

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122021\
 Data File : VD071396.D
 Acq On : 20 Dec 2021 18:47
 Operator : VA/SY
 Sample : M5044-18
 Misc : 6.62G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 20 20:55:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	579648	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	1093551	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1043170	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	568870	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.326	65	329862	48.498	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.000%
35) Dibromofluoromethane	7.908	113	275896	39.620	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.240%
50) Toluene-d8	10.338	98	2571776	97.048	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	194.100%#
62) 4-Bromofluorobenzene	12.620	95	975021	106.143	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	212.280%#

Target Compounds

						Qvalue
10) Methyl Iodide	4.309	142	410	4.616	ug/l	# 60
11) Tert butyl alcohol	5.203	59	1408	Below Cal	#	71
13) Acrolein	4.144	56	807842	1738.072	ug/l	# 75
14) Allyl chloride	4.956	41	9016637	882.164	ug/l	# 70
15) Acrylonitrile	5.497	53	1316723	1010.478	ug/l	# 40
16) Acetone	4.144	43	2297797	1146.348	ug/l	# 49
18) Methyl Acetate	4.956	43	19978221	3981.095	ug/l	# 51
19) Methyl tert-butyl Ether	5.485	73	14628	1.109	ug/l	# 1
20) Methylene Chloride	4.961	84	55958	4.339	ug/l	# 1
23) Vinyl Acetate	6.344	43	48051	31.085	ug/l	# 76
24) 1,1-Dichloroethane	6.344	63	15875	1.348	ug/l	# 82
25) 2-Butanone	7.208	43	679257	317.059	ug/l	# 48
26) 2,2-Dichloropropane	7.032	77	91073	8.503	ug/l	# 52
29) Tetrahydrofuran	7.573	42	22521	20.853	ug/l	# 34
30) Chloroform	7.667	83	601783	50.908	ug/l	# 19
31) Cyclohexane	7.967	56	10992359	950.133	ug/l	# 52
36) 1,1-Dichloropropene	8.073	75	14168	1.386	ug/l	# 1
37) Ethyl Acetate	7.208	43	679257	153.854	ug/l	# 68
38) Carbon Tetrachloride	7.979	117	63539	6.307	ug/l	# 17
39) Methylcyclohexane	9.355	83	17544739	1427.192	ug/l	# 80
41) Methacrylonitrile	7.561	41	227215	87.604	ug/l	# 44
42) 1,2-Dichloroethane	8.467	62	55061	6.497	ug/l	# 1
43) Isopropyl Acetate	8.461	43	6493197	603.800	ug/l	# 47
45) 1,2-Dichloropropane	9.361	63	334748	45.850	ug/l	# 1
47) Bromodichloromethane	9.644	83	1413582	141.112	ug/l	# 29
48) Methyl methacrylate	9.491	41	3396961	786.050	ug/l	# 30
49) 1,4-Dioxane	9.414	88	755	20.648	ug/l	# 1
51) 4-Methyl-2-Pentanone	10.273	43	9057852	1626.994	ug/l	# 75
54) cis-1,3-Dichloropropene	10.114	75	11014	1.007	ug/l	# 1
55) 1,1,2-Trichloroethane	10.773	97	6770726	1362.559	ug/l	# 28
56) Ethyl methacrylate	10.679	69	1114844	143.206	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	9.920	63	288629	85.358	ug/l	# 49
59) 2-Hexanone	10.949	43	8191606	1916.278	ug/l	# 27
60) Dibromochloromethane	11.055	129	49127	7.955	ug/l	# 57
61) 1,2-Dibromoethane	11.208	107	23423	4.908	ug/l	# 1
65) Chlorobenzene	11.573	112	36624	1.892	ug/l	# 42

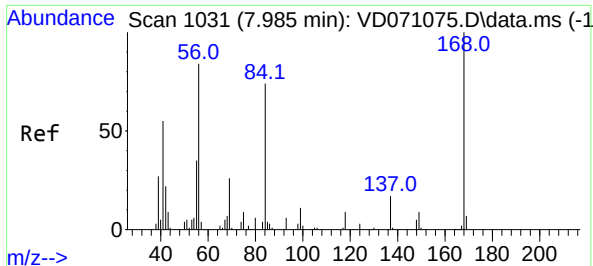
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122021\
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Quant Time: Dec 20 20:55:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) Ethyl Benzene	11.743	91	137861	3.784	ug/l #	88
69) o-Xylene	12.179	106	25285	1.956	ug/l #	1
73) Isopropylbenzene	12.473	105	2151632	52.236	ug/l	99
74) N-amyl acetate	12.267	43	7031766	558.130	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.708	83	218071	32.148	ug/l #	1
76) 1,2,3-Trichloropropane	12.808	75	20769	3.832	ug/l #	1
77) Bromobenzene	12.720	156	22615	2.535	ug/l #	1
78) n-propylbenzene	12.814	91	2805282	54.688	ug/l	99
79) 2-Chlorotoluene	12.908	91	216430	7.517	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.908	105	1322607	38.938	ug/l	71
81) trans-1,4-Dichloro-2-b...	12.473	75	28323	16.584	ug/l #	4
82) 4-Chlorotoluene	12.908	91	216430	7.241	ug/l #	42
83) tert-Butylbenzene	13.214	119	116693	4.000	ug/l #	27
84) 1,2,4-Trimethylbenzene	13.261	105	522153	15.746	ug/l	98
85) sec-Butylbenzene	13.390	105	8876695	199.235	ug/l #	52
86) p-Isopropyltoluene	13.508	119	2315726	63.548	ug/l	94
89) n-Butylbenzene	13.832	91	13311744	374.213	ug/l #	74
90) Hexachloroethane	14.114	117	6934110	1003.800	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	14.514	75	125506	113.615	ug/l #	13
93) 1,2,4-Trichlorobenzene	15.143	180	15051	1.598	ug/l #	1
95) Naphthalene	15.384	128	1823339	109.787	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.602	180	22239	2.779	ug/l #	13

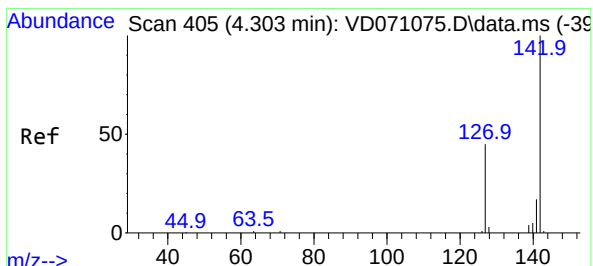
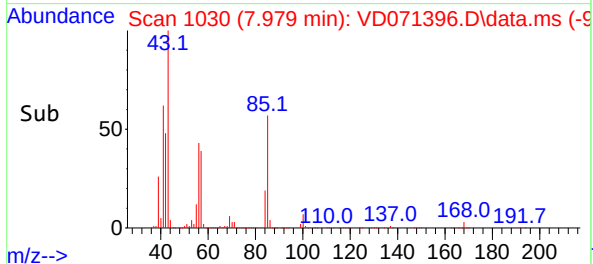
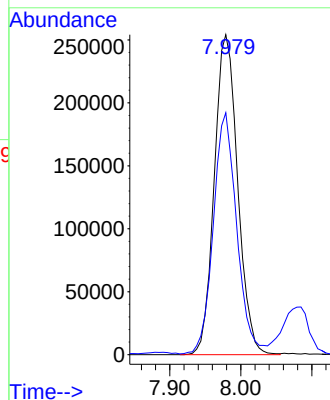
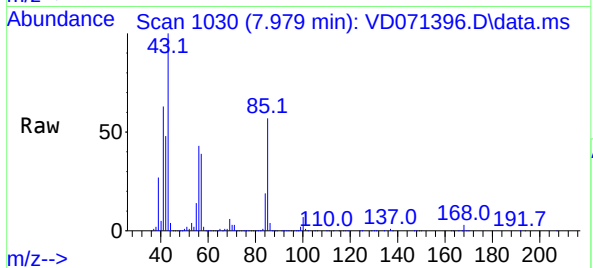
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

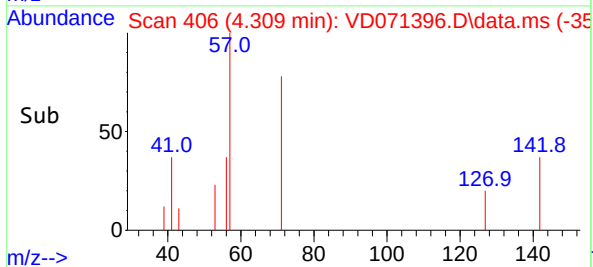
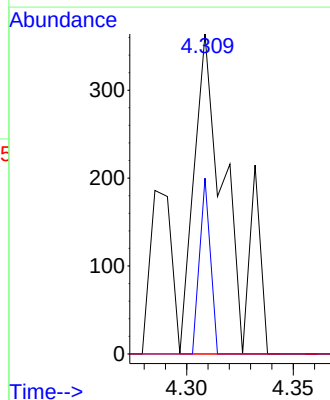
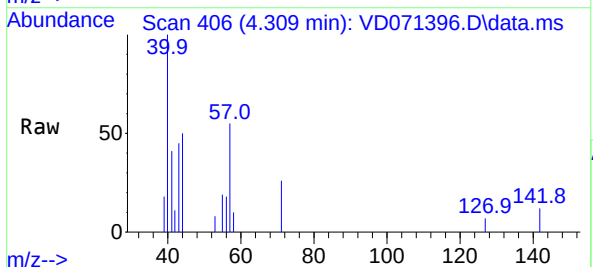
Instrument :
MSVOA_D
ClientSampleId :

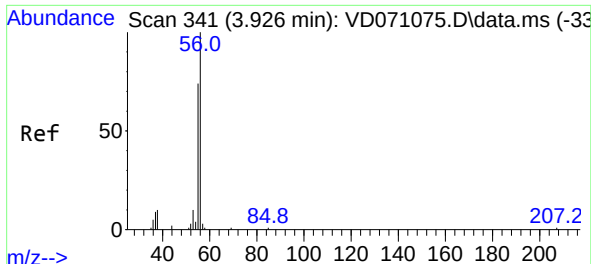
Tgt Ion:168 Resp: 579648
Ion Ratio Lower Upper
168 100
99 75.4 46.6 69.8#



#10
Methyl Iodide
Concen: 4.616 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

Tgt Ion:142 Resp: 410
Ion Ratio Lower Upper
142 100
127 17.3 35.0 52.4#
141 0.0 12.0 18.0#

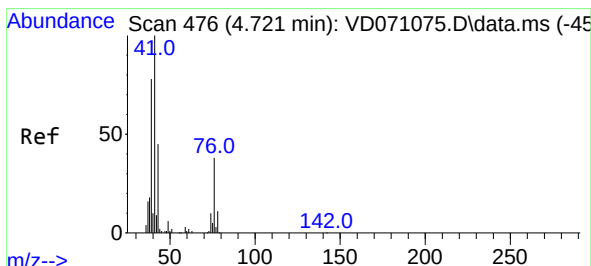
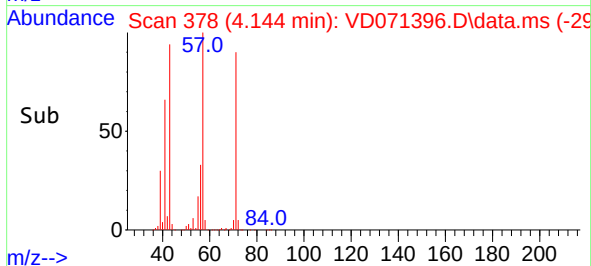
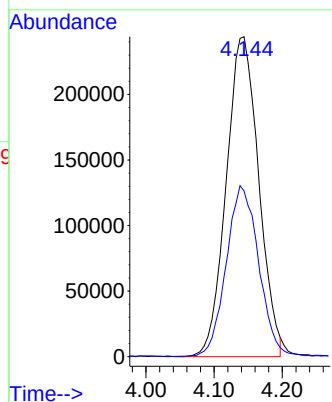
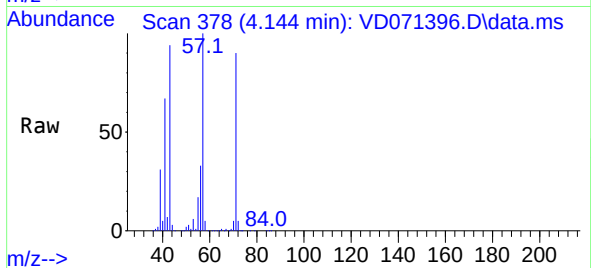




#13
Acrolein
Concen: 1738.072 ug/l
RT: 4.144 min Scan# 31
Delta R.T. 0.218 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

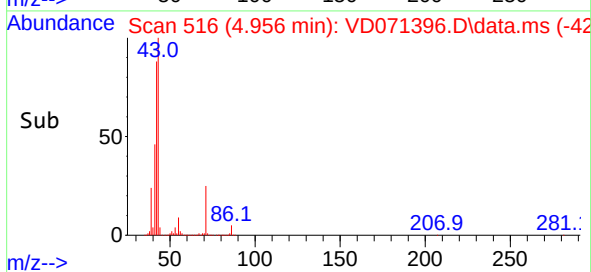
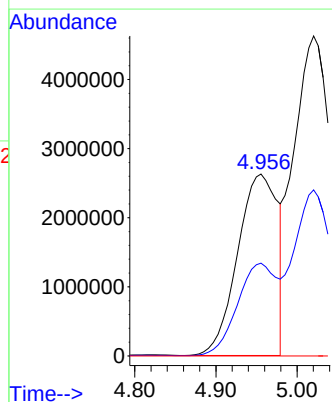
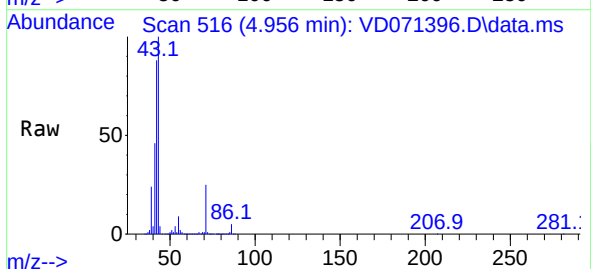
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ClientSampleId :

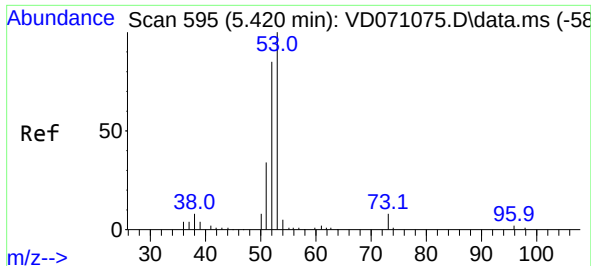
Tgt Ion: 56 Resp: 807842
Ion Ratio Lower Upper
56 100
55 52.6 58.6 87.8#



#14
Allyl chloride
Concen: 882.164 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.235 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

Tgt Ion: 41 Resp: 9016637
Ion Ratio Lower Upper
41 100
39 50.5 45.6 68.4
76 0.0 30.2 45.4#

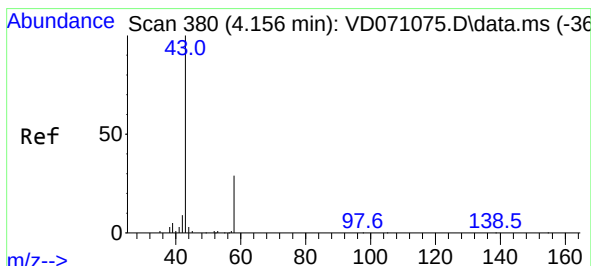
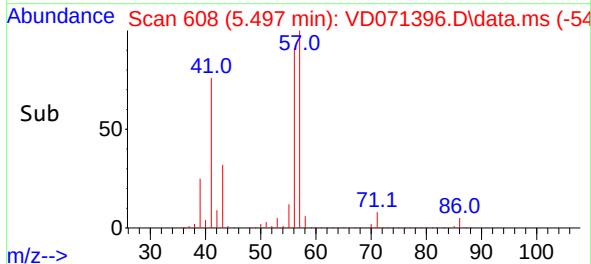
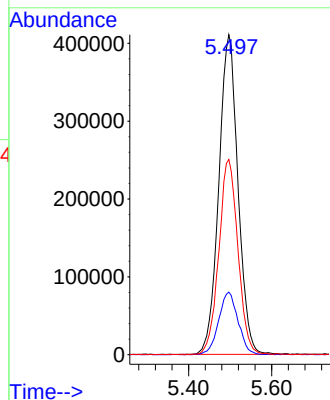
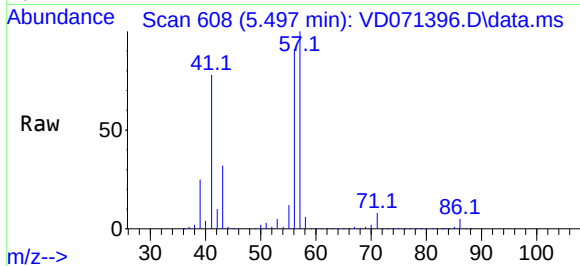




#15
Acrylonitrile
Concen: 1010.478 ug/l
RT: 5.497 min Scan# 60
Delta R.T. 0.077 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

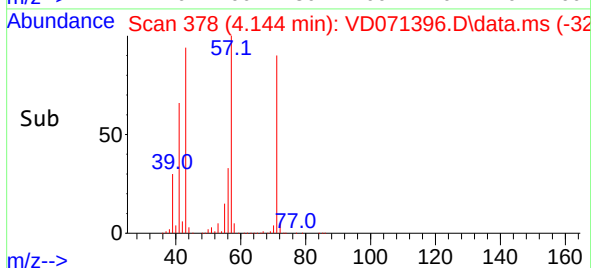
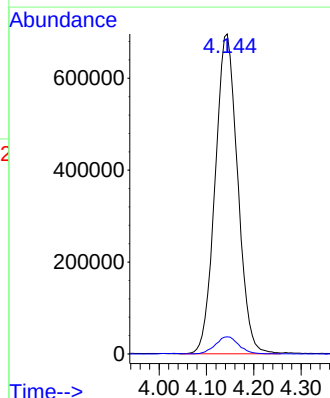
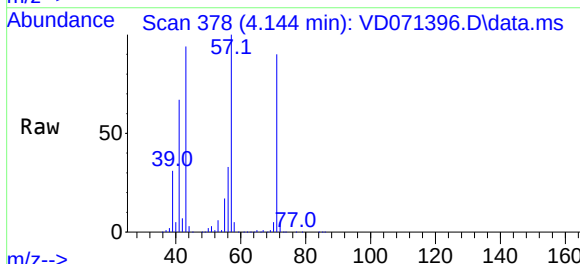
Instrument :
MSVOA_D
ClientSampleId :

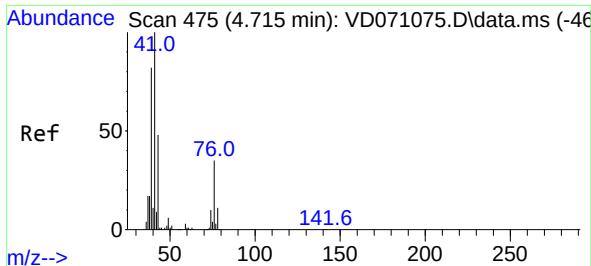
Tgt Ion: 53 Resp: 1316723
Ion Ratio Lower Upper
53 100
52 19.8 63.8 95.8#
51 60.9 28.5 42.7#



#16
Acetone
Concen: 1146.348 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

Tgt Ion: 43 Resp: 2297797
Ion Ratio Lower Upper
43 100
58 5.3 27.8 41.8#

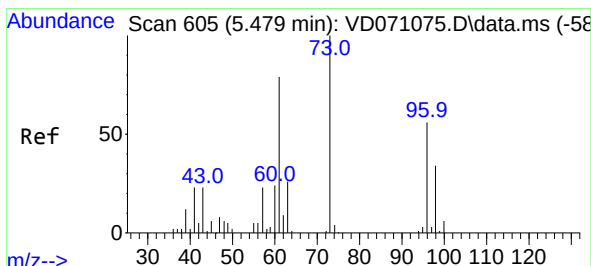
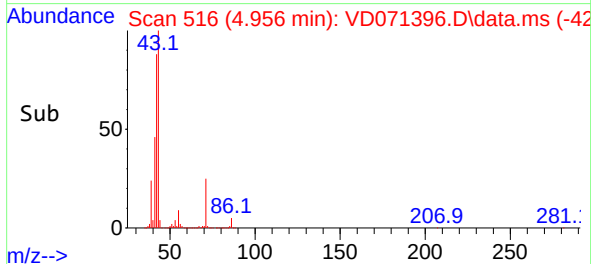
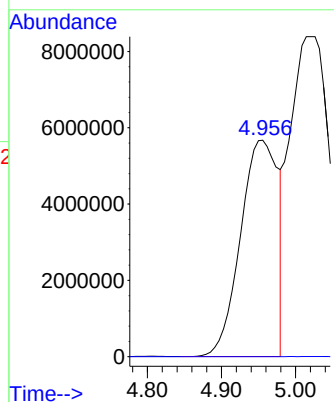
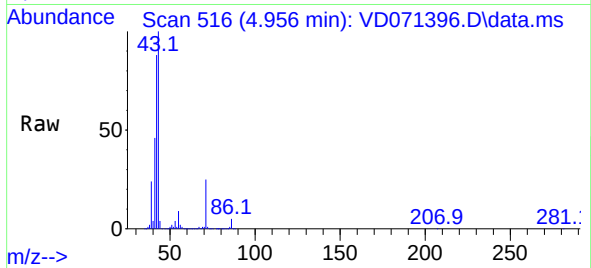




#18
Methyl Acetate
Concen: 3981.095 ug/l
RT: 4.956 min Scan# 51
Delta R.T. 0.241 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

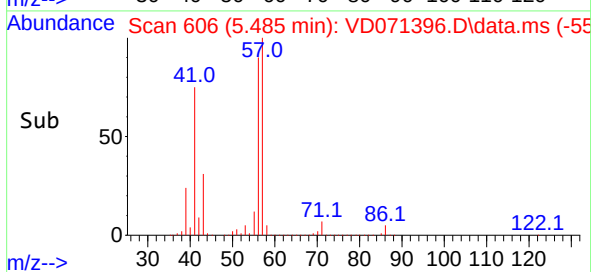
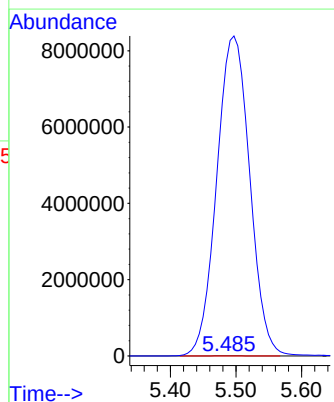
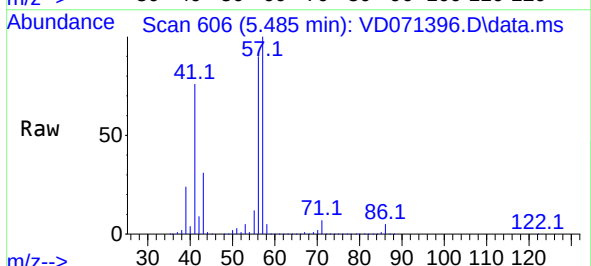
Instrument :
MSVOA_D
ClientSampleId :

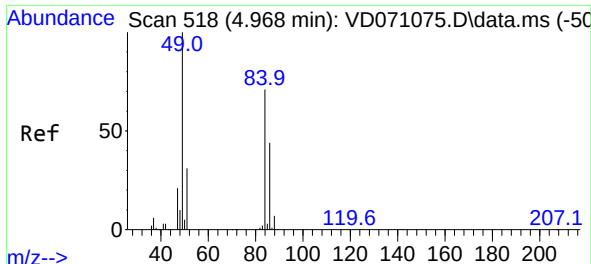
Tgt Ion: 43 Resp:19978221
Ion Ratio Lower Upper
43 100
74 0.0 19.3 28.9#



#19
Methyl tert-butyl Ether
Concen: 1.109 ug/l
RT: 5.485 min Scan# 606
Delta R.T. 0.006 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

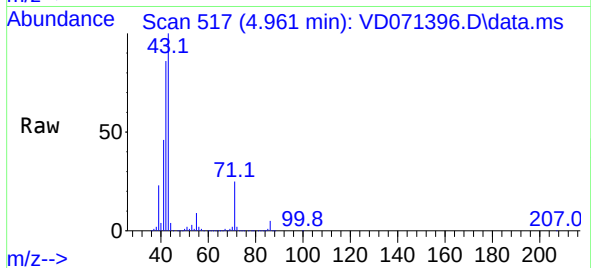
Tgt Ion: 73 Resp: 14628
Ion Ratio Lower Upper
73 100
57 164899.1 18.9 28.3#



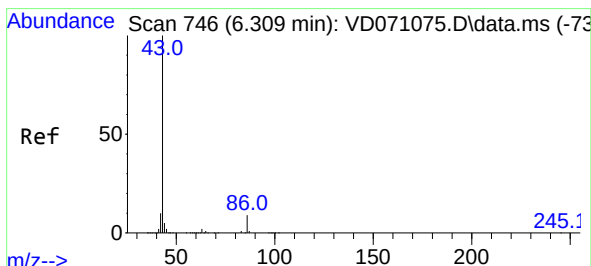
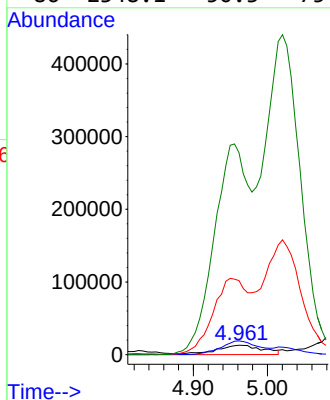
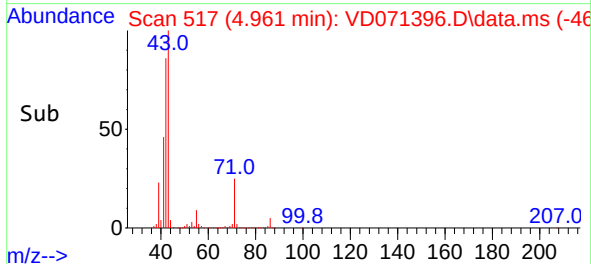


#20
Methylene Chloride
Concen: 4.339 ug/l
RT: 4.961 min Scan# 51
Delta R.T. -0.007 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

Instrument :
MSVOA_D
ClientSampleId :

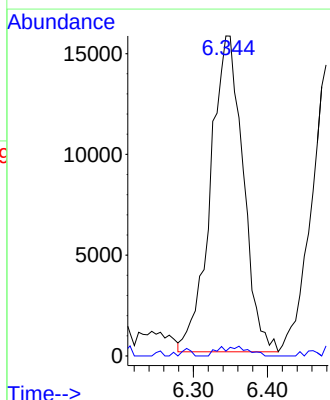
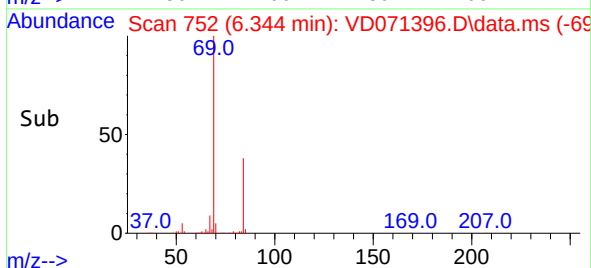
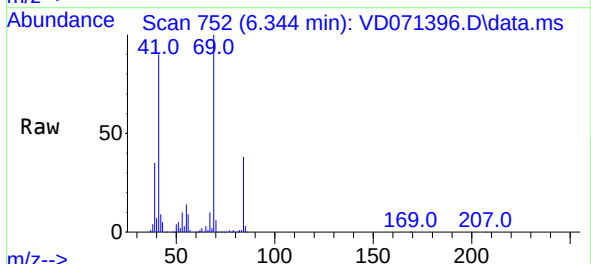


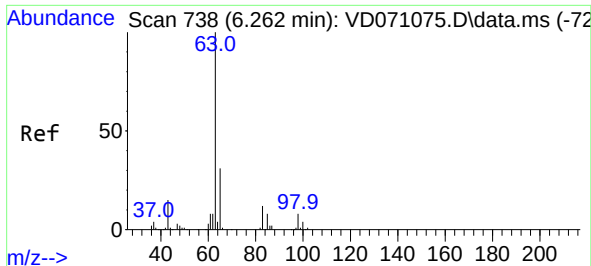
Tgt Ion: 84 Resp: 55958
Ion Ratio Lower Upper
84 100
49 160.3 95.8 143.6#
51 862.6 30.9 46.3#
86 2348.1 50.3 75.5#



#23
Vinyl Acetate
Concen: 31.085 ug/l
RT: 6.344 min Scan# 752
Delta R.T. 0.035 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

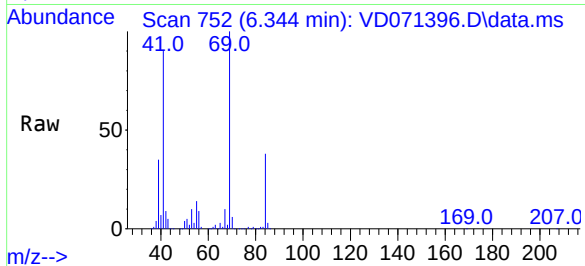
Tgt Ion: 43 Resp: 48051
Ion Ratio Lower Upper
43 100
86 1.5 8.2 12.4#



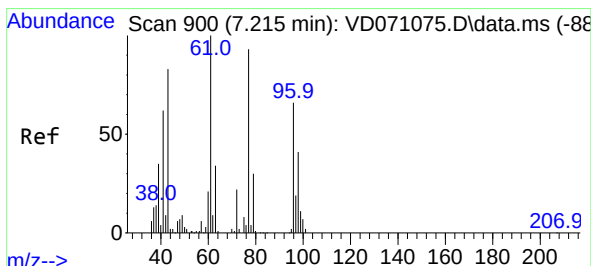
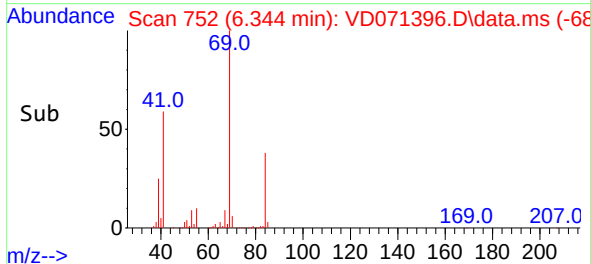
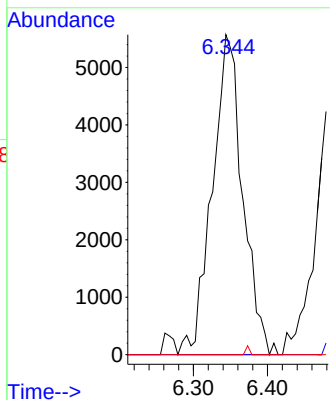


#24
1,1-Dichloroethane
Concen: 1.348 ug/l
RT: 6.344 min Scan# 71
Delta R.T. 0.082 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

Instrument :
MSVOA_D
ClientSampleId :

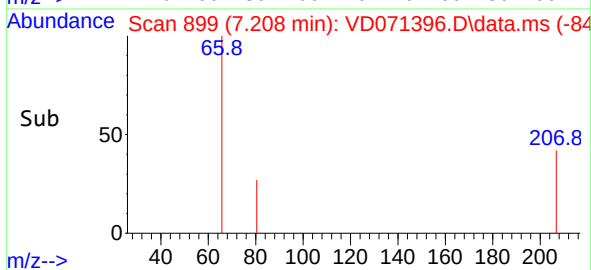
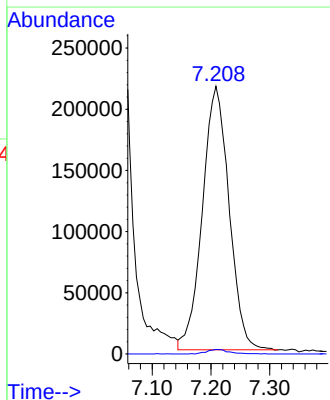
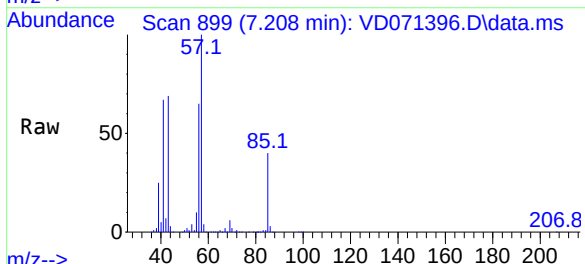


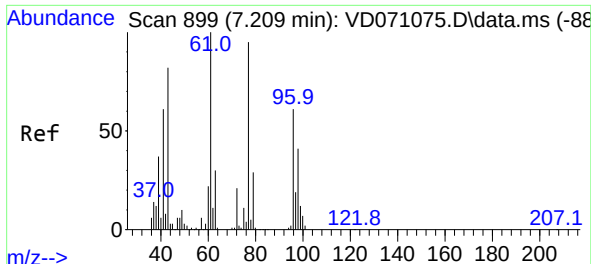
Tgt Ion: 63 Resp: 15875
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.6#
100 0.0 2.1 6.3#



#25
2-Butanone
Concen: 317.059 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.007 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

Tgt Ion: 43 Resp: 679257
Ion Ratio Lower Upper
43 100
72 1.7 23.8 35.6#





#26

2,2-Dichloropropane

Concen: 8.503 ug/l

RT: 7.032 min Scan# 80

Delta R.T. -0.177 min

Lab File: VD071396.D

Acq: 20 Dec 2021 18:47

Instrument :

MSVOA_D

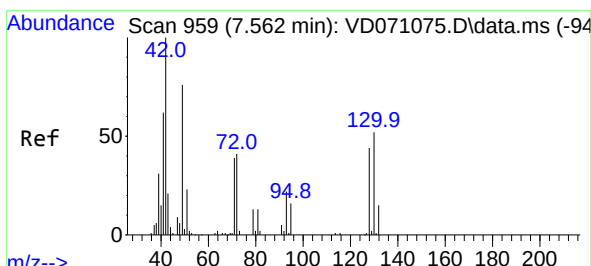
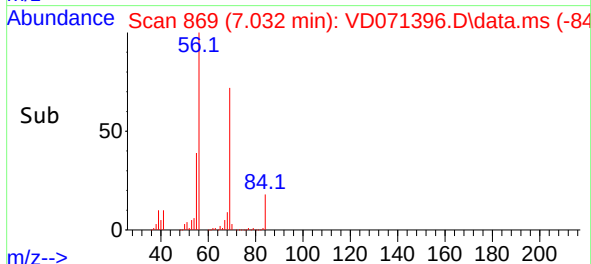
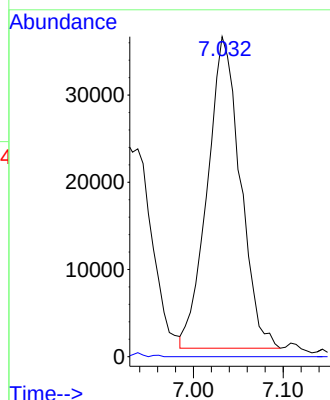
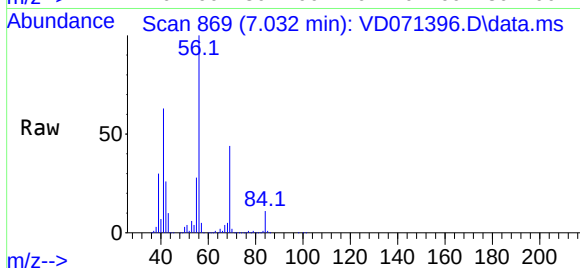
ClientSampleId :

Tgt Ion: 77 Resp: 91073

Ion Ratio Lower Upper

77 100

97 0.0 11.9 35.5#



#29

Tetrahydrofuran

Concen: 20.853 ug/l

RT: 7.573 min Scan# 961

Delta R.T. 0.011 min

Lab File: VD071396.D

Acq: 20 Dec 2021 18:47

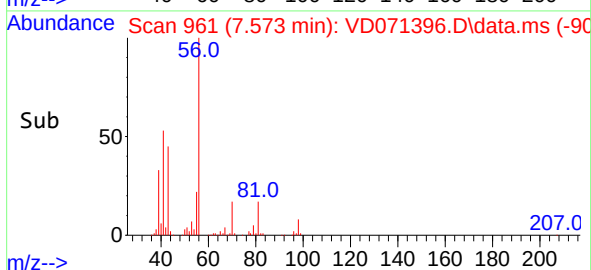
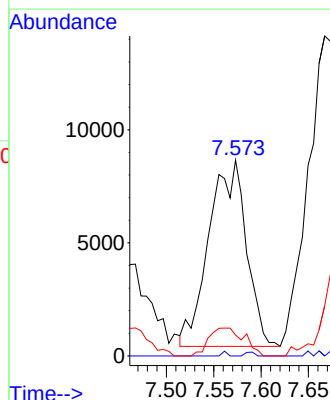
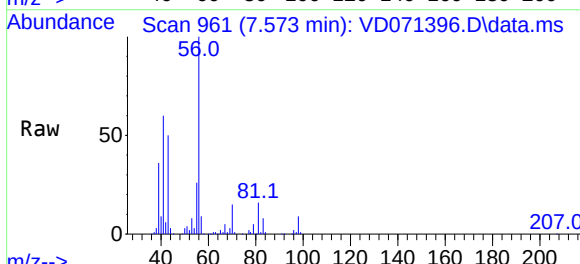
Tgt Ion: 42 Resp: 22521

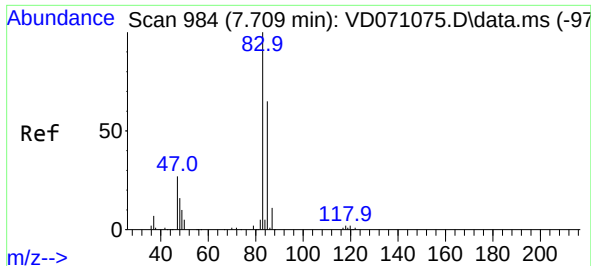
Ion Ratio Lower Upper

42 100

72 0.0 33.7 50.5#

71 0.0 32.7 49.1#

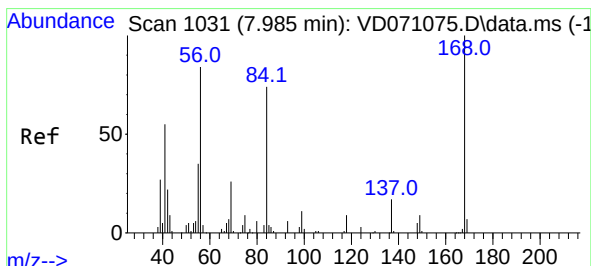
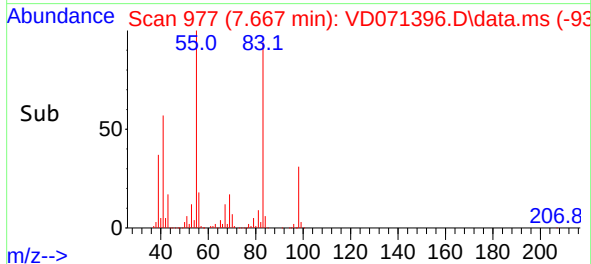
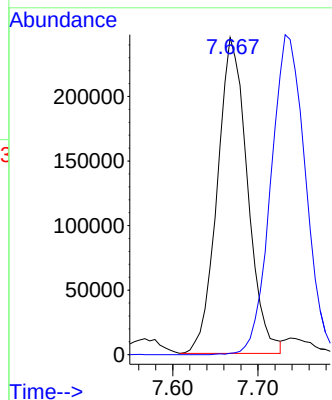
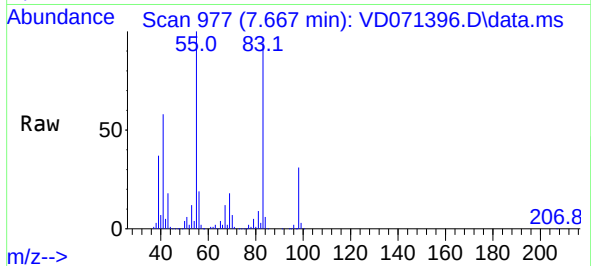




#30
Chloroform
Concen: 50.908 ug/l
RT: 7.667 min Scan# 91
Delta R.T. -0.042 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

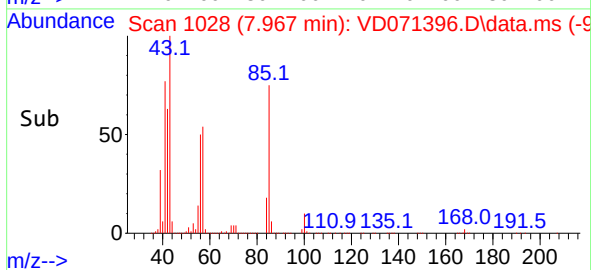
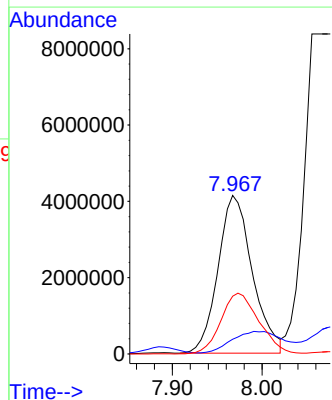
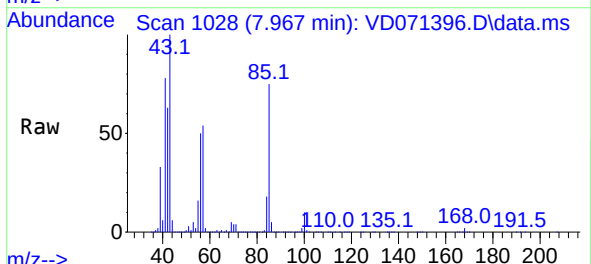
Instrument :
MSVOA_D
ClientSampleId :

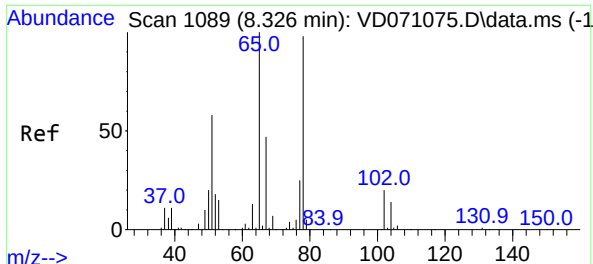
Tgt Ion: 83 Resp: 601783
Ion Ratio Lower Upper
83 100
85 0.5 51.0 76.6#



#31
Cyclohexane
Concen: 950.133 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.018 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

Tgt Ion: 56 Resp: 10992359
Ion Ratio Lower Upper
56 100
69 7.1 25.9 38.9#
84 36.6 64.3 96.5#

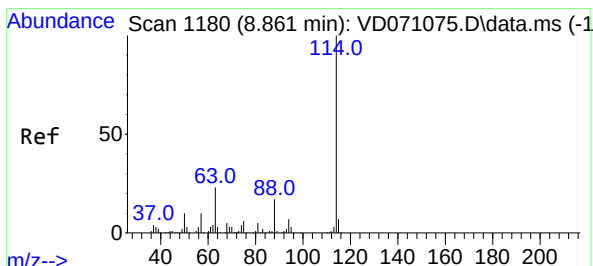
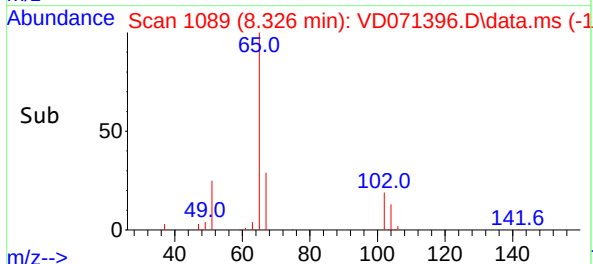
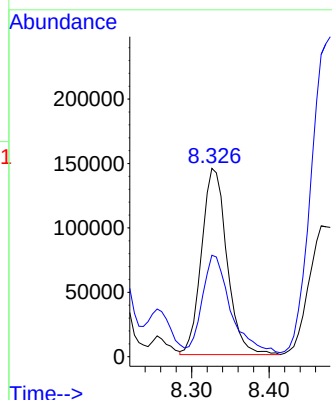
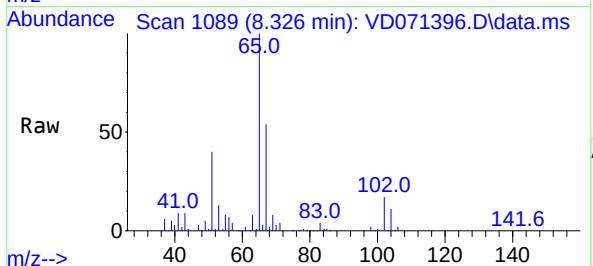




#33
1,2-Dichloroethane-d4
Concen: 48.498 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

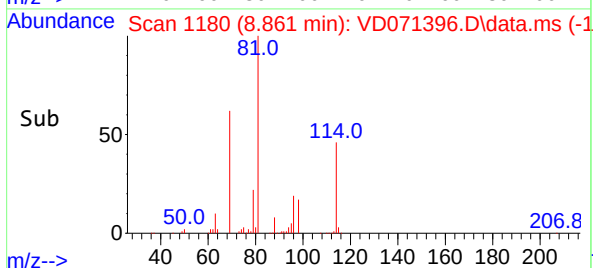
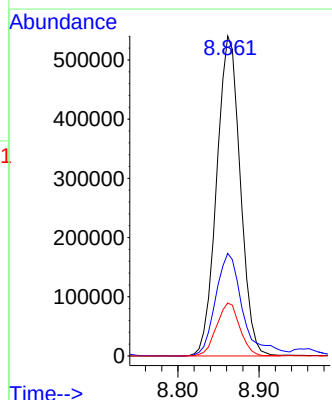
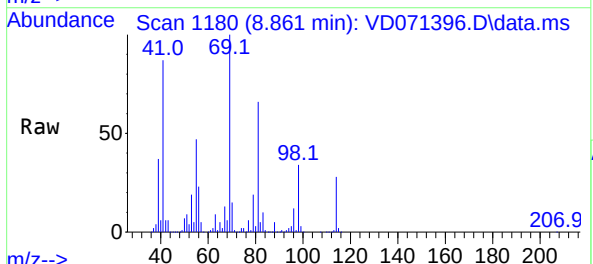
Instrument :
MSVOA_D
ClientSampleId :

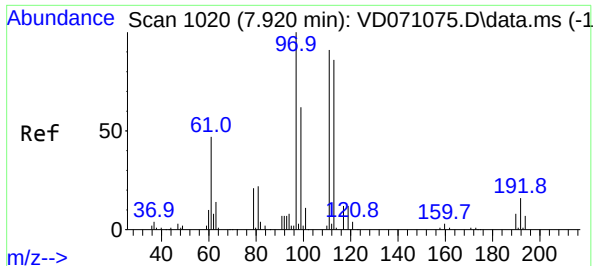
Tgt Ion: 65 Resp: 329862
Ion Ratio Lower Upper
65 100
67 57.4 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

Tgt Ion:114 Resp: 1093551
Ion Ratio Lower Upper
114 100
63 32.0 0.0 41.8
88 16.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 39.620 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.012 min

Lab File: VD071396.D

Acq: 20 Dec 2021 18:47

Instrument :

MSVOA_D

ClientSampleId :

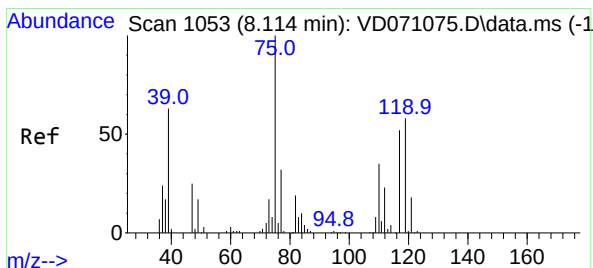
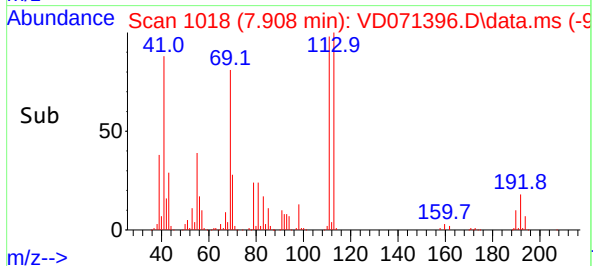
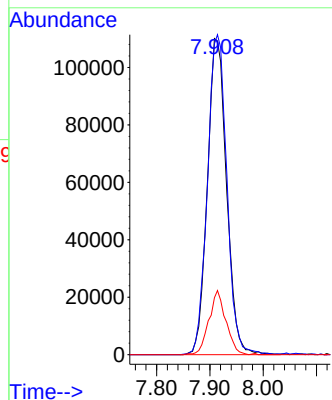
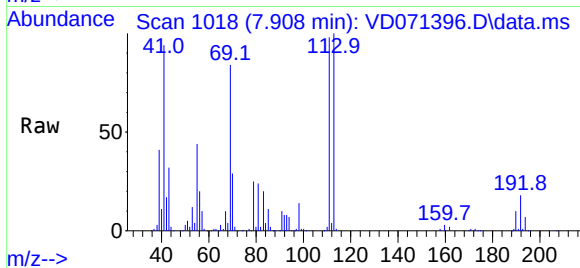
Tgt Ion:113 Resp: 275896

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

192 18.0 15.2 22.8



#36

1,1-Dichloropropene

Concen: 1.386 ug/l

RT: 8.073 min Scan# 1046

Delta R.T. -0.041 min

Lab File: VD071396.D

Acq: 20 Dec 2021 18:47

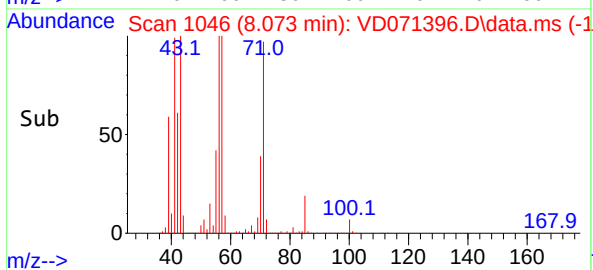
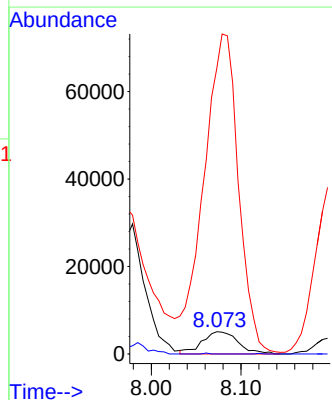
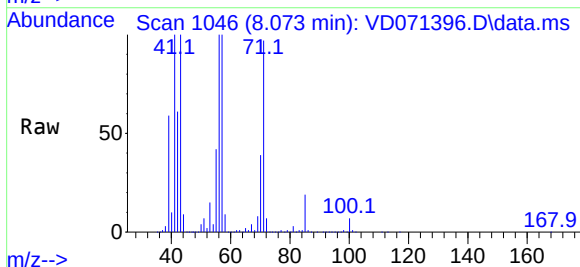
Tgt Ion: 75 Resp: 14168

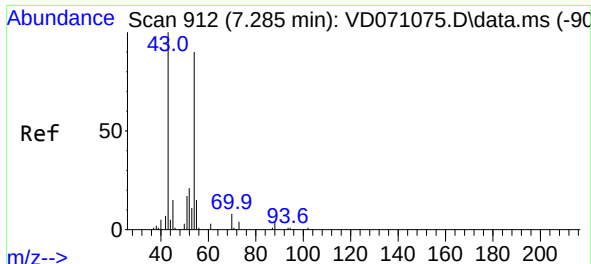
Ion Ratio Lower Upper

75 100

110 0.0 17.8 53.4#

77 1384.6 24.8 37.2#





#37

Ethyl Acetate

Concen: 153.854 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.077 min

Lab File: VD071396.D

Acq: 20 Dec 2021 18:47

Instrument :

MSVOA_D

ClientSampleId :

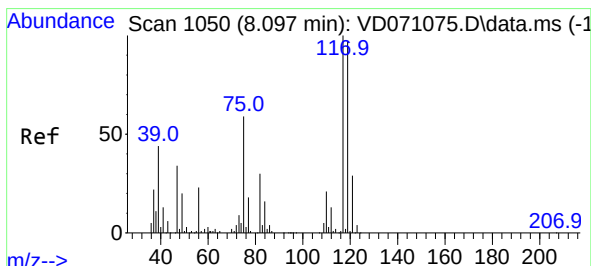
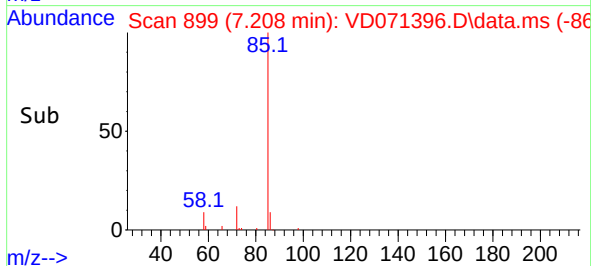
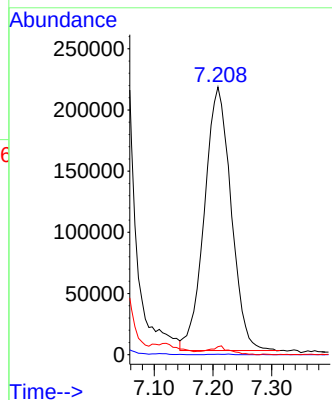
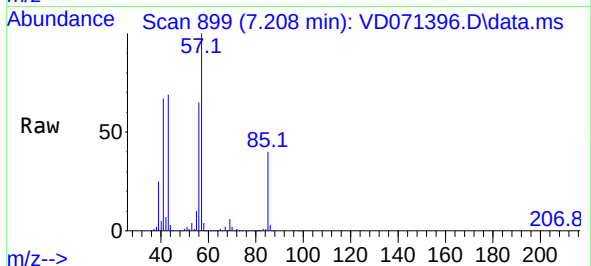
Tgt Ion: 43 Resp: 679257

Ion Ratio Lower Upper

43 100

61 0.1 13.0 19.6#

70 2.5 8.7 13.1#



#38

Carbon Tetrachloride

Concen: 6.307 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD071396.D

Acq: 20 Dec 2021 18:47

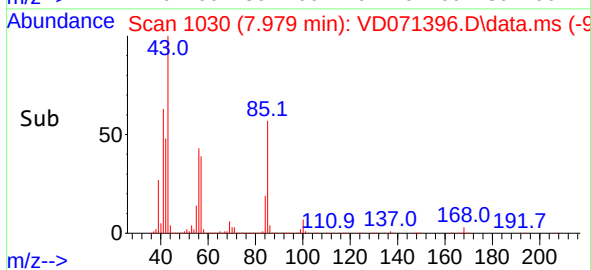
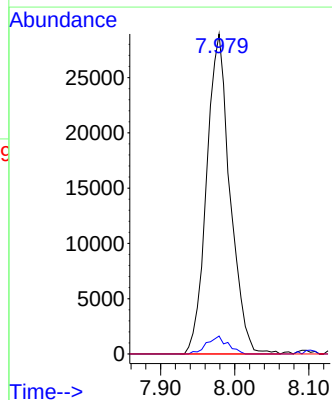
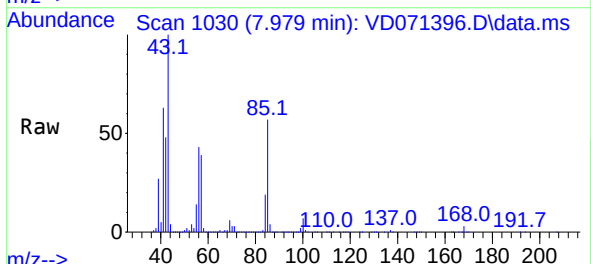
Tgt Ion: 117 Resp: 63539

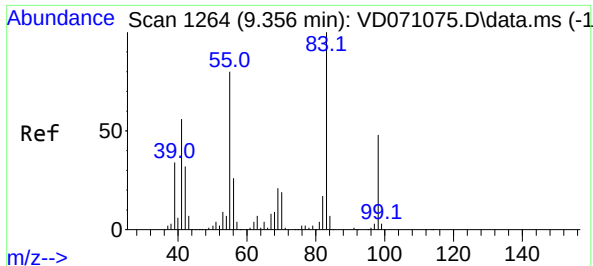
Ion Ratio Lower Upper

117 100

119 5.6 75.8 113.6#

121 0.0 23.6 35.4#





#39

Methylcyclohexane

Concen: 1427.192 ug/l

RT: 9.355 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD071396.D

Acq: 20 Dec 2021 18:47

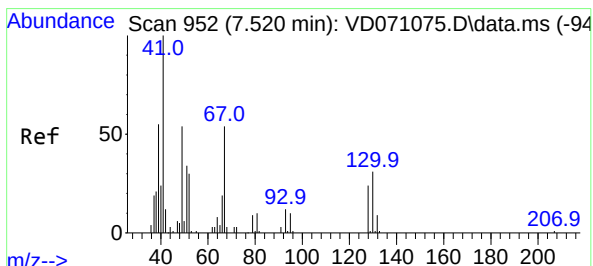
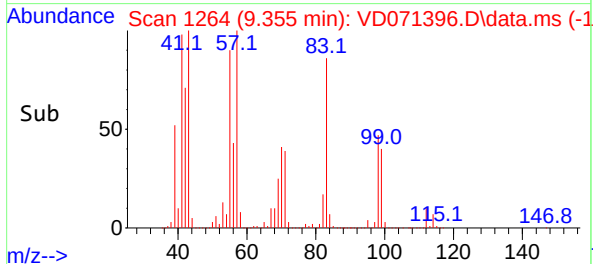
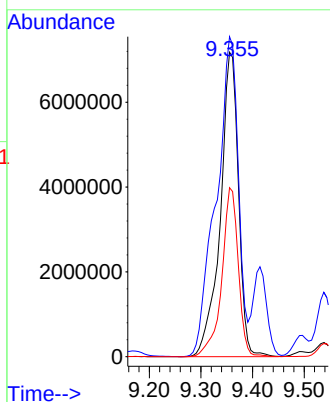
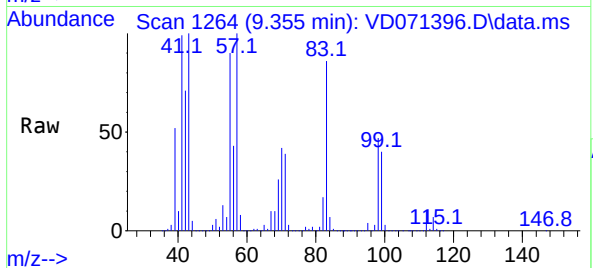
Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83 Resp:17544739

Ion	Ratio	Lower	Upper
83	100		
55	105.0	65.8	98.8#
98	55.5	38.7	58.1



#41

Methacrylonitrile

Concen: 87.604 ug/l

RT: 7.561 min Scan# 959

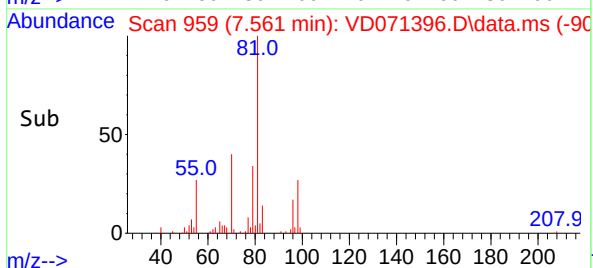
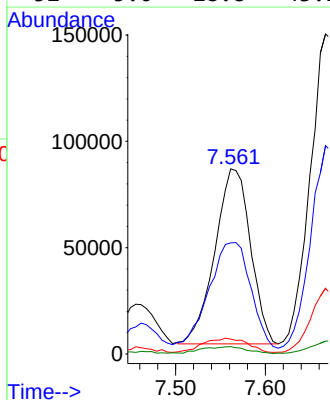
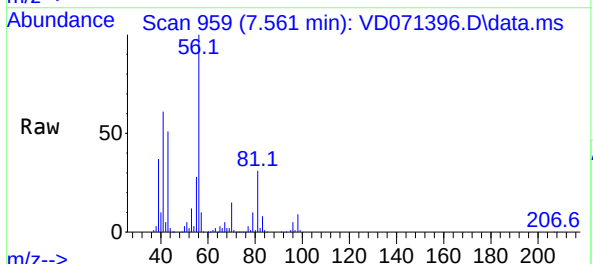
Delta R.T. 0.041 min

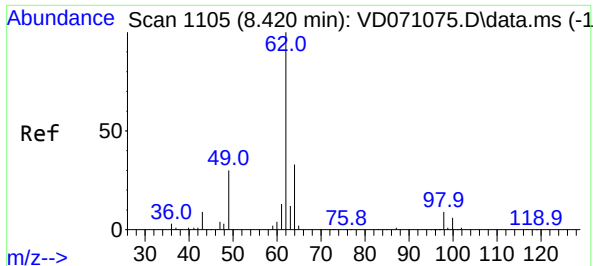
Lab File: VD071396.D

Acq: 20 Dec 2021 18:47

Tgt Ion: 41 Resp: 227215

Ion	Ratio	Lower	Upper
41	100		
39	70.4	60.2	90.4
67	0.0	74.8	112.2#
52	5.0	28.8	43.2#





#42

1,2-Dichloroethane

Concen: 6.497 ug/l

RT: 8.467 min Scan# 1113

Delta R.T. 0.047 min

Lab File: VD071396.D

Acq: 20 Dec 2021 18:47

Instrument :

MSVOA_D

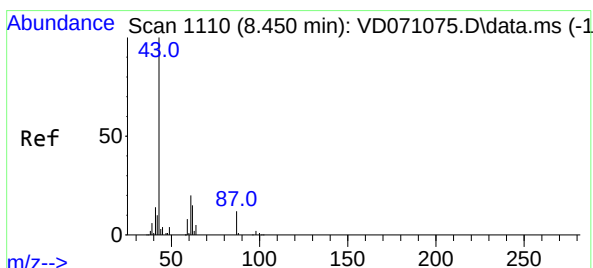
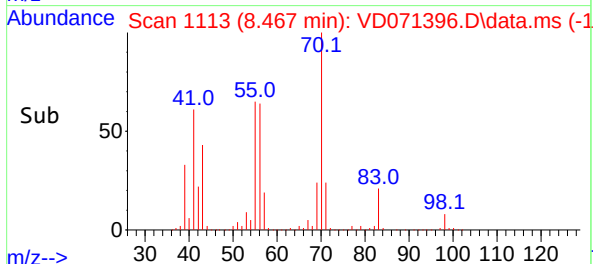
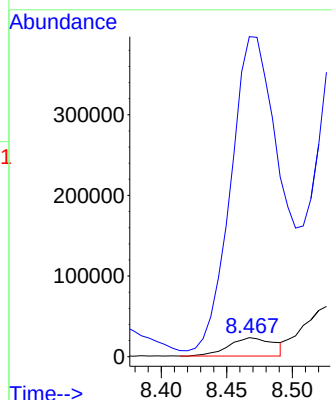
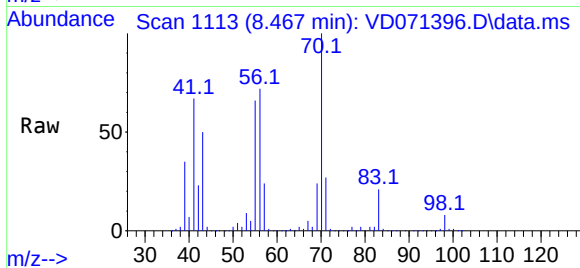
ClientSampleId :

Tgt Ion: 62 Resp: 55061

Ion Ratio Lower Upper

62 100

98 1829.2 0.0 21.8#



#43

Isopropyl Acetate

Concen: 603.800 ug/l

RT: 8.461 min Scan# 1112

Delta R.T. 0.011 min

Lab File: VD071396.D

Acq: 20 Dec 2021 18:47

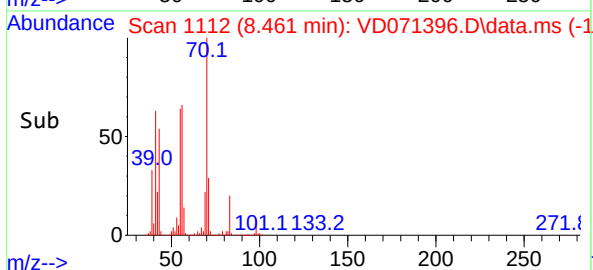
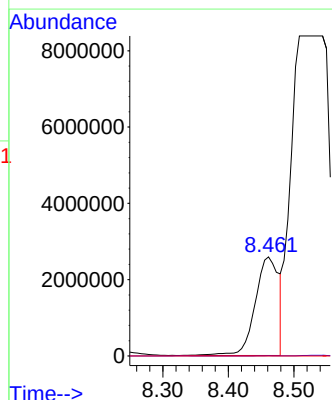
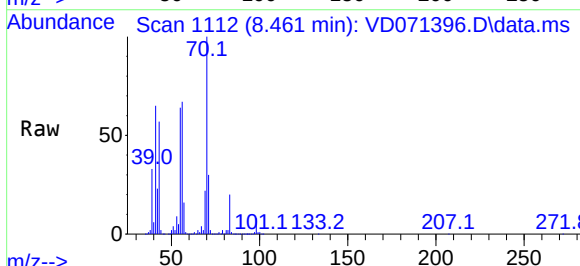
Tgt Ion: 43 Resp: 6493197

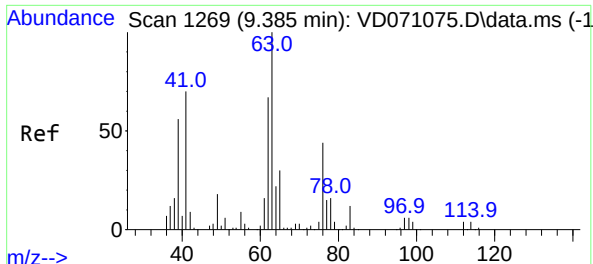
Ion Ratio Lower Upper

43 100

61 0.3 28.2 42.4#

87 0.0 10.7 16.1#





#45

1,2-Dichloropropane

Concen: 45.850 ug/l

RT: 9.361 min Scan# 1

Delta R.T. -0.024 min

Lab File: VD071396.D

Acq: 20 Dec 2021 18:47

Instrument :

MSVOA_D

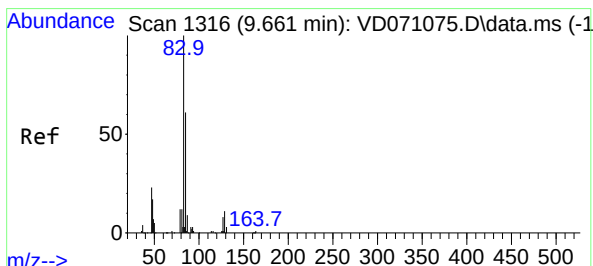
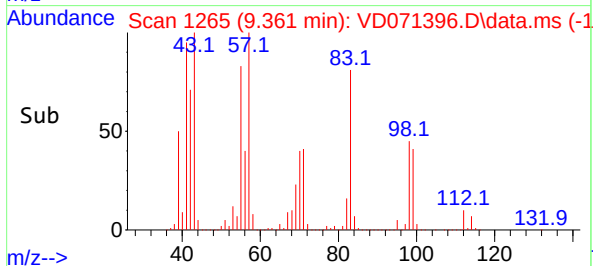
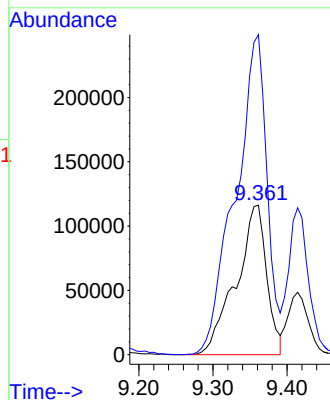
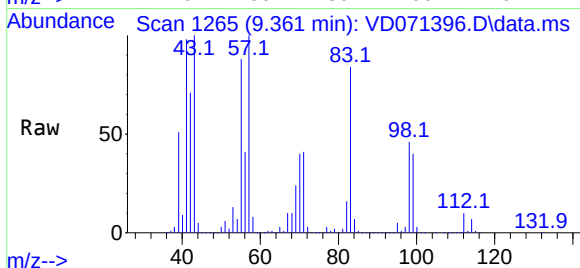
ClientSampleId :

Tgt Ion: 63 Resp: 334748

Ion Ratio Lower Upper

63 100

65 213.9 24.2 36.2#



#47

Bromodichloromethane

Concen: 141.112 ug/l

RT: 9.644 min Scan# 1313

Delta R.T. -0.017 min

Lab File: VD071396.D

Acq: 20 Dec 2021 18:47

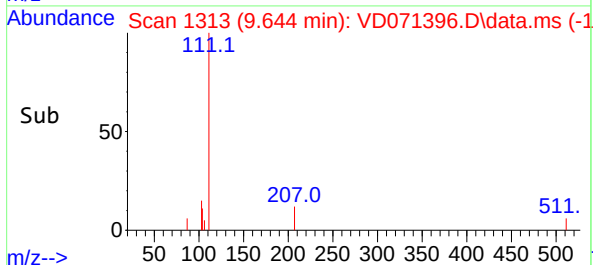
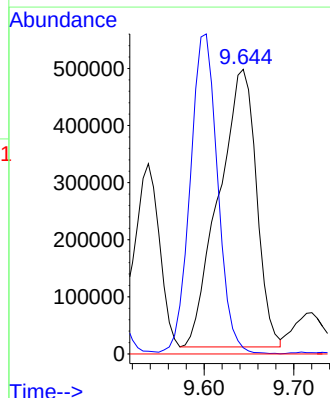
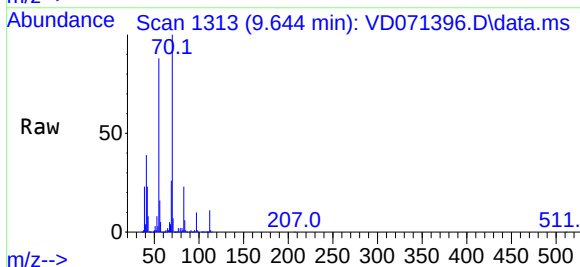
Tgt Ion: 83 Resp: 1413582

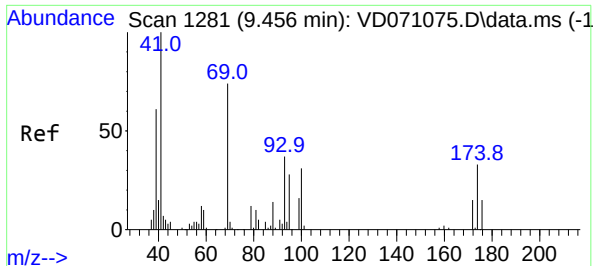
Ion Ratio Lower Upper

83 100

85 2.2 50.0 75.0#

127 0.0 7.3 10.9#





#48

Methyl methacrylate

Concen: 786.050 ug/l

RT: 9.491 min Scan# 1

Delta R.T. 0.035 min

Lab File: VD071396.D

Acq: 20 Dec 2021 18:47

Instrument :

MSVOA_D

ClientSampleId :

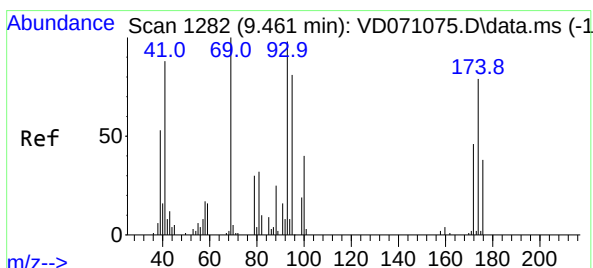
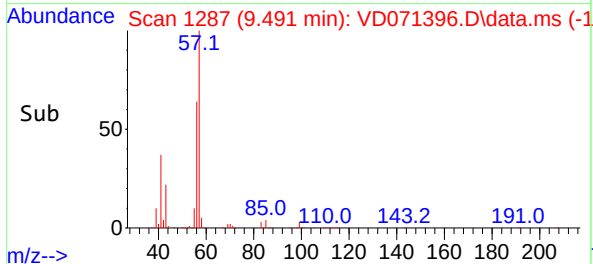
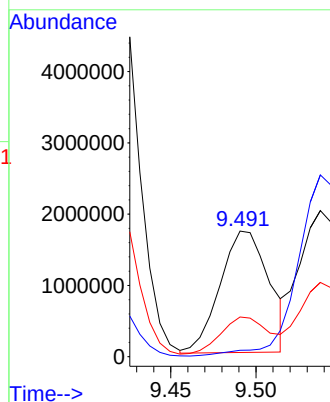
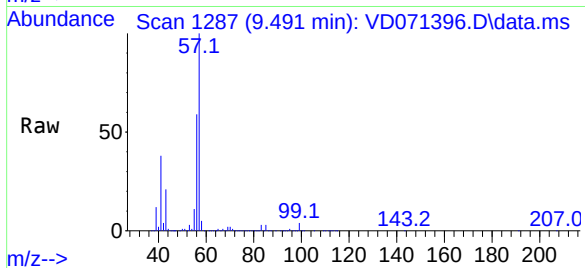
Tgt Ion: 41 Resp: 3396961

Ion Ratio Lower Upper

41 100

69 0.0 69.8 104.6#

39 30.3 35.6 53.4#



#49

1,4-Dioxane

Concen: 20.648 ug/l

RT: 9.414 min Scan# 1274

Delta R.T. -0.047 min

Lab File: VD071396.D

Acq: 20 Dec 2021 18:47

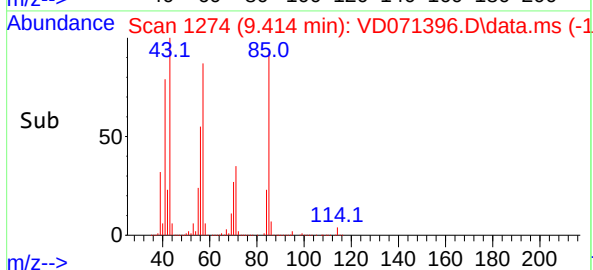
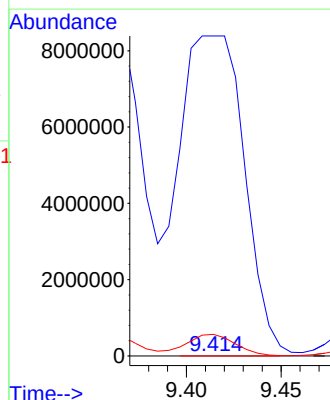
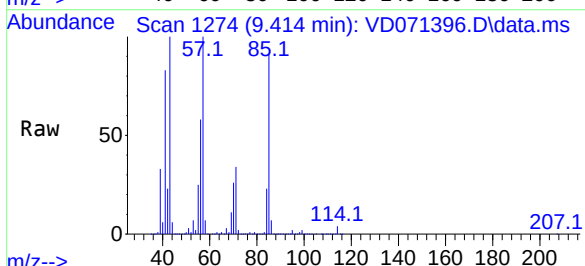
Tgt Ion: 88 Resp: 755

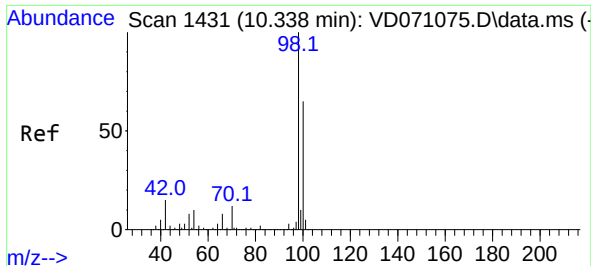
Ion Ratio Lower Upper

88 100

43 2621827.3 28.9 43.3#

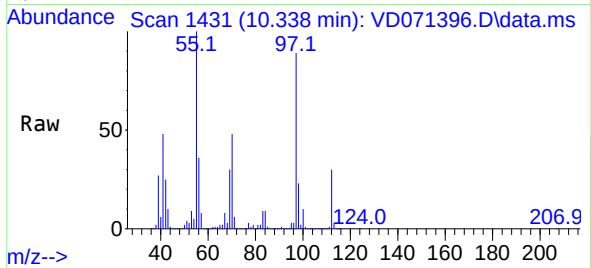
58 138632.6 56.3 84.5#



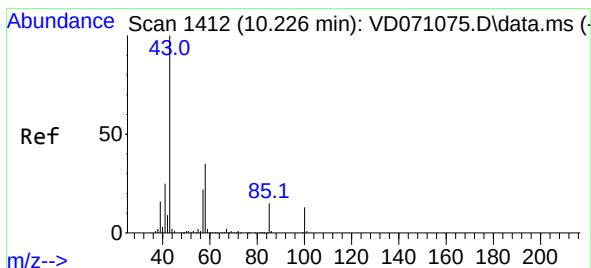
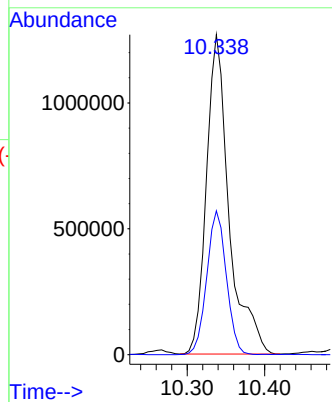
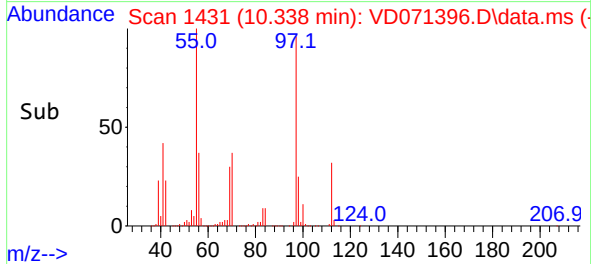


#50
Toluene-d8
Concen: 97.048 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

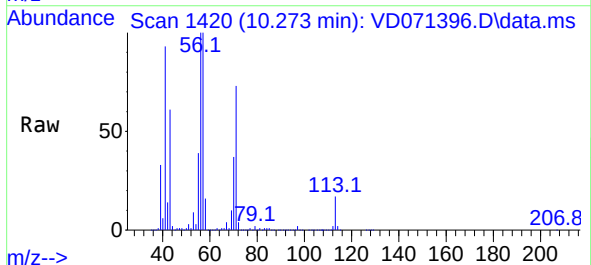
Instrument :
MSVOA_D
ClientSampleId :



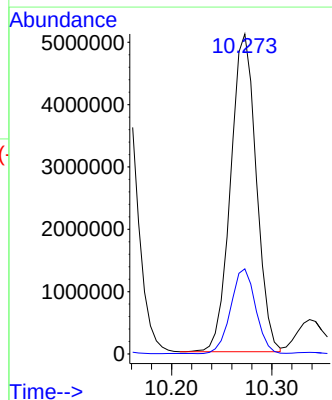
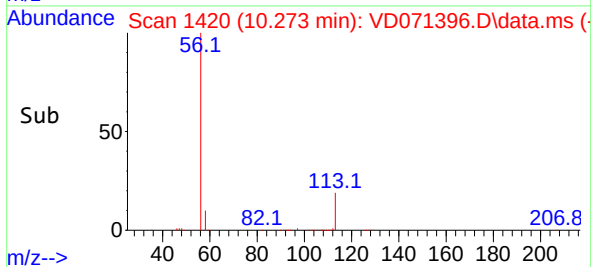
Tgt Ion: 98 Resp: 2571776
Ion Ratio Lower Upper
98 100
100 39.0 51.8 77.6#

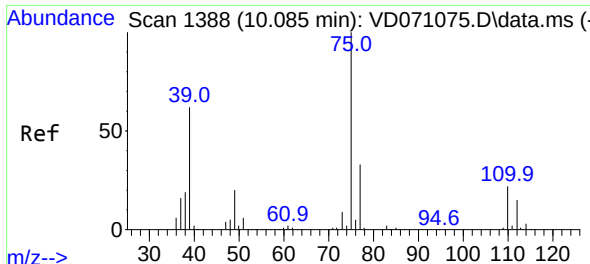


#51
4-Methyl-2-Pentanone
Concen: 1626.994 ug/l
RT: 10.273 min Scan# 1420
Delta R.T. 0.047 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47



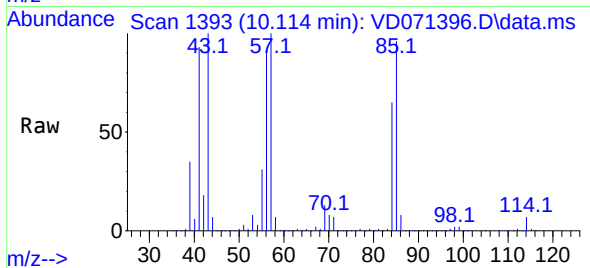
Tgt Ion: 43 Resp: 9057852
Ion Ratio Lower Upper
43 100
58 25.9 33.1 49.7#



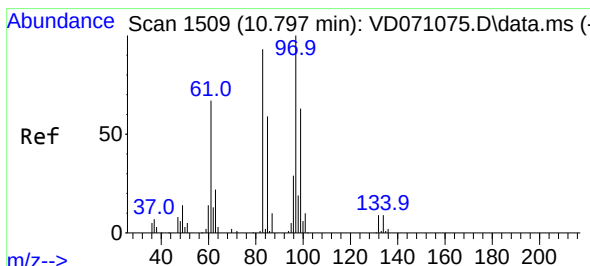
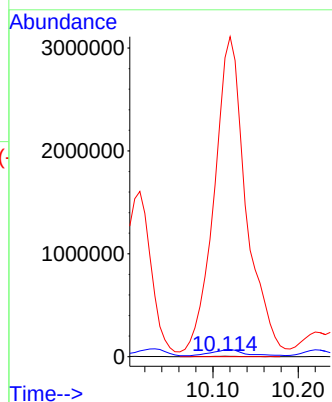
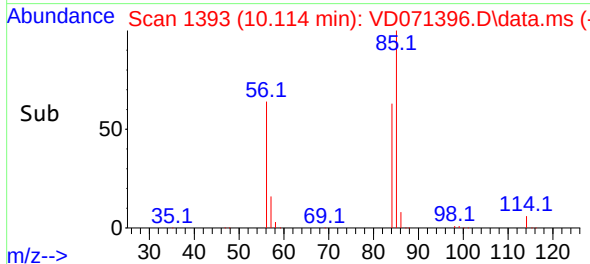


#54
 cis-1,3-Dichloropropene
 Concen: 1.007 ug/l
 RT: 10.114 min Scan# 11
 Delta R.T. 0.029 min
 Lab File: VD071396.D
 Acq: 20 Dec 2021 18:47

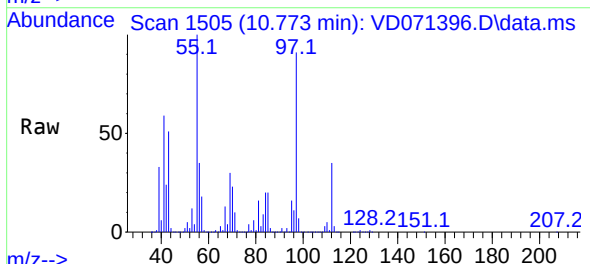
Instrument :
 MSVOA_D
 ClientSampleId :



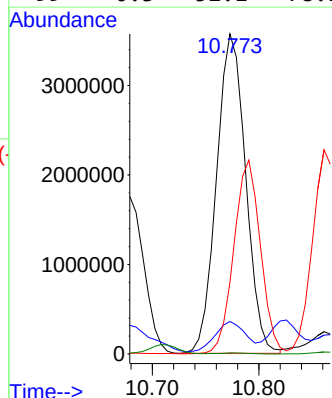
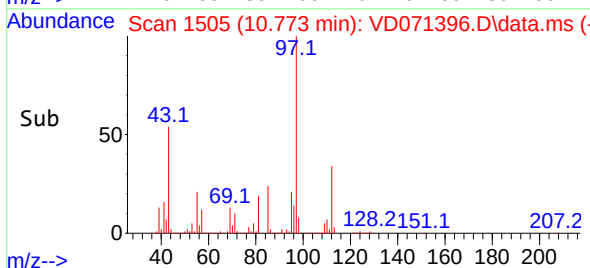
Tgt Ion: 75 Resp: 11014
 Ion Ratio Lower Upper
 75 100
 77 1421.6 25.0 37.6#
 39 71076.1 31.6 47.4#

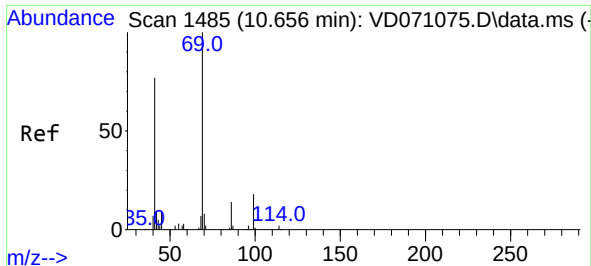


#55
 1,1,2-Trichloroethane
 Concen: 1362.559 ug/l
 RT: 10.773 min Scan# 1505
 Delta R.T. -0.024 min
 Lab File: VD071396.D
 Acq: 20 Dec 2021 18:47



Tgt Ion: 97 Resp: 6770726
 Ion Ratio Lower Upper
 97 100
 83 9.1 65.2 97.8#
 85 22.3 43.4 65.0#
 99 0.3 52.1 78.1#

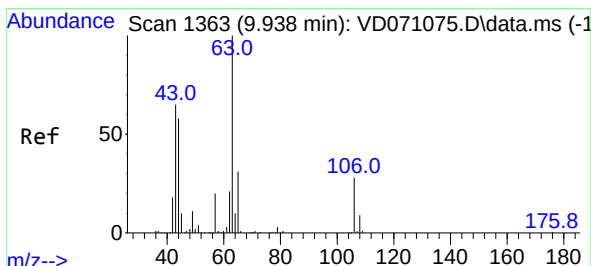
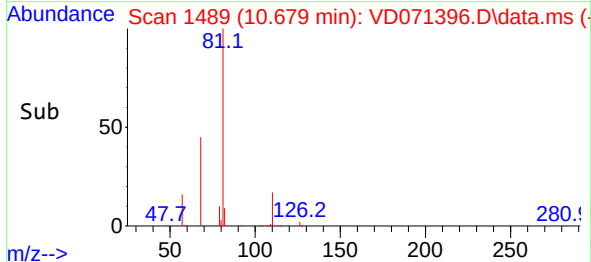
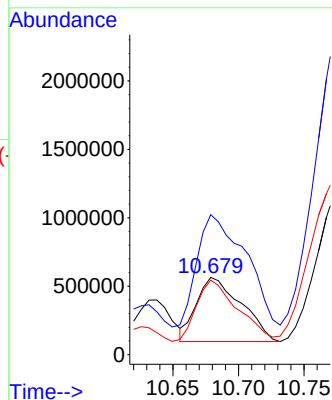
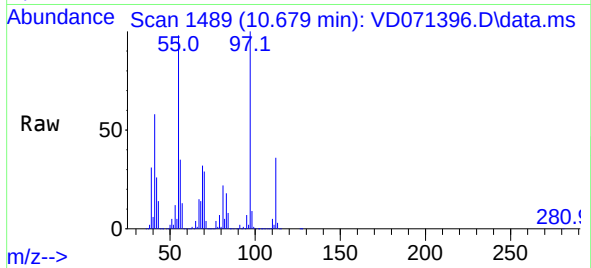




#56
Ethyl methacrylate
Concen: 143.206 ug/l
RT: 10.679 min Scan# 1489
Delta R.T. 0.023 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

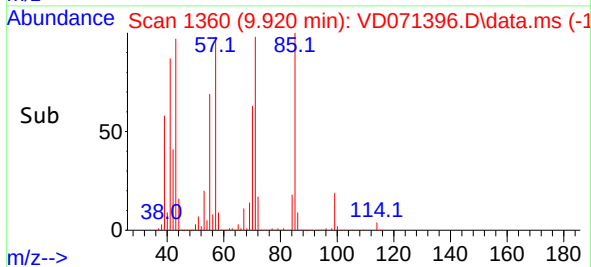
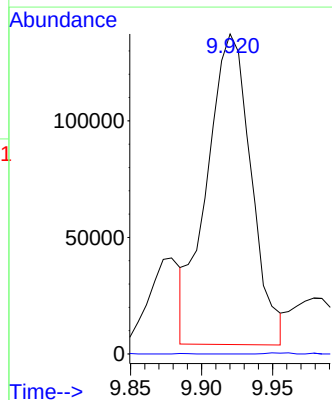
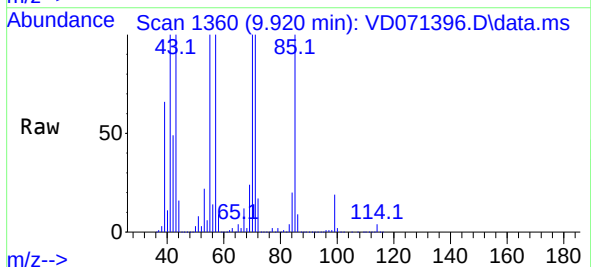
Instrument :
MSVOA_D
ClientSampleId :

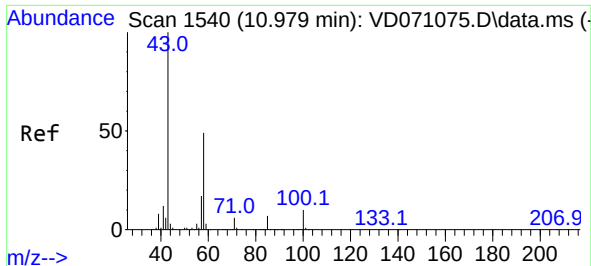
Tgt Ion: 69 Resp: 1114844
Ion Ratio Lower Upper
69 100
41 217.6 50.2 75.2#
39 97.6 19.8 29.8#



#58
2-Chloroethyl Vinyl ether
Concen: 85.358 ug/l
RT: 9.920 min Scan# 1360
Delta R.T. -0.018 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

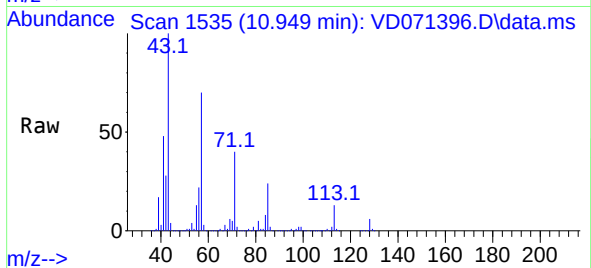
Tgt Ion: 63 Resp: 288629
Ion Ratio Lower Upper
63 100
106 0.0 21.0 31.4#



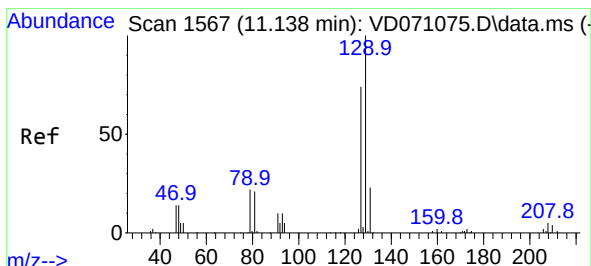
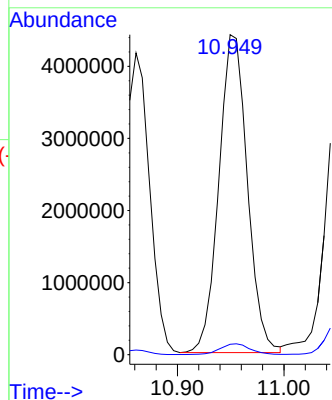
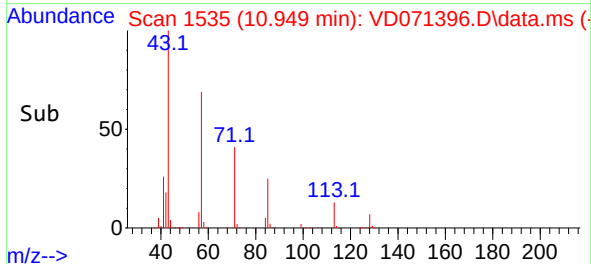


#59
2-Hexanone
Concen: 1916.278 ug/l
RT: 10.949 min Scan# 11
Delta R.T. -0.030 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

Instrument :
MSVOA_D
ClientSampleId :

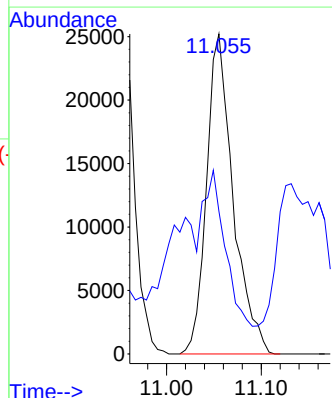
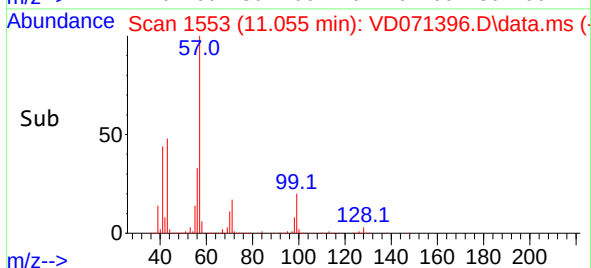
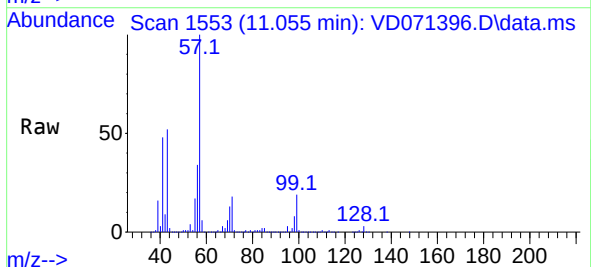


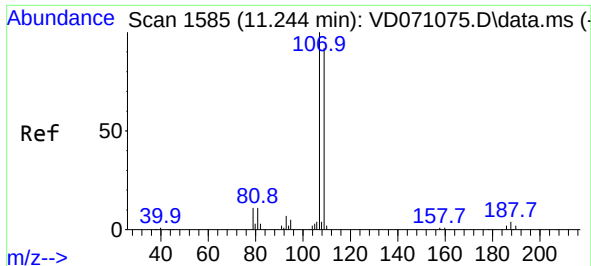
Tgt Ion: 43 Resp: 8191606
Ion Ratio Lower Upper
43 100
58 3.6 28.7 86.1#



#60
Dibromochloromethane
Concen: 7.955 ug/l
RT: 11.055 min Scan# 1553
Delta R.T. -0.083 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

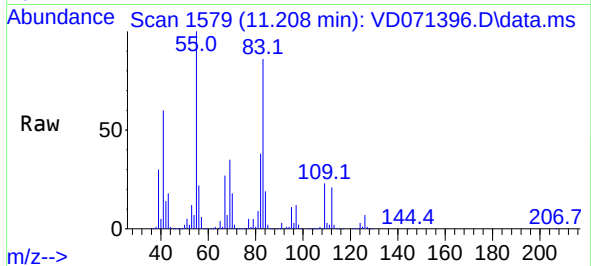
Tgt Ion:129 Resp: 49127
Ion Ratio Lower Upper
129 100
127 40.2 38.9 116.6



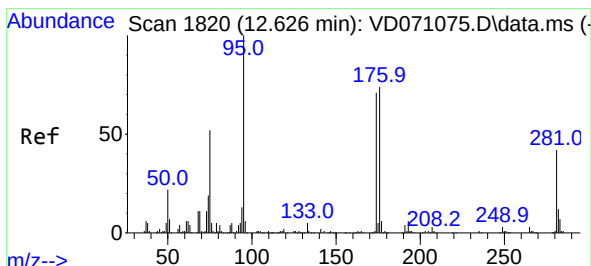
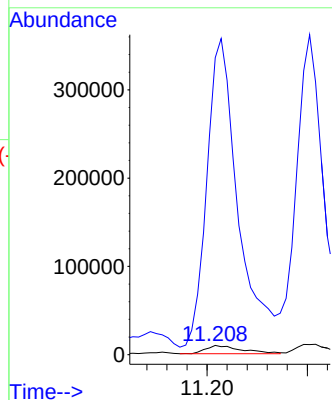
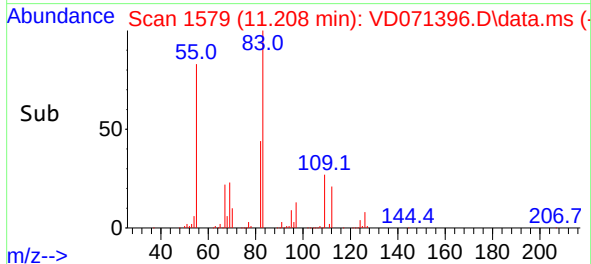


#61
1,2-Dibromoethane
Concen: 4.908 ug/l
RT: 11.208 min Scan# 11
Delta R.T. -0.036 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

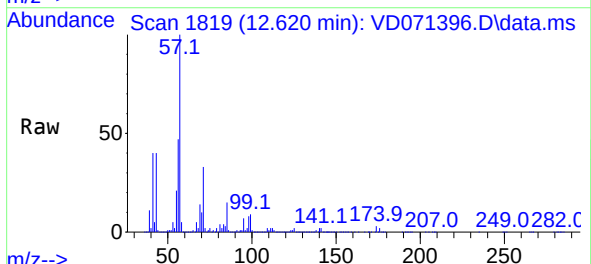
Instrument :
MSVOA_D
ClientSampleId :



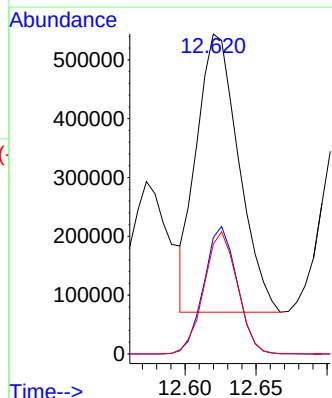
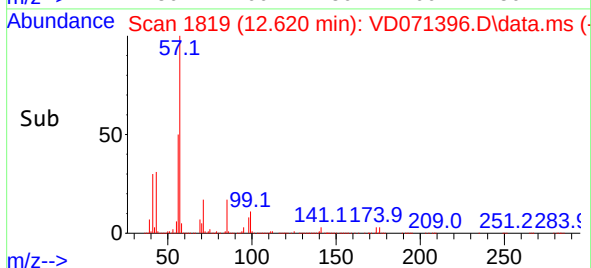
Tgt Ion:107 Resp: 23423
Ion Ratio Lower Upper
107 100
109 3211.2 74.6 112.0#

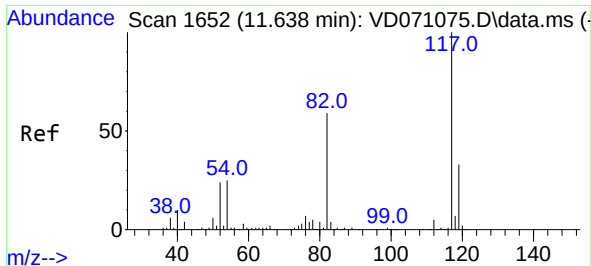


#62
4-Bromofluorobenzene
Concen: 106.143 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47



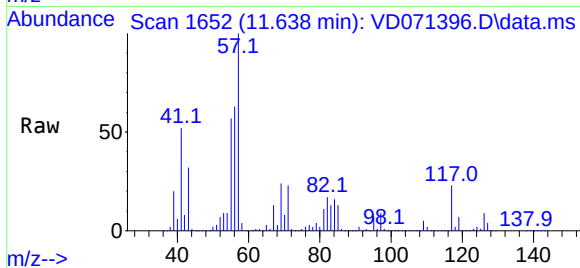
Tgt Ion: 95 Resp: 975021
Ion Ratio Lower Upper
95 100
174 36.2 0.0 159.4
176 34.8 0.0 154.0



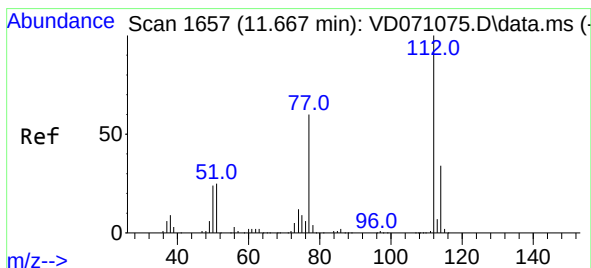
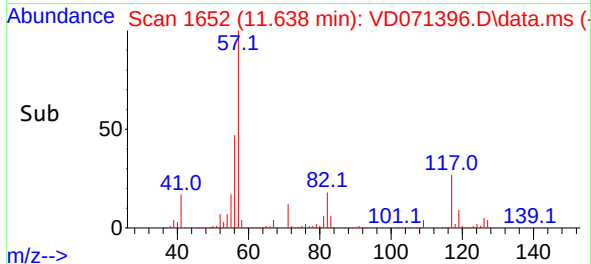
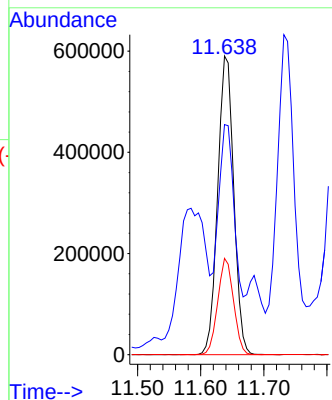


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

Instrument :
MSVOA_D
ClientSampleId :

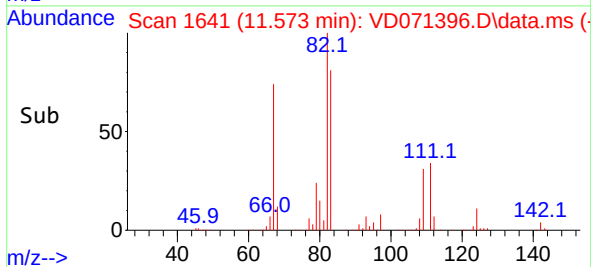
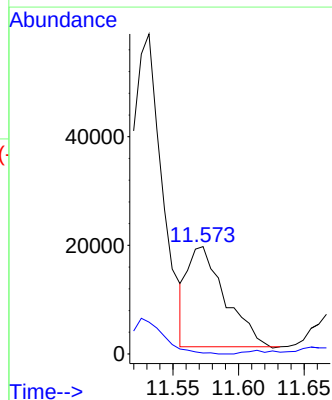
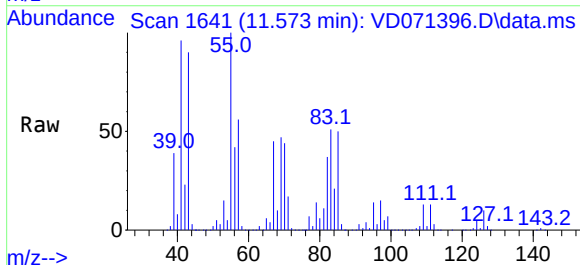


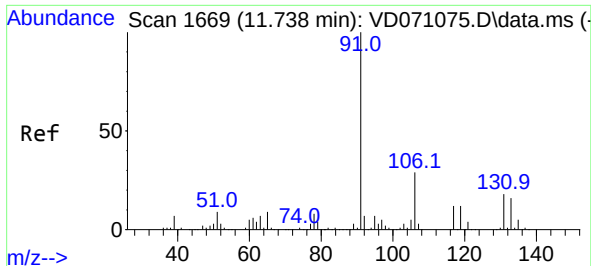
Tgt Ion:117 Resp: 1043170
Ion Ratio Lower Upper
117 100
82 44.4 44.7 67.1#
119 32.2 26.2 39.4



#65
Chlorobenzene
Concen: 1.892 ug/l
RT: 11.573 min Scan# 1641
Delta R.T. -0.094 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

Tgt Ion:112 Resp: 36624
Ion Ratio Lower Upper
112 100
114 0.0 26.0 39.0#





#67

Ethyl Benzene

Concen: 3.784 ug/l

RT: 11.743 min Scan# 1

Delta R.T. 0.005 min

Lab File: VD071396.D

Acq: 20 Dec 2021 18:47

Instrument :

MSVOA_D

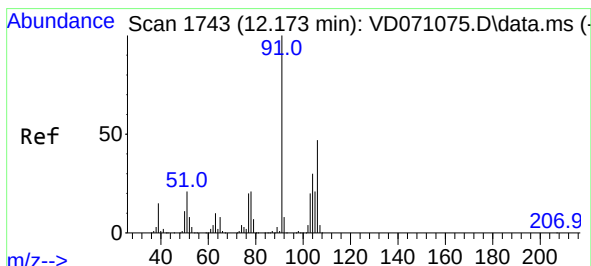
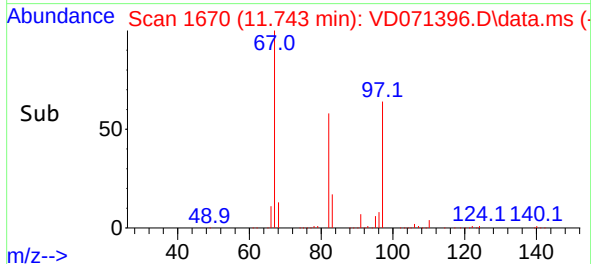
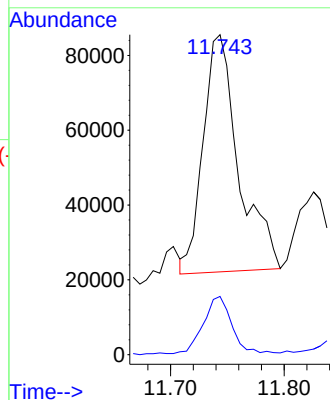
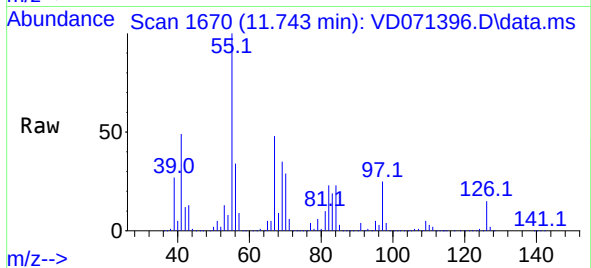
ClientSampleId :

Tgt Ion: 91 Resp: 137861

Ion Ratio Lower Upper

91 100

106 24.1 24.6 36.8#



#69

o-Xylene

Concen: 1.956 ug/l

RT: 12.179 min Scan# 1744

Delta R.T. 0.006 min

Lab File: VD071396.D

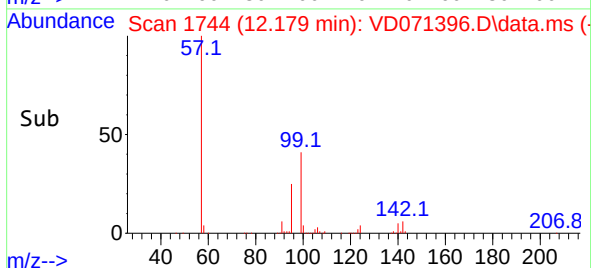
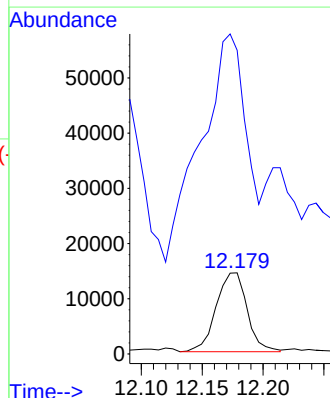
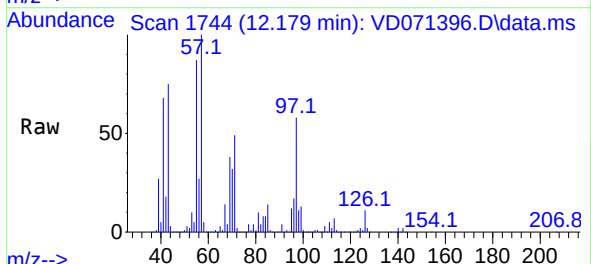
Acq: 20 Dec 2021 18:47

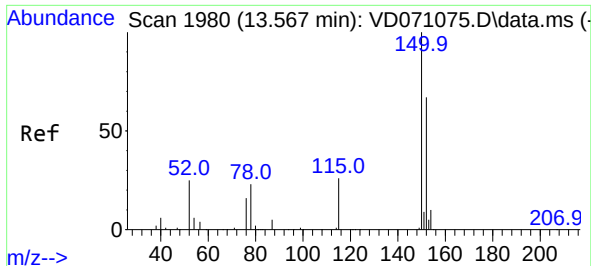
Tgt Ion:106 Resp: 25285

Ion Ratio Lower Upper

106 100

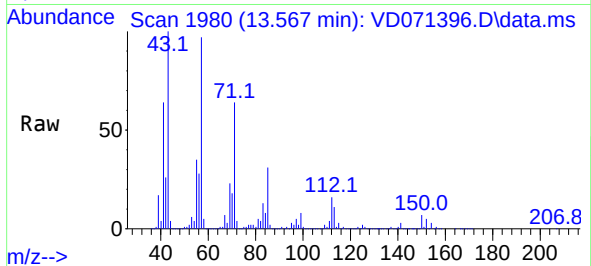
91 423.9 106.3 319.0#



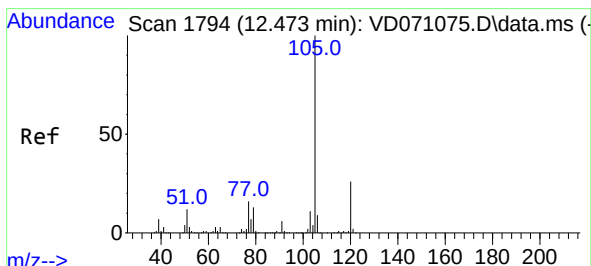
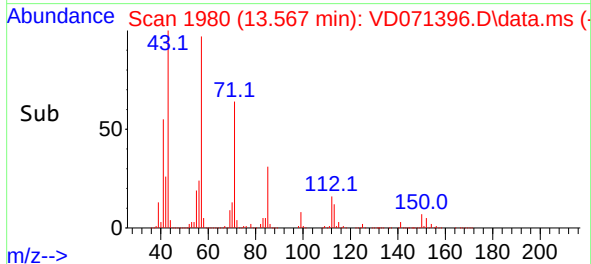
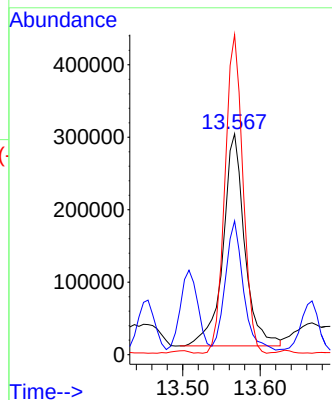


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

Instrument :
MSVOA_D
ClientSampleId :

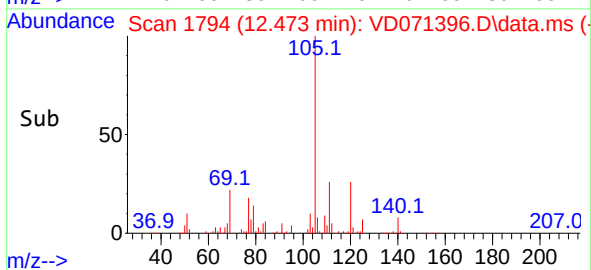
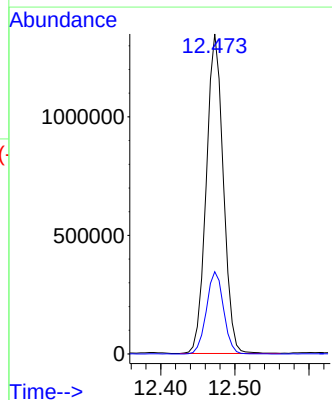
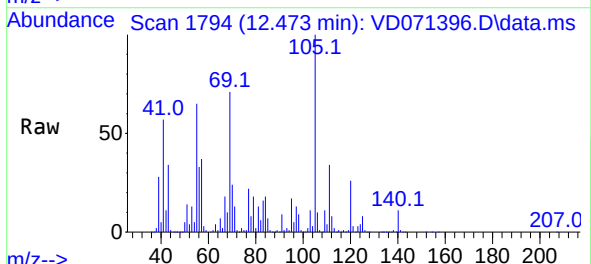


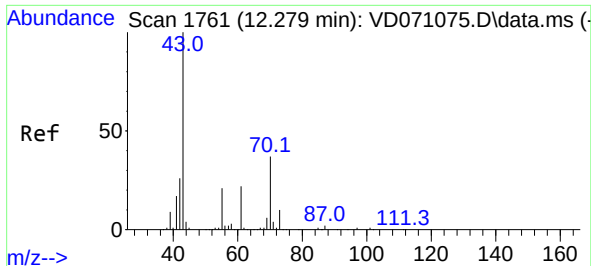
Tgt Ion:152 Resp: 568870
Ion Ratio Lower Upper
152 100
115 50.3 29.8 89.3
150 124.9 0.0 349.2



#73
Isopropylbenzene
Concen: 52.236 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

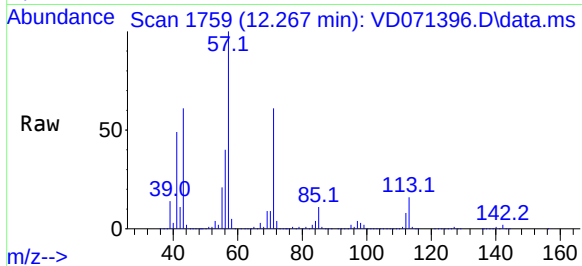
Tgt Ion:105 Resp: 2151632
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.5





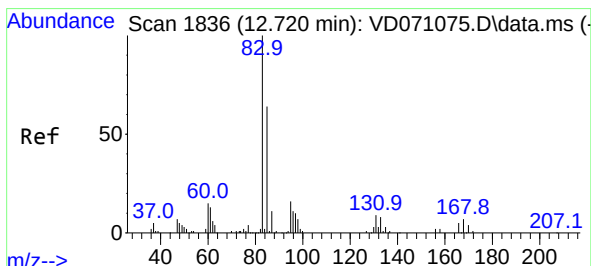
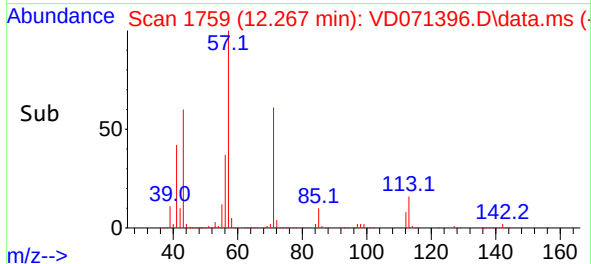
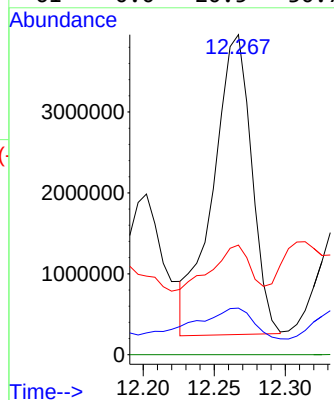
#74
N-amy1 acetate
Concen: 558.130 ug/l
RT: 12.267 min Scan# 1759
Delta R.T. -0.012 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 43 Resp: 7031766

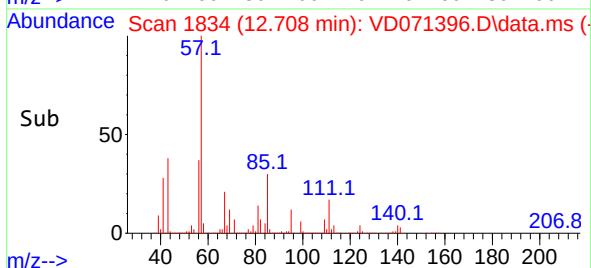
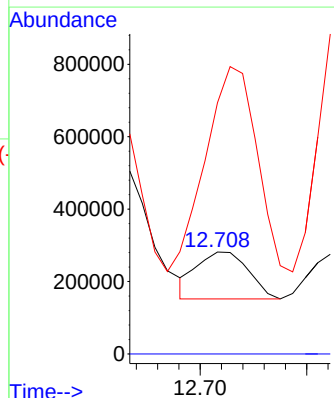
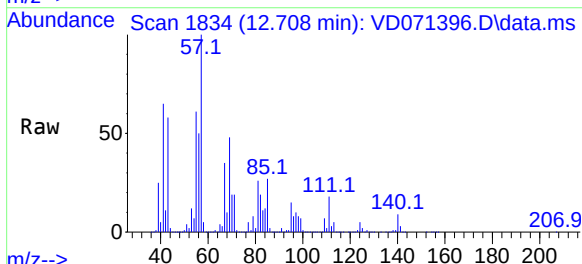
Ion	Ratio	Lower	Upper
43	100		
70	15.9	36.6	55.0#
55	14.5	22.5	33.7#
61	0.0	20.5	30.7#

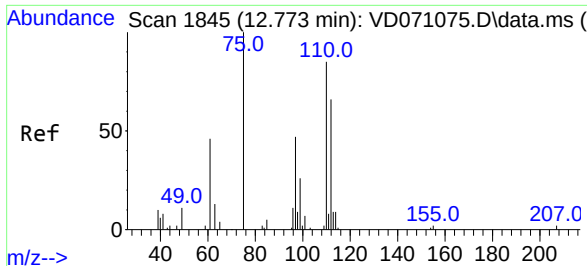


#75
1,1,2,2-Tetrachloroethane
Concen: 32.148 ug/l
RT: 12.708 min Scan# 1834
Delta R.T. -0.012 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

Tgt Ion: 83 Resp: 218071

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.9	14.7#
85	431.3	32.0	96.2#

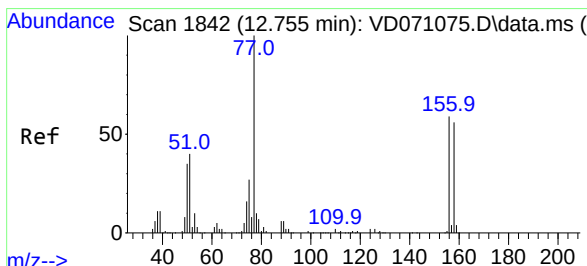
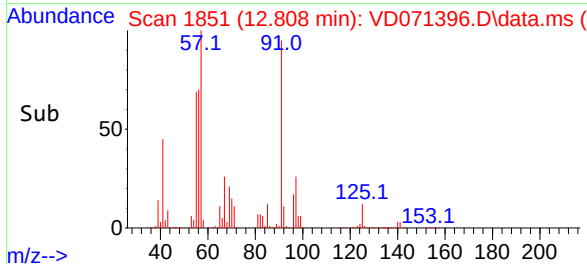
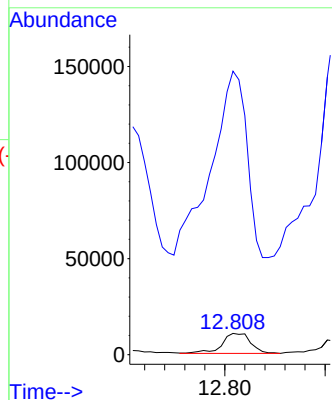
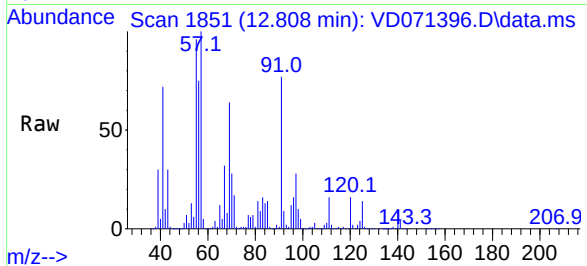




#76
1,2,3-Trichloropropane
Concen: 3.832 ug/l
RT: 12.808 min Scan# 1836
Delta R.T. 0.035 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

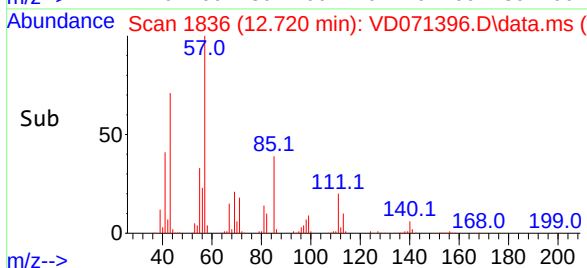
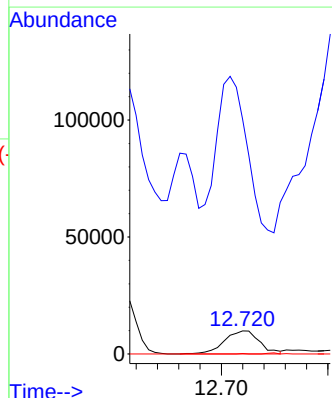
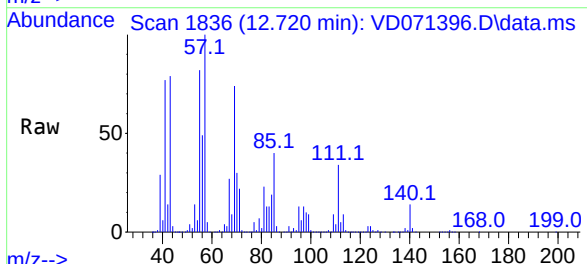
Instrument :
MSVOA_D
ClientSampleId :

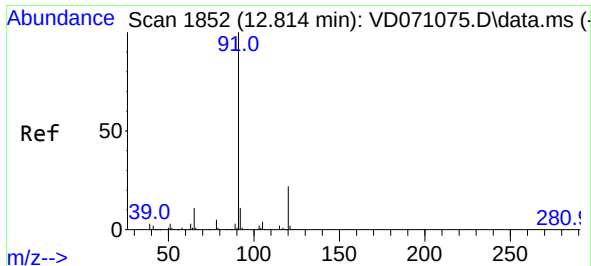
Tgt Ion: 75 Resp: 20769
Ion Ratio Lower Upper
75 100
77 1142.5 158.4 475.3#



#77
Bromobenzene
Concen: 2.535 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.035 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

Tgt Ion:156 Resp: 22615
Ion Ratio Lower Upper
156 100
77 580.3 96.6 289.8#
158 0.3 49.1 147.4#

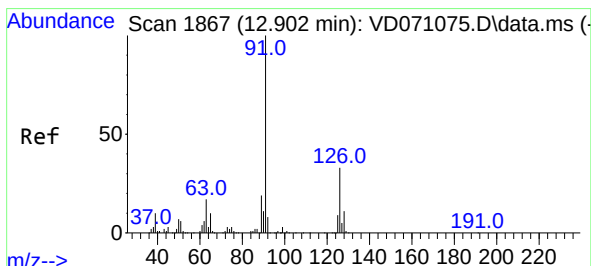
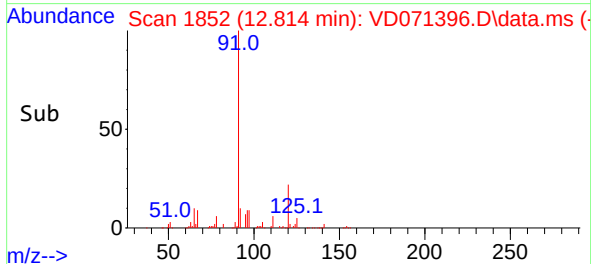
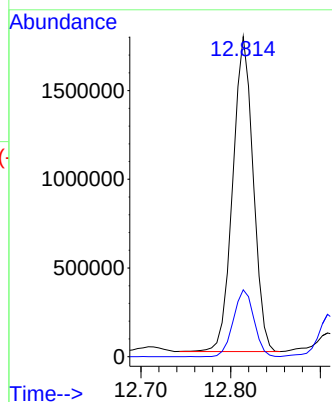
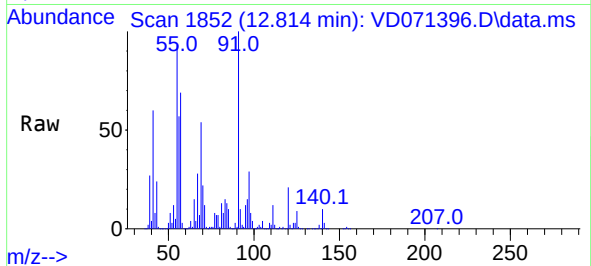




#78
n-propylbenzene
Concen: 54.688 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

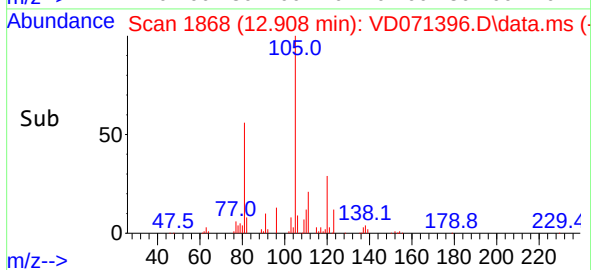
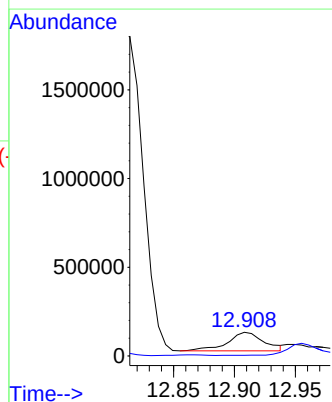
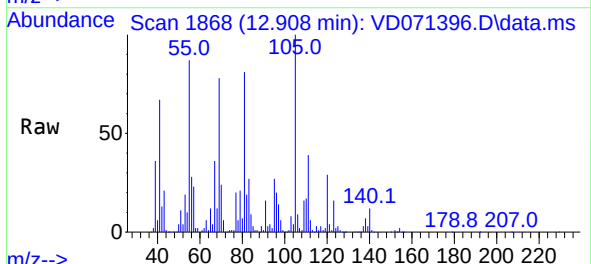
Instrument :
MSVOA_D
ClientSampleId :

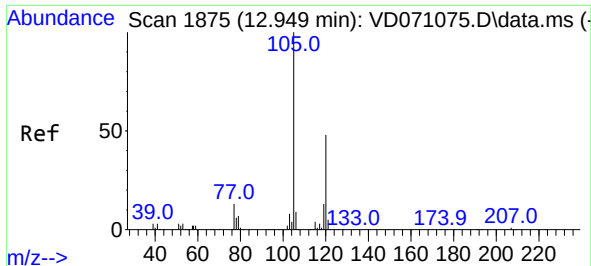
Tgt Ion: 91 Resp: 2805282
Ion Ratio Lower Upper
91 100
120 21.3 10.9 32.9



#79
2-Chlorotoluene
Concen: 7.517 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

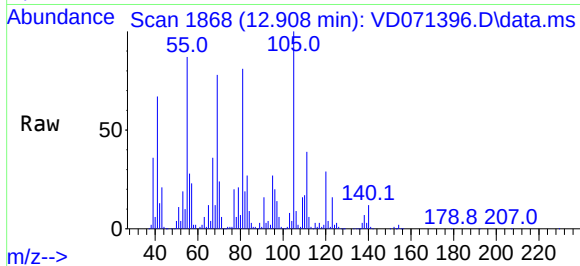
Tgt Ion: 91 Resp: 216430
Ion Ratio Lower Upper
91 100
126 0.0 16.6 49.7#



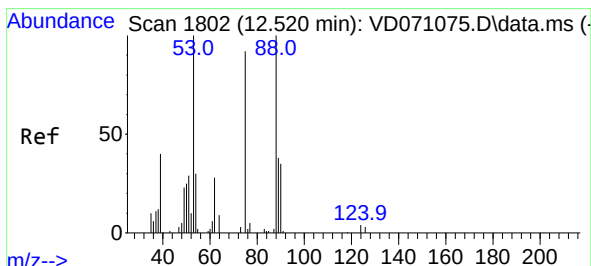
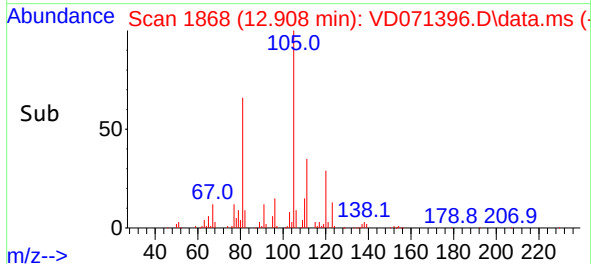
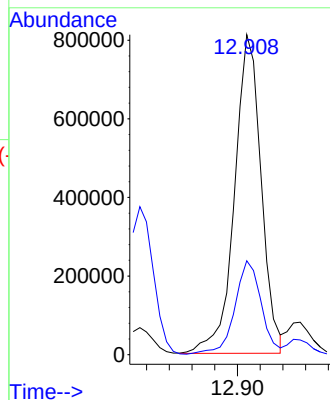


#80
1,3,5-Trimethylbenzene
Concen: 38.938 ug/l
RT: 12.908 min Scan# 1794
Delta R.T. -0.041 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

Instrument :
MSVOA_D
ClientSampleId :

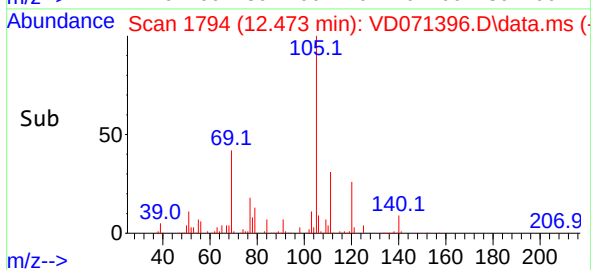
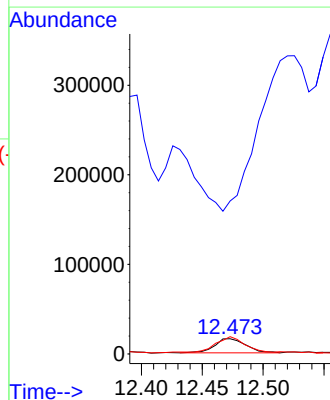
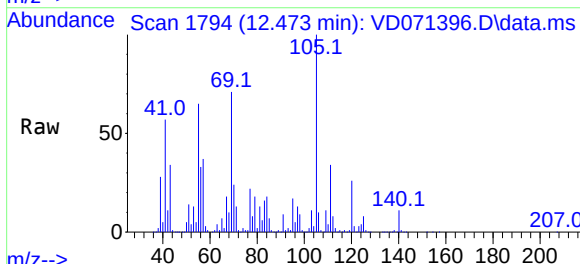


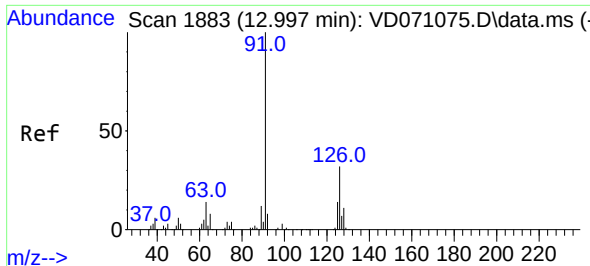
Tgt Ion:105 Resp: 1322607
Ion Ratio Lower Upper
105 100
120 29.1 24.6 73.8



#81
trans-1,4-Dichloro-2-butene
Concen: 16.584 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.047 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

Tgt Ion: 75 Resp: 28323
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 111.9 34.5 51.7#

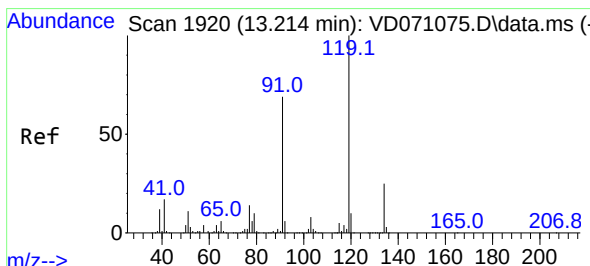
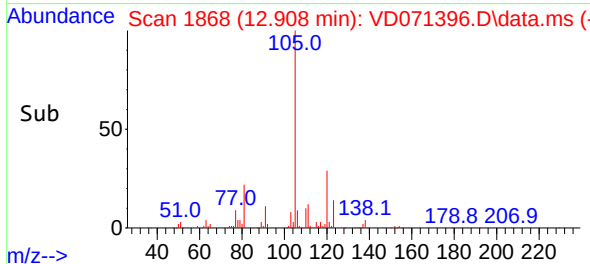
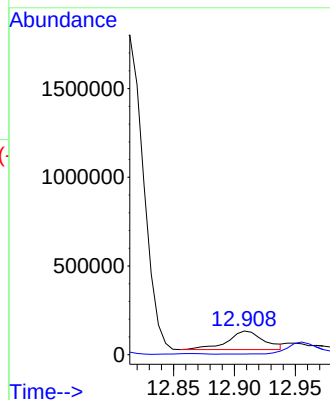
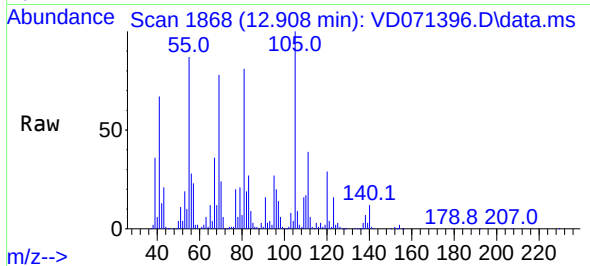




#82
4-Chlorotoluene
Concen: 7.241 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. -0.089 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

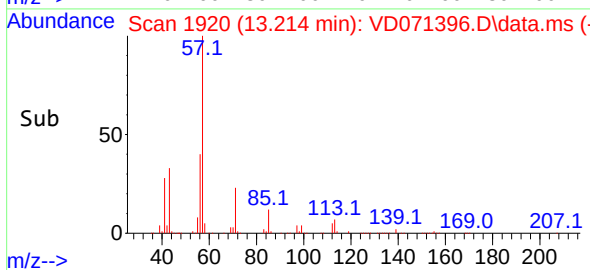
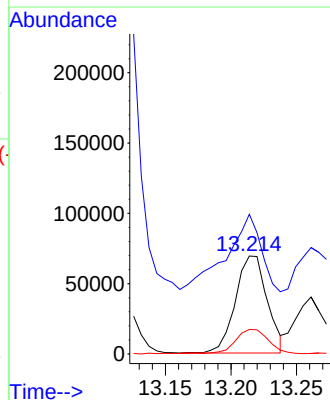
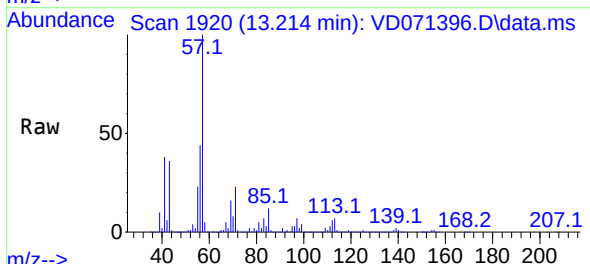
Instrument :
MSVOA_D
ClientSampleId :

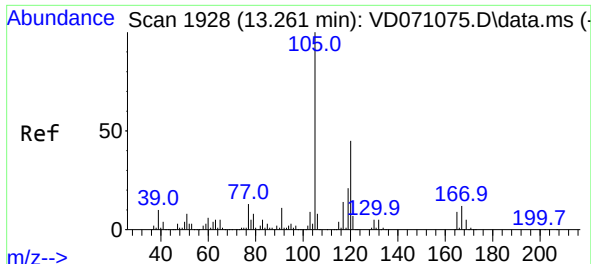
Tgt Ion: 91 Resp: 216430
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.1#



#83
tert-Butylbenzene
Concen: 4.000 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

Tgt Ion: 119 Resp: 116693
Ion Ratio Lower Upper
119 100
91 0.0 32.5 97.5#
134 0.0 13.2 39.6#

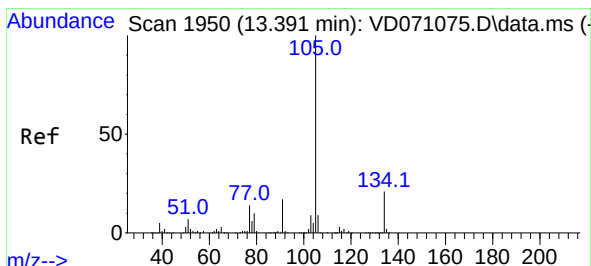
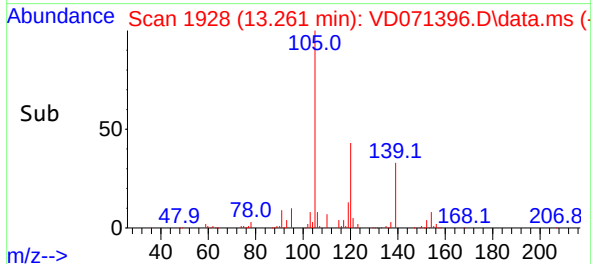
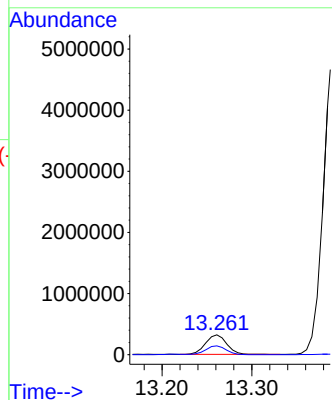
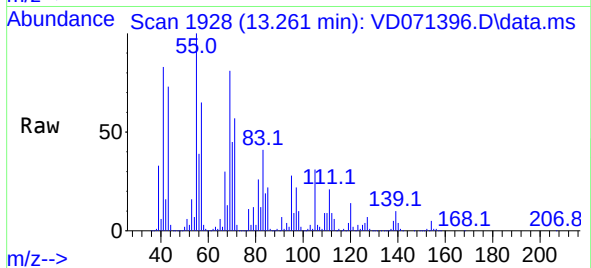




#84
1,2,4-Trimethylbenzene
Concen: 15.746 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

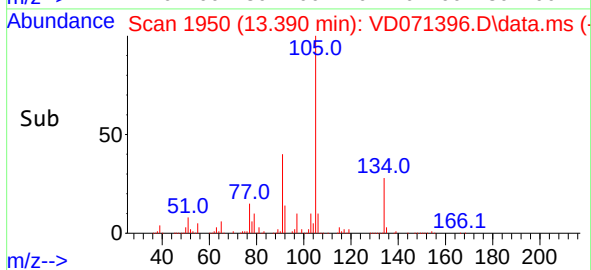
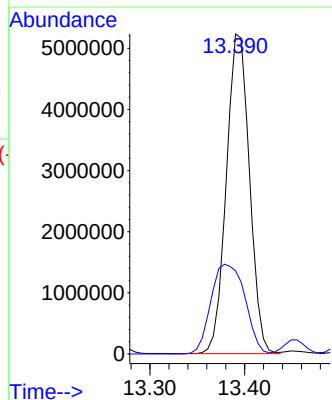
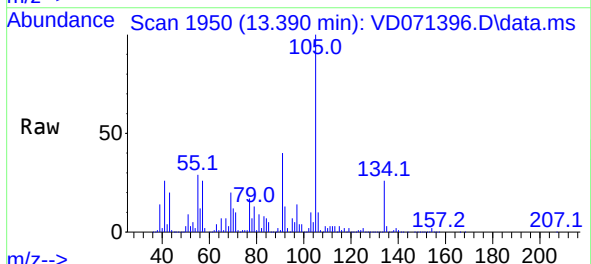
Instrument :
MSVOA_D
ClientSampleId :

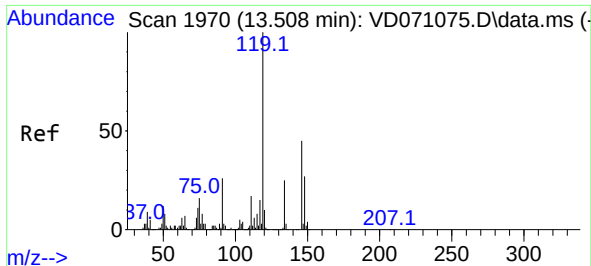
Tgt Ion:105 Resp: 522153
Ion Ratio Lower Upper
105 100
120 44.3 22.9 68.7



#85
sec-Butylbenzene
Concen: 199.235 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.001 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

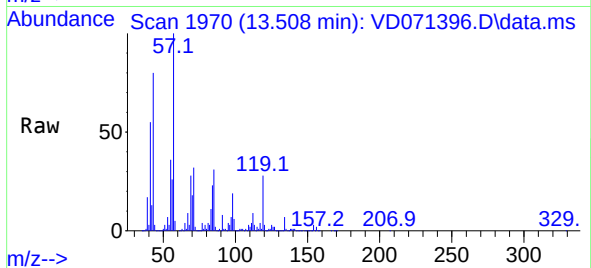
Tgt Ion:105 Resp: 8876695
Ion Ratio Lower Upper
105 100
134 41.2 9.7 28.9#



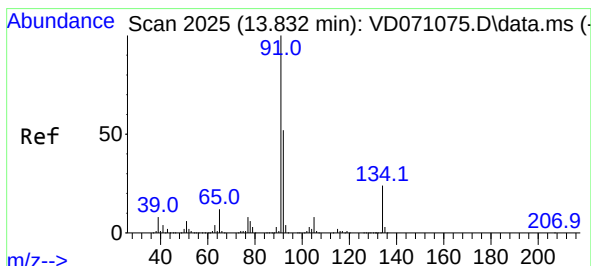
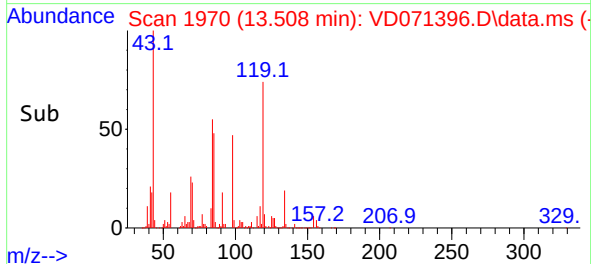
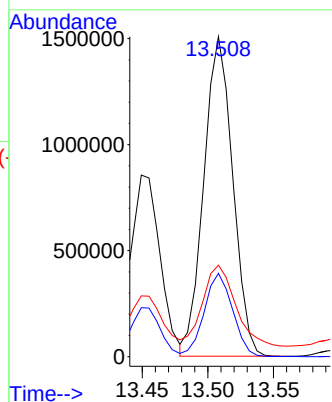


#86
p-Isopropyltoluene
Concen: 63.548 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

Instrument :
MSVOA_D
ClientSampleId :

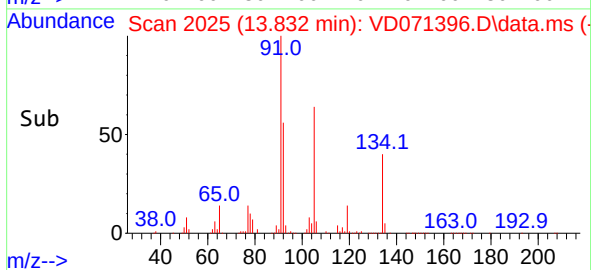
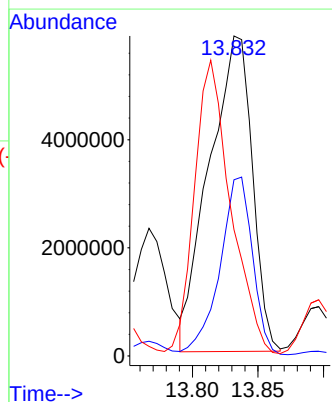
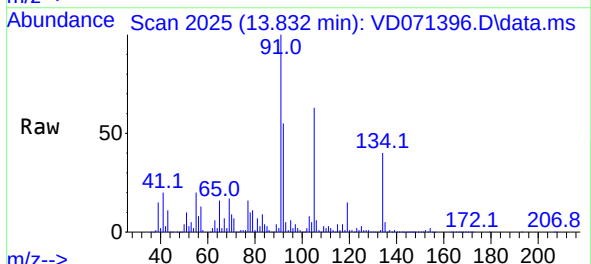


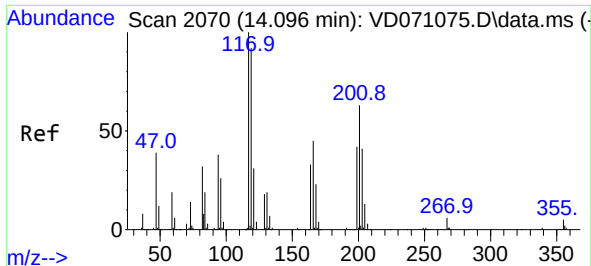
Tgt Ion:119 Resp: 2315726
Ion Ratio Lower Upper
119 100
134 25.5 13.0 38.9
91 28.6 11.4 34.2



#89
n-Butylbenzene
Concen: 374.213 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

Tgt Ion: 91 Resp:13311744
Ion Ratio Lower Upper
91 100
92 43.1 27.3 81.9
134 0.0 12.3 36.9#

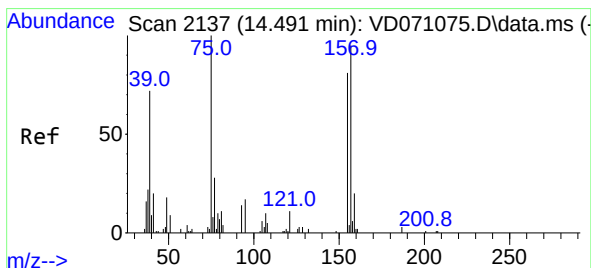
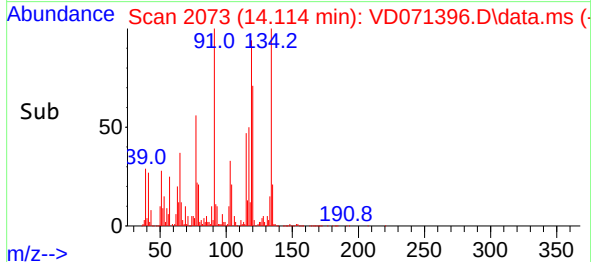
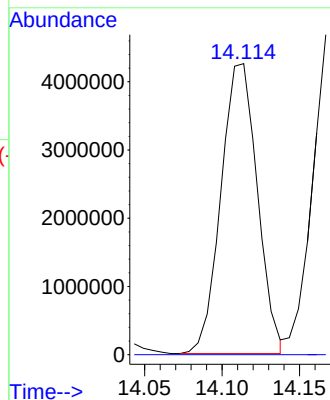
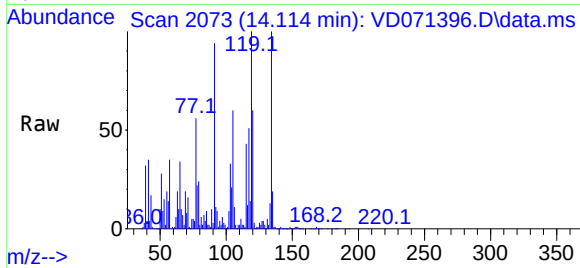




#90
Hexachloroethane
Concen: 1003.800 ug/l
RT: 14.114 min Scan# 2070
Delta R.T. 0.018 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

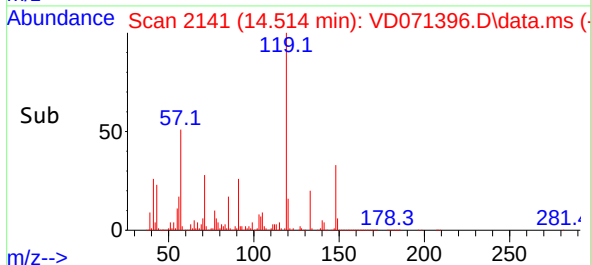
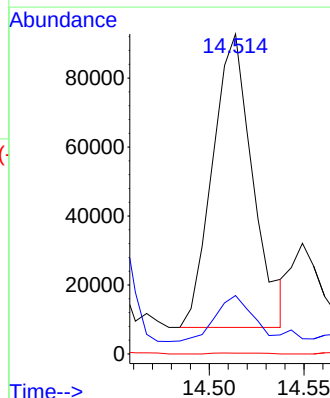
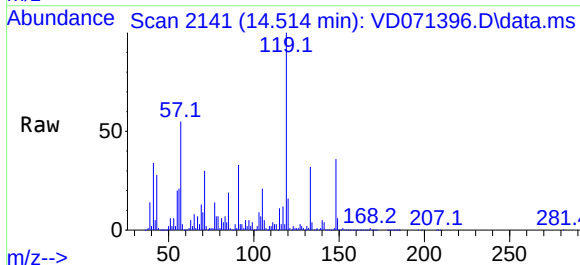
Instrument :
MSVOA_D
ClientSampleId :

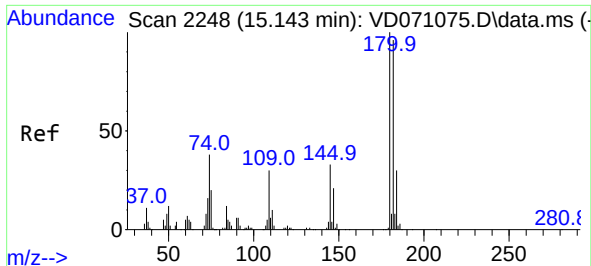
Tgt Ion:117 Resp: 6934110
Ion Ratio Lower Upper
117 100
201 0.0 36.0 108.1#



#92
1,2-Dibromo-3-Chloropropane
Concen: 113.615 ug/l
RT: 14.514 min Scan# 2141
Delta R.T. 0.023 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

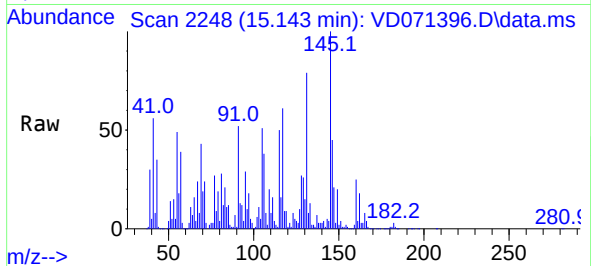
Tgt Ion: 75 Resp: 125506
Ion Ratio Lower Upper
75 100
155 16.4 40.0 120.0#
157 0.4 49.8 149.3#



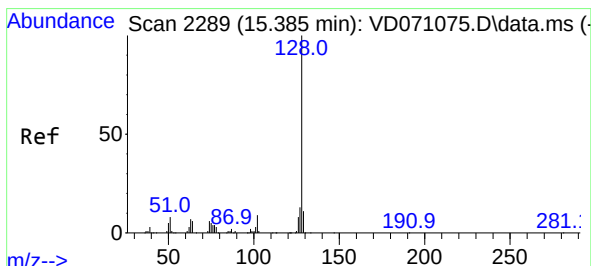
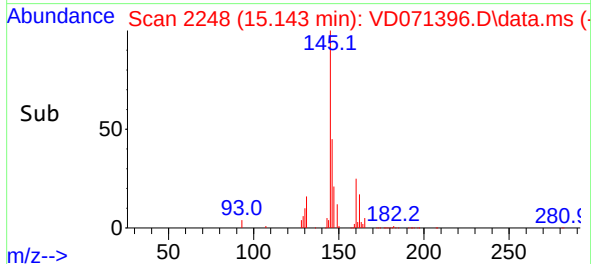
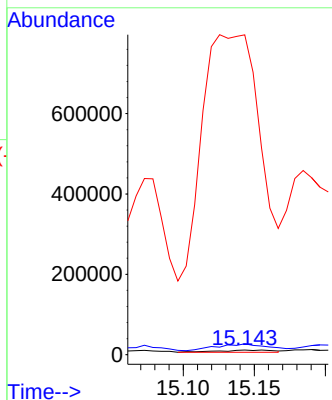


#93
1,2,4-Trichlorobenzene
Concen: 1.598 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

Instrument :
MSVOA_D
ClientSampleId :

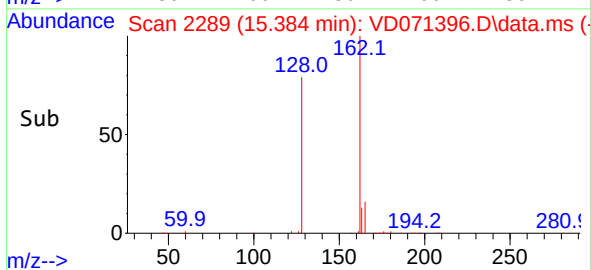
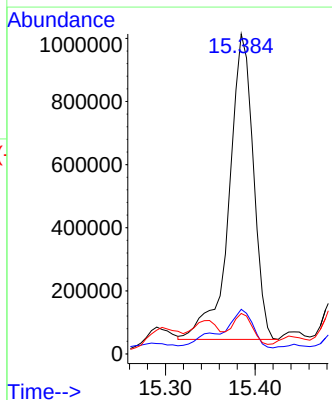
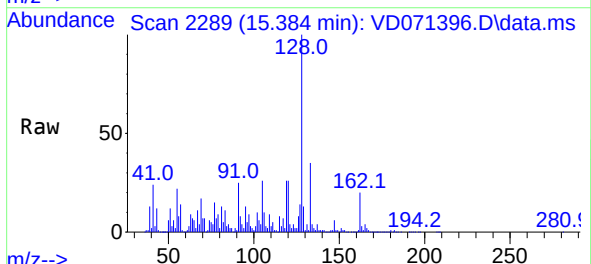


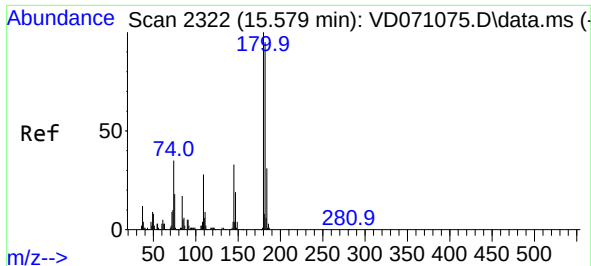
Tgt Ion:180 Resp: 15051
Ion Ratio Lower Upper
180 100
182 293.0 48.2 144.6#
145 16296.0 15.4 46.2#



#95
Naphthalene
Concen: 109.787 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

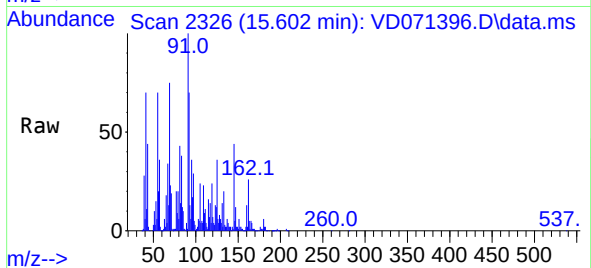
Tgt Ion:128 Resp: 1823339
Ion Ratio Lower Upper
128 100
127 11.6 10.7 16.1
129 8.0 8.7 13.1#





#96
1,2,3-Trichlorobenzene
Concen: 2.779 ug/l
RT: 15.602 min Scan# 21
Delta R.T. 0.023 min
Lab File: VD071396.D
Acq: 20 Dec 2021 18:47

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:180 Resp: 22239
Ion Ratio Lower Upper
180 100
182 0.0 46.7 140.1#
145 0.0 15.9 47.6#

