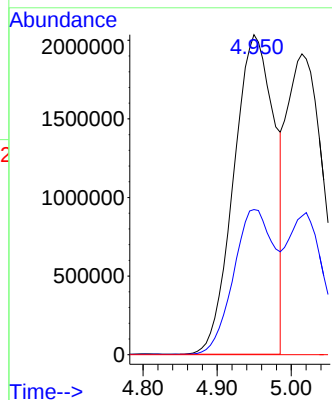
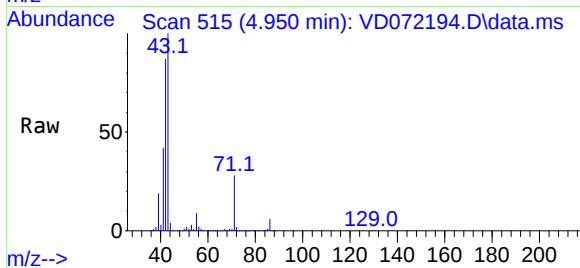




#14
 Allyl chloride
 Concen: 944.535 ug/l
 RT: 4.950 min Scan# 511
 Delta R.T. 0.235 min
 Lab File: VD072194.D
 Acq: 15 Mar 2022 17:43

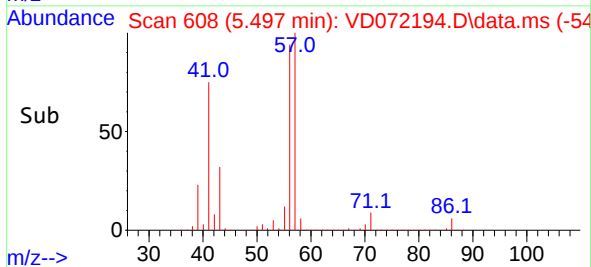
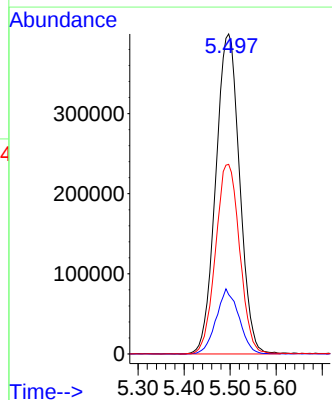
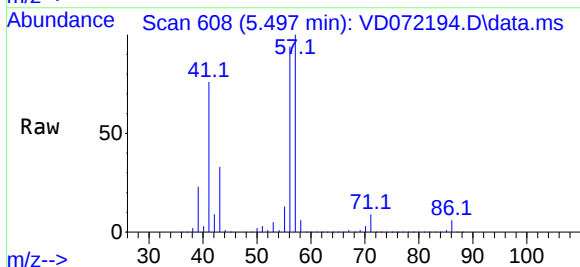
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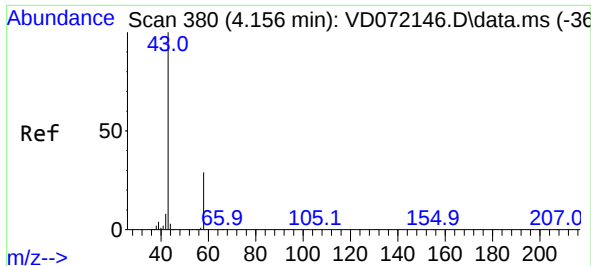
Tgt Ion: 41 Resp: 7755090
 Ion Ratio Lower Upper
 41 100
 39 45.8 59.3 88.9#
 76 0.0 25.7 38.5#



#15
 Acrylonitrile
 Concen: 1125.083 ug/l
 RT: 5.497 min Scan# 608
 Delta R.T. 0.076 min
 Lab File: VD072194.D
 Acq: 15 Mar 2022 17:43

Tgt Ion: 53 Resp: 1435298
 Ion Ratio Lower Upper
 53 100
 52 19.3 67.2 100.8#
 51 59.9 30.3 45.5#

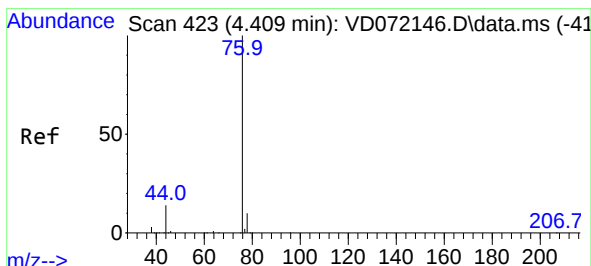
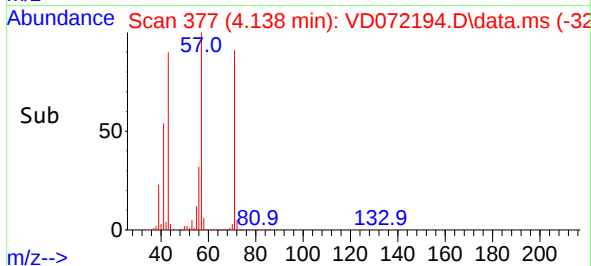
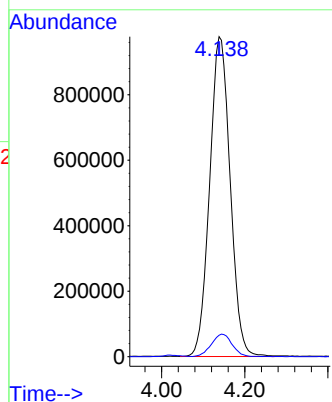
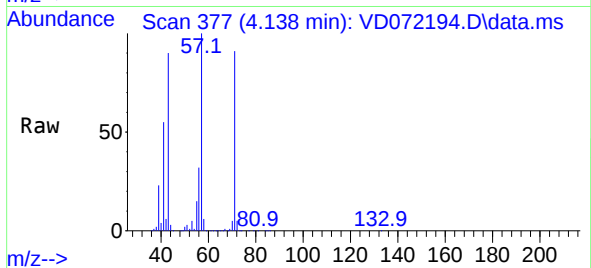




#16
Acetone
Concen: 2703.568 ug/l
RT: 4.138 min Scan# 31
Delta R.T. -0.018 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

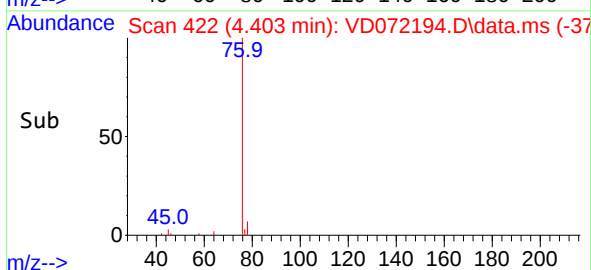
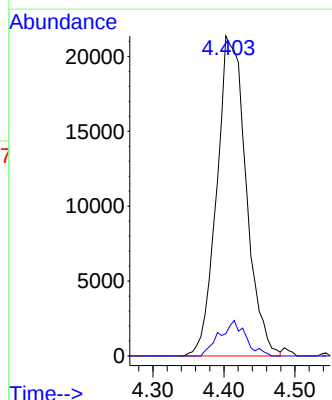
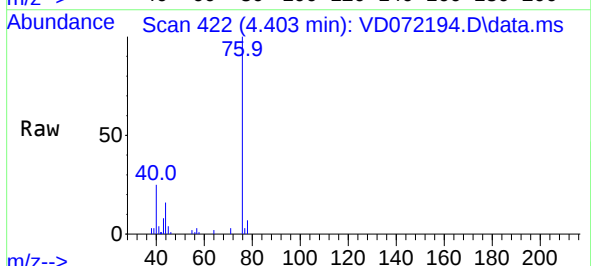
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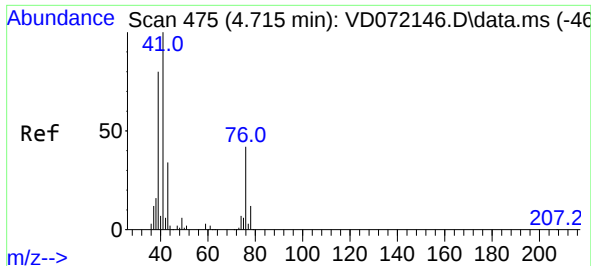
Tgt Ion: 43 Resp: 3342494
Ion Ratio Lower Upper
43 100
58 6.6 22.1 33.1#



#17
Carbon Disulfide
Concen: 6.918 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Tgt Ion: 76 Resp: 61171
Ion Ratio Lower Upper
76 100
78 7.0 7.5 11.3#

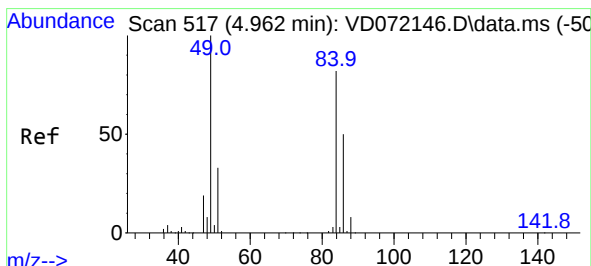
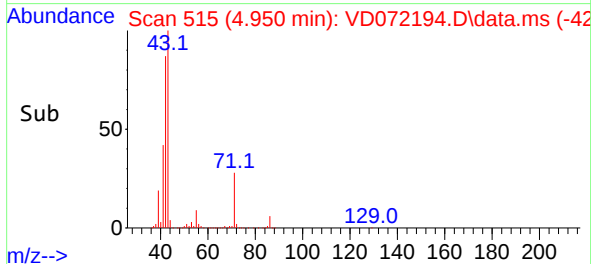
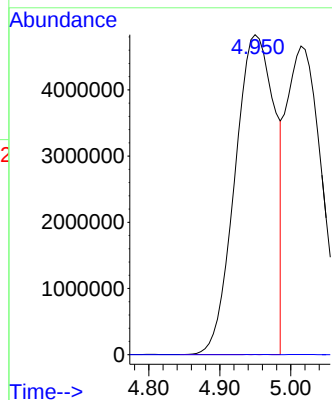
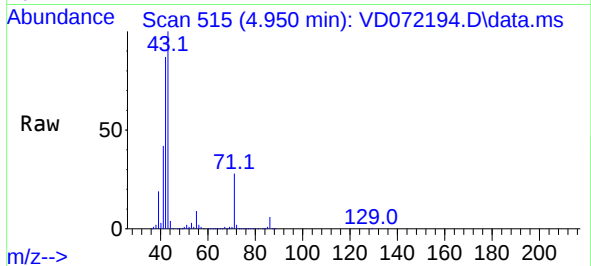




#18
Methyl Acetate
Concen: 6275.942 ug/l
RT: 4.950 min Scan# 514
Delta R.T. 0.235 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

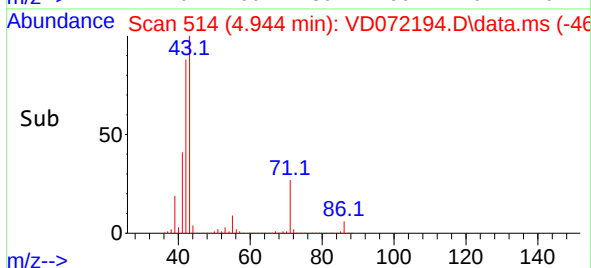
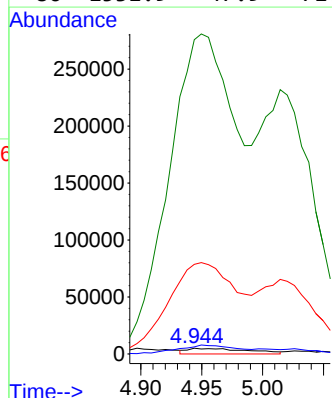
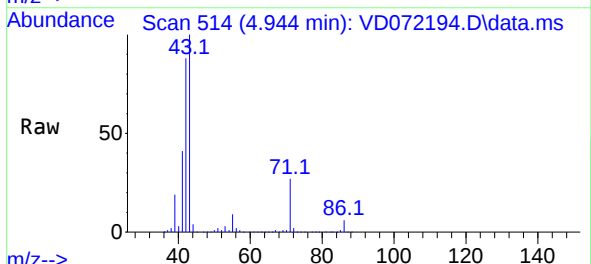
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

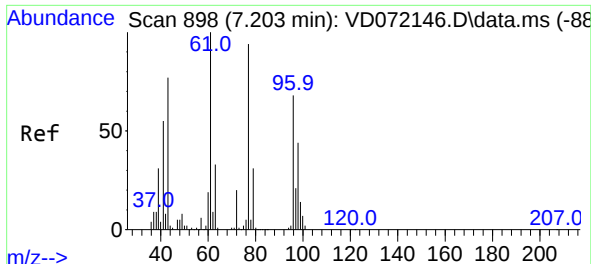
Tgt Ion: 43 Resp:19014530
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.944 min Scan# 514
Delta R.T. -0.018 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Tgt Ion: 84 Resp: 16995
Ion Ratio Lower Upper
84 100
49 72.6 112.8 169.2#
51 461.1 32.6 48.8#
86 1531.9 47.9 71.9#

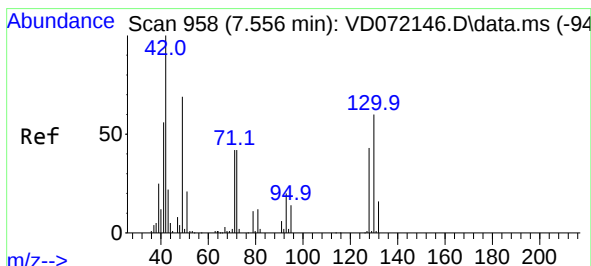
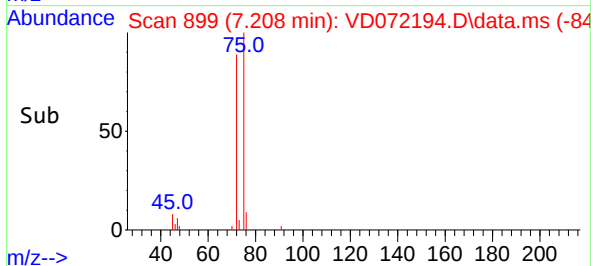
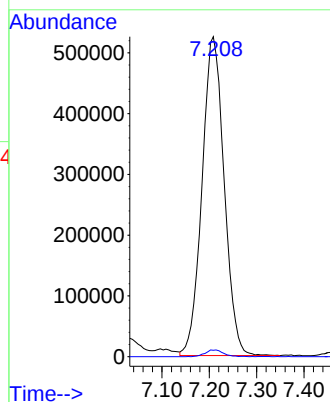
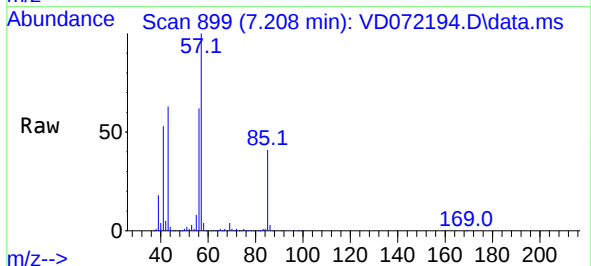




#25
2-Butanone
Concen: 1034.045 ug/l
RT: 7.208 min Scan# 898
Delta R.T. 0.006 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

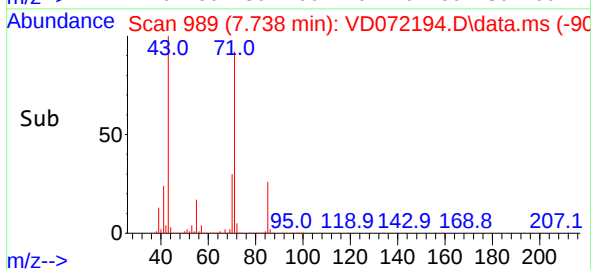
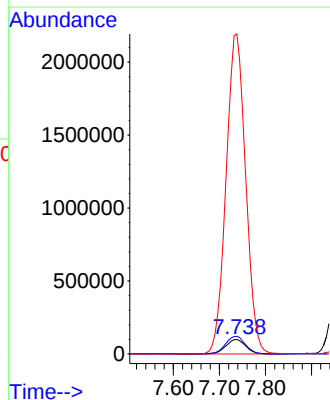
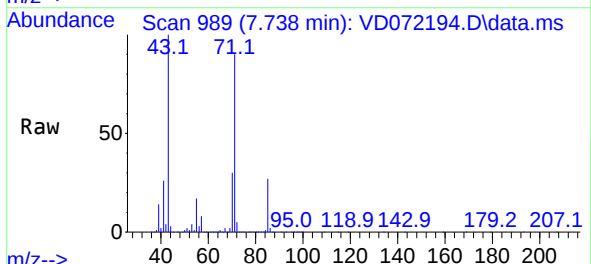
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

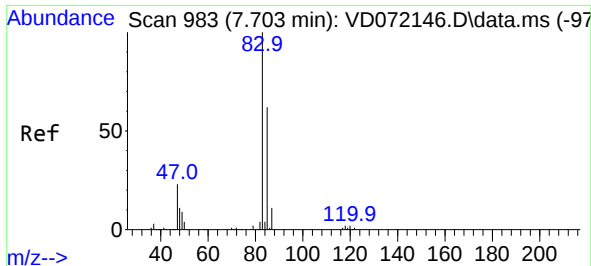
Tgt Ion: 43 Resp: 1704531
Ion Ratio Lower Upper
43 100
72 2.0 18.6 27.8#



#29
Tetrahydrofuran
Concen: 311.491 ug/l
RT: 7.738 min Scan# 989
Delta R.T. 0.182 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Tgt Ion: 42 Resp: 301924
Ion Ratio Lower Upper
42 100
72 119.5 30.7 46.1#
71 2141.0 28.6 43.0#

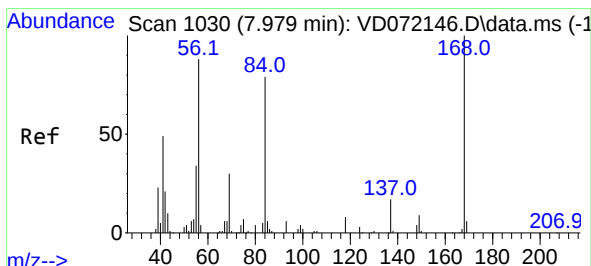
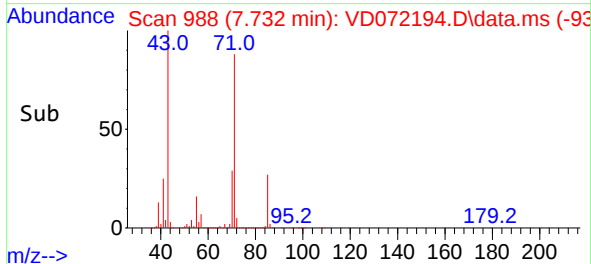
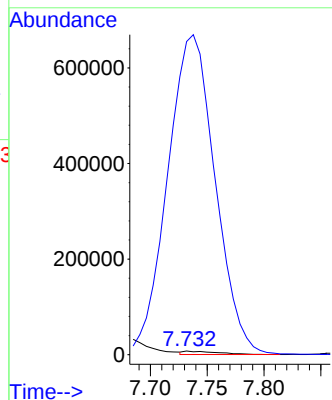
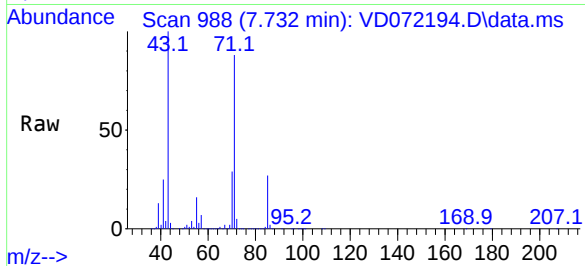




#30
Chloroform
Concen: 1.242 ug/l
RT: 7.732 min Scan# 983
Delta R.T. 0.029 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

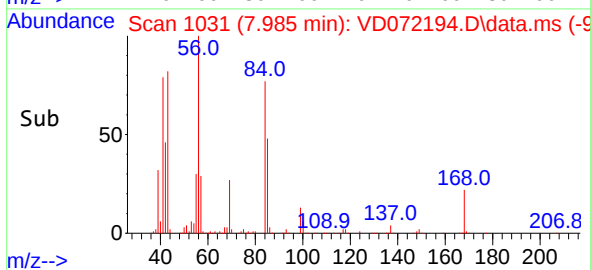
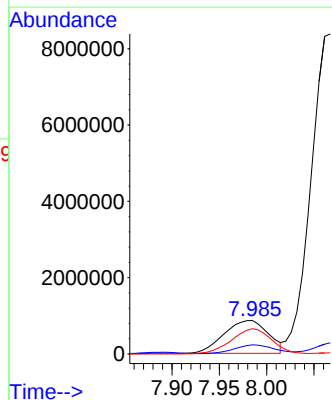
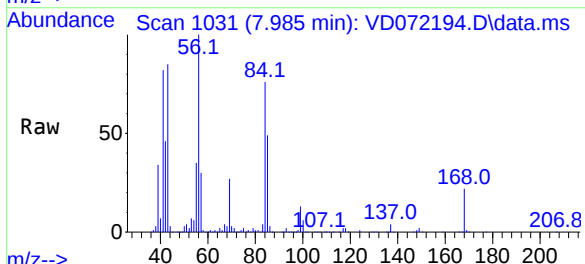
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

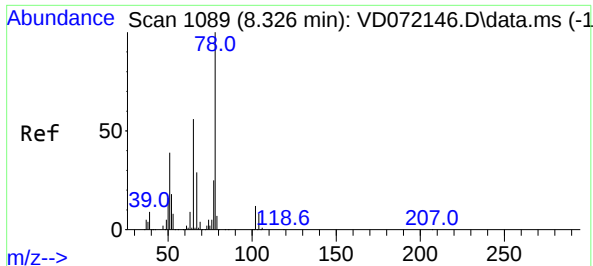
Tgt Ion: 83 Resp: 14615
Ion Ratio Lower Upper
83 100
85 8717.7 52.7 79.1#



#31
Cyclohexane
Concen: 315.420 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Tgt Ion: 56 Resp: 2806076
Ion Ratio Lower Upper
56 100
69 25.1 25.4 38.2#
84 77.0 63.0 94.4





#33

1,2-Dichloroethane-d4

Concen: 49.160 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072194.D

Acq: 15 Mar 2022 17:43

Instrument :

MSVOA_D

ClientSampleId :

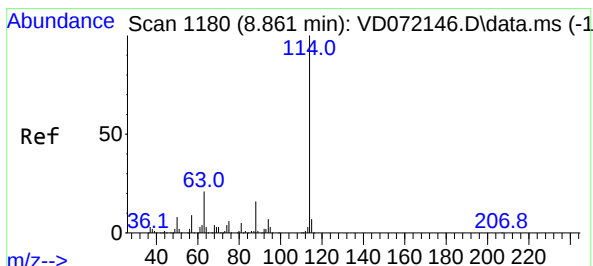
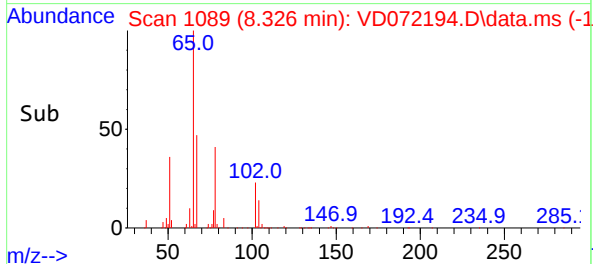
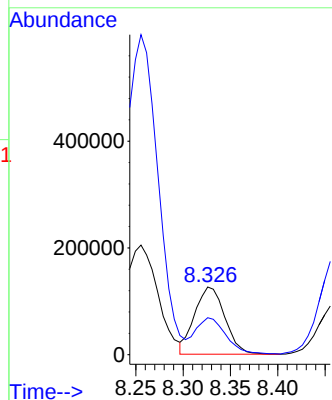
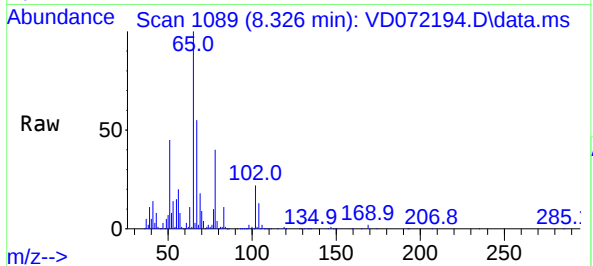
WC-14A-1A-2-(4.0-4.5)

Tgt Ion: 65 Resp: 279927

Ion Ratio Lower Upper

65 100

67 53.9 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: VD072194.D

Acq: 15 Mar 2022 17:43

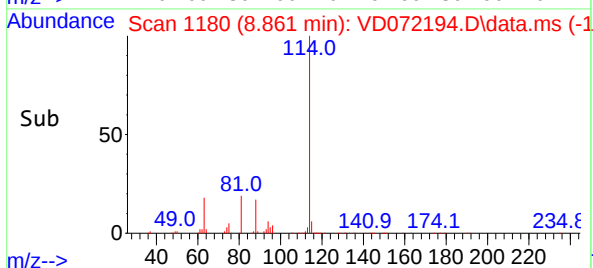
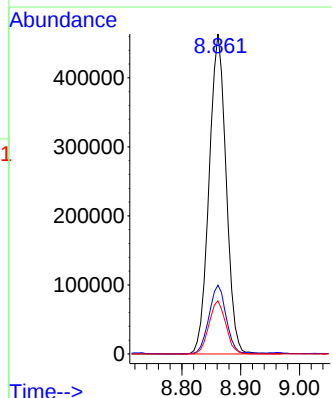
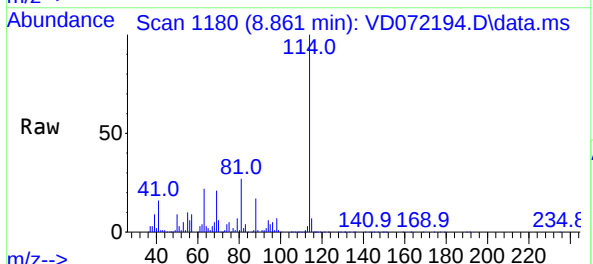
Tgt Ion: 114 Resp: 928841

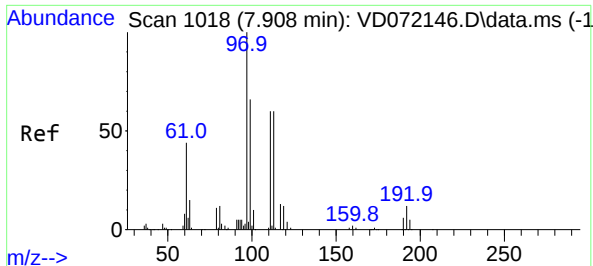
Ion Ratio Lower Upper

114 100

63 21.4 0.0 46.6

88 16.6 0.0 33.2

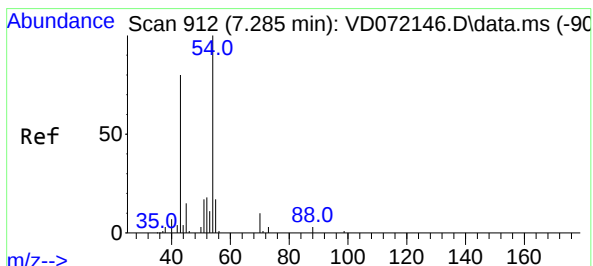
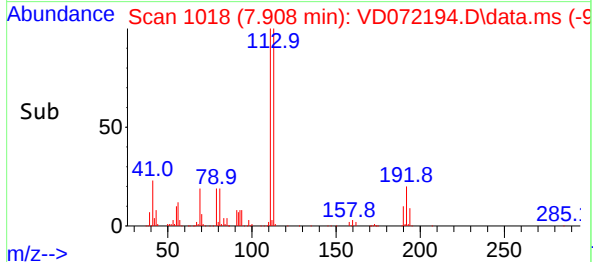
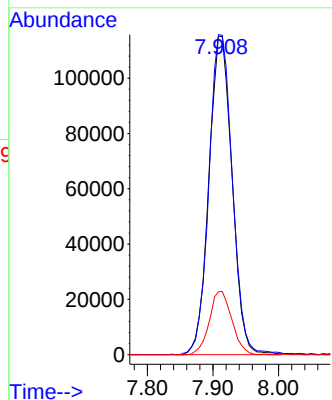
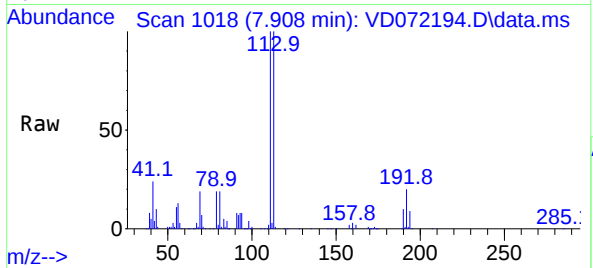




#35
Dibromofluoromethane
Concen: 43.166 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

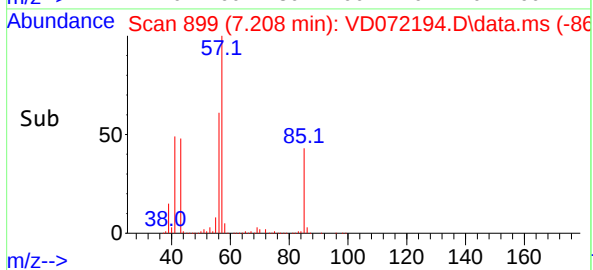
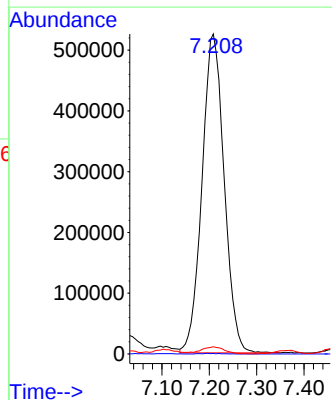
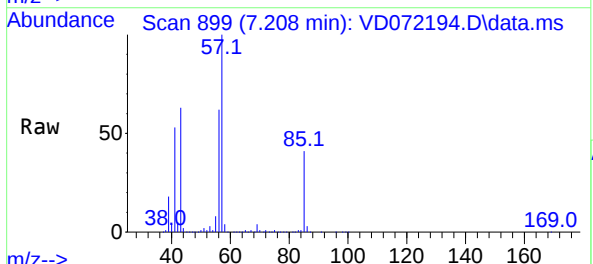
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

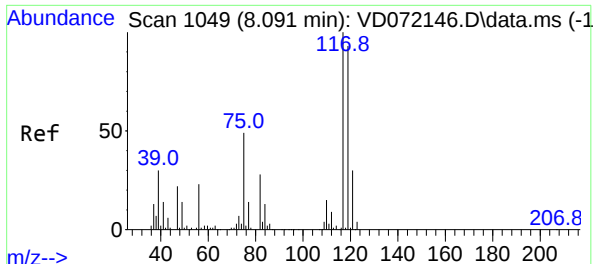
Tgt Ion:113 Resp: 282148
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.6
192 19.3 14.6 21.8



#37
Ethyl Acetate
Concen: 424.364 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.077 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Tgt Ion: 43 Resp: 1704531
Ion Ratio Lower Upper
43 100
61 0.1 9.8 14.8#
70 2.3 6.9 10.3#

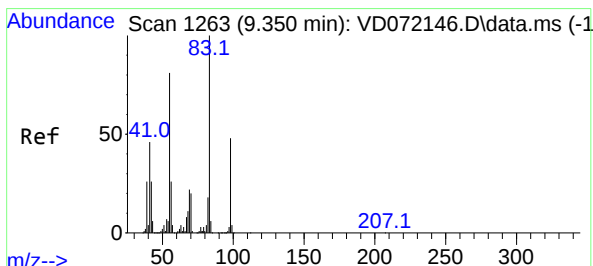
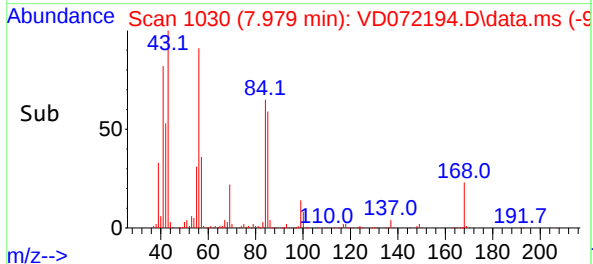
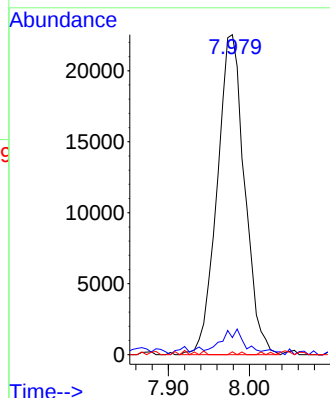
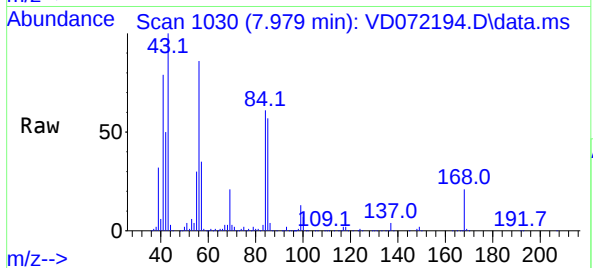




#38
Carbon Tetrachloride
Concen: 5.087 ug/l
RT: 7.979 min Scan# 1049
Delta R.T. -0.112 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

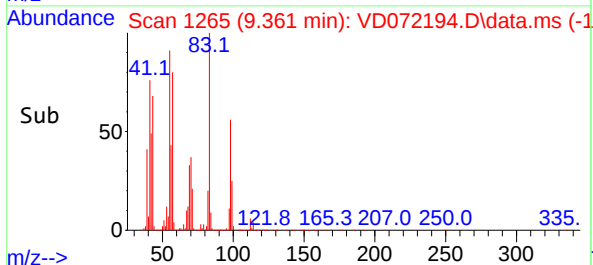
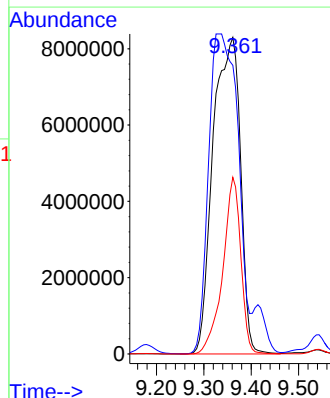
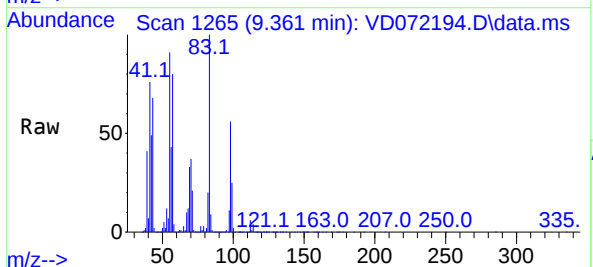
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

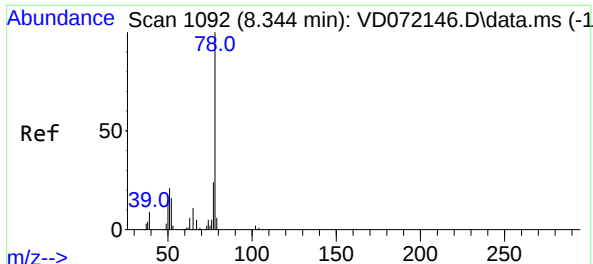
Tgt Ion:117 Resp: 53021
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.6#
121 0.9 24.5 36.7#



#39
Methylcyclohexane
Concen: 3218.068 ug/l
RT: 9.361 min Scan# 1265
Delta R.T. 0.012 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Tgt Ion: 83 Resp:33205688
Ion Ratio Lower Upper
83 100
55 91.1 63.2 94.8
98 55.8 38.2 57.4

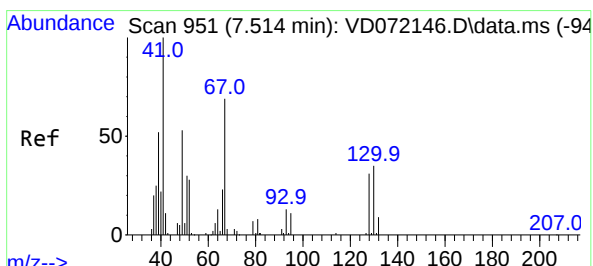
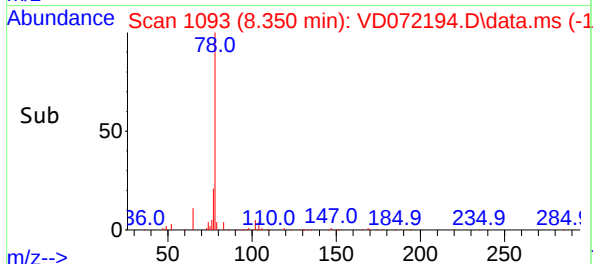
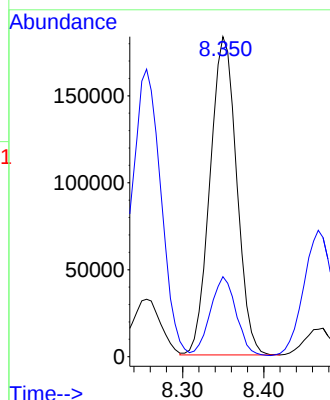
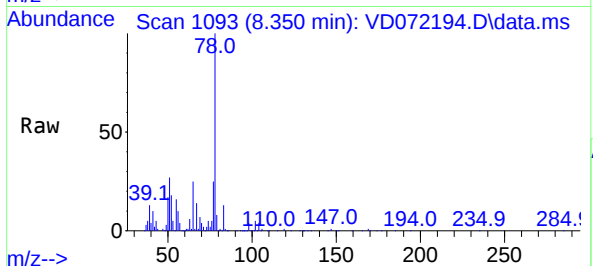




#40
Benzene
Concen: 15.918 ug/l
RT: 8.350 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

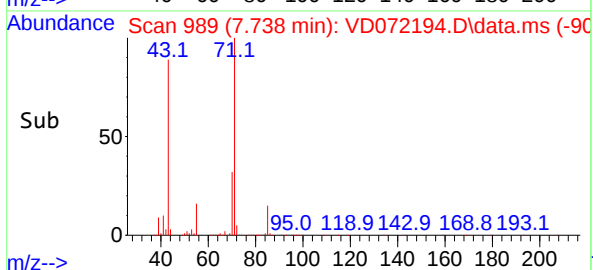
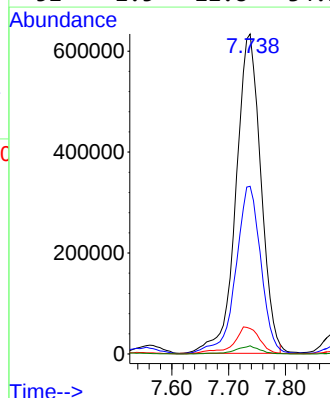
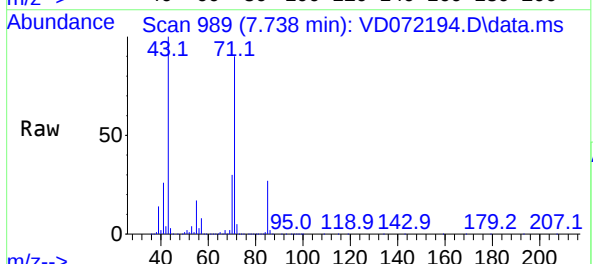
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

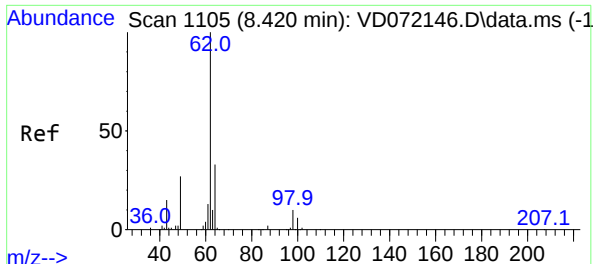
Tgt Ion: 78 Resp: 416405
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7



#41
Methacrylonitrile
Concen: 821.762 ug/l
RT: 7.738 min Scan# 989
Delta R.T. 0.223 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Tgt Ion: 41 Resp: 1923878
Ion Ratio Lower Upper
41 100
39 52.8 44.6 67.0
67 8.8 48.2 72.4#
52 2.5 22.8 34.2#

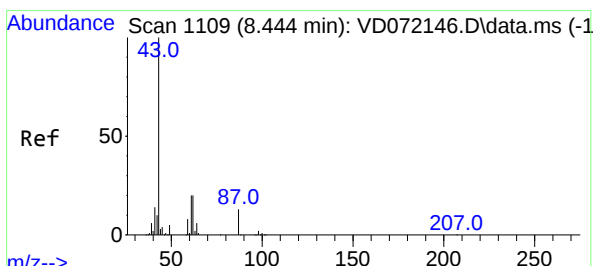
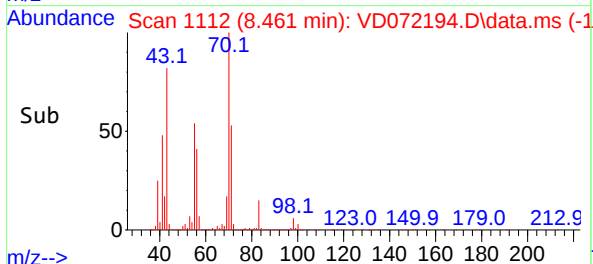
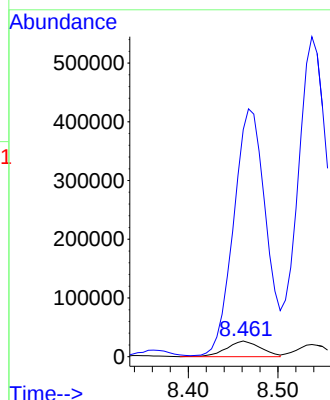
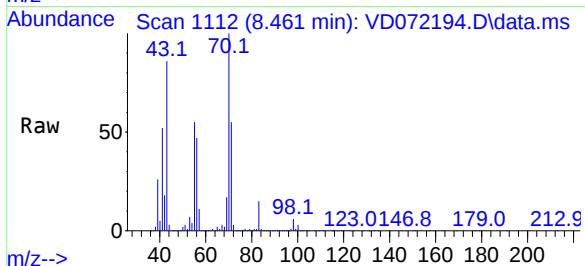




#42
1,2-Dichloroethane
Concen: 8.884 ug/l
RT: 8.461 min Scan# 1112
Delta R.T. 0.041 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

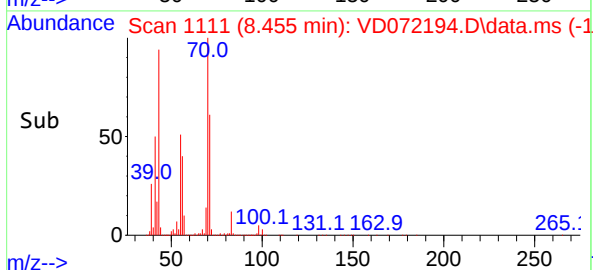
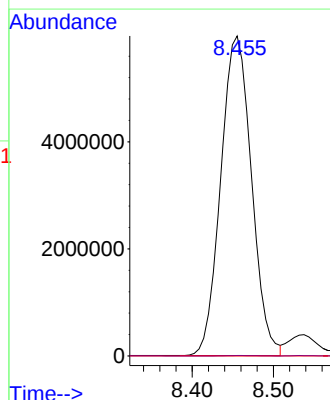
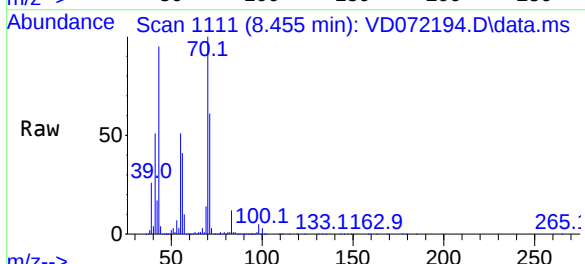
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

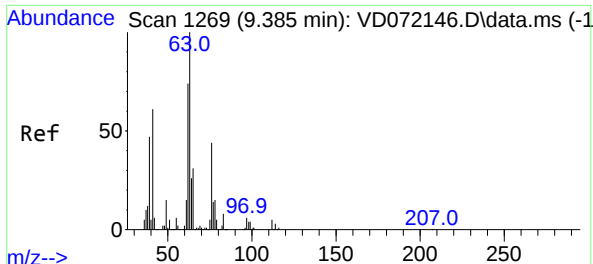
Tgt Ion: 62 Resp: 70497
Ion Ratio Lower Upper
62 100
98 1484.0 0.0 17.6#



#43
Isopropyl Acetate
Concen: 2015.492 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. 0.012 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Tgt Ion: 43 Resp:15713129
Ion Ratio Lower Upper
43 100
61 0.1 22.4 33.6#
87 0.0 8.7 13.1#

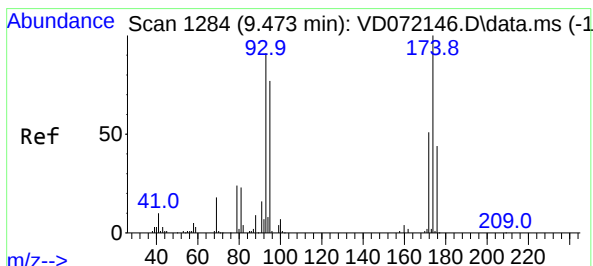
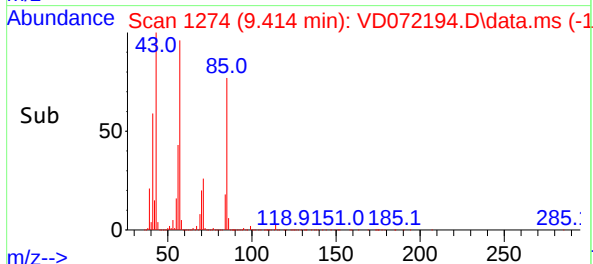
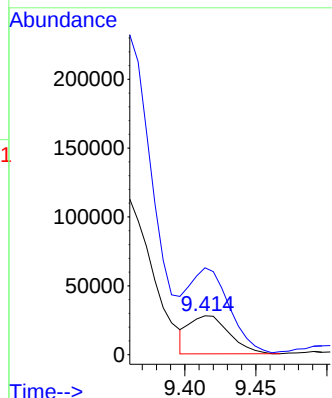
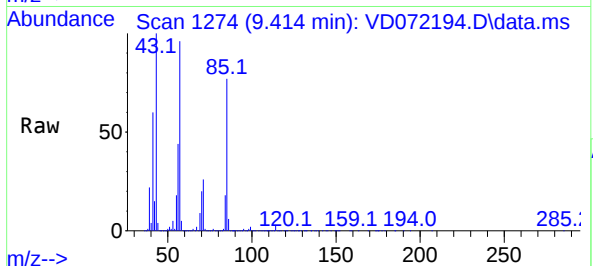




#45
1,2-Dichloropropane
Concen: 7.540 ug/l
RT: 9.414 min Scan# 1274
Delta R.T. 0.029 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

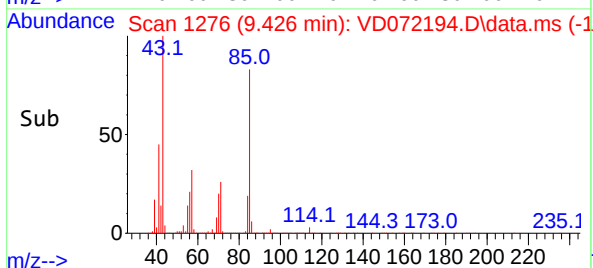
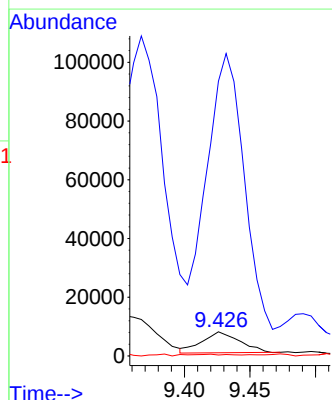
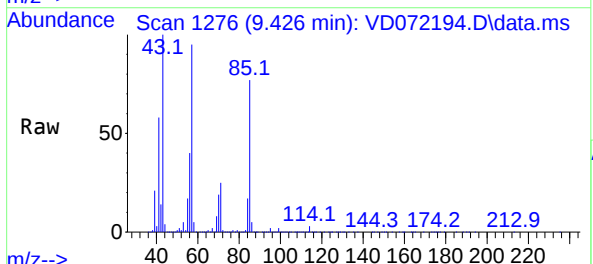
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

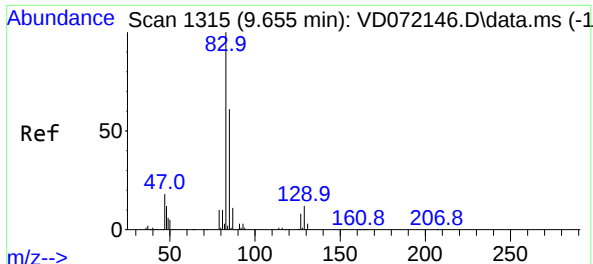
Tgt Ion: 63 Resp: 54095
Ion Ratio Lower Upper
63 100
65 221.7 26.2 39.4#



#46
Dibromomethane
Concen: 4.052 ug/l
RT: 9.426 min Scan# 1276
Delta R.T. -0.047 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Tgt Ion: 93 Resp: 14301
Ion Ratio Lower Upper
93 100
95 1470.3 66.7 100.1#
174 9.6 71.6 107.4#





#47

Bromodichloromethane

Concen: 256.225 ug/l

RT: 9.638 min Scan# 11

Delta R.T. -0.018 min

Lab File: VD072194.D

Acq: 15 Mar 2022 17:43

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-2-(4.0-4.5)

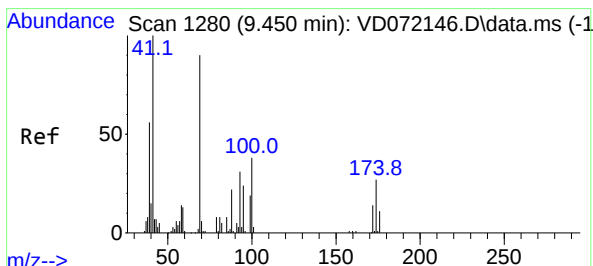
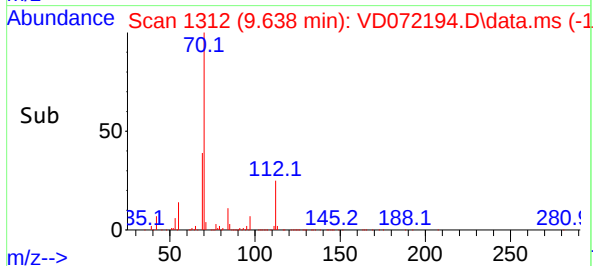
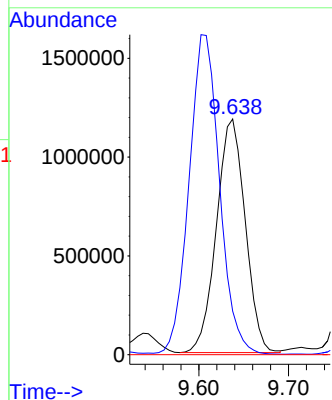
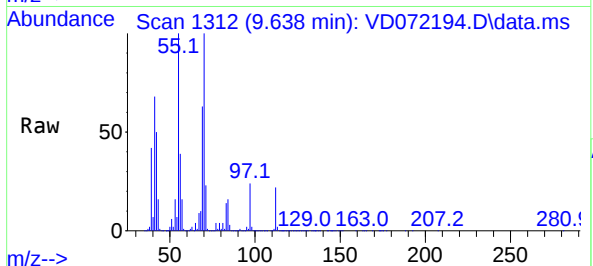
Tgt Ion: 83 Resp: 2636102

Ion Ratio Lower Upper

83 100

85 18.4 51.4 77.0#

127 0.0 6.1 9.1#



#48

Methyl methacrylate

Concen: 2405.782 ug/l

RT: 9.414 min Scan# 1274

Delta R.T. -0.035 min

Lab File: VD072194.D

Acq: 15 Mar 2022 17:43

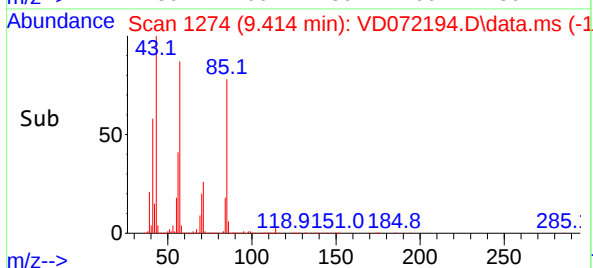
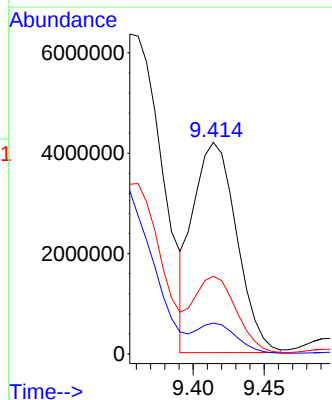
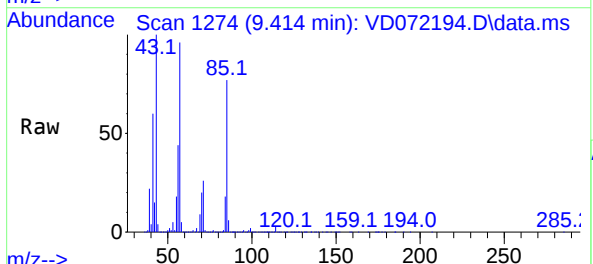
Tgt Ion: 41 Resp: 8955738

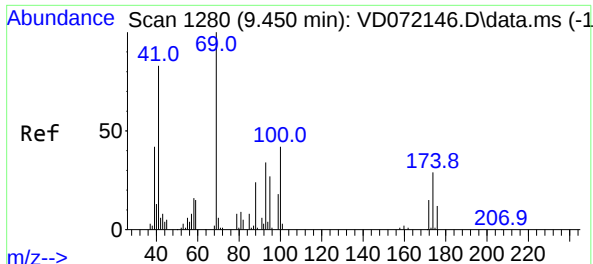
Ion Ratio Lower Upper

41 100

69 12.8 56.7 85.1#

39 35.8 42.7 64.1#

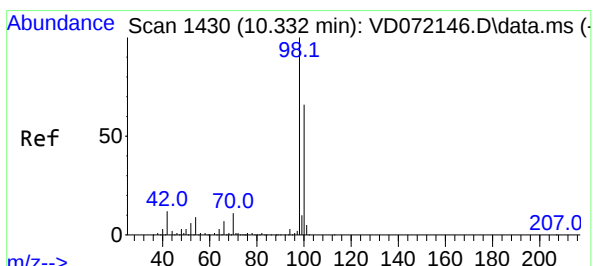
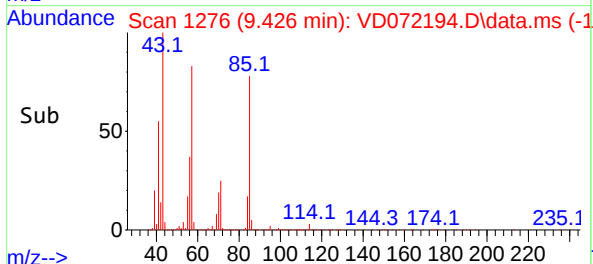
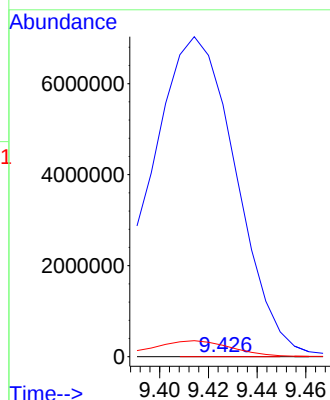
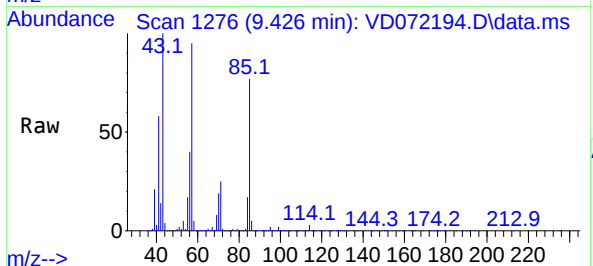




#49
1,4-Dioxane
Concen: 7.680 ug/l
RT: 9.426 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

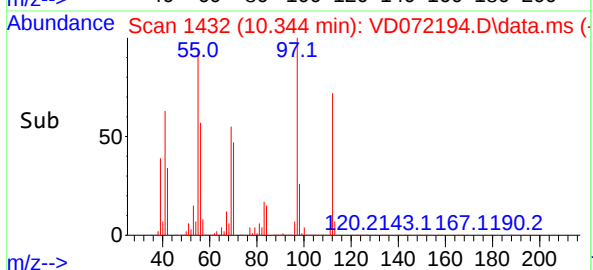
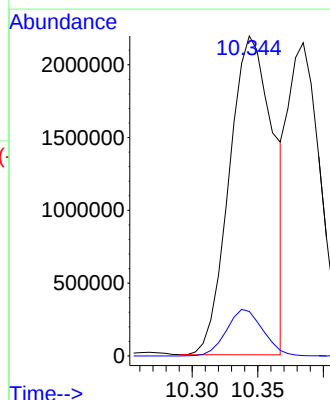
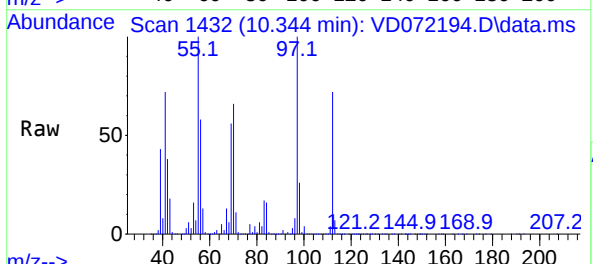
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

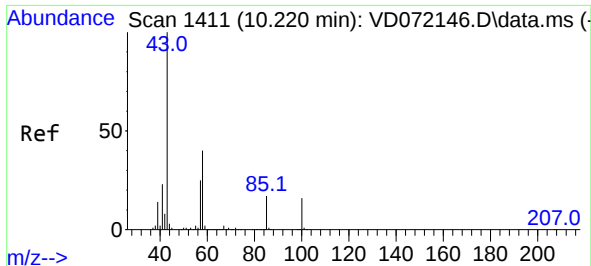
Tgt Ion: 88 Resp: 325
Ion Ratio Lower Upper
88 100
43 5066700.0 31.0 46.4#
58 237423.1 58.1 87.1#



#50
Toluene-d8
Concen: 214.804 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.012 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Tgt Ion: 98 Resp: 5133847
Ion Ratio Lower Upper
98 100
100 12.2 52.4 78.6#

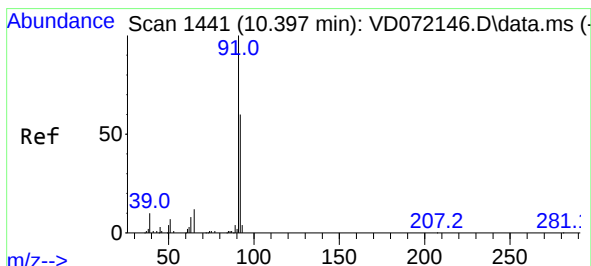
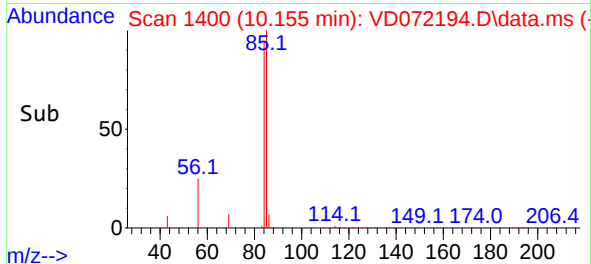
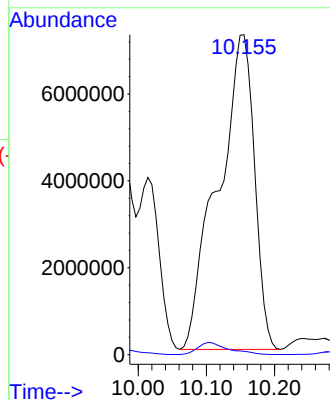
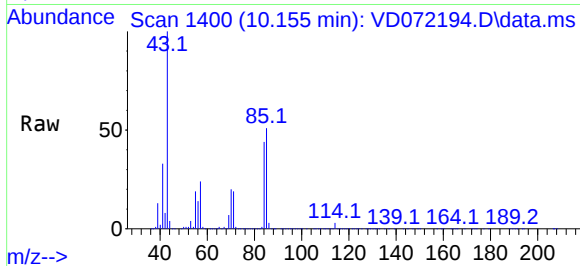




#51
4-Methyl-2-Pentanone
Concen: 6582.064 ug/l
RT: 10.155 min Scan# 1411
Delta R.T. -0.065 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

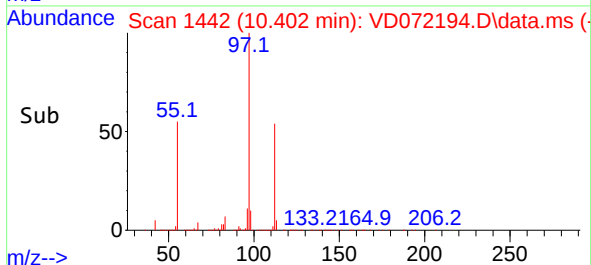
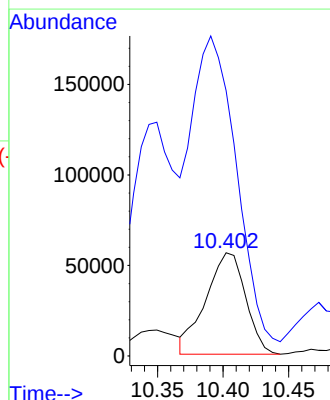
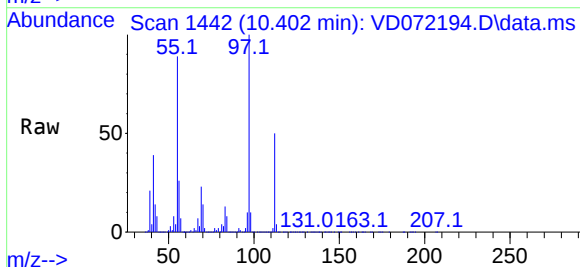
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

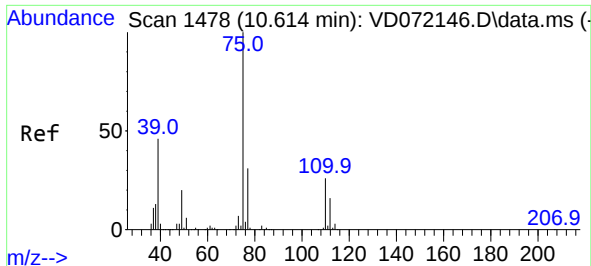
Tgt Ion: 43 Resp:26951786
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#



#52
Toluene
Concen: 6.847 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.006 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Tgt Ion: 92 Resp: 117858
Ion Ratio Lower Upper
92 100
91 337.0 139.6 209.4#

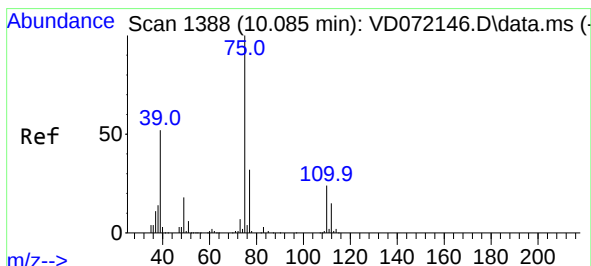
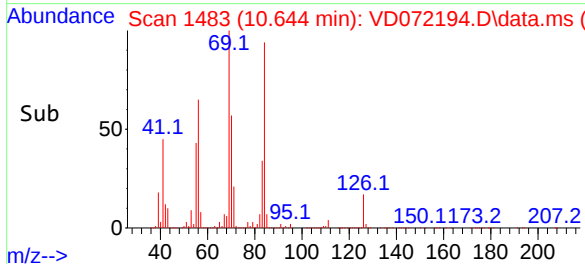
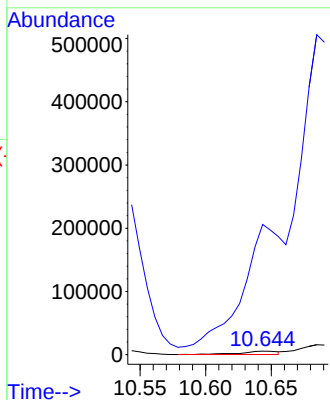
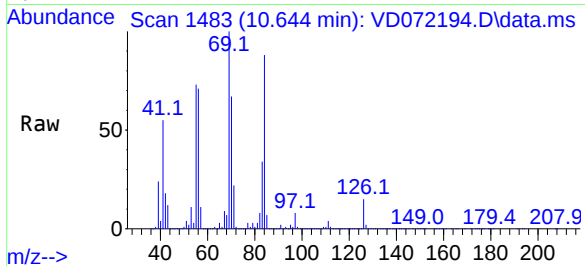




#53
t-1,3-Dichloropropene
Concen: 1.119 ug/l
RT: 10.644 min Scan# 1478
Delta R.T. 0.029 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

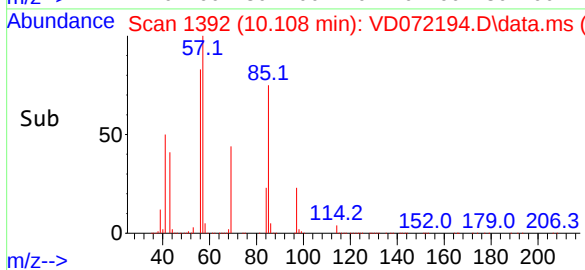
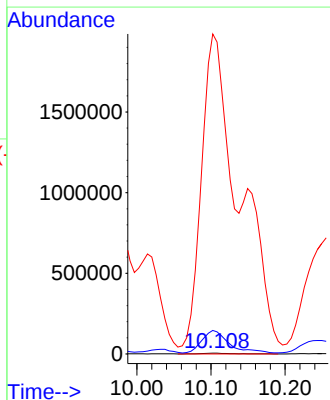
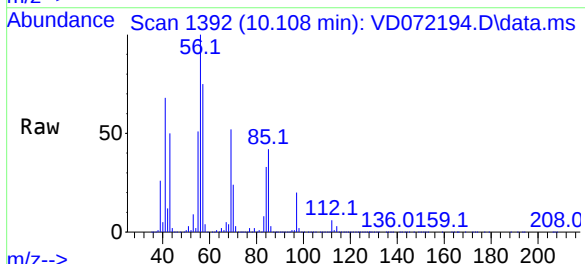
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

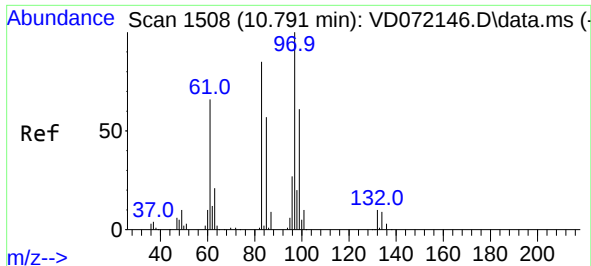
Tgt Ion: 75 Resp: 10516
Ion Ratio Lower Upper
75 100
77 3678.6 24.5 36.7#



#54
cis-1,3-Dichloropropene
Concen: 1.239 ug/l
RT: 10.108 min Scan# 1392
Delta R.T. 0.023 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Tgt Ion: 75 Resp: 13468
Ion Ratio Lower Upper
75 100
77 2596.3 24.8 37.2#
39 37699.9 46.8 70.2#



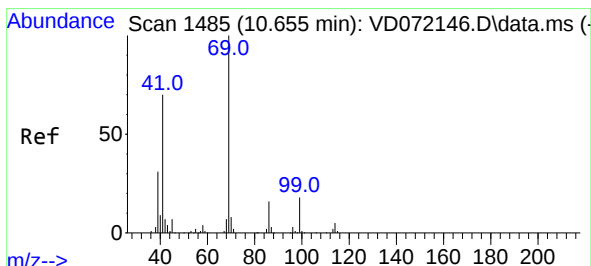
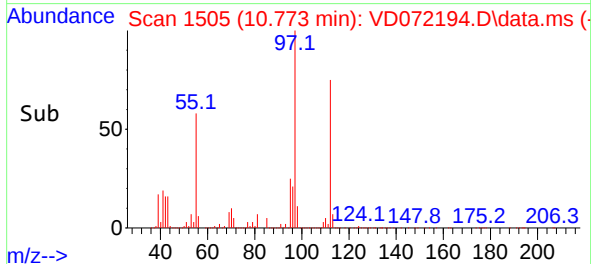
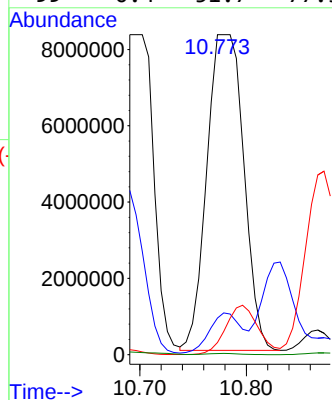
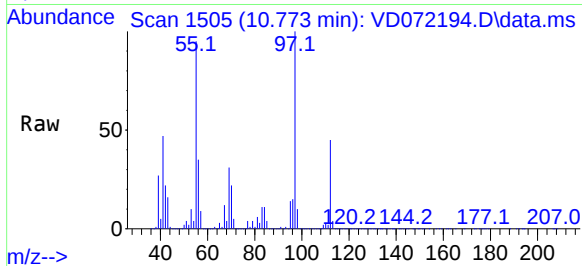


#55
1,1,2-Trichloroethane
Concen: 3701.708 ug/l
RT: 10.773 min Scan# 1
Delta R.T. -0.018 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

Tgt Ion: 97 Resp:19900658

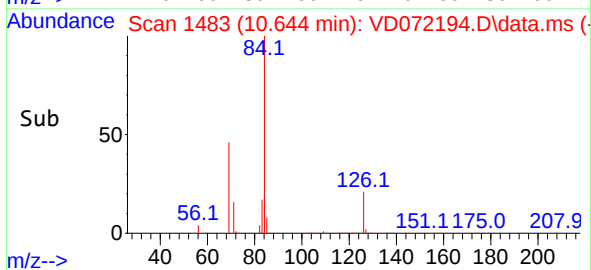
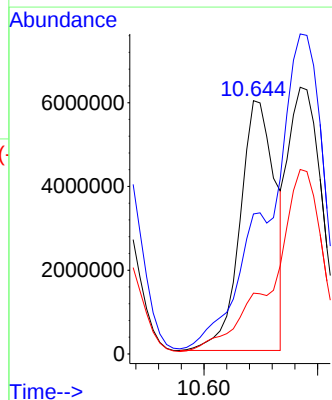
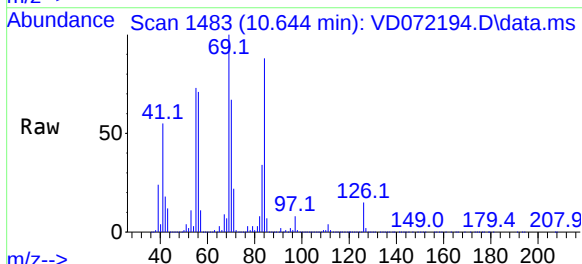
Ion	Ratio	Lower	Upper
97	100		
83	11.1	69.0	103.4#
85	3.8	42.6	63.8#
99	0.4	51.7	77.5#

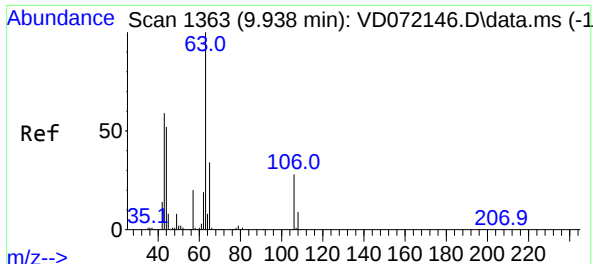


#56
Ethyl methacrylate
Concen: 2041.828 ug/l
RT: 10.644 min Scan# 1483
Delta R.T. -0.012 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Tgt Ion: 69 Resp:12857268

Ion	Ratio	Lower	Upper
69	100		
41	0.0	63.0	94.6#
39	0.0	33.8	50.8#

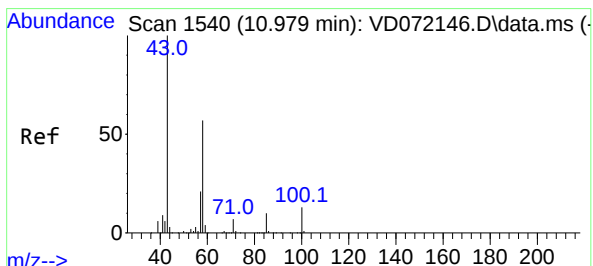
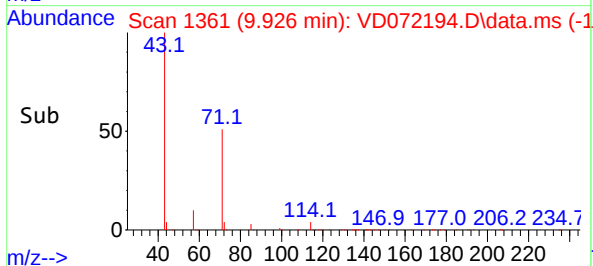
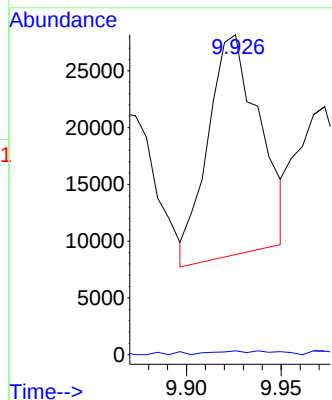
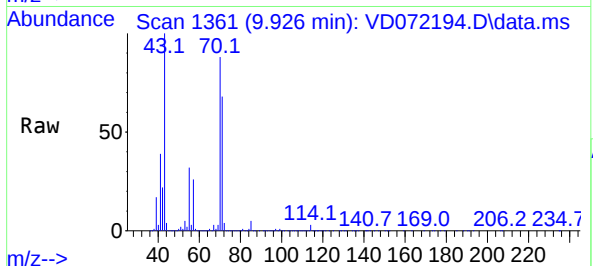




#58
2-Chloroethyl Vinyl ether
Concen: 13.022 ug/l
RT: 9.926 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

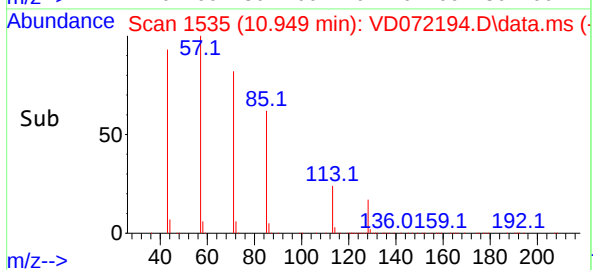
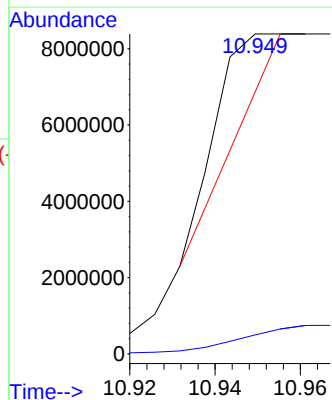
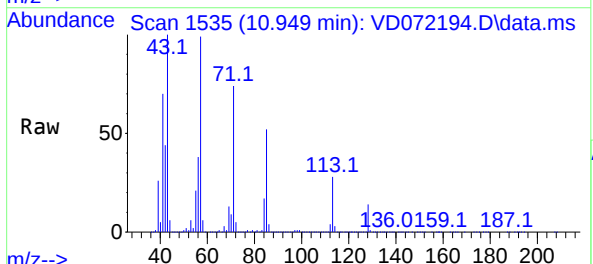
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

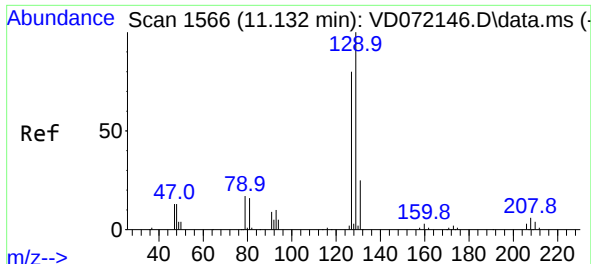
Tgt Ion: 63 Resp: 36870
Ion Ratio Lower Upper
63 100
106 1.1 21.4 32.0#



#59
2-Hexanone
Concen: 1227.662 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.030 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Tgt Ion: 43 Resp: 3471963
Ion Ratio Lower Upper
43 100
58 48.8 25.3 75.9

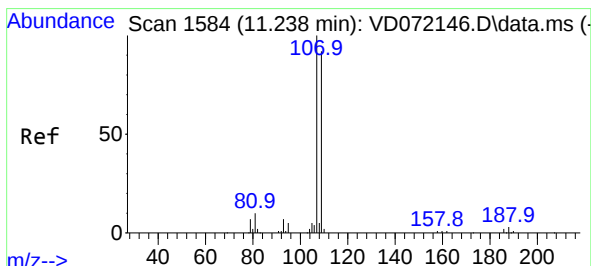
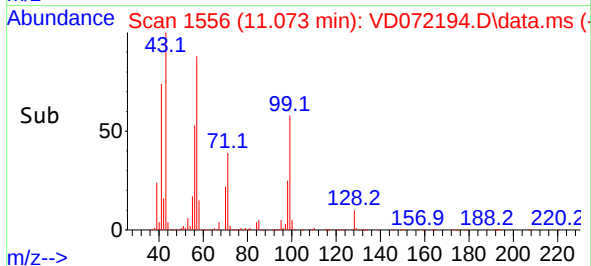
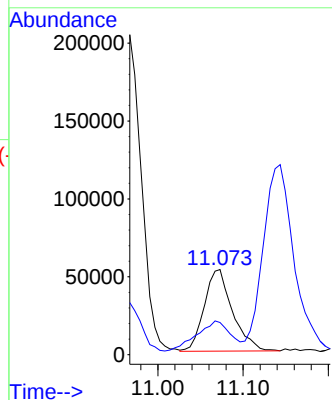
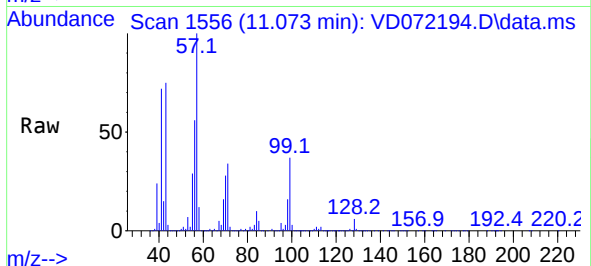




#60
Dibromochloromethane
Concen: 17.330 ug/l
RT: 11.073 min Scan# 11
Delta R.T. -0.059 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

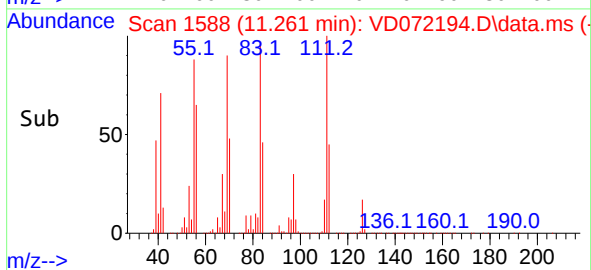
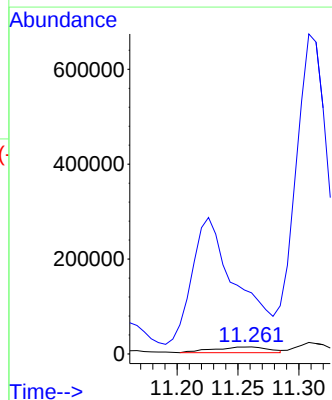
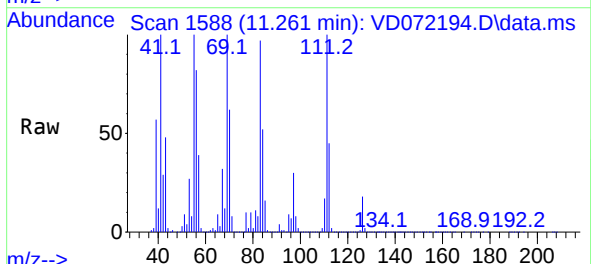
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

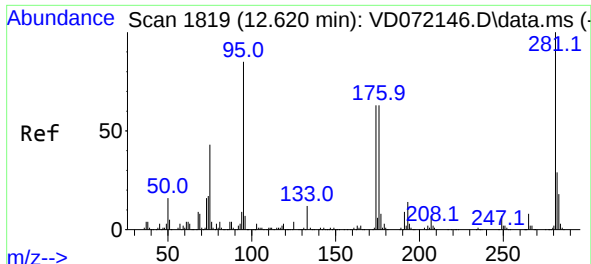
Tgt Ion:129 Resp: 120897
Ion Ratio Lower Upper
129 100
127 43.3 39.2 117.6



#61
1,2-Dibromoethane
Concen: 7.768 ug/l
RT: 11.261 min Scan# 1588
Delta R.T. 0.023 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Tgt Ion:107 Resp: 37737
Ion Ratio Lower Upper
107 100
109 0.0 74.2 111.4#

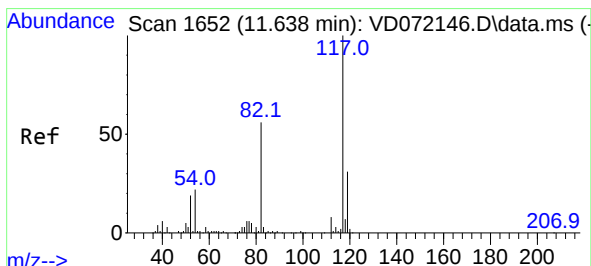
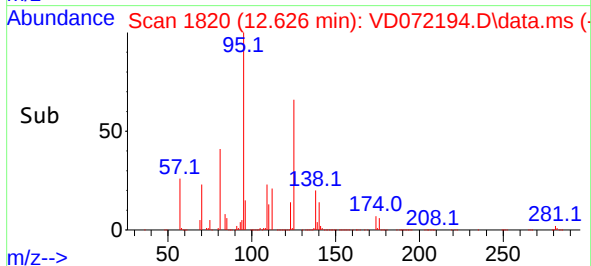
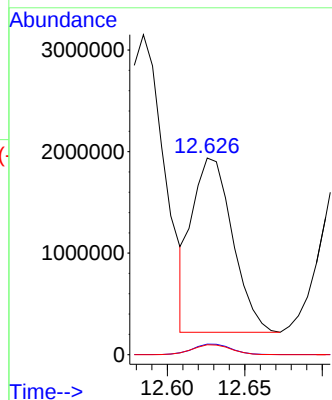
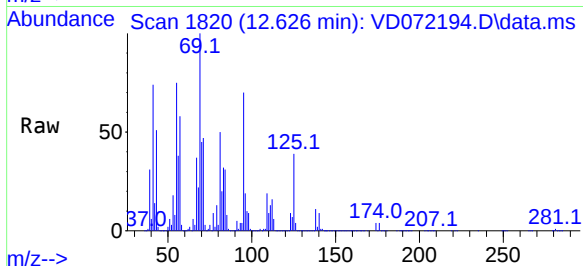




#62
4-Bromofluorobenzene
Concen: 335.063 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

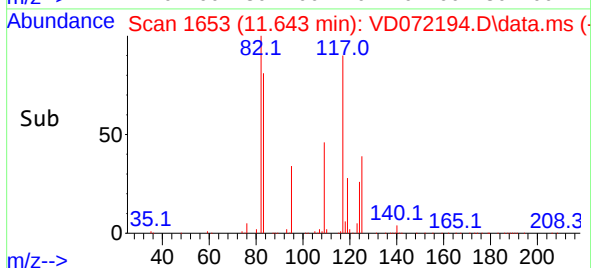
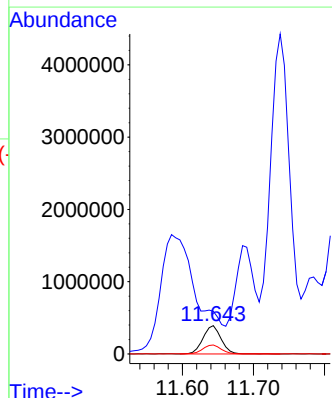
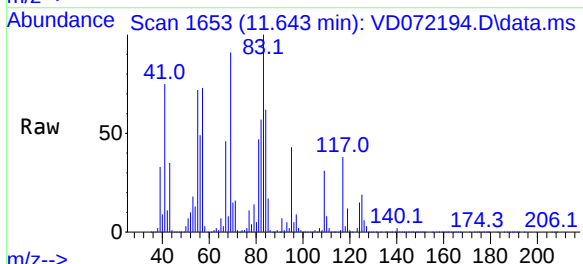
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

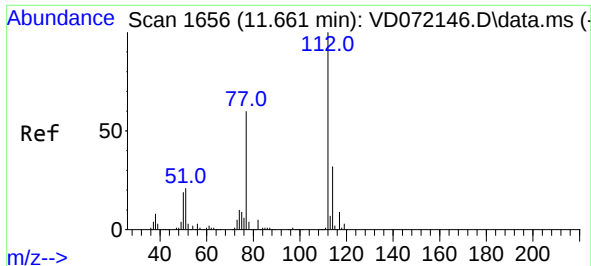
Tgt Ion: 95 Resp: 3111563
Ion Ratio Lower Upper
95 100
174 5.7 0.0 152.8
176 5.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Tgt Ion: 117 Resp: 686634
Ion Ratio Lower Upper
117 100
82 0.0 45.3 67.9#
119 31.3 26.6 40.0

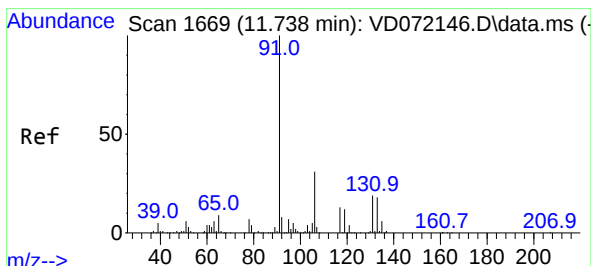
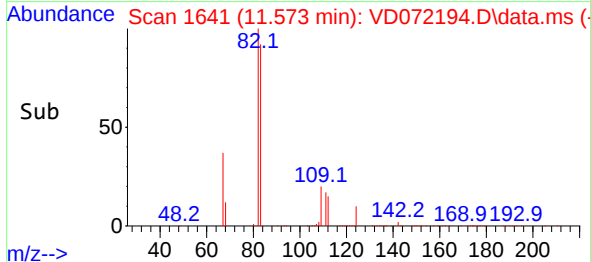
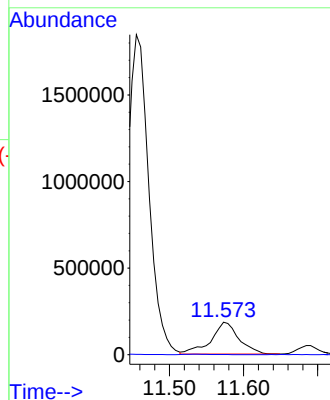
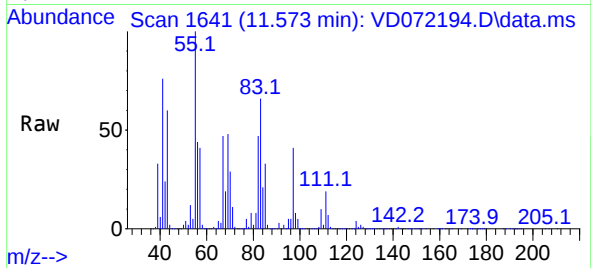




#65
Chlorobenzene
Concen: 31.686 ug/l
RT: 11.573 min Scan# 11
Delta R.T. -0.088 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

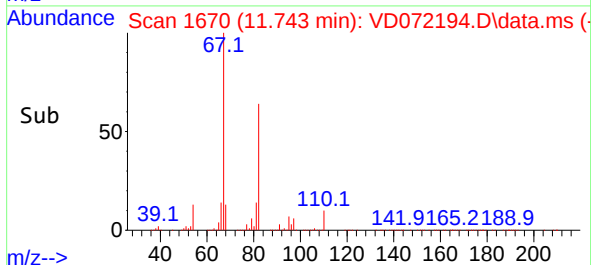
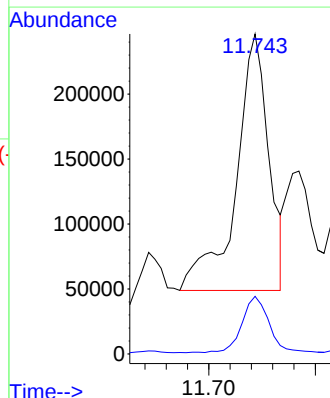
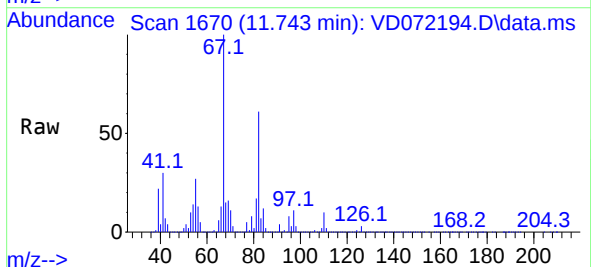
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

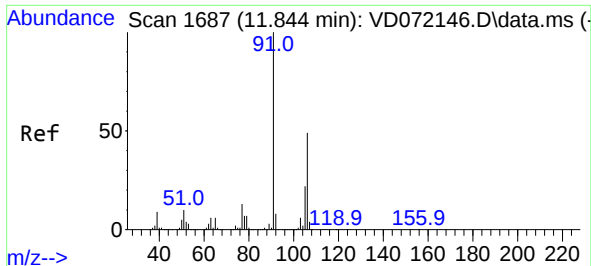
Tgt Ion:112 Resp: 482341
Ion Ratio Lower Upper
112 100
114 0.1 25.8 38.6#



#67
Ethyl Benzene
Concen: 15.506 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.006 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Tgt Ion: 91 Resp: 421563
Ion Ratio Lower Upper
91 100
106 21.9 24.2 36.4#

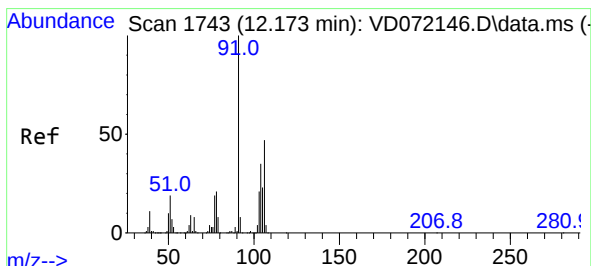
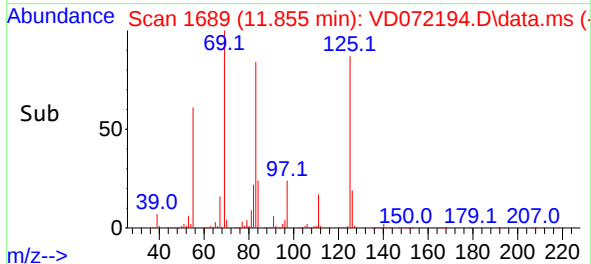
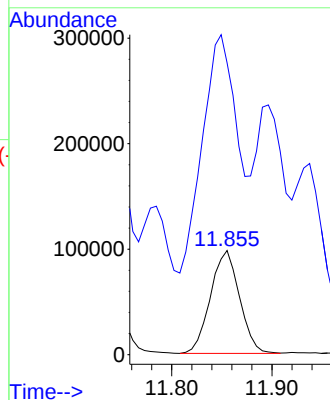
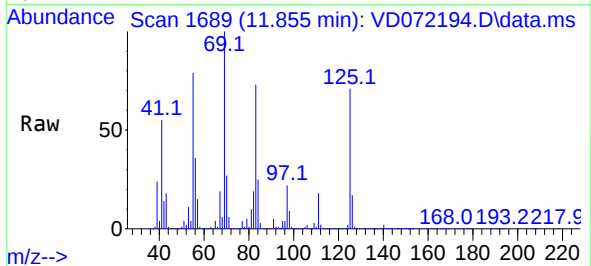




#68
m/p-Xylenes
Concen: 18.972 ug/l
RT: 11.855 min Scan# 1
Delta R.T. 0.012 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

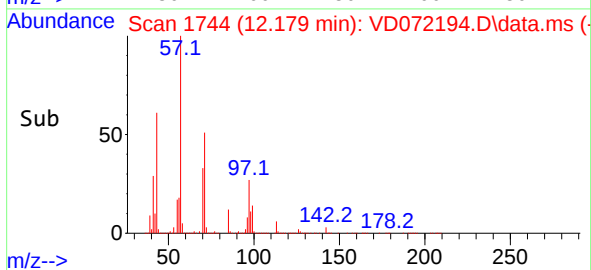
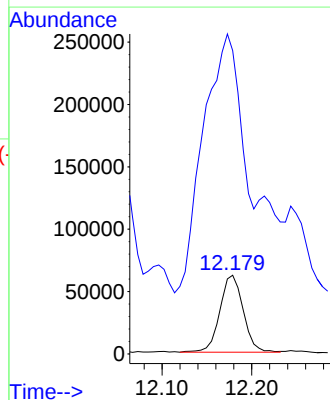
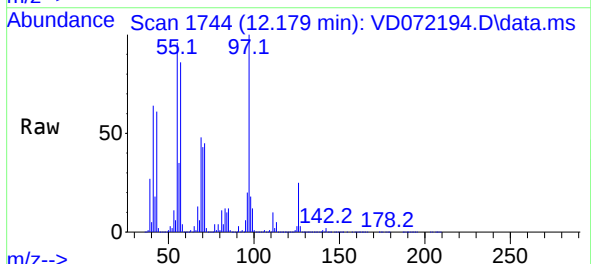
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

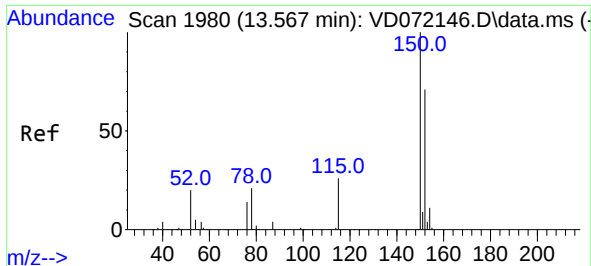
Tgt Ion:106 Resp: 195858
Ion Ratio Lower Upper
106 100
91 322.1 163.7 245.5#



#69
o-Xylene
Concen: 11.296 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.006 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Tgt Ion:106 Resp: 111546
Ion Ratio Lower Upper
106 100
91 564.7 110.4 331.2#

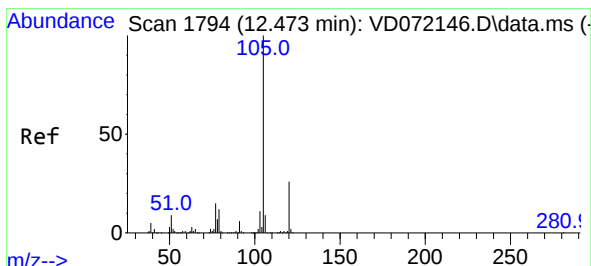
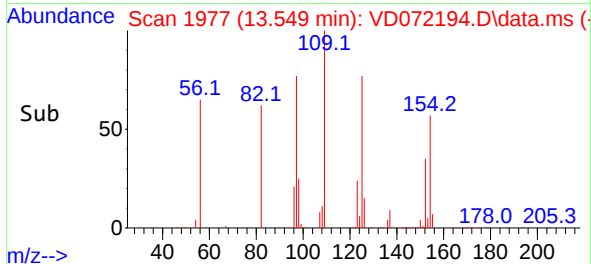
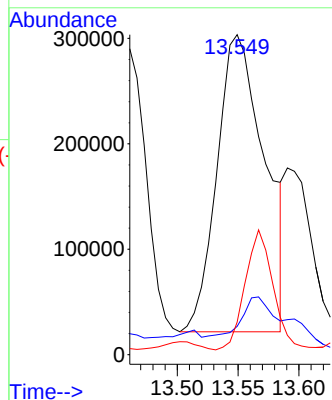
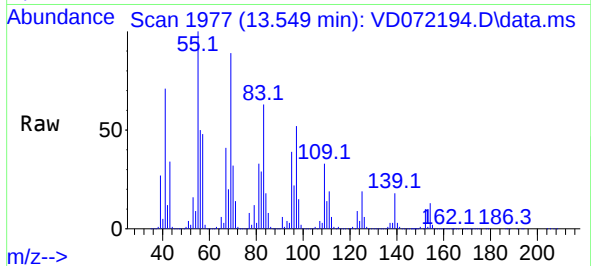




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.549 min Scan# 1980
Delta R.T. -0.018 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

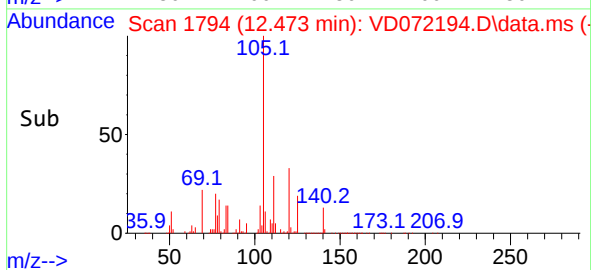
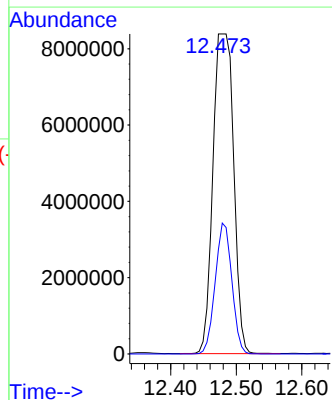
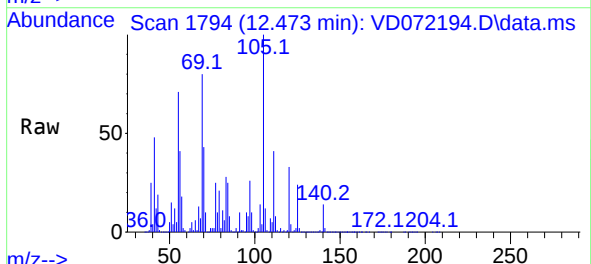
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

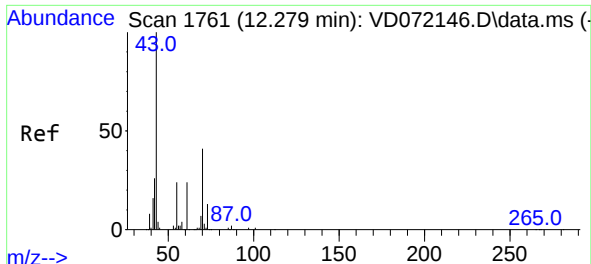
Tgt Ion:152 Resp: 766202
Ion Ratio Lower Upper
152 100
115 17.5 31.3 93.8#
150 23.9 0.0 348.6



#73
Isopropylbenzene
Concen: 302.226 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Tgt Ion:105 Resp:18350437
Ion Ratio Lower Upper
105 100
120 32.9 13.0 38.9



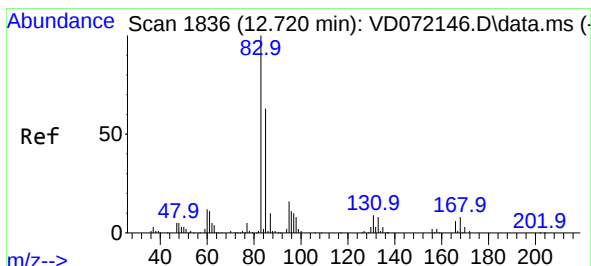
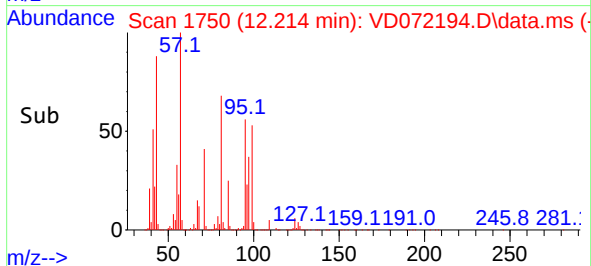
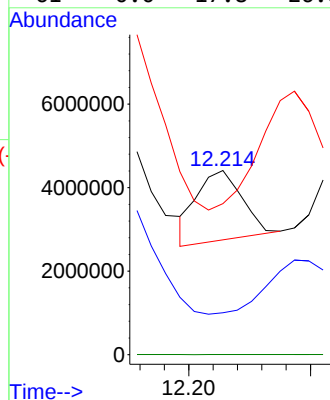
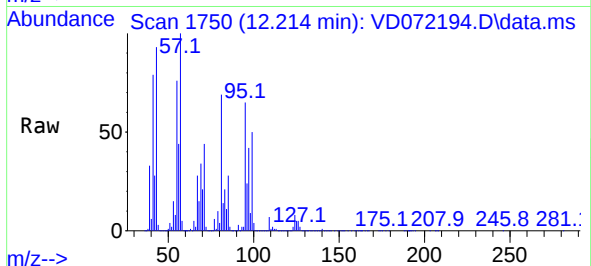


#74
N-amy1 acetate
Concen: 167.757 ug/l
RT: 12.214 min Scan# 1750
Delta R.T. -0.065 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

Tgt Ion: 43 Resp: 2188942

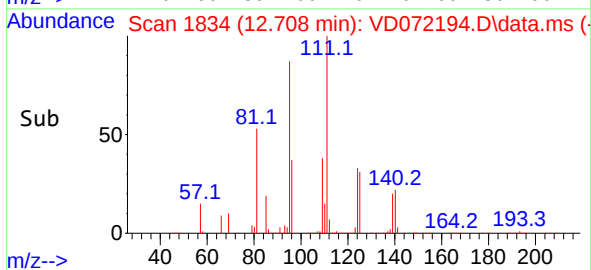
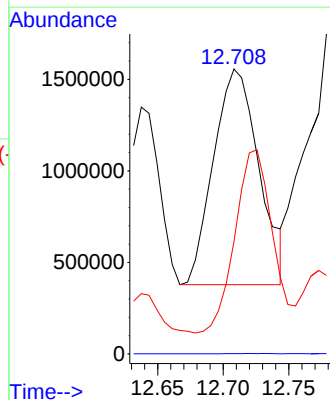
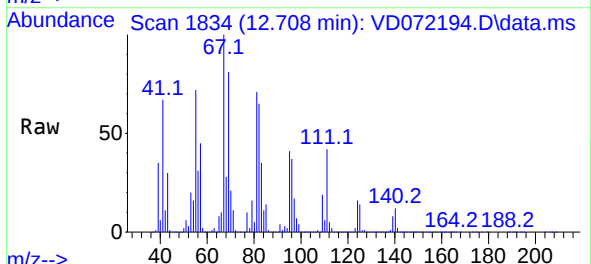
Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.3	46.9#
55	0.0	20.0	30.0#
61	0.0	17.8	26.8#

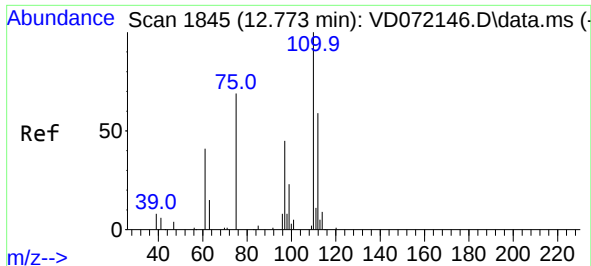


#75
1,1,2,2-Tetrachloroethane
Concen: 261.490 ug/l
RT: 12.708 min Scan# 1834
Delta R.T. -0.012 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Tgt Ion: 83 Resp: 2839580

Ion	Ratio	Lower	Upper
83	100		
131	0.1	5.0	14.9#
85	70.6	32.6	98.0

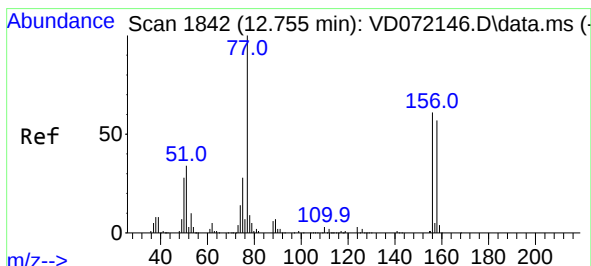
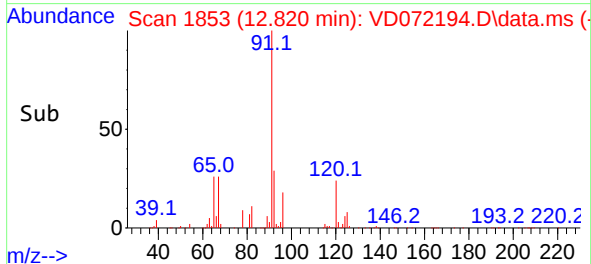
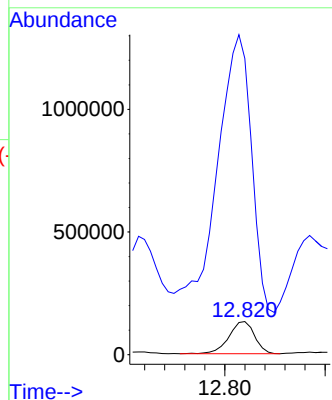
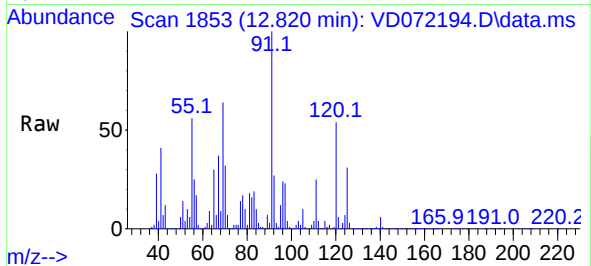




#76
1,2,3-Trichloropropane
Concen: 27.541 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.047 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

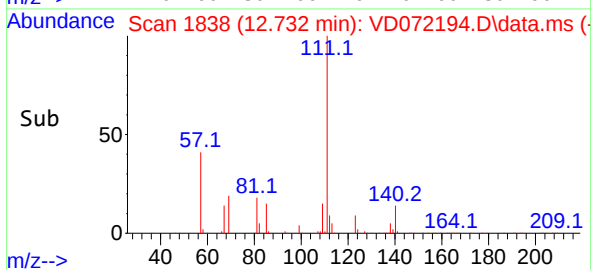
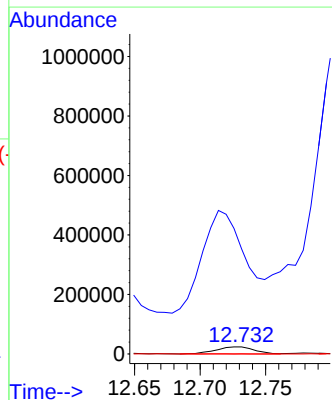
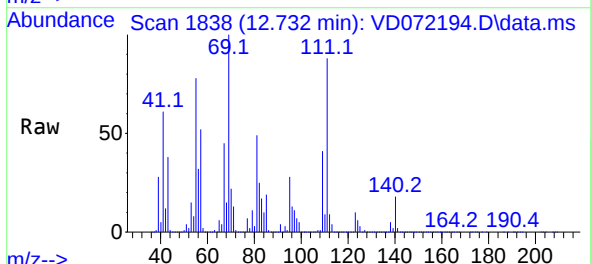
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

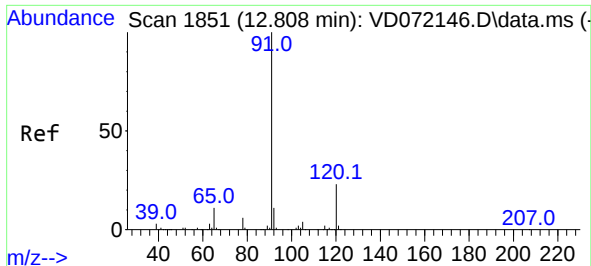
Tgt Ion: 75 Resp: 232770
Ion Ratio Lower Upper
75 100
77 1148.2 0.0 0.0#



#77
Bromobenzene
Concen: 3.533 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. -0.024 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Tgt Ion:156 Resp: 48280
Ion Ratio Lower Upper
156 100
77 1641.1 102.8 308.3#
158 1.7 48.7 146.1#

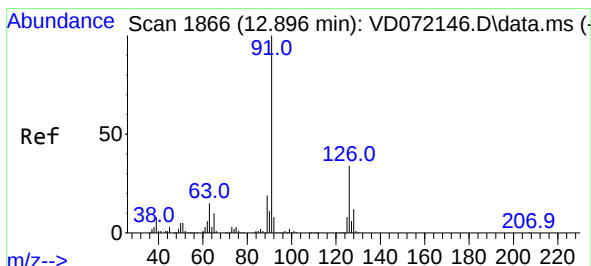
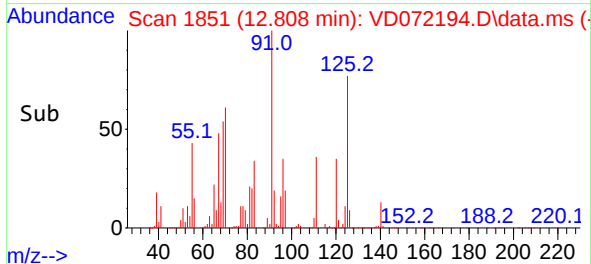
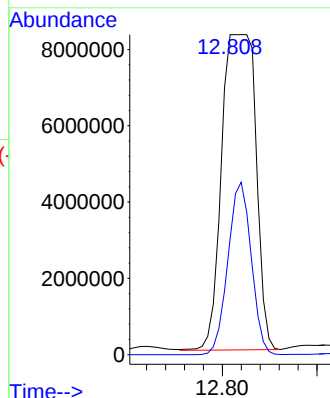
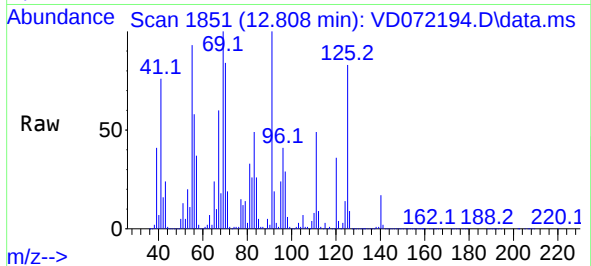




#78
n-propylbenzene
Concen: 280.488 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

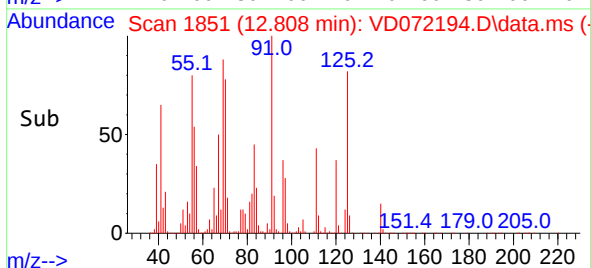
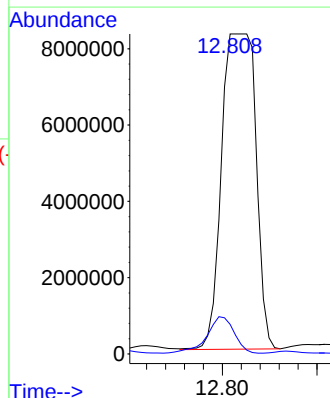
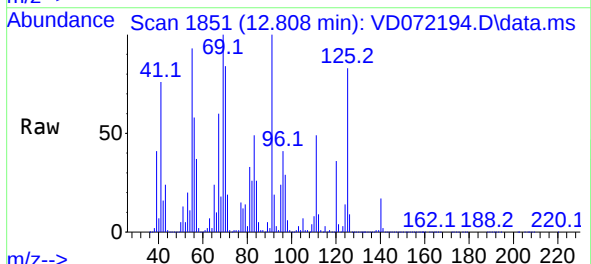
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

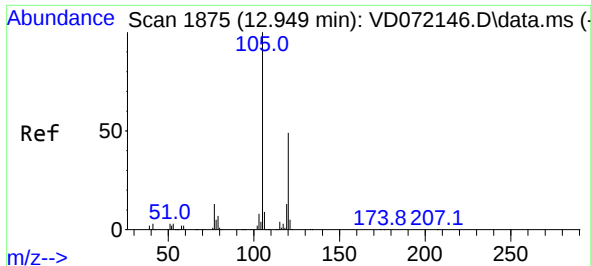
Tgt Ion: 91 Resp:20686214
Ion Ratio Lower Upper
91 100
120 37.3 10.9 32.9#



#79
2-Chlorotoluene
Concen: 485.067 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.088 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Tgt Ion: 91 Resp:20686214
Ion Ratio Lower Upper
91 100
126 9.3 16.2 48.6#

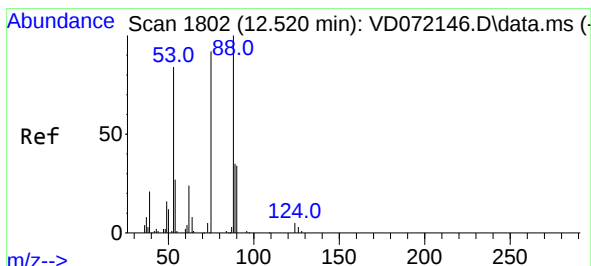
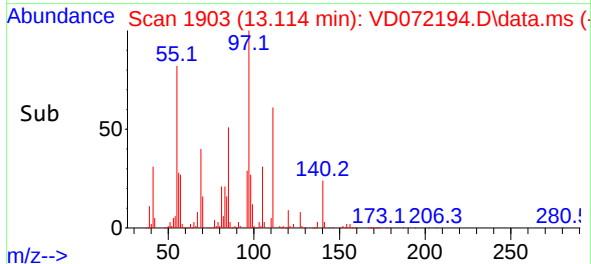
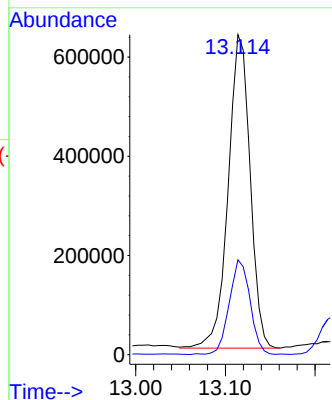
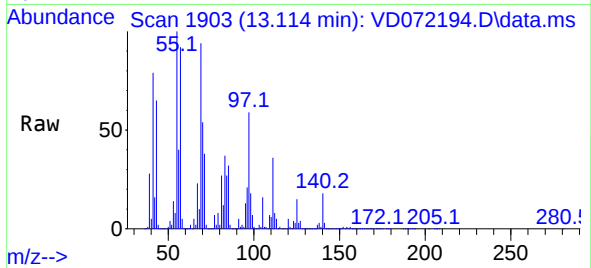




#80
1,3,5-Trimethylbenzene
Concen: 20.525 ug/l
RT: 13.114 min Scan# 1903
Delta R.T. 0.165 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

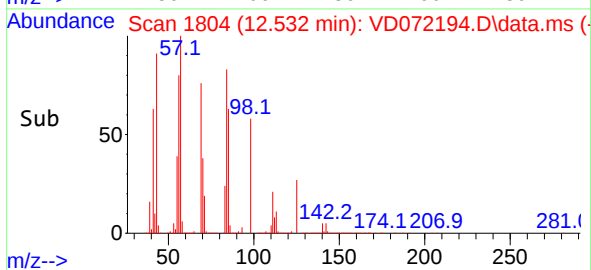
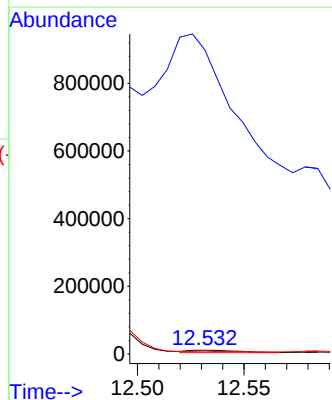
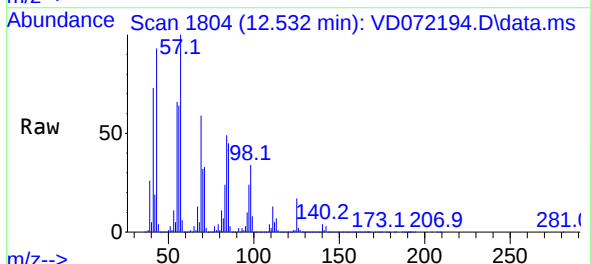
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

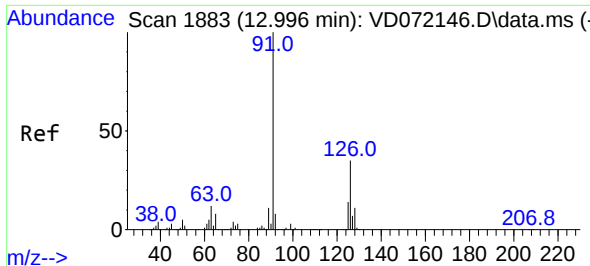
Tgt Ion:105 Resp: 1070654
Ion Ratio Lower Upper
105 100
120 28.7 24.3 72.8



#81
trans-1,4-Dichloro-2-butene
Concen: 3.268 ug/l
RT: 12.532 min Scan# 1804
Delta R.T. 0.012 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Tgt Ion: 75 Resp: 11133
Ion Ratio Lower Upper
75 100
53 21067.3 86.5 129.7#
89 0.0 33.9 50.9#

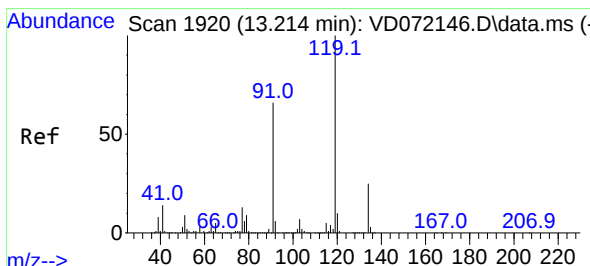
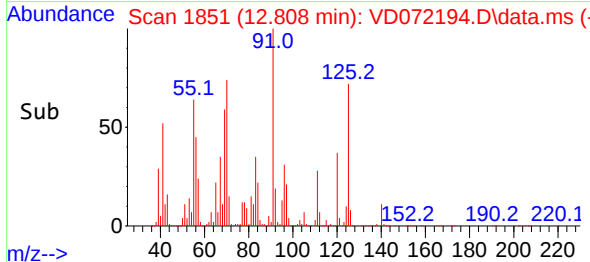
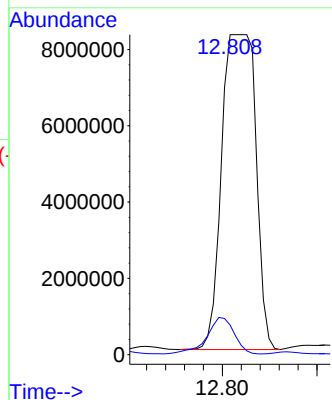
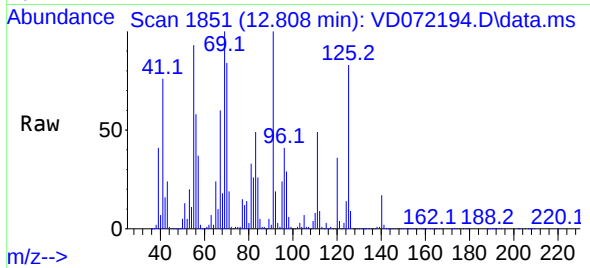




#82
4-Chlorotoluene
Concen: 467.083 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.188 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

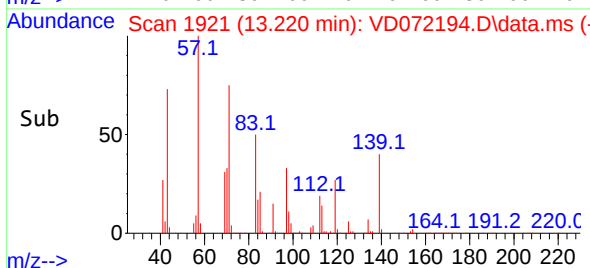
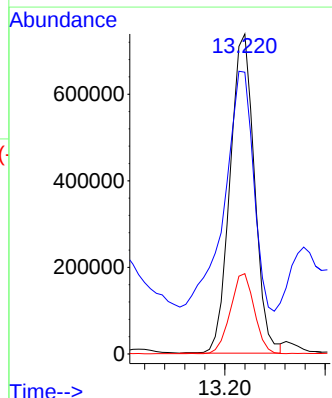
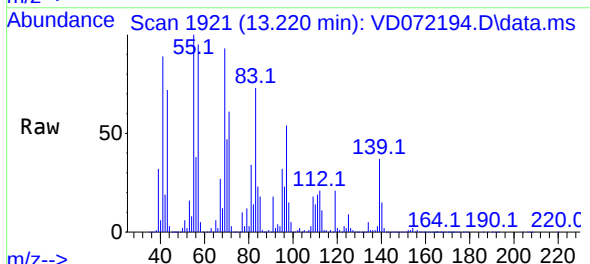
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

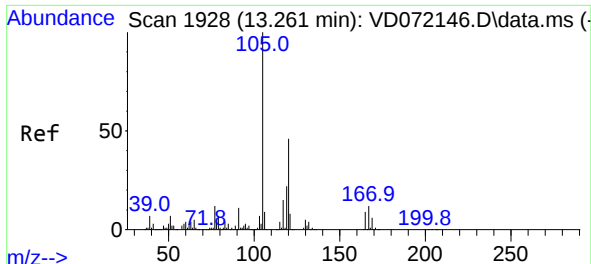
Tgt Ion: 91 Resp:20624882
Ion Ratio Lower Upper
91 100
126 9.3 16.5 49.5#



#83
tert-Butylbenzene
Concen: 27.286 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.006 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Tgt Ion:119 Resp: 1247832
Ion Ratio Lower Upper
119 100
91 89.2 34.8 104.5
134 24.5 13.3 39.9

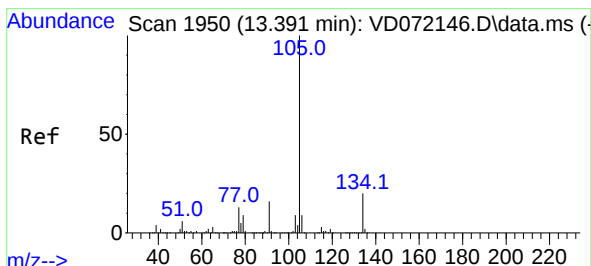
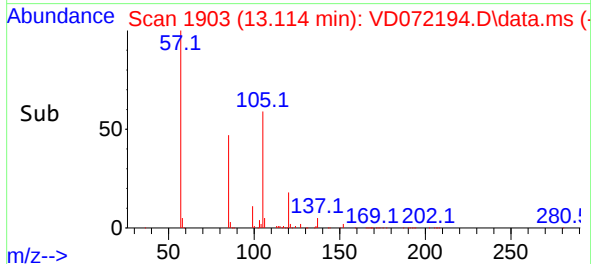
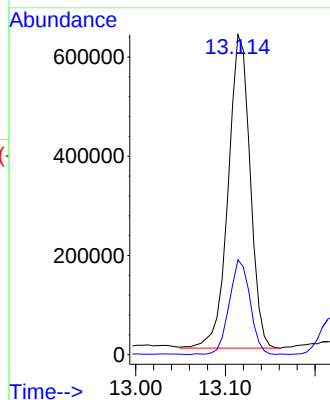
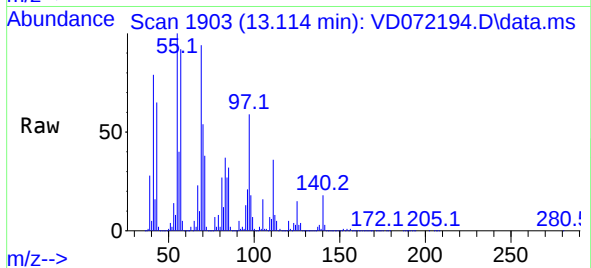




#84
1,2,4-Trimethylbenzene
Concen: 20.831 ug/l
RT: 13.114 min Scan# 1903
Delta R.T. -0.147 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

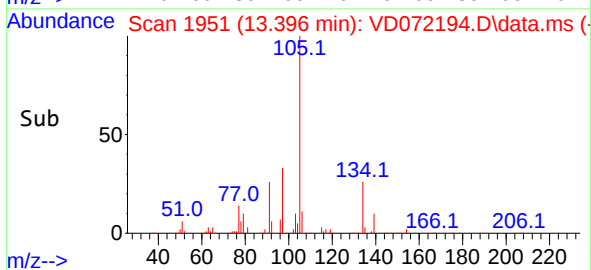
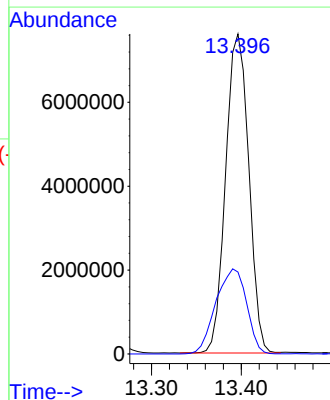
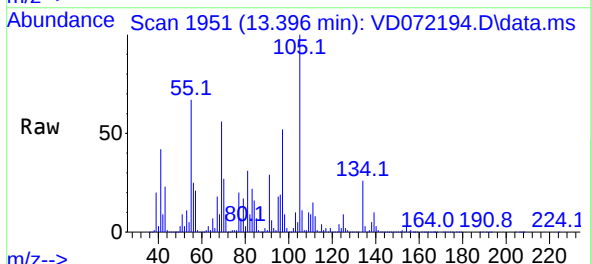
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

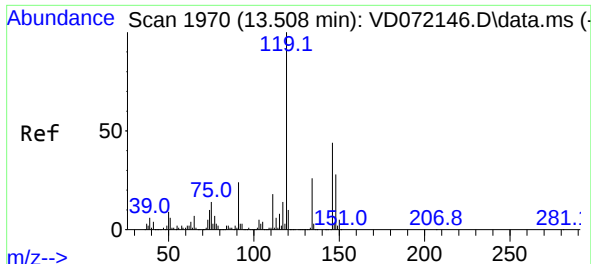
Tgt Ion:105 Resp: 1070654
Ion Ratio Lower Upper
105 100
120 28.7 22.3 66.8



#85
sec-Butylbenzene
Concen: 198.327 ug/l
RT: 13.396 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Tgt Ion:105 Resp:13620454
Ion Ratio Lower Upper
105 100
134 35.4 9.8 29.3#

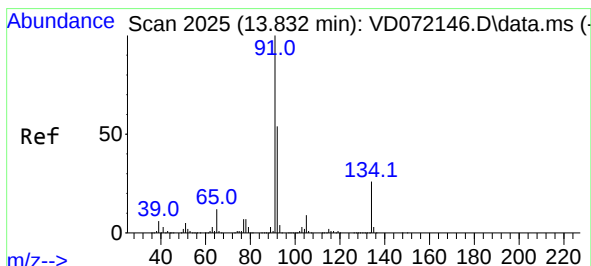
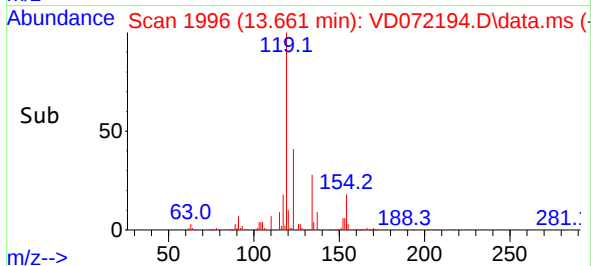
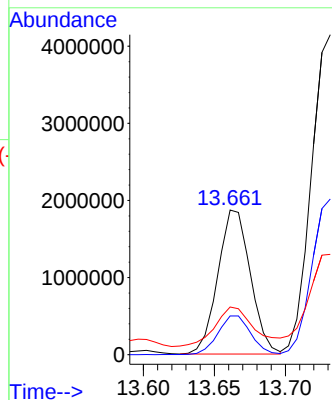
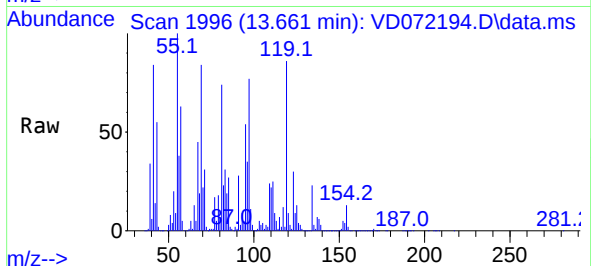




#86
p-Isopropyltoluene
Concen: 52.641 ug/l
RT: 13.661 min Scan# 1970
Delta R.T. 0.153 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

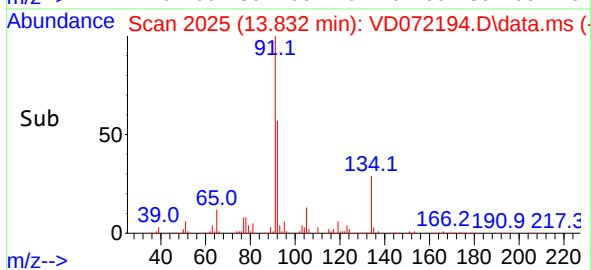
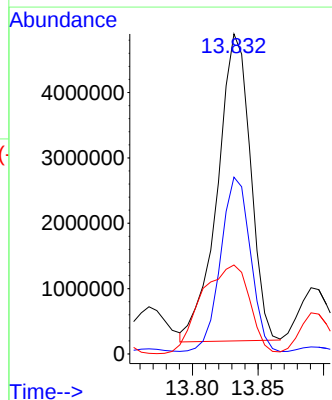
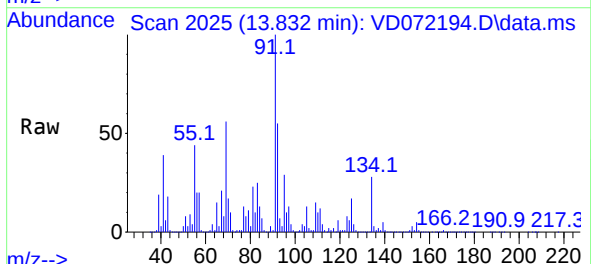
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

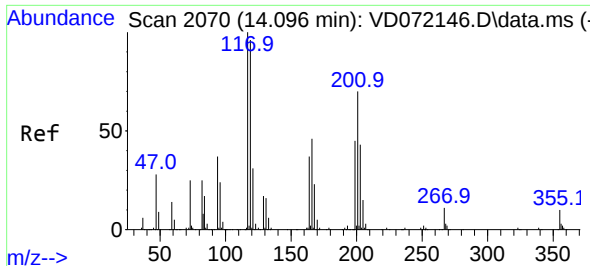
Tgt Ion:119 Resp: 2974879
Ion Ratio Lower Upper
119 100
134 27.4 12.9 38.6
91 32.8 12.1 36.3



#89
n-Butylbenzene
Concen: 152.653 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Tgt Ion: 91 Resp: 8222791
Ion Ratio Lower Upper
91 100
92 51.3 26.6 79.8
134 42.2 12.3 36.9#

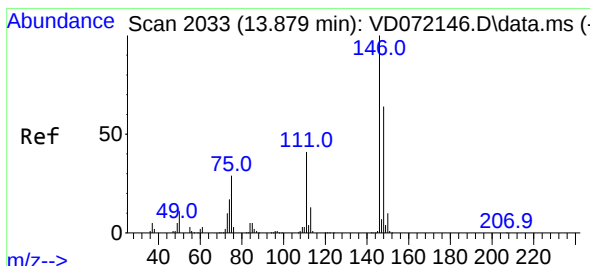
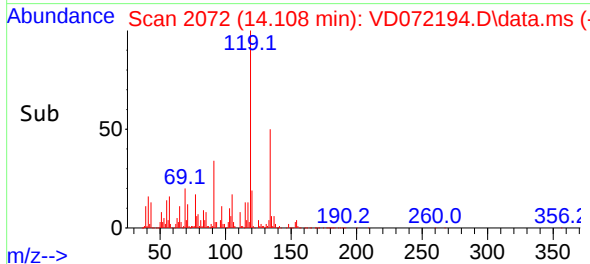
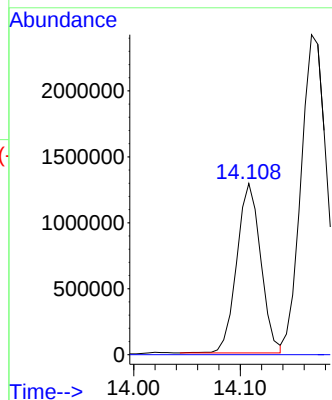
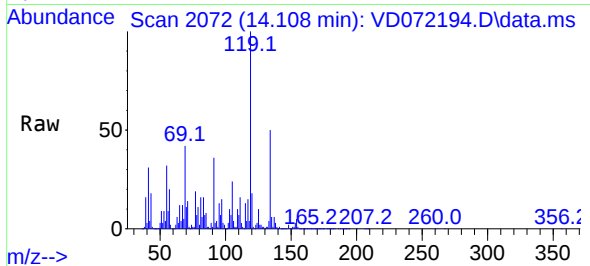




#90
Hexachloroethane
Concen: 182.145 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.012 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

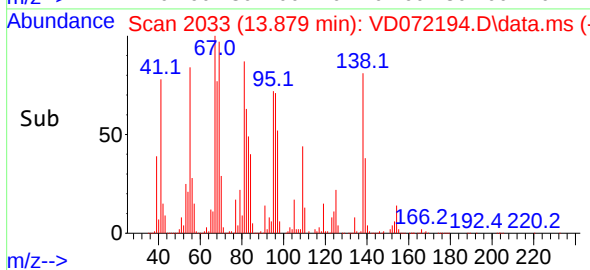
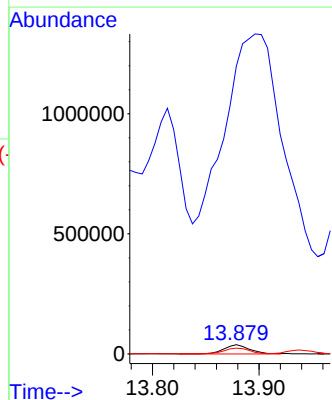
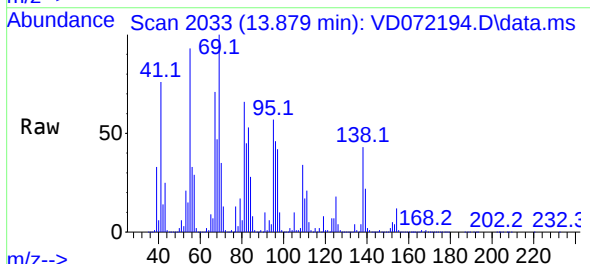
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

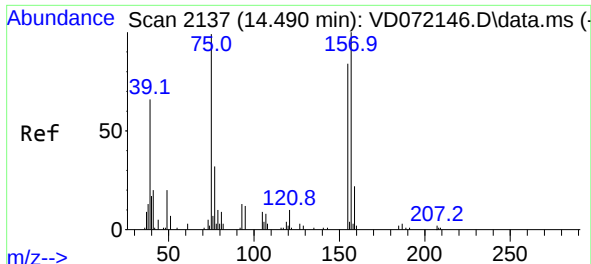
Tgt Ion:117 Resp: 2017451
Ion Ratio Lower Upper
117 100
201 0.0 33.4 100.2#



#91
1,2-Dichlorobenzene
Concen: 2.535 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Tgt Ion:146 Resp: 63299
Ion Ratio Lower Upper
146 100
111 5654.7 21.1 63.3#
148 61.2 31.7 95.1





#92

1,2-Dibromo-3-Chloropropane

Concen: 17.430 ug/l

RT: 14.508 min Scan# 2137

Delta R.T. 0.018 min

Lab File: VD072194.D

Acq: 15 Mar 2022 17:43

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-2-(4.0-4.5)

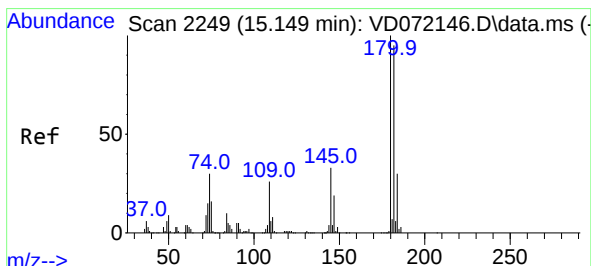
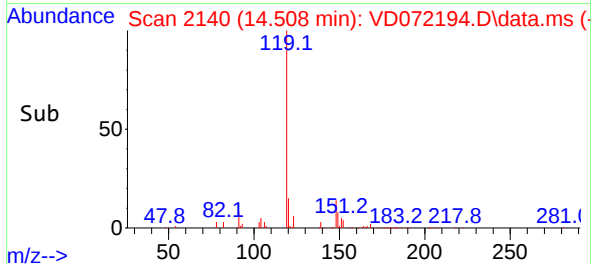
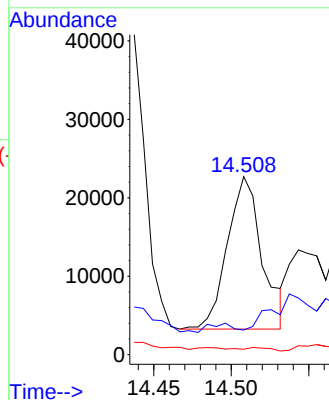
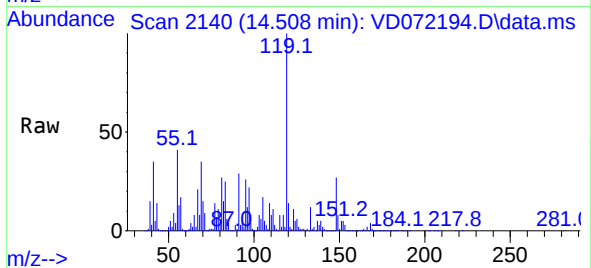
Tgt Ion: 75 Resp: 30207

Ion Ratio Lower Upper

75 100

155 0.0 36.8 110.3#

157 0.0 48.4 145.0#



#93

1,2,4-Trichlorobenzene

Concen: 1.096 ug/l

RT: 15.149 min Scan# 2249

Delta R.T. -0.000 min

Lab File: VD072194.D

Acq: 15 Mar 2022 17:43

Tgt Ion:180 Resp: 18122

Ion Ratio Lower Upper

180 100

182 162.1 47.3 142.0#

145 7995.2 16.2 48.5#

