

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033121\
 Data File : VD068744.D
 Acq On : 31 Mar 2021 18:58
 Operator : VA/SY
 Sample : M1883-01
 Misc : 6.43G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 01 00:46:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	324676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	580016	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	567168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	248856	50.00	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	152371	46.54	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.08%
35) Dibromofluoromethane	7.920	113	165433	45.84	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.68%
50) Toluene-d8	10.338	98	955077	68.64	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	137.28%
62) 4-Bromofluorobenzene	12.626	95	433159	96.02	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	192.04%#

Target Compounds						Qvalue
11) Tert butyl alcohol	5.220	59	328	2.17	ug/l	# 73
13) Acrolein	3.879	56	3051	8.55	ug/l	# 1
14) Allyl chloride	4.820	41	17377	5.57	ug/l	# 46
15) Acrylonitrile	5.491	53	64342	108.51	ug/l	# 41
16) Acetone	4.156	43	99423	250.31	ug/l	# 85
20) Methylene Chloride	4.968	84	27110	1.83	ug/l	# 28
23) Vinyl Acetate	6.344	43	8245	1.96	ug/l	# 66
25) 2-Butanone	7.209	43	46857	71.20	ug/l	# 55
27) cis-1,2-Dichloroethene	7.214	96	66016	16.60	ug/l	# 90
28) Bromochloromethane	7.738	49	2505	1.09	ug/l	# 5
29) Tetrahydrofuran	7.573	42	2825	6.79	ug/l	# 25
30) Chloroform	7.732	83	8359	1.32	ug/l	# 1
31) Cyclohexane	7.979	56	2171736	411.13	ug/l	# 82
36) 1,1-Dichloropropene	7.979	75	28482	5.50	ug/l	# 21
37) Ethyl Acetate	7.209	43	46857	28.66	ug/l	# 1
38) Carbon Tetrachloride	7.979	117	33316	6.44	ug/l	# 14
39) Methylcyclohexane	9.356	83	5765408	901.66	ug/l	# 95
40) Benzene	8.356	78	77968	5.16	ug/l	# 99
41) Methacrylonitrile	7.567	41	18823	19.67	ug/l	# 39
42) 1,2-Dichloroethane	8.444	62	10260	2.59	ug/l	# 70
43) Isopropyl Acetate	8.456	43	445708	142.13	ug/l	# 45
44) Trichloroethene	9.114	130	13338	3.18	ug/l	# 57
45) 1,2-Dichloropropane	9.414	63	3816	1.06	ug/l	# 1
47) Bromodichloromethane	9.644	83	208282	39.49	ug/l	# 27
48) Methyl methacrylate	9.408	41	376100	236.65	ug/l	# 23
51) 4-Methyl-2-Pentanone	10.267	43	185296	113.50	ug/l	# 73
52) Toluene	10.403	92	1928190	201.58	ug/l	# 98
55) 1,1,2-Trichloroethane	10.779	97	987738	341.46	ug/l	# 23
56) Ethyl methacrylate	10.685	69	231607	74.10	ug/l	# 18
58) 2-Chloroethyl Vinyl ether	9.920	63	6531	4.10	ug/l	# 44
59) 2-Hexanone	10.955	43	704712	642.88	ug/l	# 25
60) Dibromochloromethane	11.055	129	4505	1.26	ug/l	# 11
61) 1,2-Dibromoethane	11.214	107	7402	2.65	ug/l	# 1
64) Tetrachloroethene	10.873	164	72886	19.82	ug/l	# 95
67) Ethyl Benzene	11.744	91	3255256	167.17	ug/l	# 99
68) m/p-Xylenes	11.850	106	10364832	1366.20	ug/l	# 82

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 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

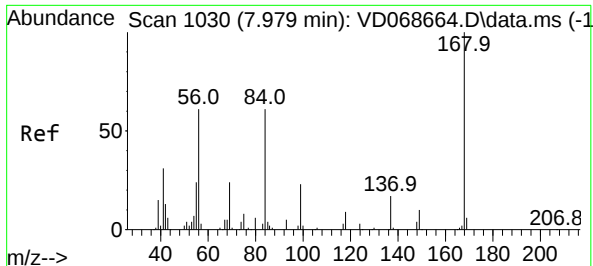
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

69) o-Xylene	12.179	106	4486279	638.06	ug/l	96
70) Styrene	12.179	104	248716	20.58	ug/l #	1
73) Isopropylbenzene	12.479	105	587659	34.37	ug/l	100
74) N-amyl acetate	12.267	43	1031032	361.77	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.797	83	403881	133.70	ug/l #	26
76) 1,2,3-Trichloropropane	12.820	75	13674	6.60	ug/l #	100
78) n-propylbenzene	12.820	91	2247389	110.39	ug/l	100
79) 2-Chlorotoluene	12.885	91	1845838	166.14	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.955	105	9343785	675.71	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.479	75	6914	7.59	ug/l #	4
82) 4-Chlorotoluene	12.955	91	1075682	90.64	ug/l #	45
83) tert-Butylbenzene	13.220	119	95747	8.12	ug/l	87
84) 1,2,4-Trimethylbenzene	13.261	105	16826141	1177.90	ug/l	78
85) sec-Butylbenzene	13.396	105	624805	36.47	ug/l #	59
86) p-Isopropyltoluene	13.514	119	967926	62.08	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	46382	5.80	ug/l #	1
88) 1,4-Dichlorobenzene	13.591	146	65057	8.28	ug/l #	1
89) n-Butylbenzene	13.838	91	841606	56.87	ug/l #	58
90) Hexachloroethane	14.114	117	567482	202.32	ug/l #	14
91) 1,2-Dichlorobenzene	13.885	146	285586	42.03	ug/l #	4
92) 1,2-Dibromo-3-Chloropr...	14.479	75	28242	65.34	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.167	180	11958	2.71	ug/l #	1
95) Naphthalene	15.396	128	5692182	736.47	ug/l	98
96) 1,2,3-Trichlorobenzene	15.602	180	13853	3.69	ug/l #	13

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

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Response via : Initial Calibration

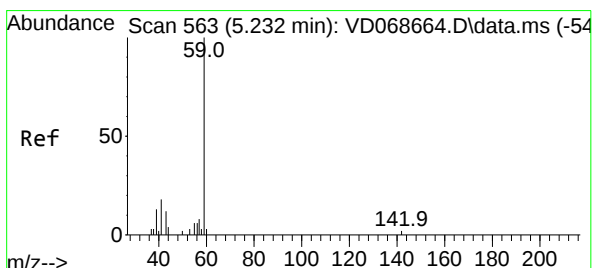
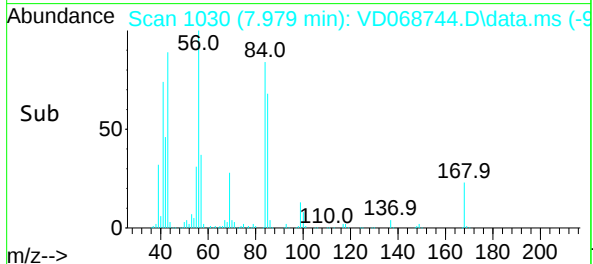
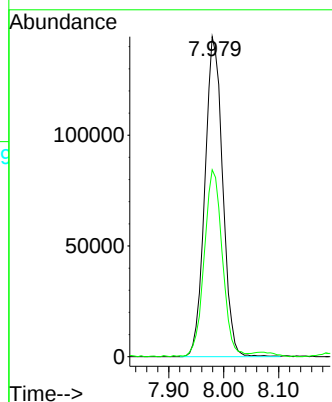
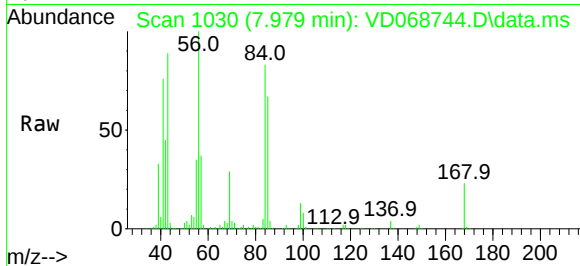




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

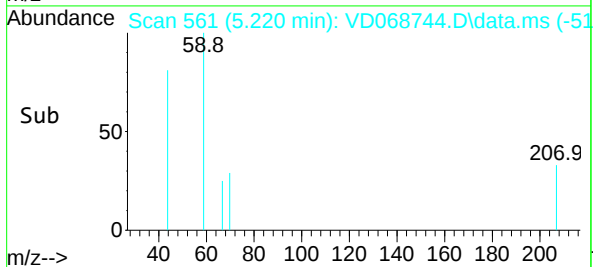
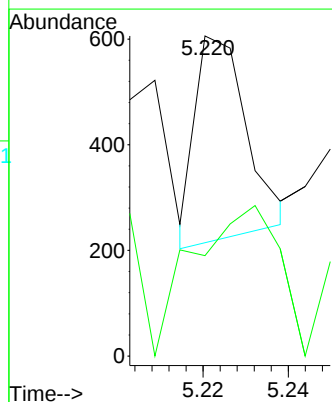
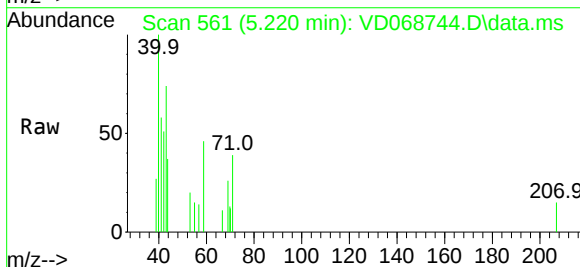
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MSVOA_D
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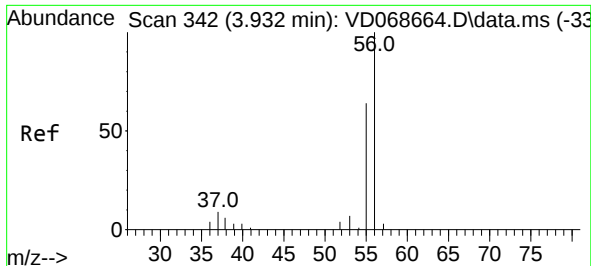
Tgt Ion:168 Resp: 324676
Ion Ratio Lower Upper
168 100
99 58.1 46.2 69.2



#11
Tert butyl alcohol
Concen: 2.17 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.012 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

Tgt Ion: 59 Resp: 328
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

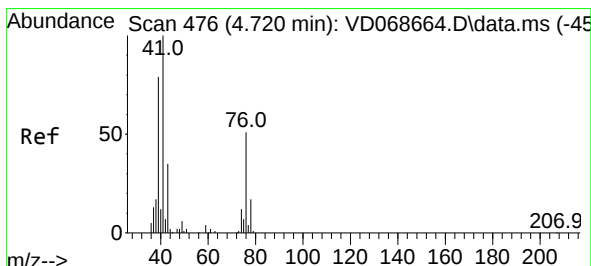
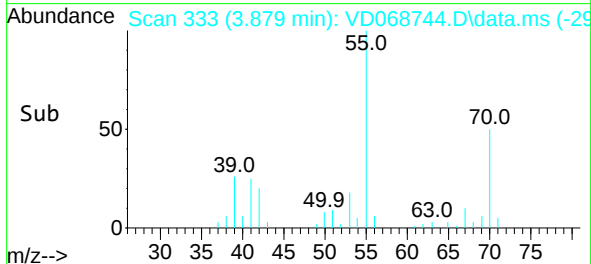
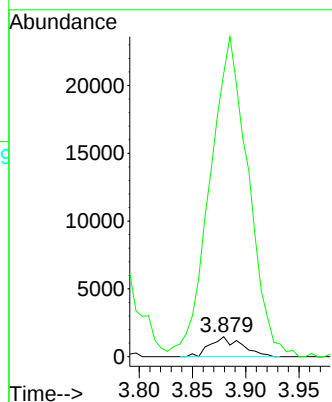
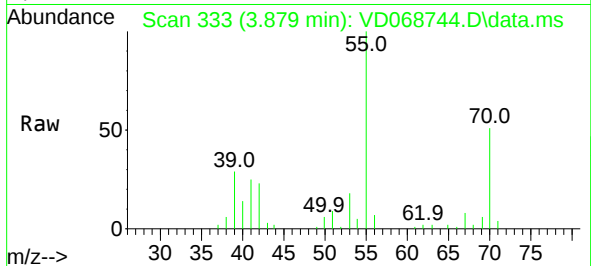




#13
Acrolein
Concen: 8.55 ug/l
RT: 3.879 min Scan# 333
Delta R.T. -0.053 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

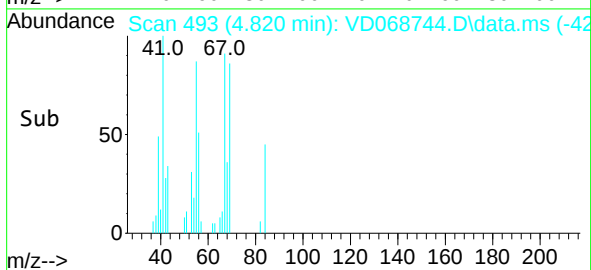
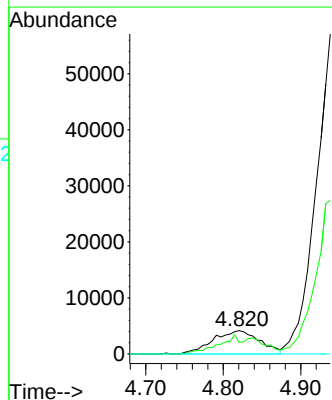
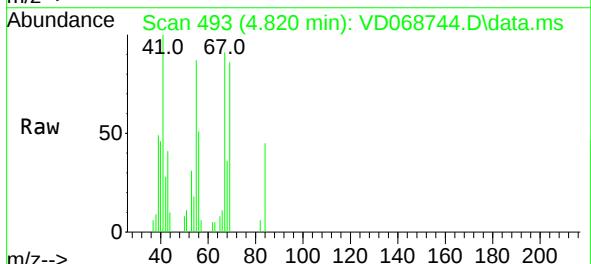
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ClientSampled :

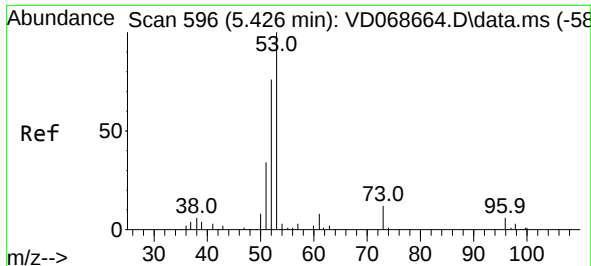
Tgt Ion: 56 Resp: 3051
Ion Ratio Lower Upper
56 100
55 1944.8 54.7 82.1#



#14
Allyl chloride
Concen: 5.57 ug/l
RT: 4.820 min Scan# 493
Delta R.T. 0.100 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

Tgt Ion: 41 Resp: 17377
Ion Ratio Lower Upper
41 100
39 40.1 60.6 91.0#
76 0.0 40.4 60.6#

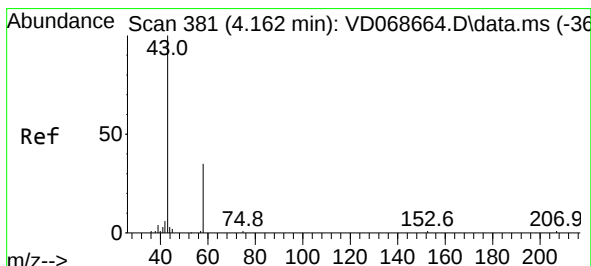
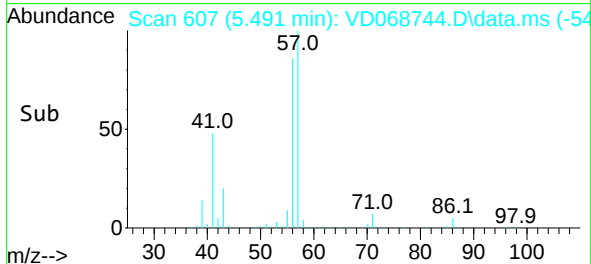
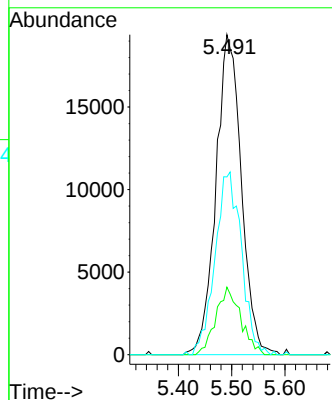
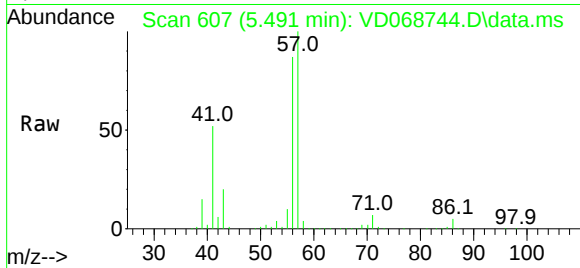




#15
Acrylonitrile
Concen: 108.51 ug/l
RT: 5.491 min Scan# 607
Delta R.T. 0.065 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

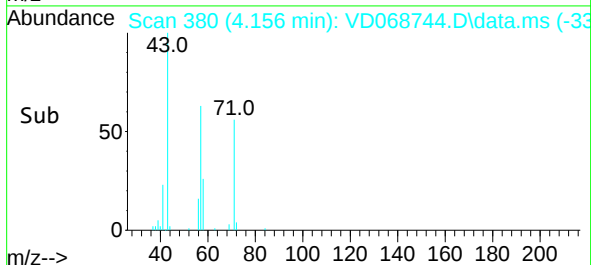
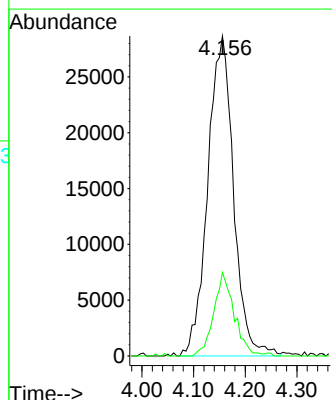
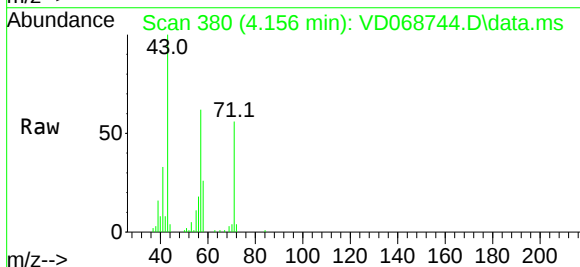
Instrument :
MSVOA_D
ClientSampled :

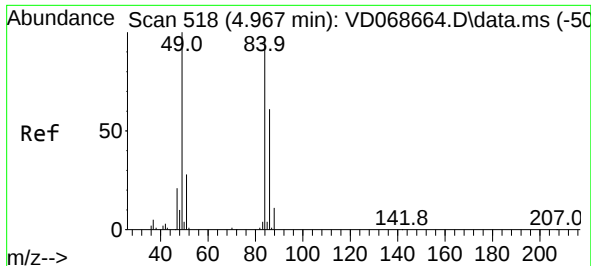
Tgt Ion: 53 Resp: 64342
Ion Ratio Lower Upper
53 100
52 20.6 63.3 94.9#
51 59.3 28.3 42.5#



#16
Acetone
Concen: 250.31 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

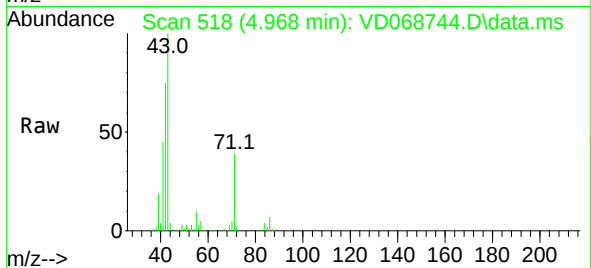
Tgt Ion: 43 Resp: 99423
Ion Ratio Lower Upper
43 100
58 26.1 28.0 42.0#



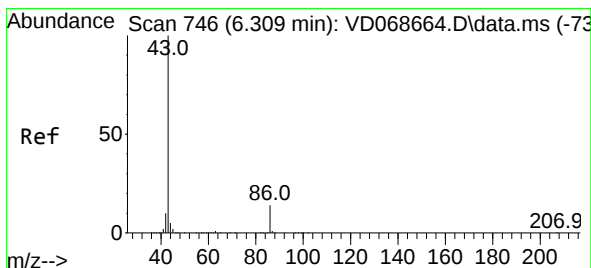
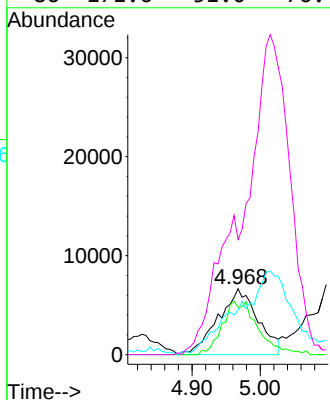
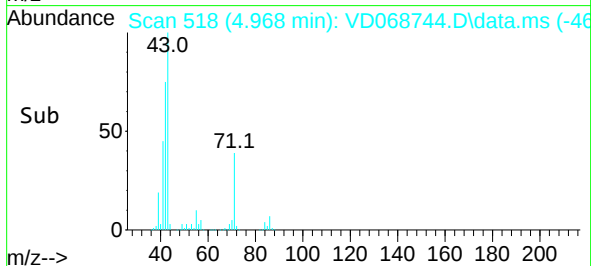


#20
Methylene Chloride
Concen: 1.83 ug/l
RT: 4.968 min Scan# 518
Delta R.T. 0.001 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

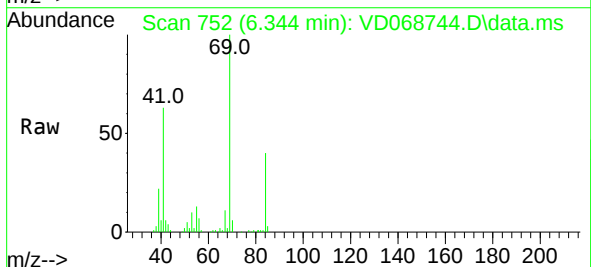
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MSVOA_D
ClientSampleId :



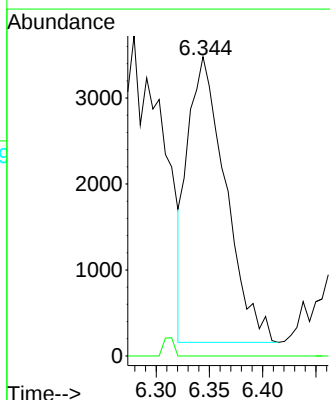
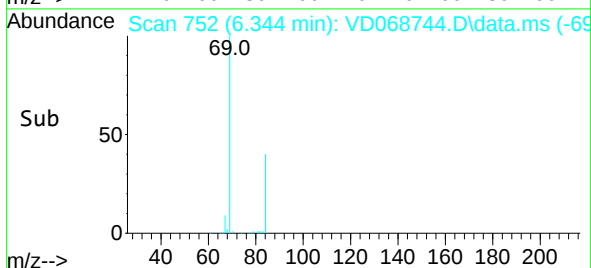
Tgt Ion: 84 Resp: 27110
Ion Ratio Lower Upper
84 100
49 71.7 83.4 125.0#
51 67.3 23.4 35.2#
86 171.6 51.0 76.4#

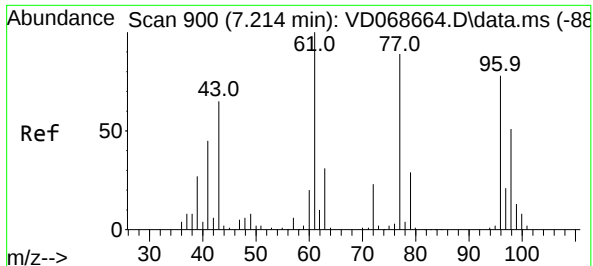


#23
Vinyl Acetate
Concen: 1.96 ug/l
RT: 6.344 min Scan# 752
Delta R.T. 0.035 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58



Tgt Ion: 43 Resp: 8245
Ion Ratio Lower Upper
43 100
86 0.0 11.0 16.6#

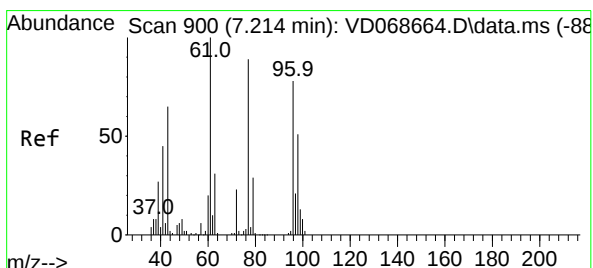
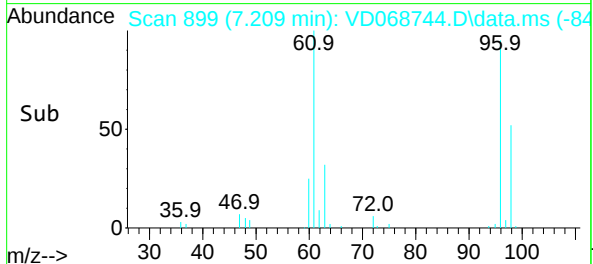
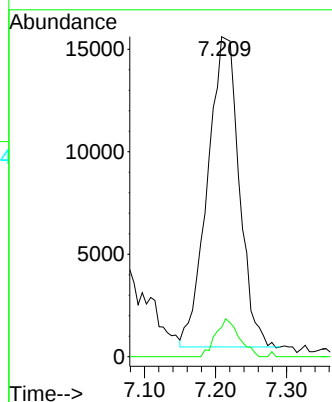
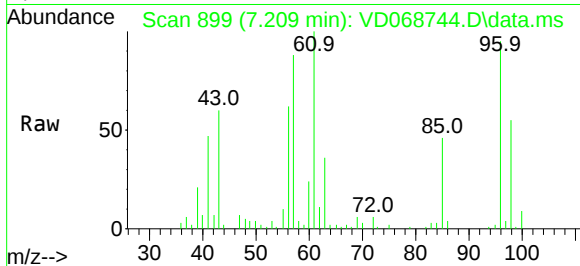




#25
2-Butanone
Concen: 71.20 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

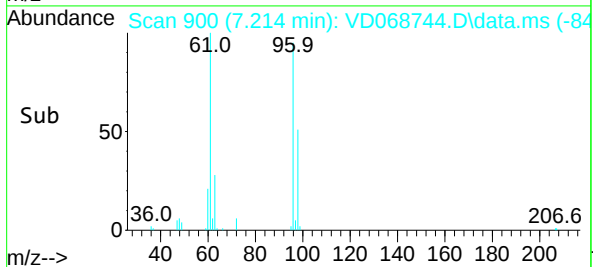
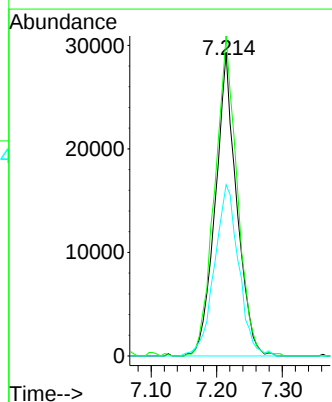
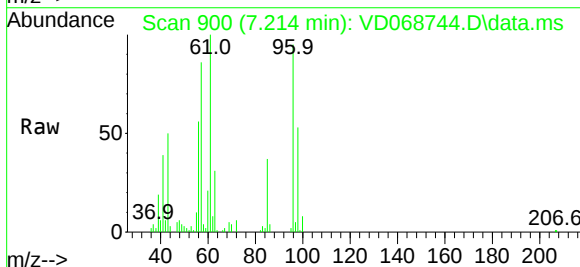
Instrument :
MSVOA_D
ClientSampled :

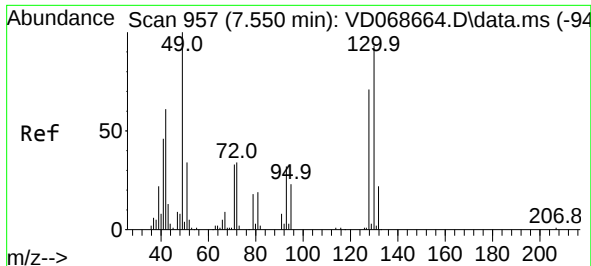
Tgt Ion: 43 Resp: 46857
Ion Ratio Lower Upper
43 100
72 9.5 28.6 43.0#



#27
cis-1,2-Dichloroethene
Concen: 16.60 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

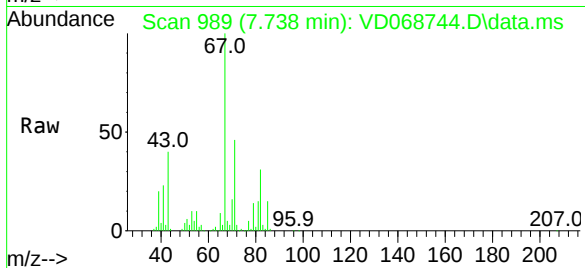
Tgt Ion: 96 Resp: 66016
Ion Ratio Lower Upper
96 100
61 111.3 0.0 258.8
98 64.2 0.0 128.4



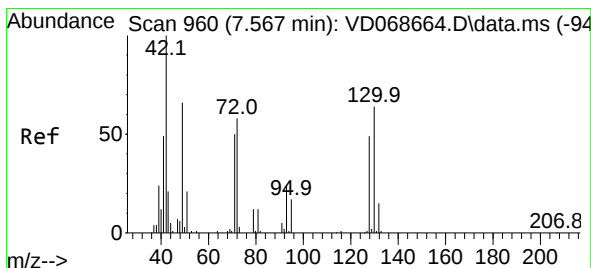
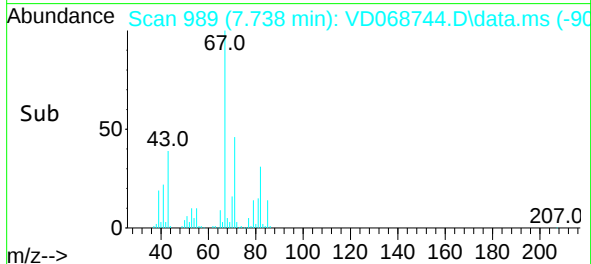
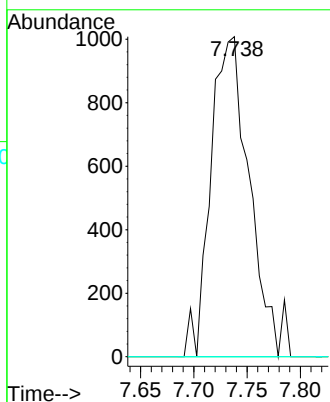


#28
Bromochloromethane
Concen: 1.09 ug/l
RT: 7.738 min Scan# 989
Delta R.T. 0.188 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

Instrument :
MSVOA_D
ClientSampled :

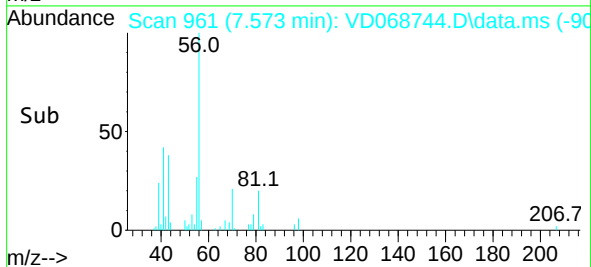
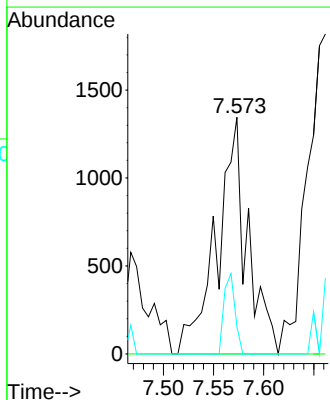
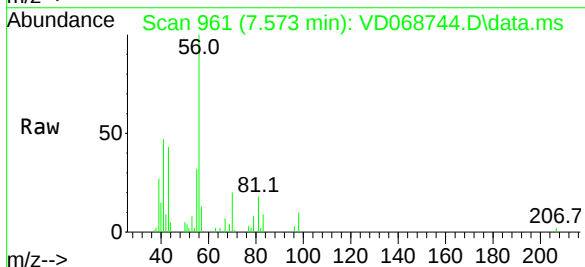


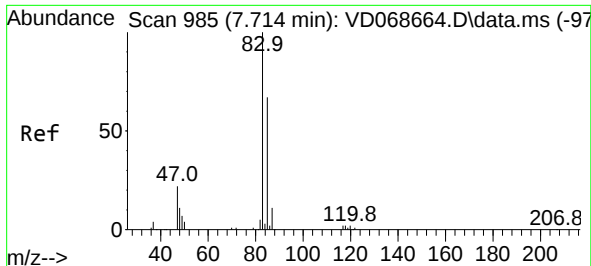
Tgt Ion: 49 Resp: 2505
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.2
130 0.0 74.6 112.0#



#29
Tetrahydrofuran
Concen: 6.79 ug/l
RT: 7.573 min Scan# 961
Delta R.T. 0.006 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

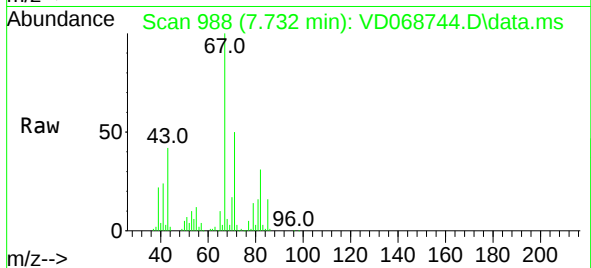
Tgt Ion: 42 Resp: 2825
Ion Ratio Lower Upper
42 100
72 0.0 45.2 67.8#
71 0.0 40.8 61.2#



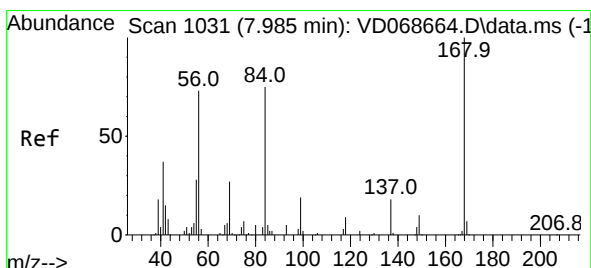
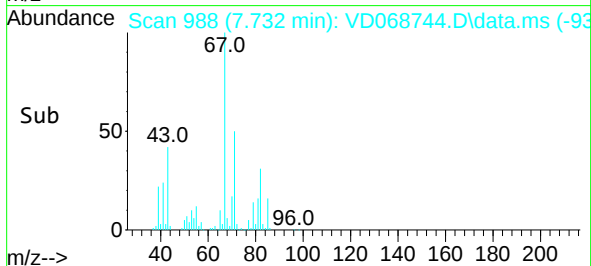
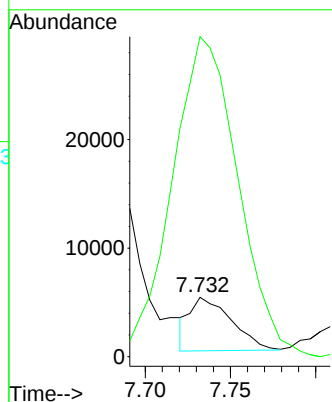


#30
Chloroform
Concen: 1.32 ug/l
RT: 7.732 min Scan# 988
Delta R.T. 0.018 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

Instrument :
MSVOA_D
ClientSampled :

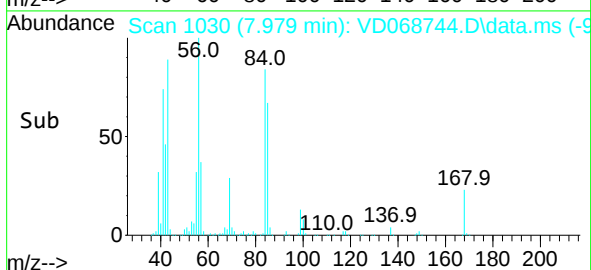
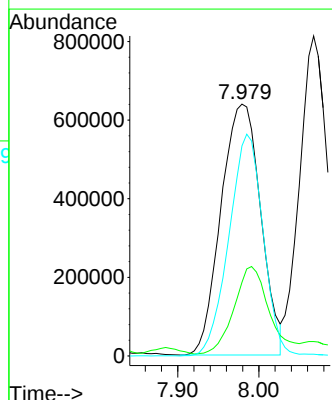
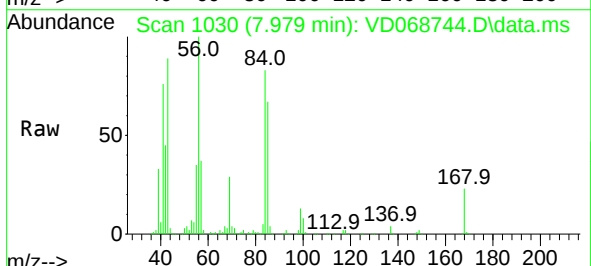


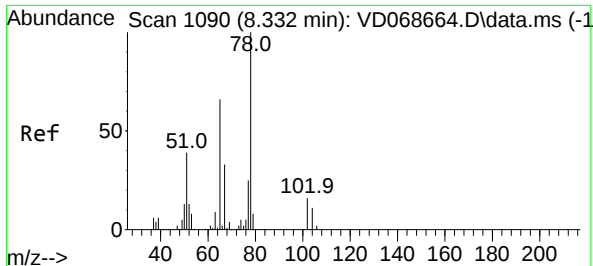
Tgt Ion: 83 Resp: 8359
Ion Ratio Lower Upper
83 100
85 581.9 53.3 79.9#



#31
Cyclohexane
Concen: 411.13 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

Tgt Ion: 56 Resp: 2171736
Ion Ratio Lower Upper
56 100
69 27.3 30.0 45.0#
84 83.7 82.0 123.0





#33

1,2-Dichloroethane-d4

Concen: 46.54 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VD068744.D

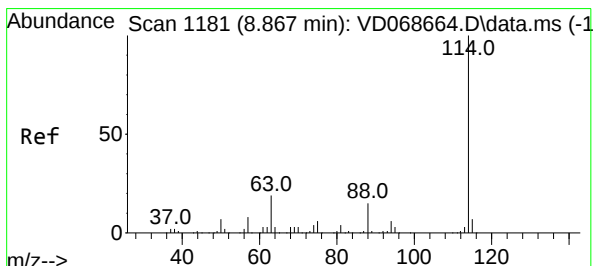
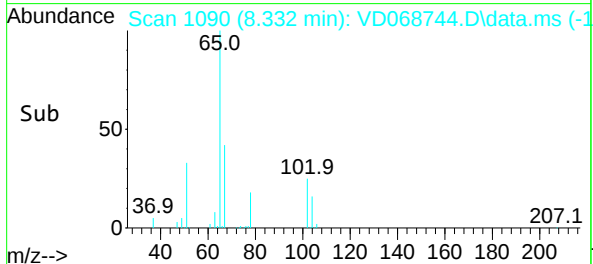
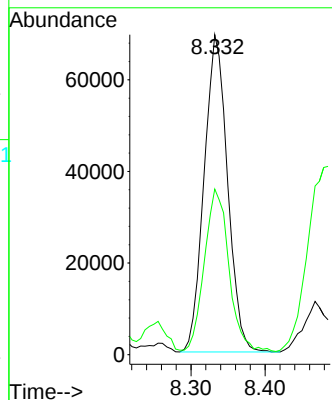
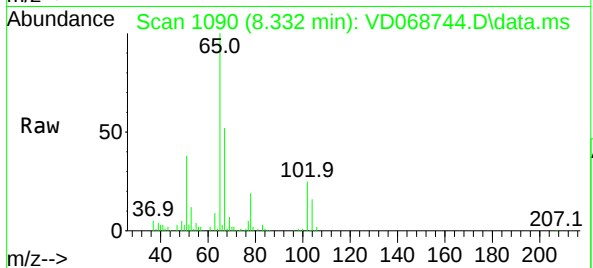
Acq: 31 Mar 2021 18:58

Tgt Ion: 65 Resp: 152371

Ion Ratio Lower Upper

65 100

67 53.5 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD068744.D

Acq: 31 Mar 2021 18:58

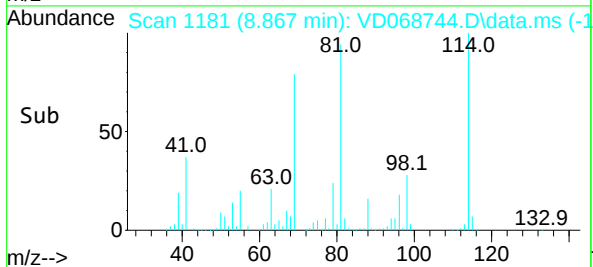
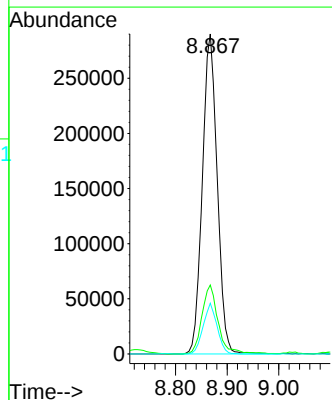
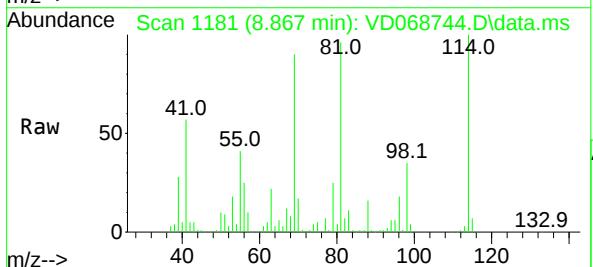
Tgt Ion: 114 Resp: 580016

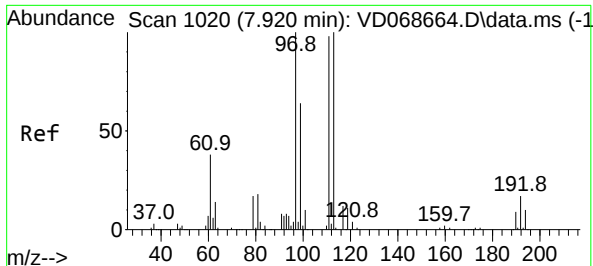
Ion Ratio Lower Upper

114 100

63 21.6 0.0 38.2

88 15.9 0.0 29.4





#35

Dibromofluoromethane

Concen: 45.84 ug/l

RT: 7.920 min Scan# 1020

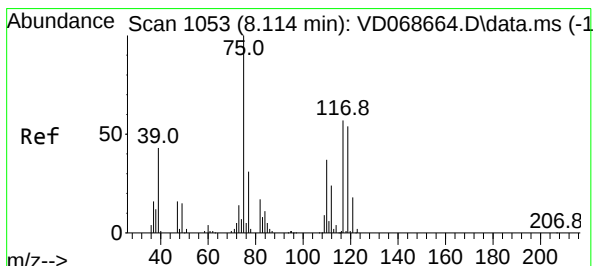
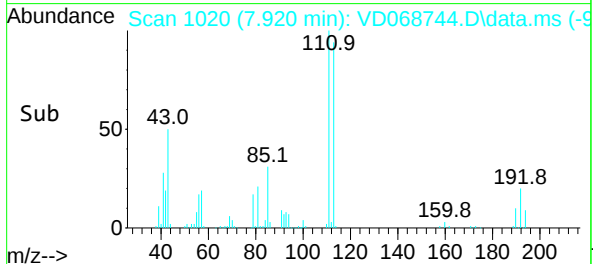
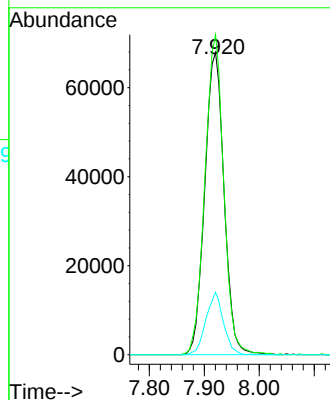
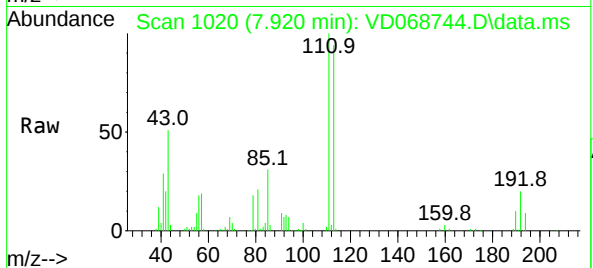
Delta R.T. 0.000 min

Lab File: VD068744.D

Acq: 31 Mar 2021 18:58

Tgt Ion:	113	Resp:	165433
Ion Ratio	Lower	Upper	
113	100		
111	103.3	82.5	123.7
192	18.6	15.1	22.7

Instrument :
MSVOA_D
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 5.50 ug/l

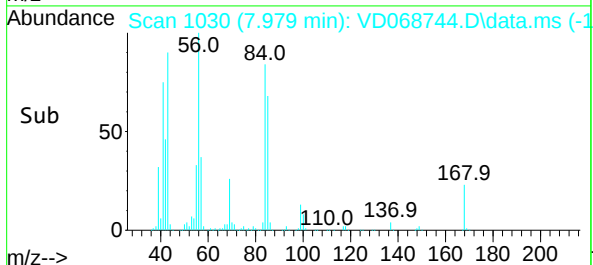
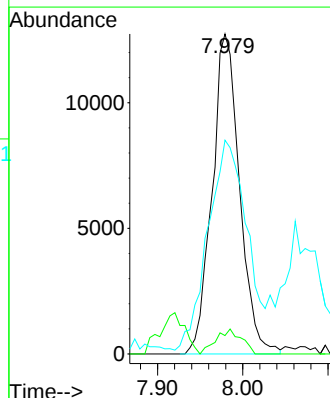
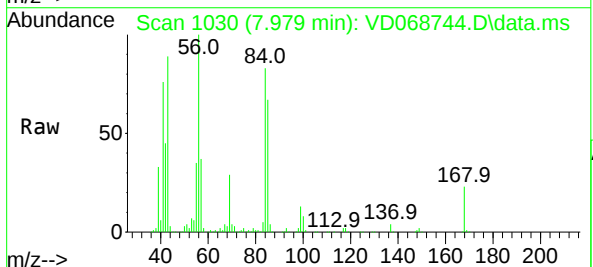
RT: 7.979 min Scan# 1030

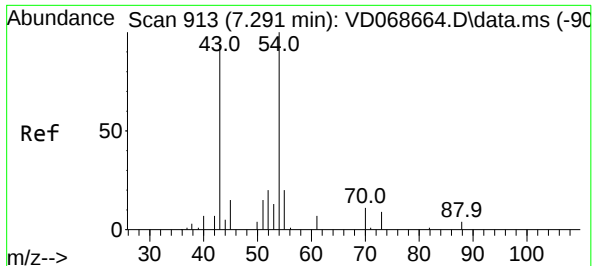
Delta R.T. -0.135 min

Lab File: VD068744.D

Acq: 31 Mar 2021 18:58

Tgt Ion:	75	Resp:	28482
Ion Ratio	Lower	Upper	
75	100		
110	7.2	18.1	54.4#
77	92.8	24.7	37.1#





#37

Ethyl Acetate

Concen: 28.66 ug/l

RT: 7.209 min Scan# 899

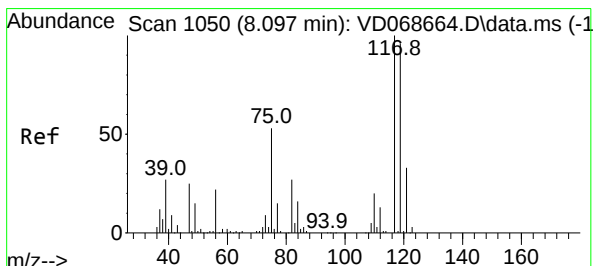
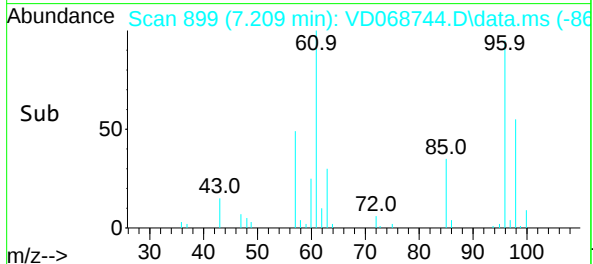
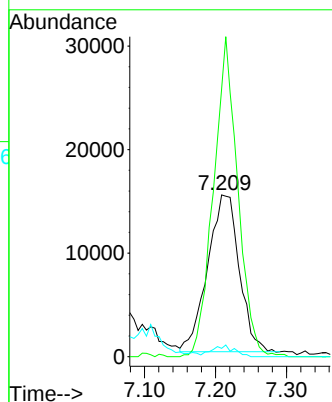
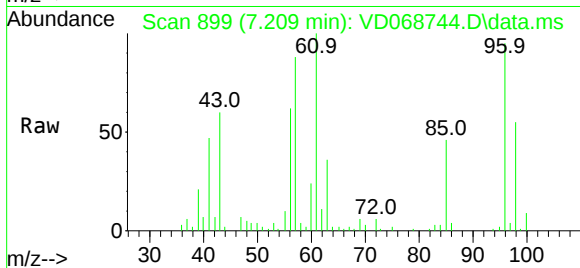
Delta R.T. -0.082 min

Lab File: VD068744.D

Acq: 31 Mar 2021 18:58

Tgt Ion: 43	Resp: 46857
Ion Ratio	Lower Upper
43	100
61	156.7 14.2 21.4#
70	5.1 9.4 14.0#

Instrument :
MSVOA_D
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.44 ug/l

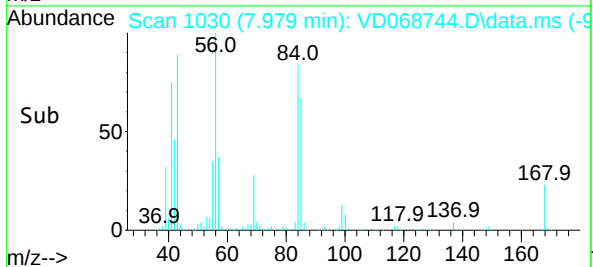
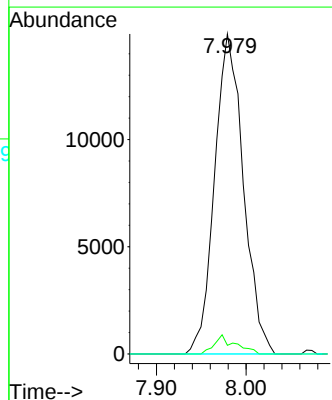
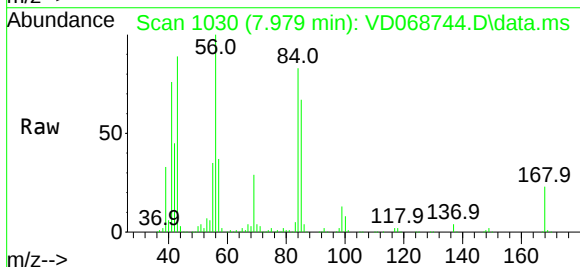
RT: 7.979 min Scan# 1030

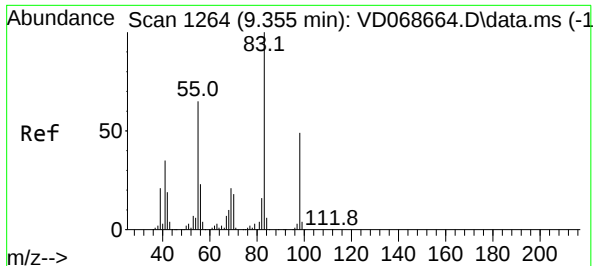
Delta R.T. -0.118 min

Lab File: VD068744.D

Acq: 31 Mar 2021 18:58

Tgt Ion: 117	Resp: 33316
Ion Ratio	Lower Upper
117	100
119	2.7 76.6 115.0#
121	0.0 26.1 39.1#





#39

Methylcyclohexane

Concen: 901.66 ug/l

RT: 9.356 min Scan# 1264

Delta R.T. 0.000 min

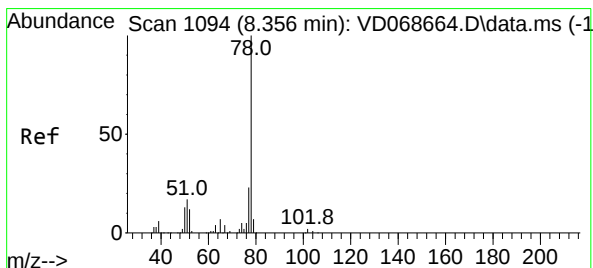
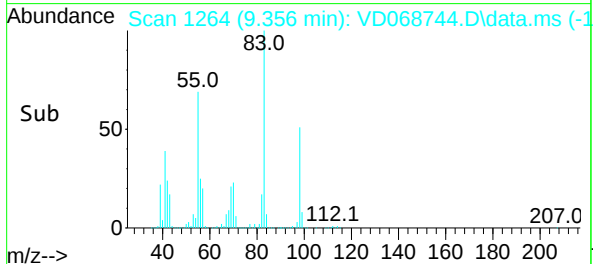
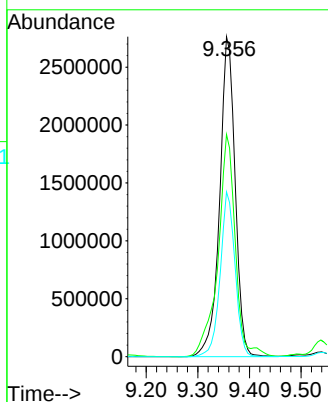
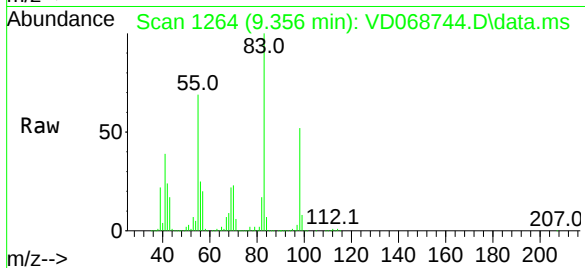
Lab File: VD068744.D

Acq: 31 Mar 2021 18:58

Tgt Ion: 83 Resp: 5765408

Ion	Ratio	Lower	Upper
83	100		
55	69.4	51.7	77.5
98	51.5	38.8	58.2

Instrument :
MSVOA_D
ClientSampled :



#40

Benzene

Concen: 5.16 ug/l

RT: 8.356 min Scan# 1094

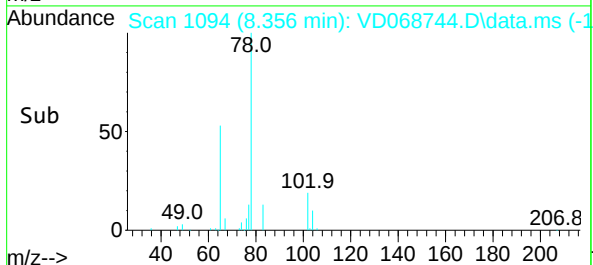
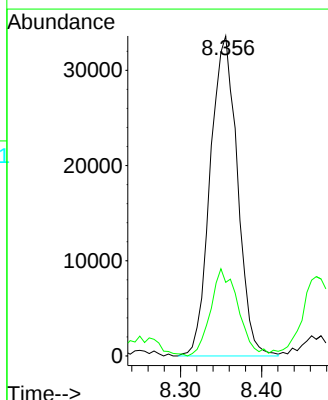
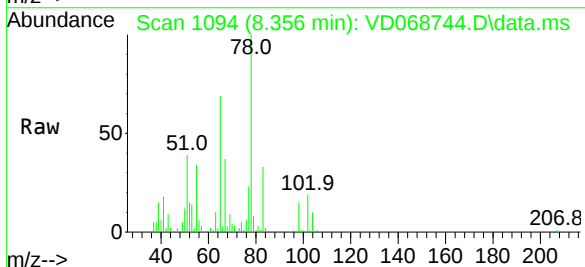
Delta R.T. 0.000 min

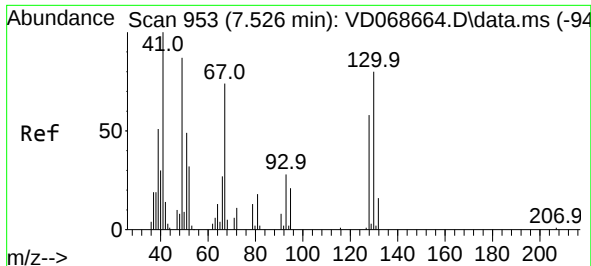
Lab File: VD068744.D

Acq: 31 Mar 2021 18:58

Tgt Ion: 78 Resp: 77968

Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.2	27.2

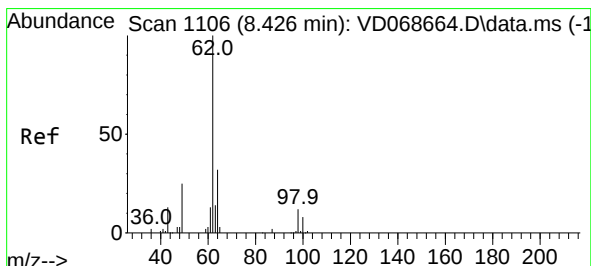
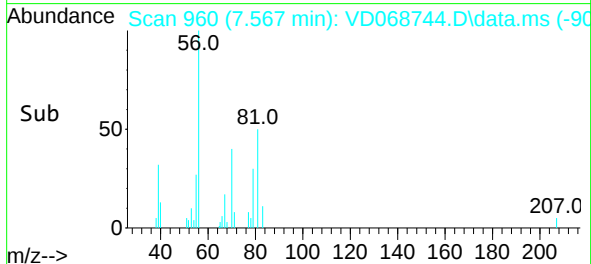
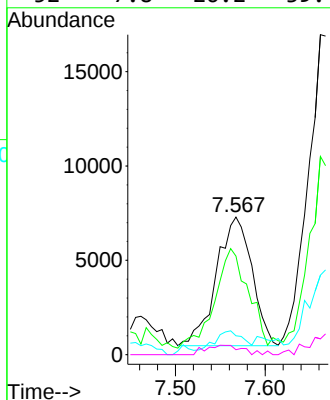
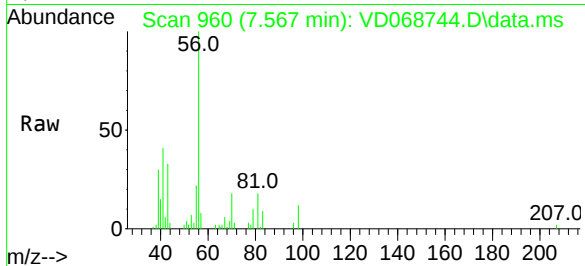




#41
Methacrylonitrile
Concen: 19.67 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.041 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

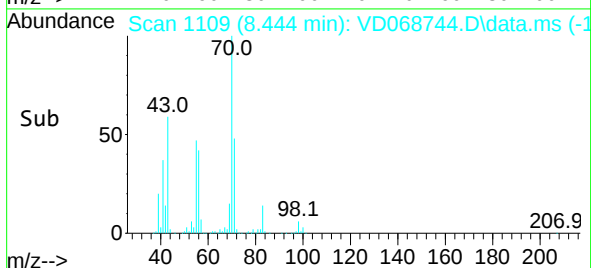
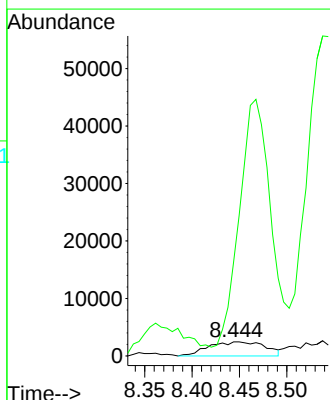
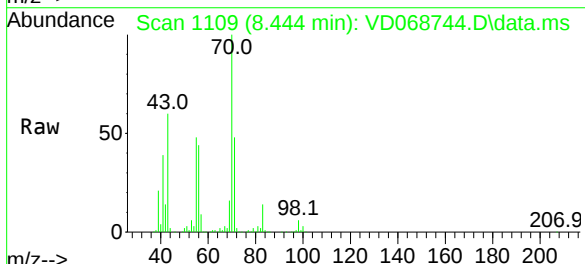
Instrument :
MSVOA_D
ClientSampleId :

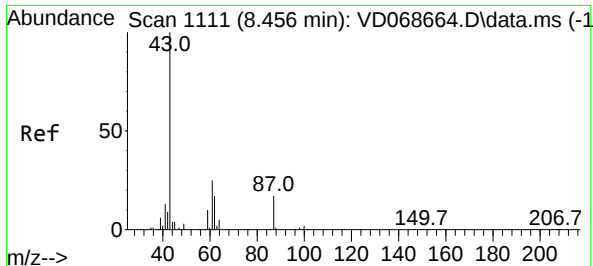
Tgt Ion: 41 Resp: 18823
Ion Ratio Lower Upper
41 100
39 74.3 43.2 64.8#
67 0.0 63.9 95.9#
52 7.8 26.2 39.4#



#42
1,2-Dichloroethane
Concen: 2.59 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. 0.018 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

Tgt Ion: 62 Resp: 10260
Ion Ratio Lower Upper
62 100
98 0.0 0.0 22.6

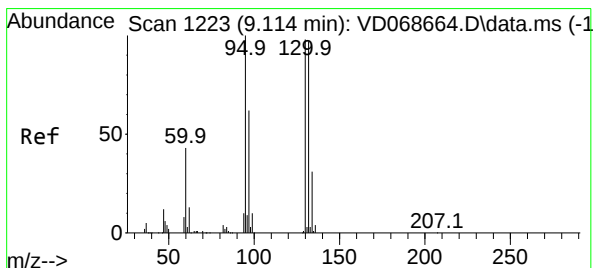
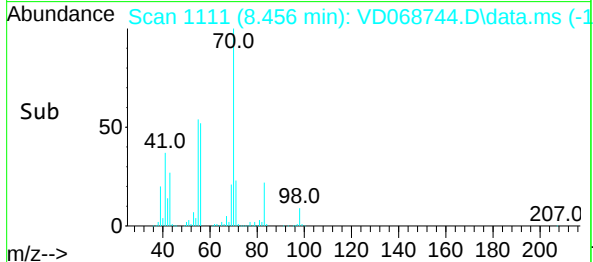
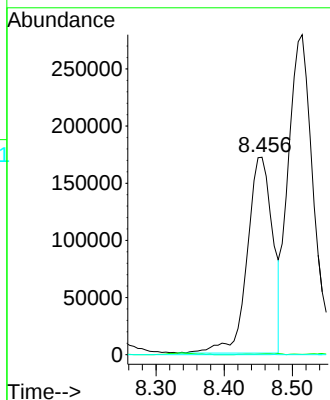
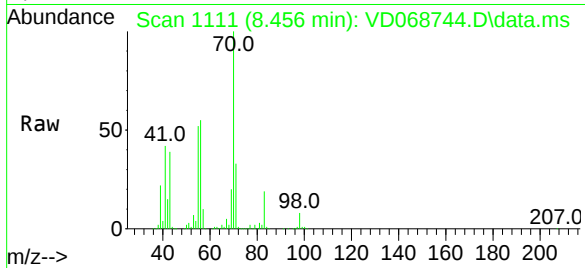




#43
Isopropyl Acetate
Concen: 142.13 ug/l
RT: 8.456 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

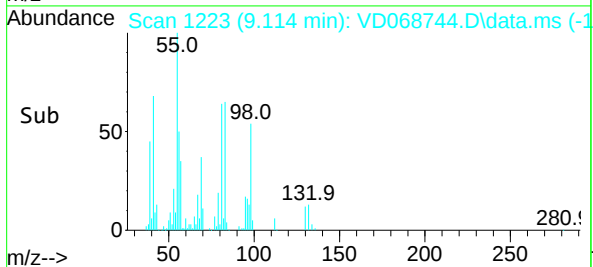
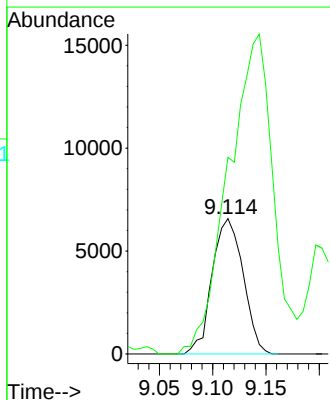
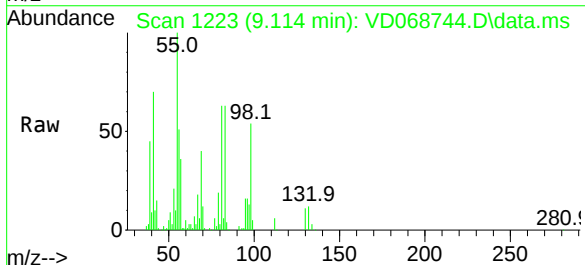
Instrument :
MSVOA_D
ClientSampled :

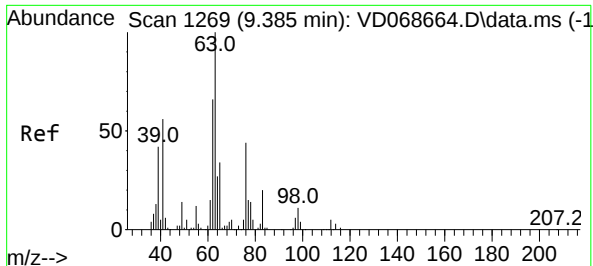
Tgt Ion: 43 Resp: 445708
Ion Ratio Lower Upper
43 100
61 0.0 29.5 44.3#
87 0.0 13.5 20.3#



#44
Trichloroethene
Concen: 3.18 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

Tgt Ion:130 Resp: 13338
Ion Ratio Lower Upper
130 100
95 145.3 0.0 203.8



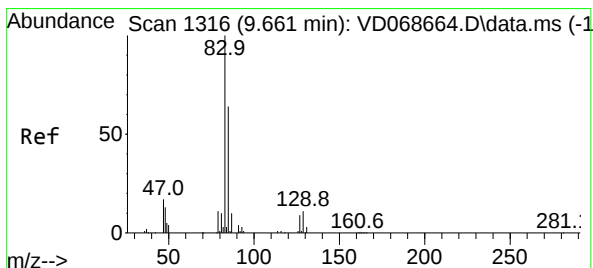
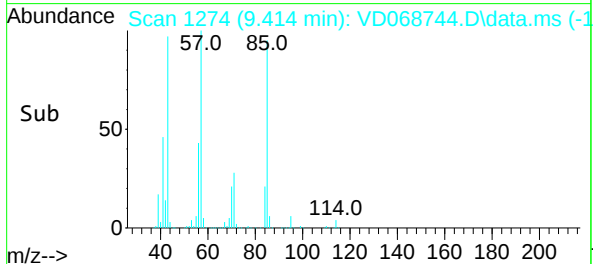
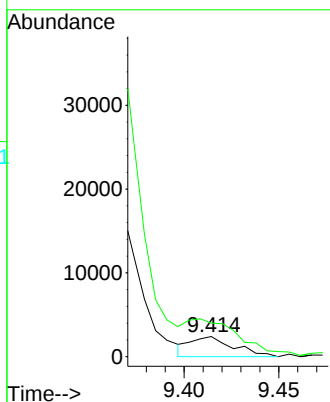
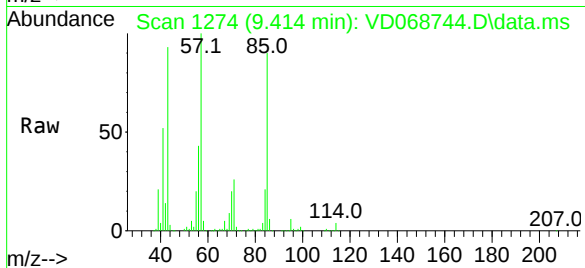


#45

1,2-Dichloropropane
Concen: 1.06 ug/l
RT: 9.414 min Scan# 1274
Delta R.T. 0.029 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

Instrument :
MSVOA_D
ClientSampled :

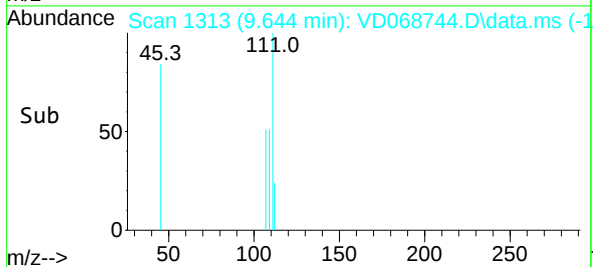
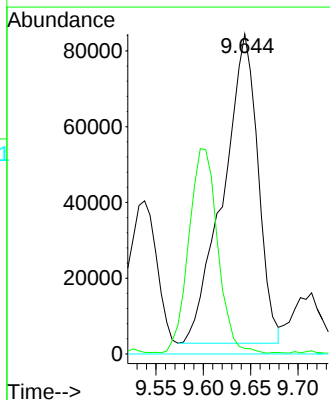
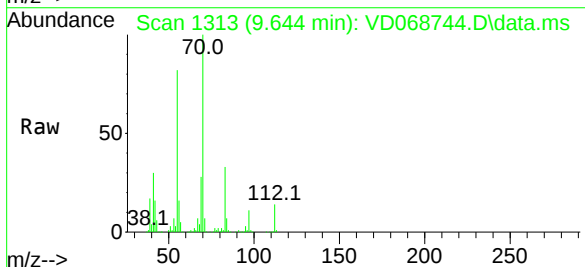
Tgt Ion: 63 Resp: 3816
Ion Ratio Lower Upper
63 100
65 141.0 27.0 40.4#

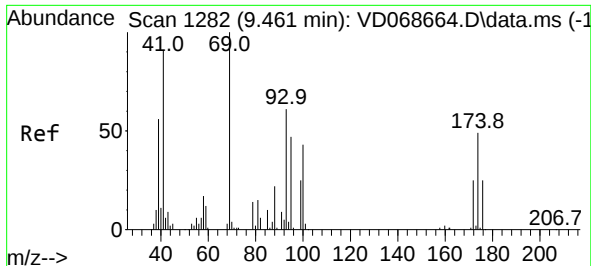


#47

Bromodichloromethane
Concen: 39.49 ug/l
RT: 9.644 min Scan# 1313
Delta R.T. -0.018 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

Tgt Ion: 83 Resp: 208282
Ion Ratio Lower Upper
83 100
85 1.3 51.0 76.6#
127 0.0 7.1 10.7#





#48

Methyl methacrylate

Concen: 236.65 ug/l

RT: 9.408 min Scan# 1273

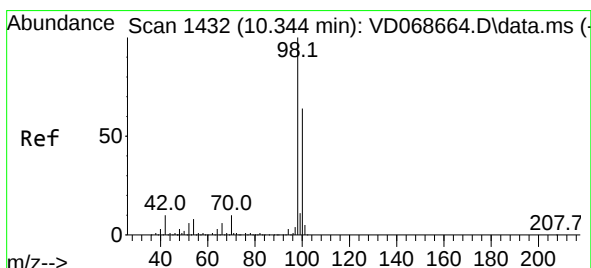
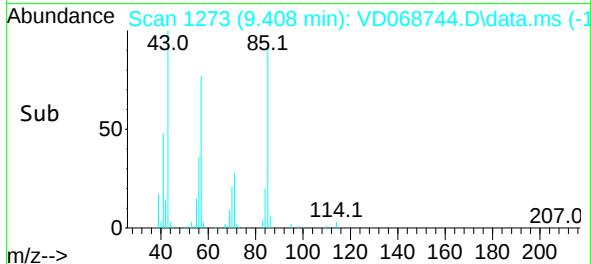
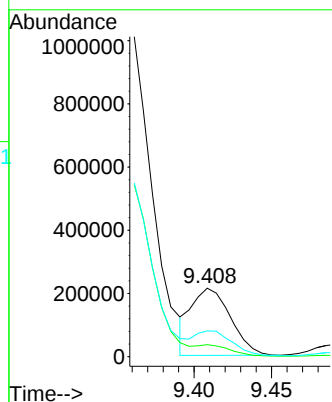
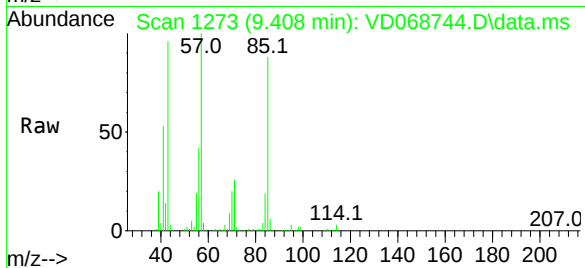
Delta R.T. -0.053 min

Lab File: VD068744.D

Acq: 31 Mar 2021 18:58

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 41 Resp: 376100
Ion Ratio Lower Upper
41 100
69 0.0 83.0 124.6#
39 33.6 47.0 70.6#



#50

Toluene-d8

Concen: 68.64 ug/l

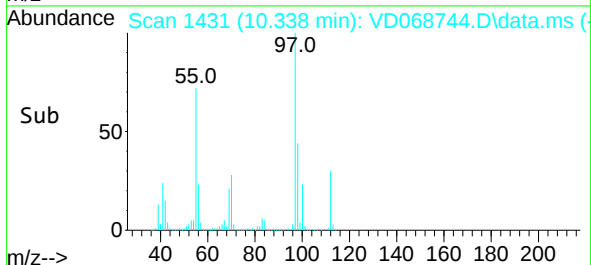
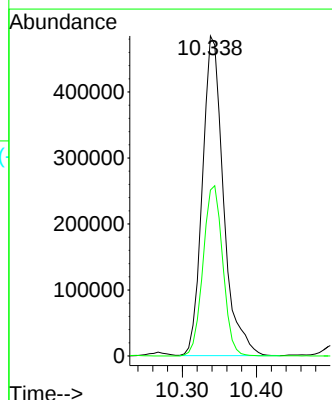
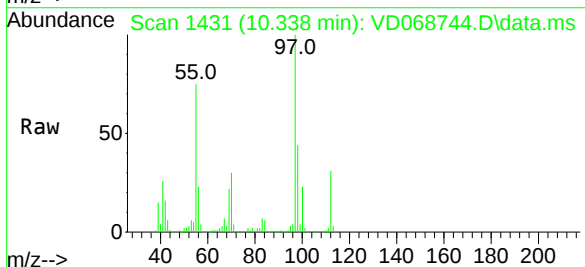
RT: 10.338 min Scan# 1431

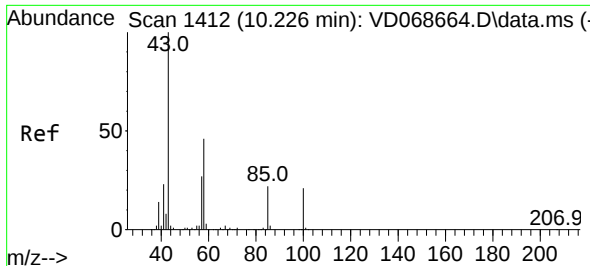
Delta R.T. -0.006 min

Lab File: VD068744.D

Acq: 31 Mar 2021 18:58

Tgt Ion: 98 Resp: 955077
Ion Ratio Lower Upper
98 100
100 49.8 51.8 77.6#

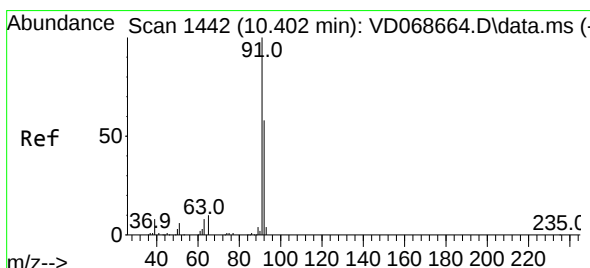
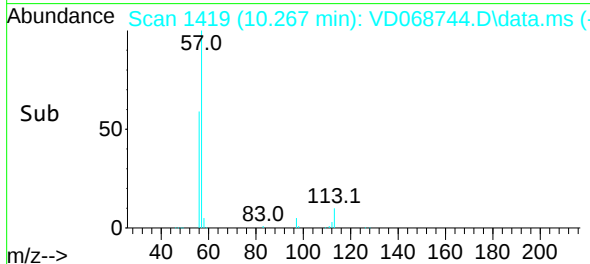
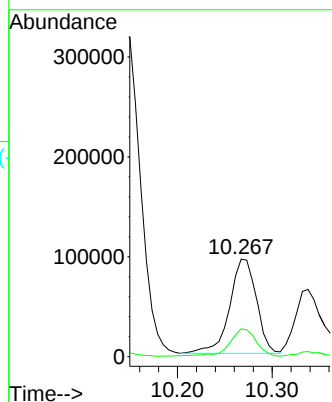
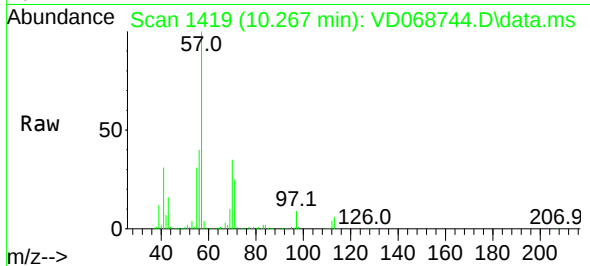




#51
4-Methyl-2-Pentanone
Concen: 113.50 ug/l
RT: 10.267 min Scan# 1419
Delta R.T. 0.041 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

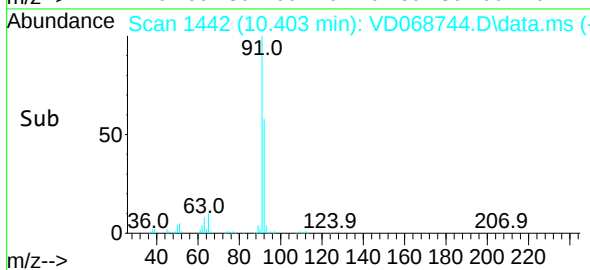
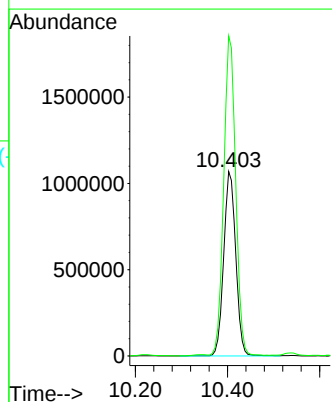
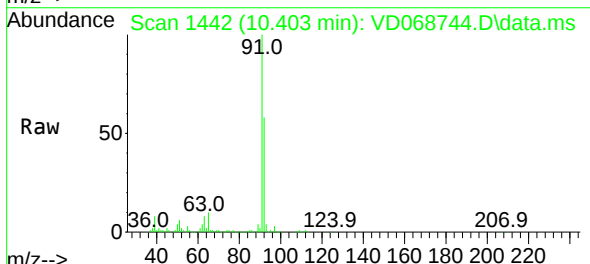
Instrument :
MSVOA_D
ClientSampled :

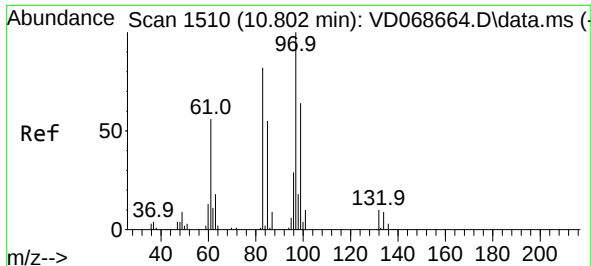
Tgt Ion: 43 Resp: 185296
Ion Ratio Lower Upper
43 100
58 28.6 37.3 55.9#



#52
Toluene
Concen: 201.58 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

Tgt Ion: 92 Resp: 1928190
Ion Ratio Lower Upper
92 100
91 171.4 139.1 208.7

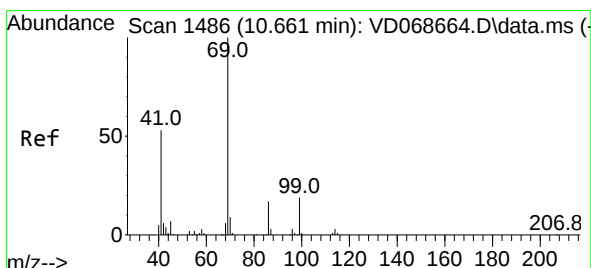
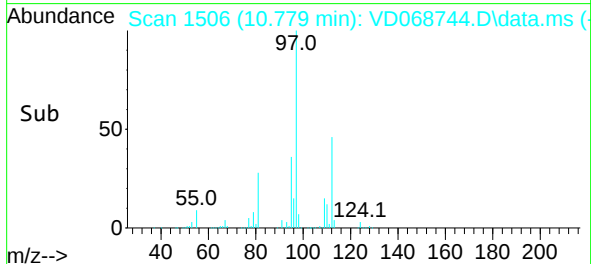
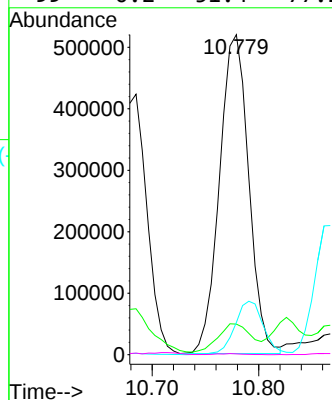
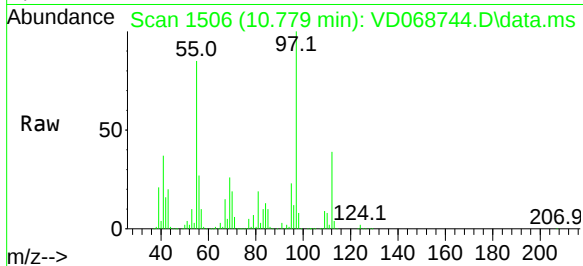




#55
1,1,2-Trichloroethane
Concen: 341.46 ug/l
RT: 10.779 min Scan# 1506
Delta R.T. -0.023 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

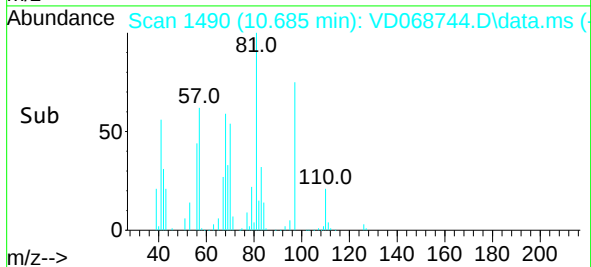
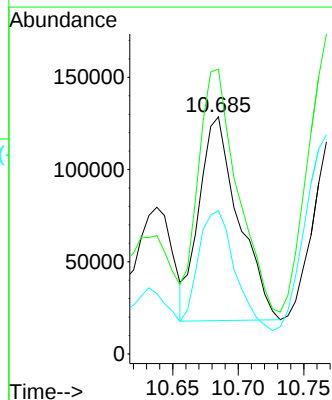
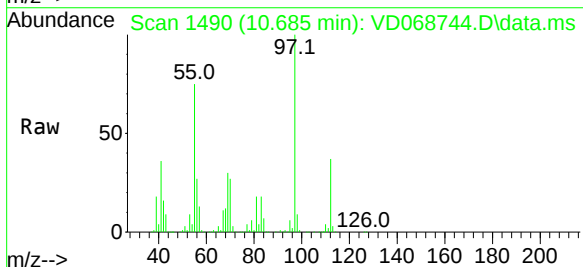
Instrument :
MSVOA_D
ClientSampleId :

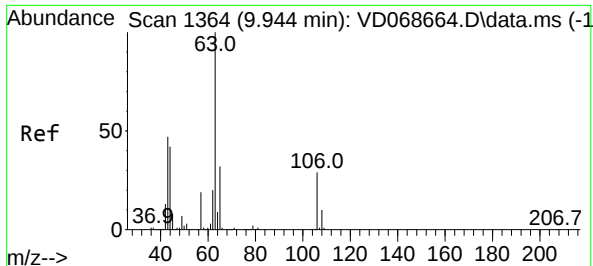
Tgt Ion:	97	Resp:	987738
Ion	Ratio	Lower	Upper
97	100		
83	8.3	65.7	98.5#
85	10.1	44.3	66.5#
99	0.2	51.4	77.2#



#56
Ethyl methacrylate
Concen: 74.10 ug/l
RT: 10.685 min Scan# 1490
Delta R.T. 0.024 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

Tgt Ion:	69	Resp:	231607
Ion	Ratio	Lower	Upper
69	100		
41	125.6	42.2	63.4#
39	54.7	24.2	36.2#

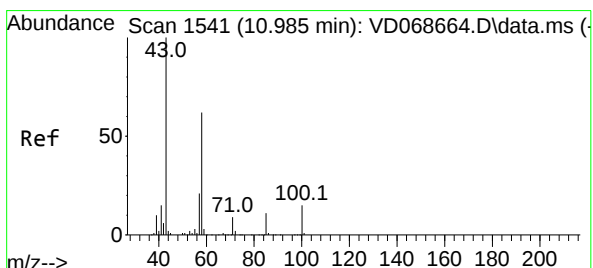
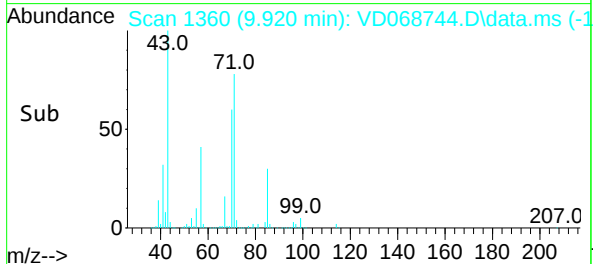
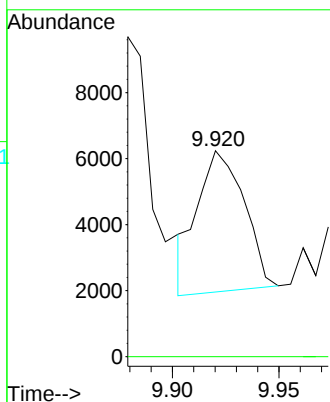
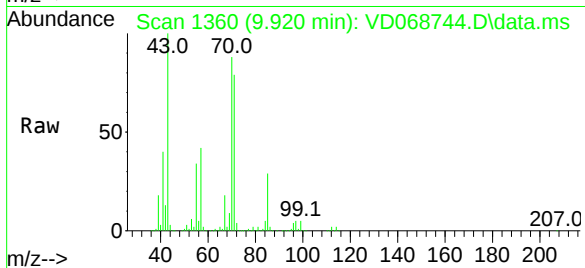




#58
2-Chloroethyl Vinyl ether
Concen: 4.10 ug/l
RT: 9.920 min Scan# 1360
Delta R.T. -0.023 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

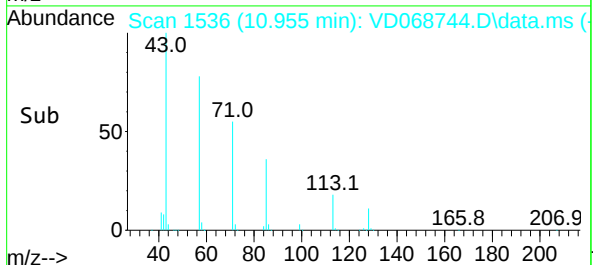
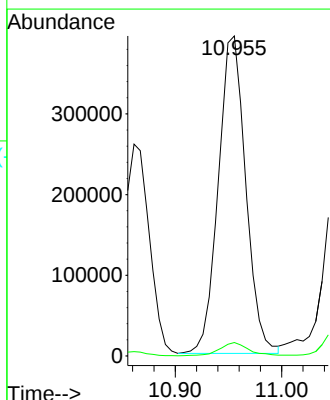
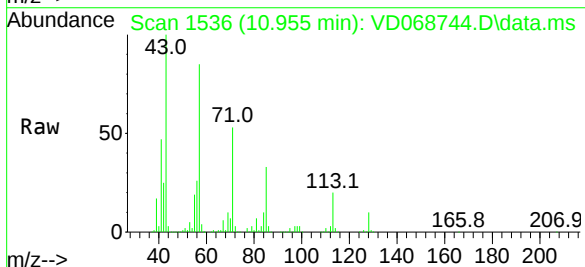
Instrument :
MSVOA_D
ClientSampled :

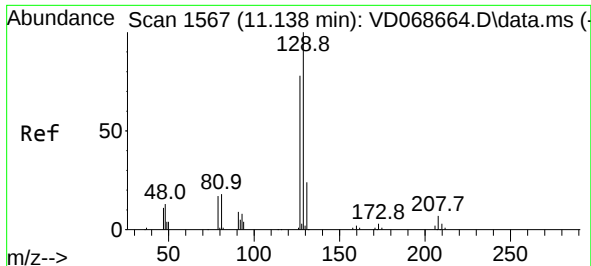
Tgt Ion: 63 Resp: 6531
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#59
2-Hexanone
Concen: 642.88 ug/l
RT: 10.955 min Scan# 1536
Delta R.T. -0.029 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

Tgt Ion: 43 Resp: 704712
Ion Ratio Lower Upper
43 100
58 4.4 31.3 93.8#

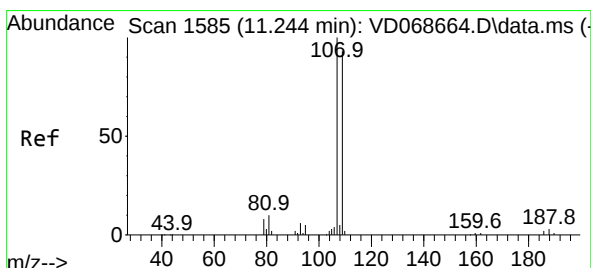
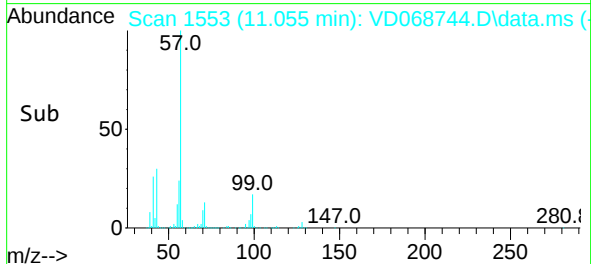
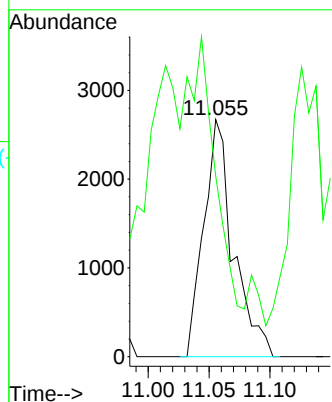
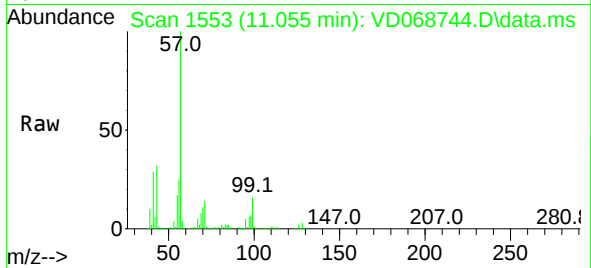




#60
Dibromochloromethane
Concen: 1.26 ug/l
RT: 11.055 min Scan# 1553
Delta R.T. -0.082 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

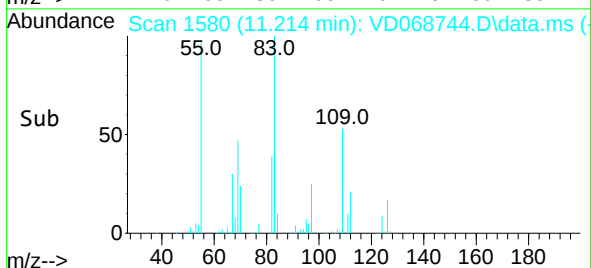
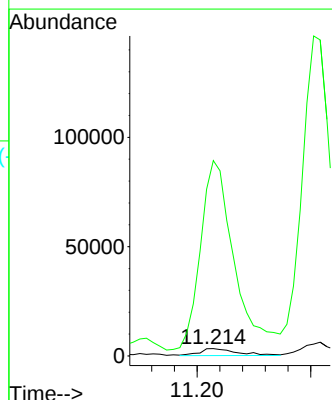
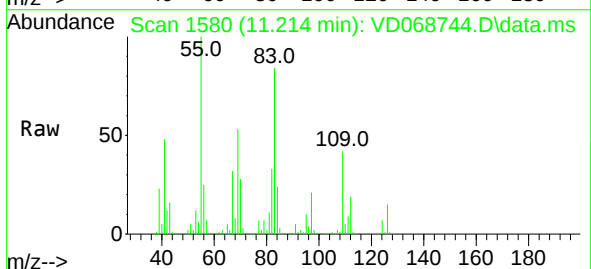
Instrument :
MSVOA_D
ClientSampleId :

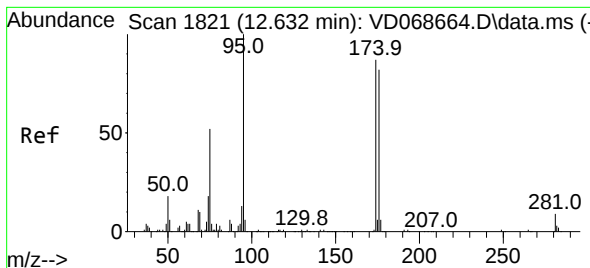
Tgt Ion:129 Resp: 4505
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.3#



#61
1,2-Dibromoethane
Concen: 2.65 ug/l
RT: 11.214 min Scan# 1580
Delta R.T. -0.029 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

Tgt Ion:107 Resp: 7402
Ion Ratio Lower Upper
107 100
109 2433.5 74.9 112.3#

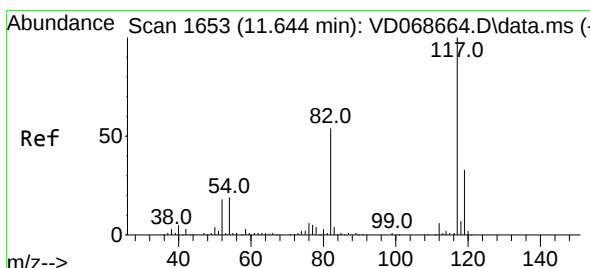
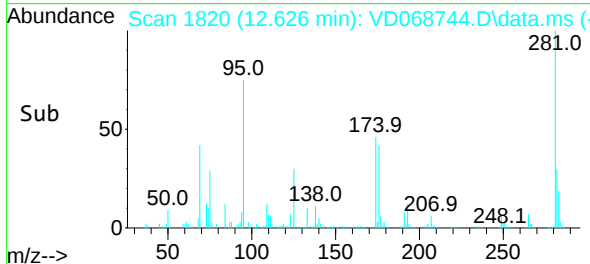
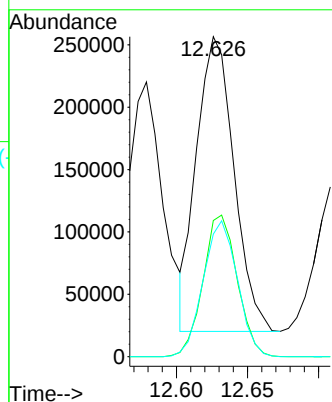
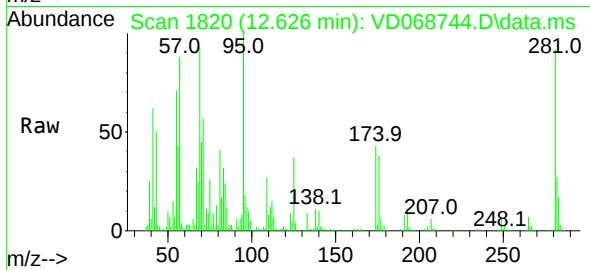




#62
4-Bromofluorobenzene
Concen: 96.02 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

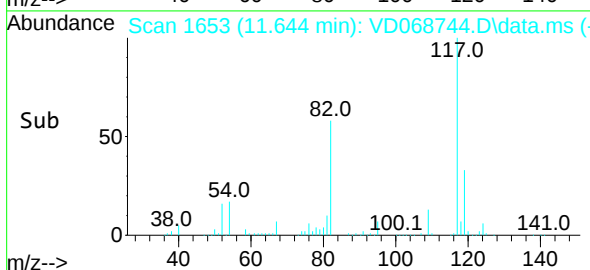
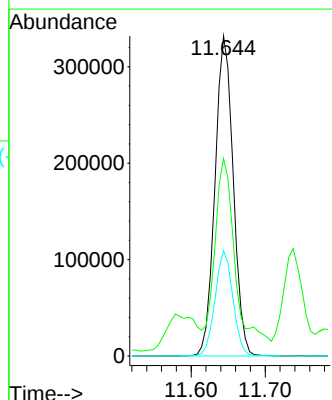
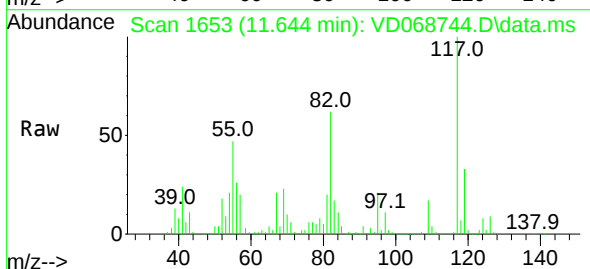
Instrument :
MSVOA_D
ClientSampleId :

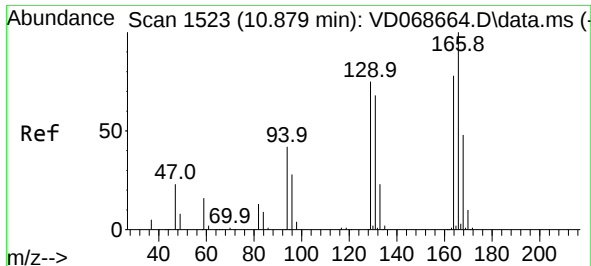
Tgt Ion: 95 Resp: 433159
Ion Ratio Lower Upper
95 100
174 43.8 0.0 168.0
176 42.1 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

Tgt Ion: 117 Resp: 567168
Ion Ratio Lower Upper
117 100
82 49.3 43.5 65.3
119 32.9 26.7 40.1

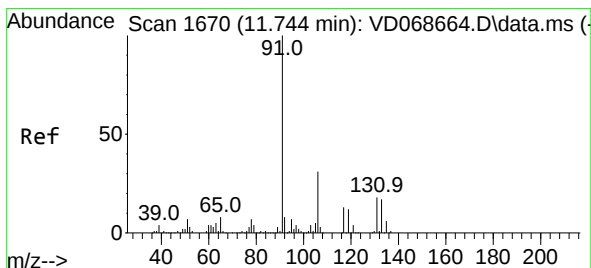
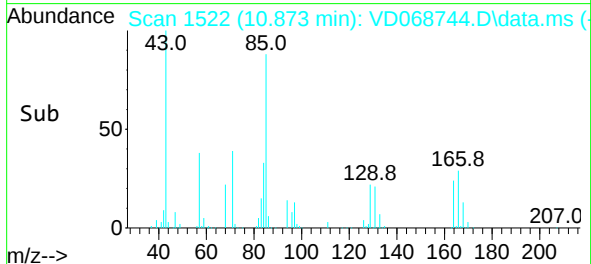
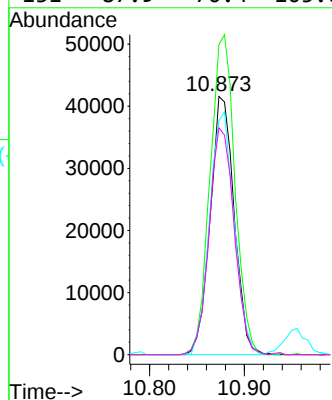
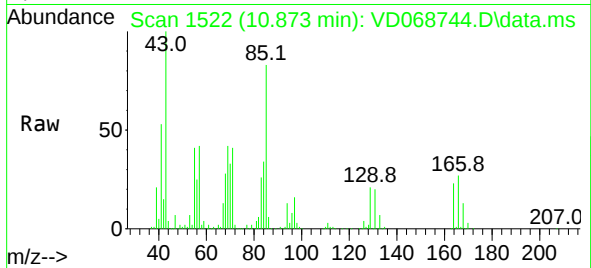




#64
Tetrachloroethene
Concen: 19.82 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.006 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

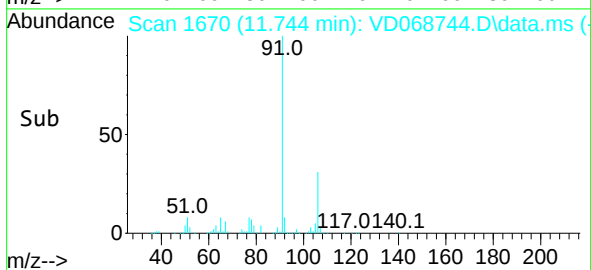
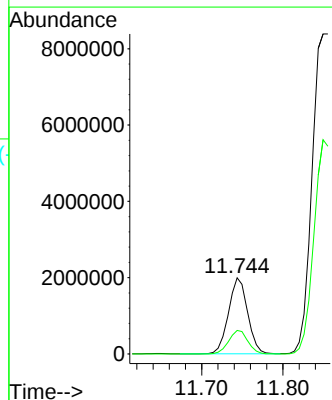
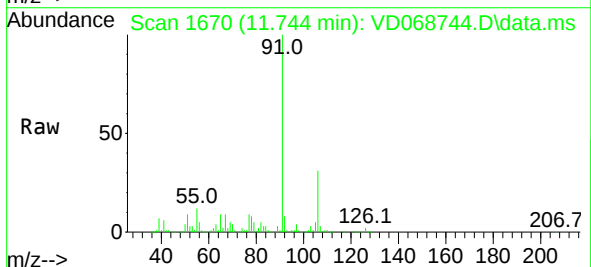
Instrument :
MSVOA_D
ClientSampled :

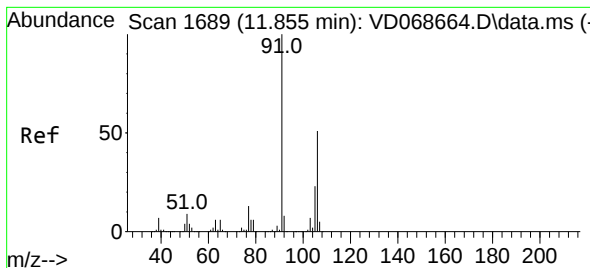
Tgt Ion:164 Resp: 72886
Ion Ratio Lower Upper
164 100
166 120.1 103.0 154.6
129 90.5 77.4 116.0
131 87.9 70.4 105.6



#67
Ethyl Benzene
Concen: 167.17 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

Tgt Ion: 91 Resp: 3255256
Ion Ratio Lower Upper
91 100
106 30.9 25.1 37.7

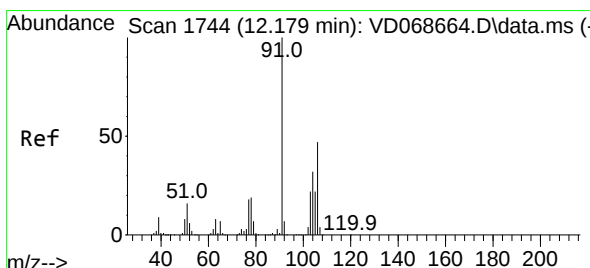
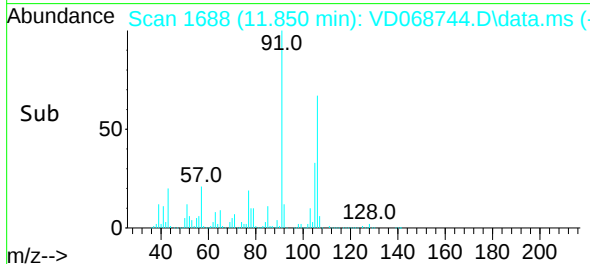
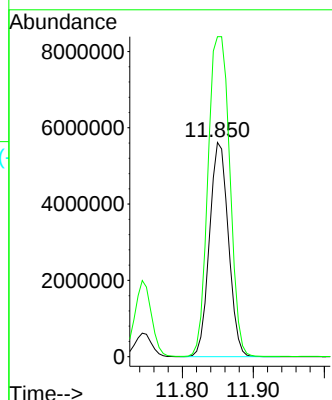
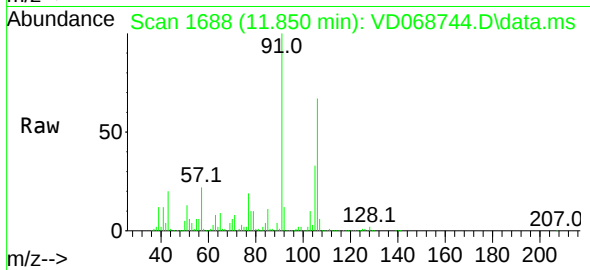




#68
m/p-Xylenes
Concen: 1366.20 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

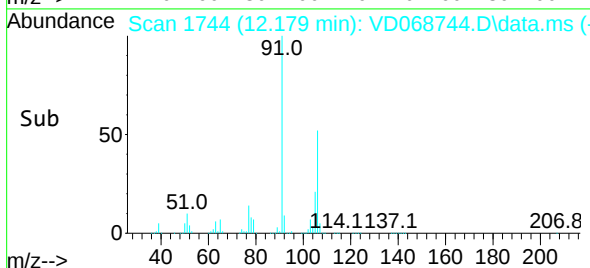
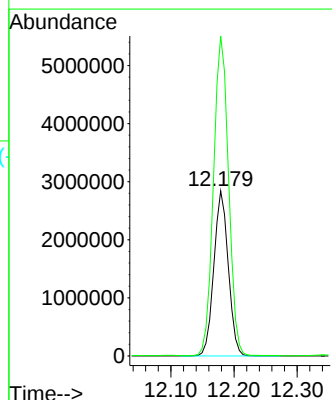
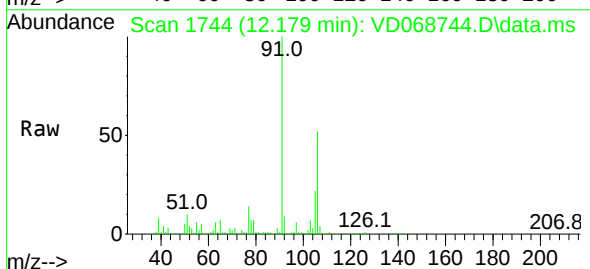
Instrument :
MSVOA_D
ClientSampleId :

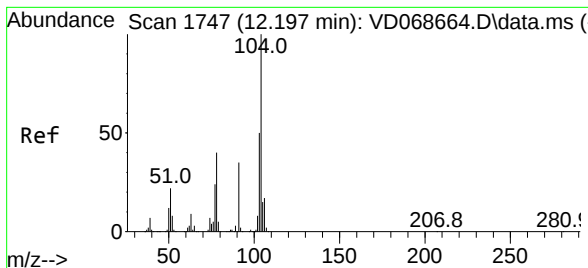
Tgt Ion:106 Resp:10364832
Ion Ratio Lower Upper
106 100
91 171.7 158.6 238.0



#69
o-Xylene
Concen: 638.06 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

Tgt Ion:106 Resp: 4486279
Ion Ratio Lower Upper
106 100
91 203.3 105.0 315.0

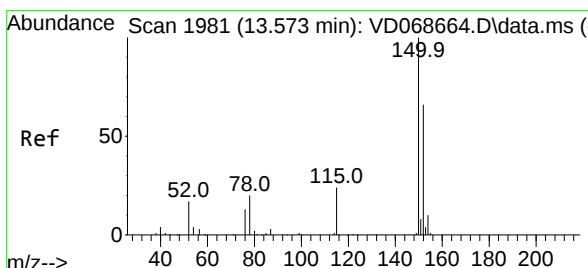
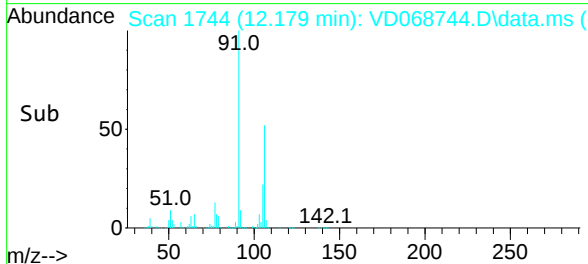
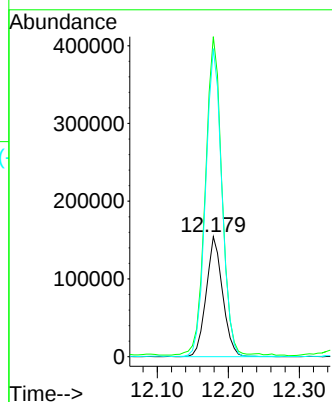
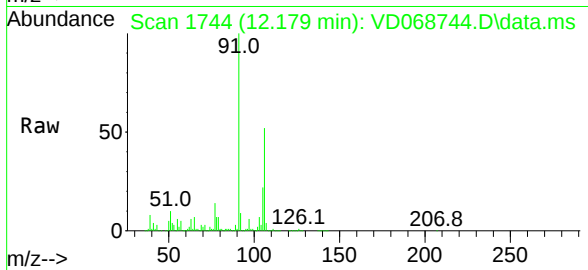




#70
Styrene
Concen: 20.58 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.018 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

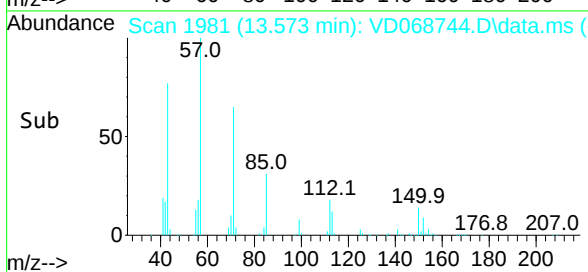
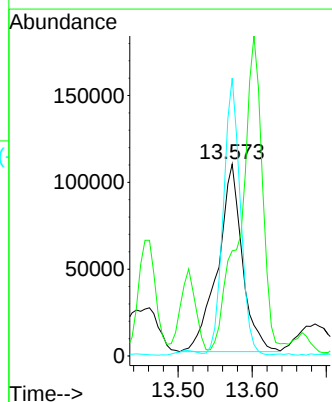
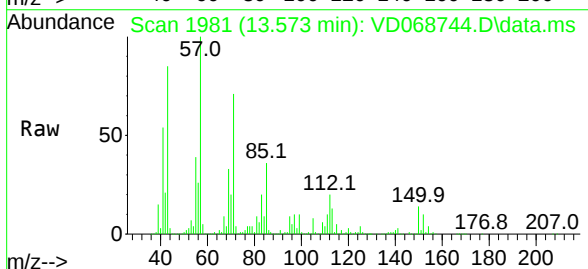
Instrument :
MSVOA_D
ClientSampleId :

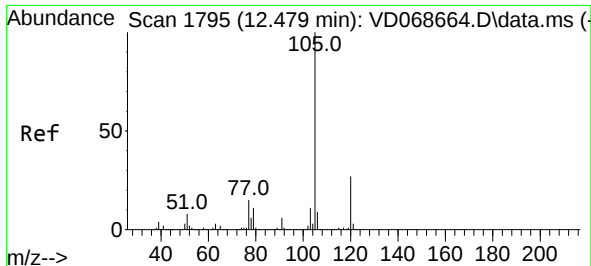
Tgt Ion:104 Resp: 248716
Ion Ratio Lower Upper
104 100
78 265.7 36.9 55.3#
103 255.2 44.3 66.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

Tgt Ion:152 Resp: 248856
Ion Ratio Lower Upper
152 100
115 0.0 29.3 87.8#
150 101.7 0.0 347.6

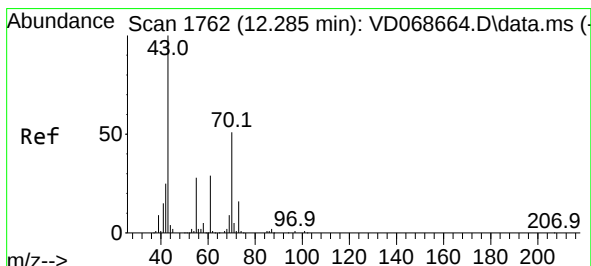
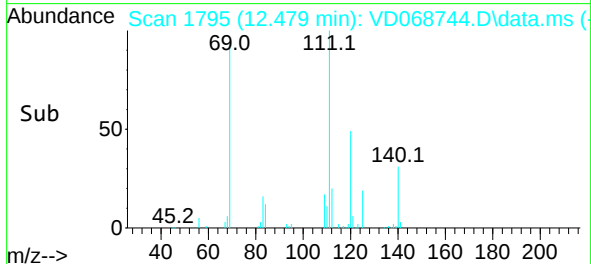
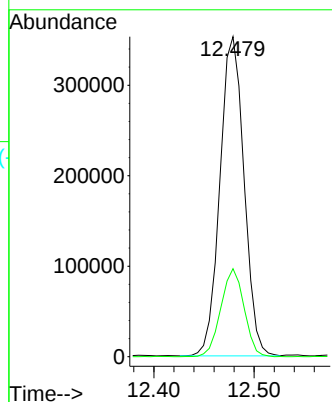
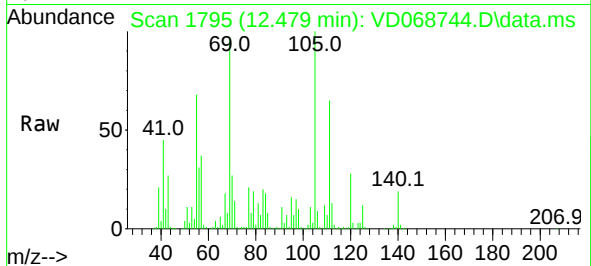




#73
Isopropylbenzene
Concen: 34.37 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

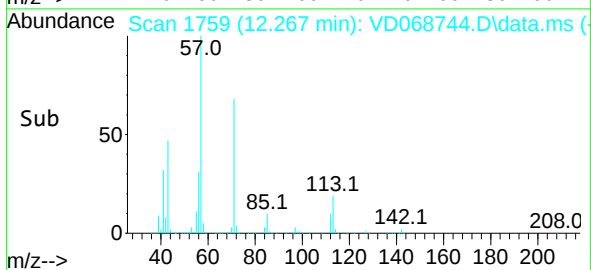
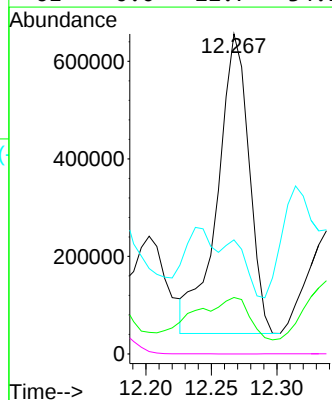
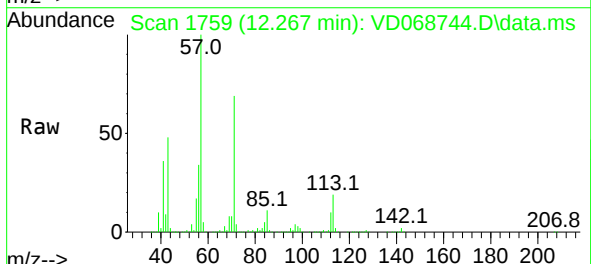
Instrument :
MSVOA_D
ClientSampleId :

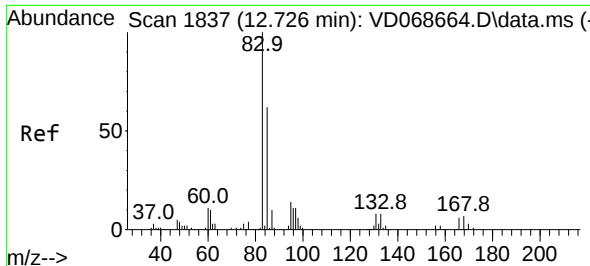
Tgt Ion:105 Resp: 587659
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.2



#74
N-ethyl acetate
Concen: 361.77 ug/l
RT: 12.267 min Scan# 1759
Delta R.T. -0.018 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

Tgt Ion: 43 Resp: 1031032
Ion Ratio Lower Upper
43 100
70 24.3 41.9 62.9#
55 0.0 22.8 34.2#
61 0.0 22.7 34.1#

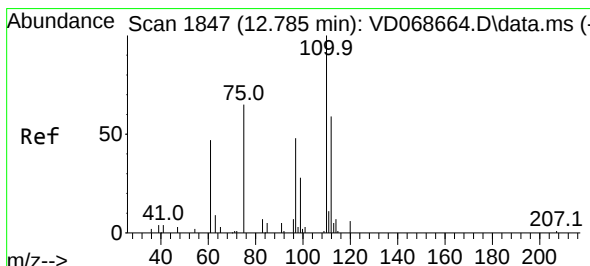
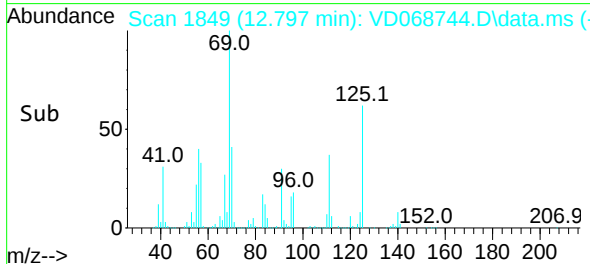
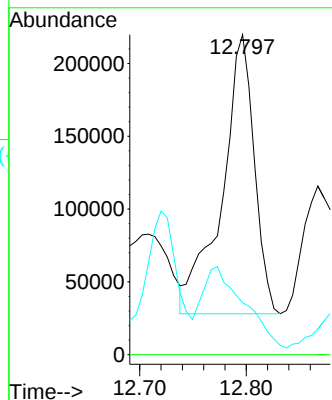
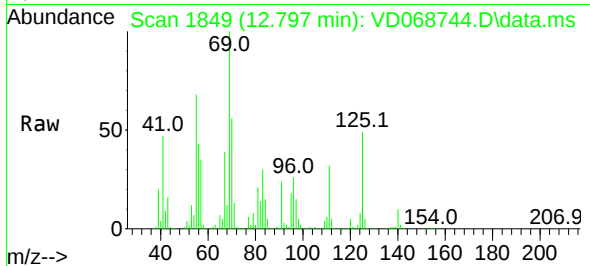




#75
1,1,2,2-Tetrachloroethane
Concen: 133.70 ug/l
RT: 12.797 min Scan# 1849
Delta R.T. 0.071 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

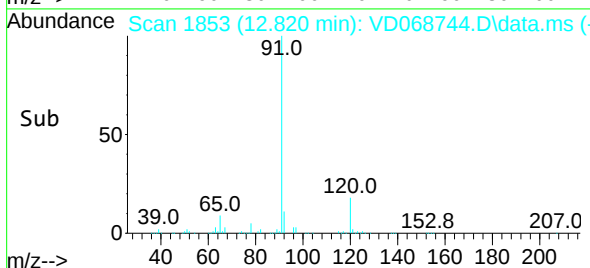
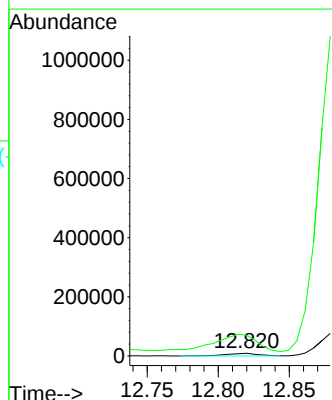
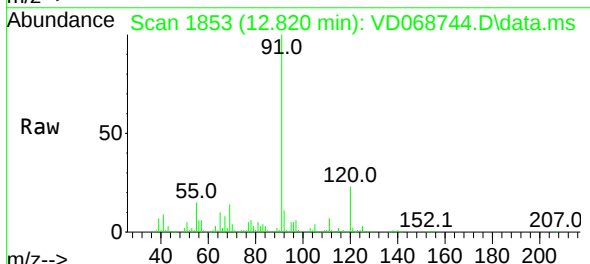
Instrument :
MSVOA_D
ClientSampleId :

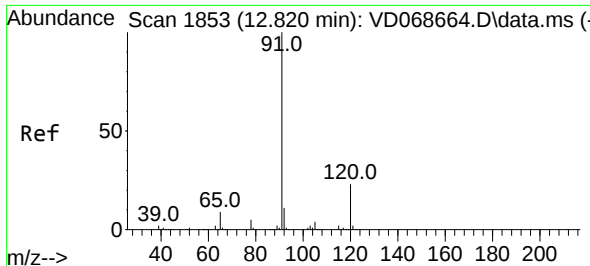
Tgt Ion: 83 Resp: 403881
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.3#
85 0.0 32.0 96.0#



#76
1,2,3-Trichloropropane
Concen: 6.60 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.035 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

Tgt Ion: 75 Resp: 13674
Ion Ratio Lower Upper
75 100
77 892.4 0.0 0.0#

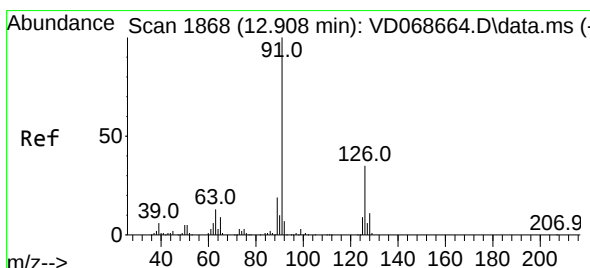
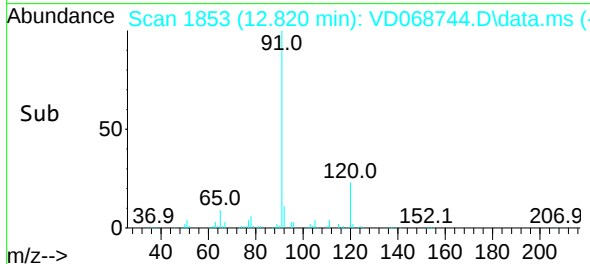
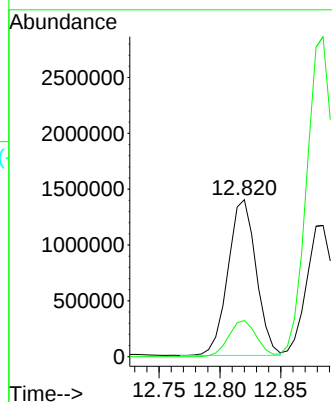
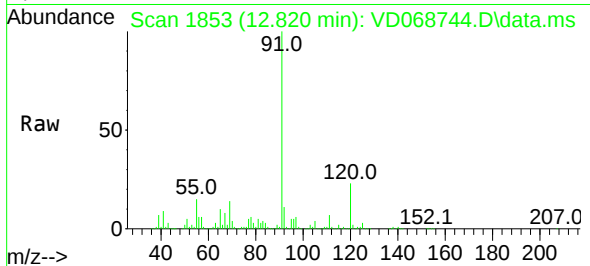




#78
n-propylbenzene
Concen: 110.39 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

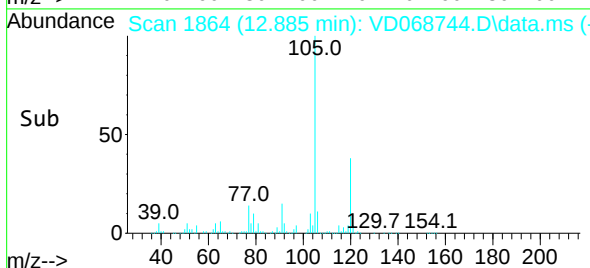
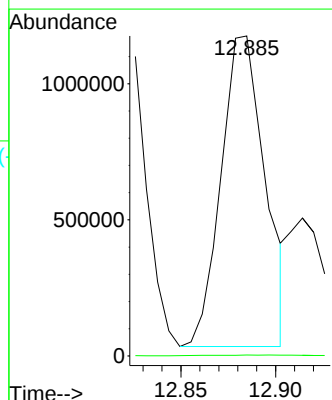
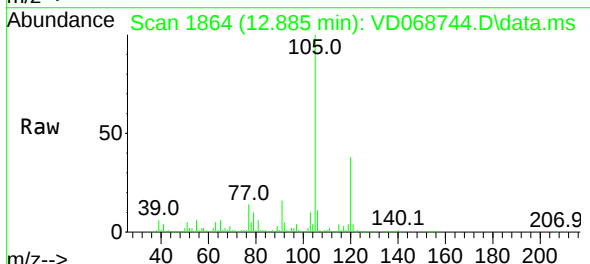
Instrument :
MSVOA_D
ClientSampled :

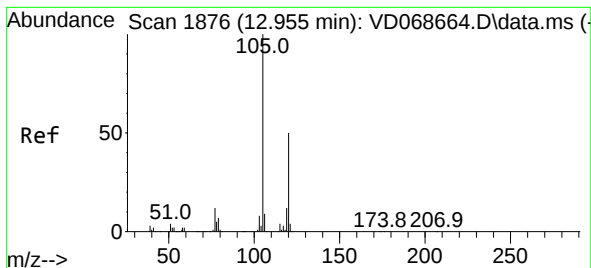
Tgt Ion: 91 Resp: 2247389
Ion Ratio Lower Upper
91 100
120 23.0 11.4 34.2



#79
2-Chlorotoluene
Concen: 166.14 ug/l
RT: 12.885 min Scan# 1864
Delta R.T. -0.023 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

Tgt Ion: 91 Resp: 1845838
Ion Ratio Lower Upper
91 100
126 0.5 17.1 51.3#

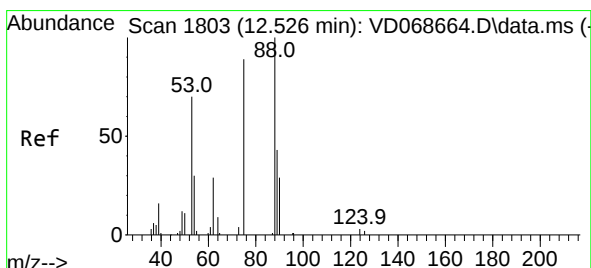
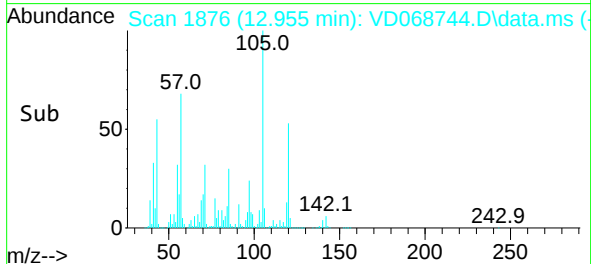
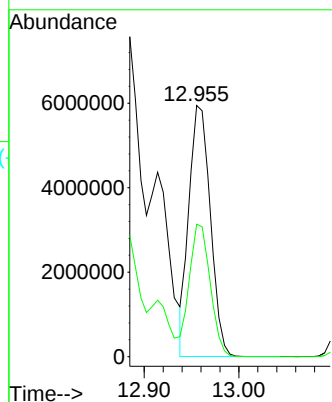
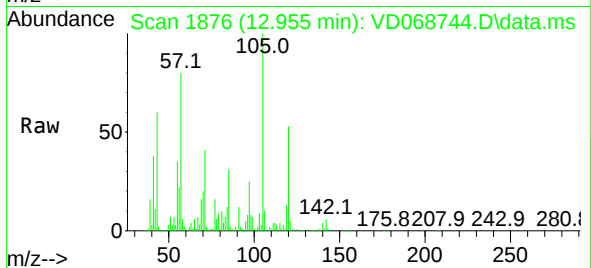




#80
1,3,5-Trimethylbenzene
Concen: 675.71 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

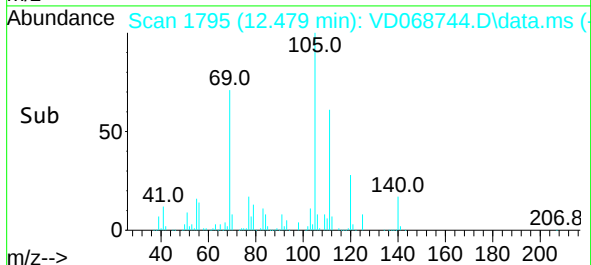
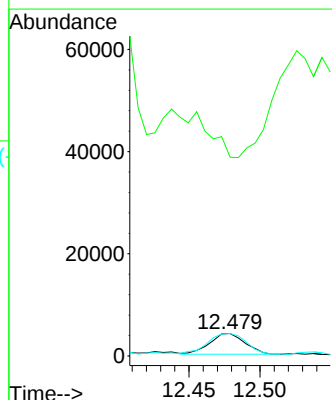
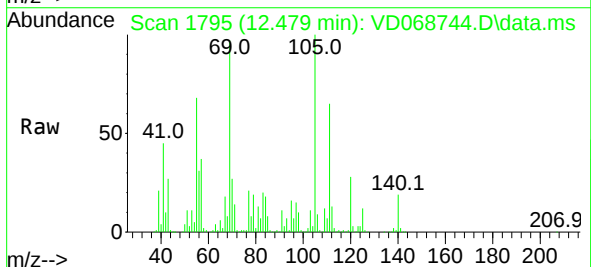
Instrument :
MSVOA_D
ClientSampled :

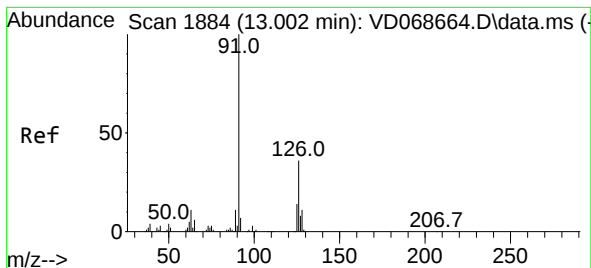
Tgt Ion:105 Resp: 9343785
Ion Ratio Lower Upper
105 100
120 53.0 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 7.59 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.047 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

Tgt Ion: 75 Resp: 6914
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 113.4 36.6 54.8#

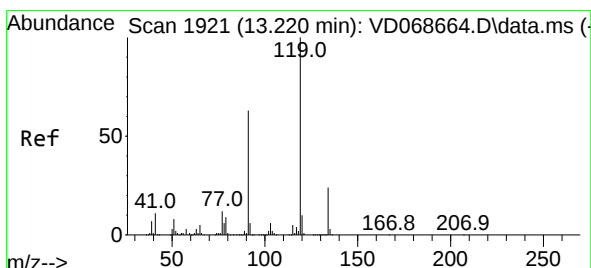
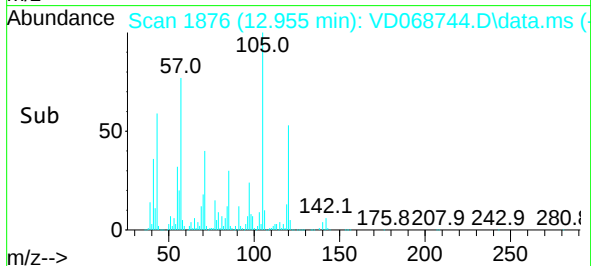
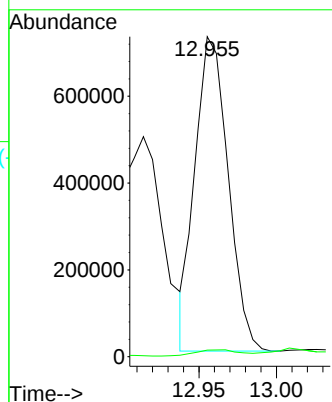
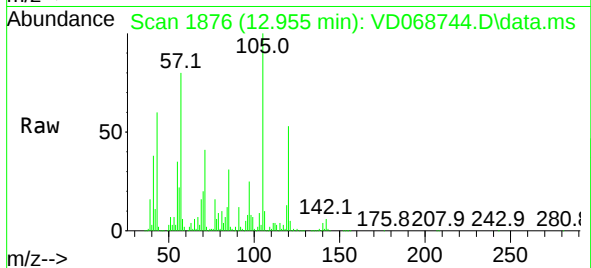




#82
4-Chlorotoluene
Concen: 90.64 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.047 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

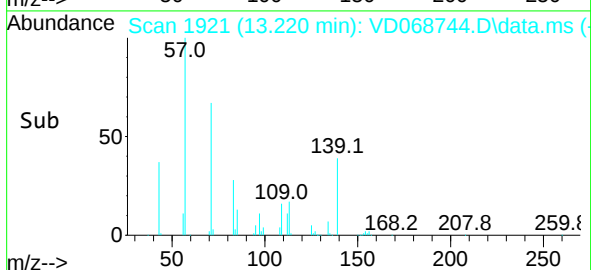
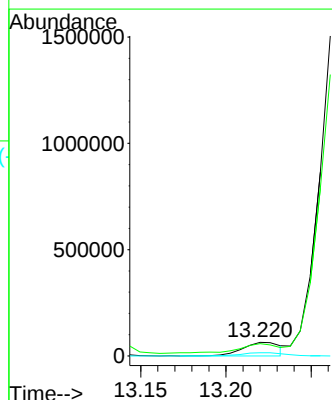
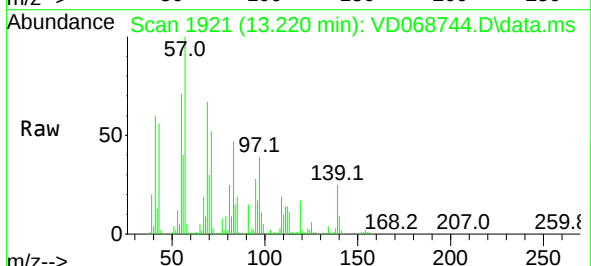
Instrument :
MSVOA_D
ClientSampleId :

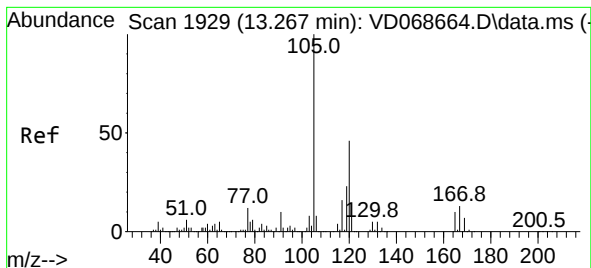
Tgt Ion: 91 Resp: 1075682
Ion Ratio Lower Upper
91 100
126 2.7 17.2 51.5#



#83
tert-Butylbenzene
Concen: 8.12 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

Tgt Ion: 119 Resp: 95747
Ion Ratio Lower Upper
119 100
91 76.8 31.6 95.0
134 28.6 13.4 40.2





#84

1,2,4-Trimethylbenzene

Concen: 1177.90 ug/l

RT: 13.261 min Scan# 1928

Delta R.T. -0.006 min

Lab File: VD068744.D

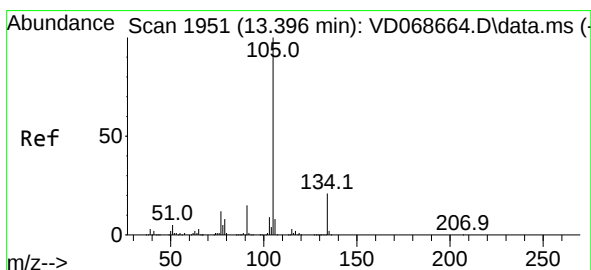
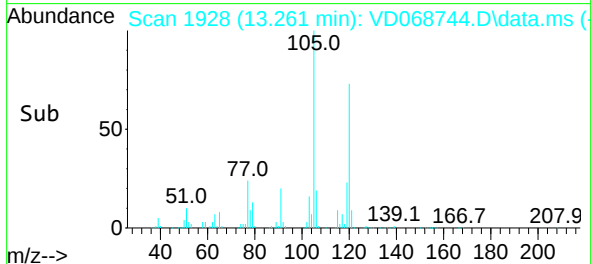
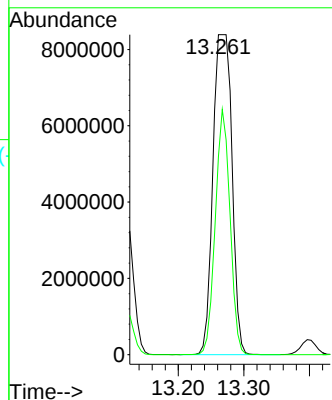
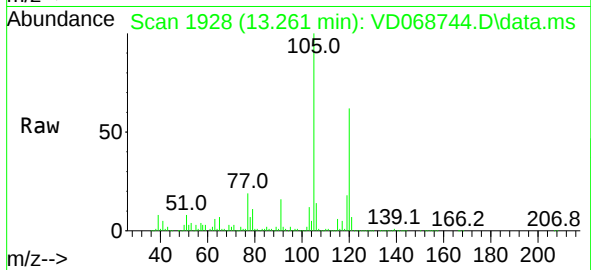
Acq: 31 Mar 2021 18:58

Tgt Ion:105 Resp:16826141

Ion Ratio Lower Upper

105 100

120 59.5 22.6 67.7



#85

sec-Butylbenzene

Concen: 36.47 ug/l

RT: 13.396 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VD068744.D

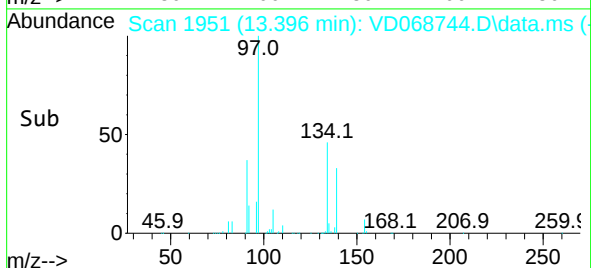
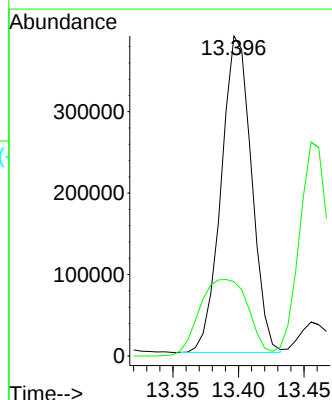
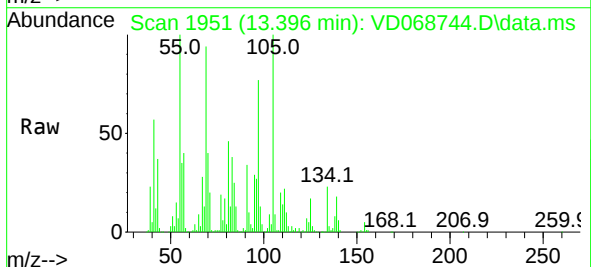
Acq: 31 Mar 2021 18:58

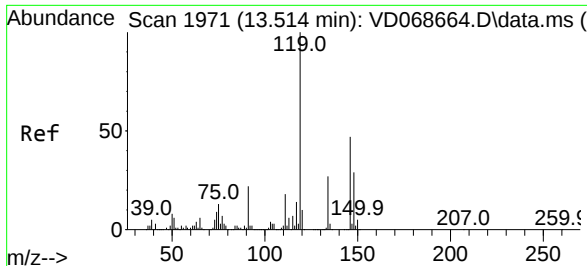
Tgt Ion:105 Resp: 624805

Ion Ratio Lower Upper

105 100

134 38.9 10.0 29.8#

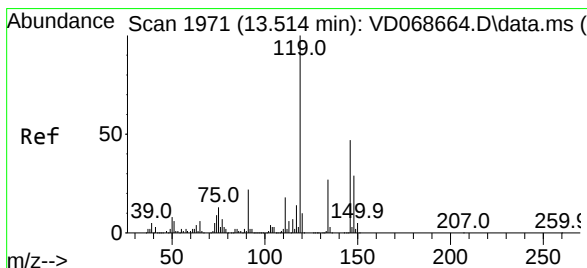
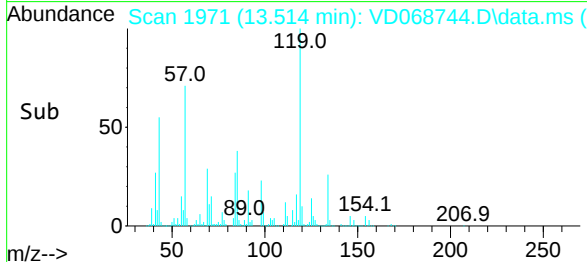
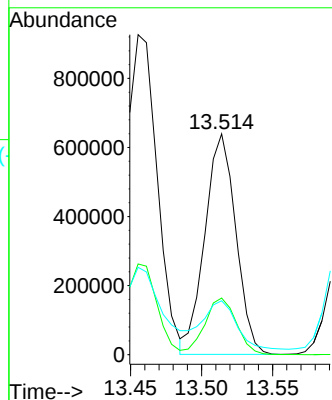
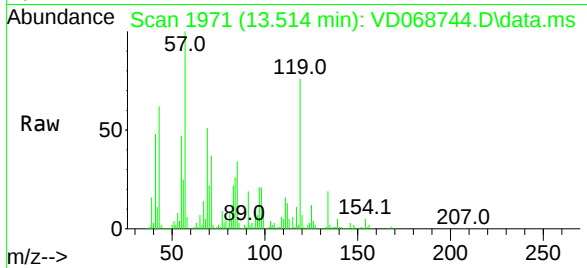




#86
p-Isopropyltoluene
Concen: 62.08 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

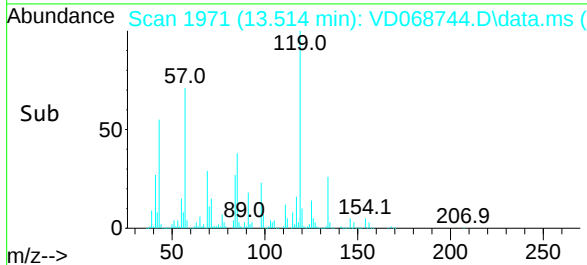
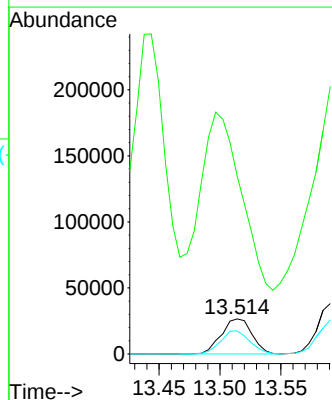
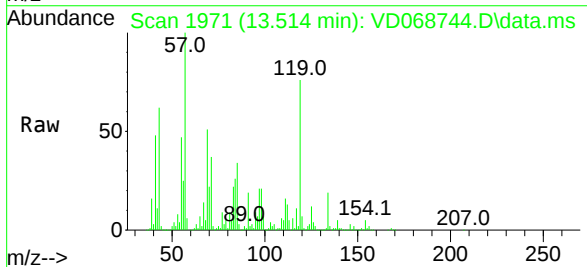
Instrument :
MSVOA_D
ClientSampled :

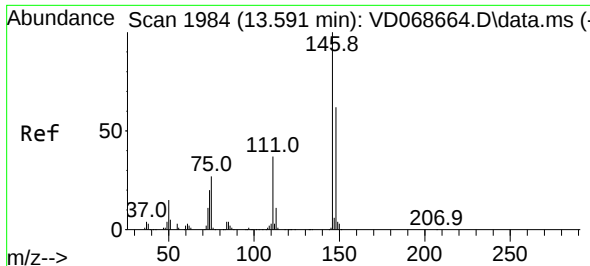
Tgt Ion:119 Resp: 967926
Ion Ratio Lower Upper
119 100
134 26.3 13.3 39.9
91 23.5 11.1 33.1



#87
1,3-Dichlorobenzene
Concen: 5.80 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

Tgt Ion:146 Resp: 46382
Ion Ratio Lower Upper
146 100
111 661.6 19.3 57.8#
148 63.0 30.9 92.8

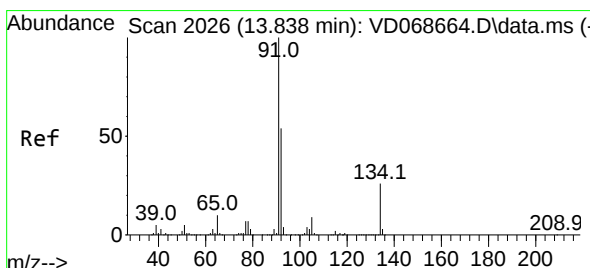
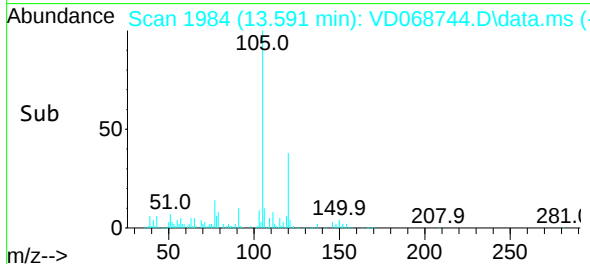
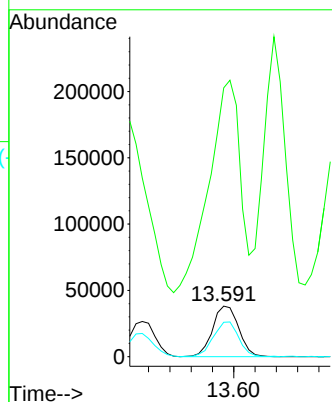
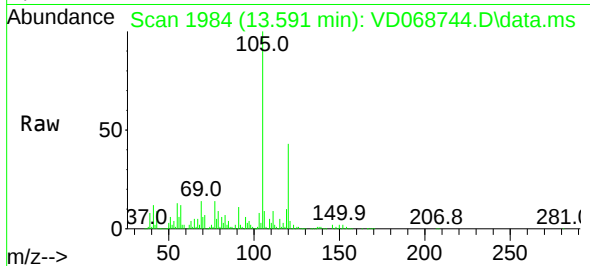




#88
1,4-Dichlorobenzene
Concen: 8.28 ug/l
RT: 13.591 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

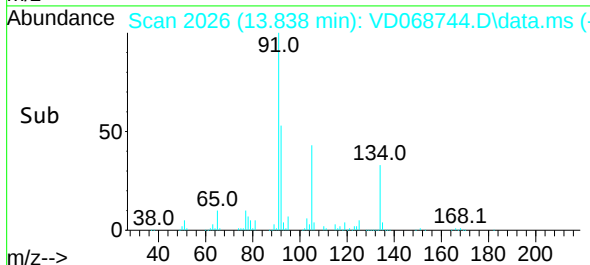
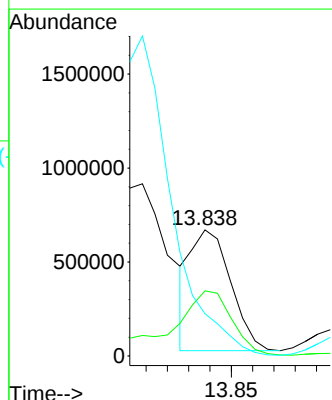
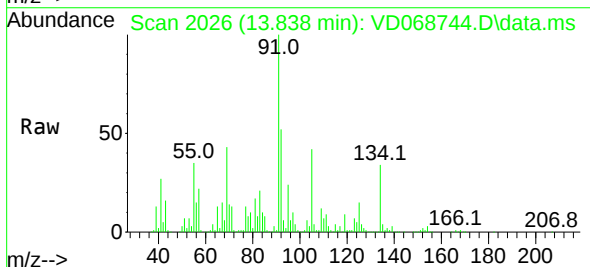
Instrument :
MSVOA_D
ClientSampled :

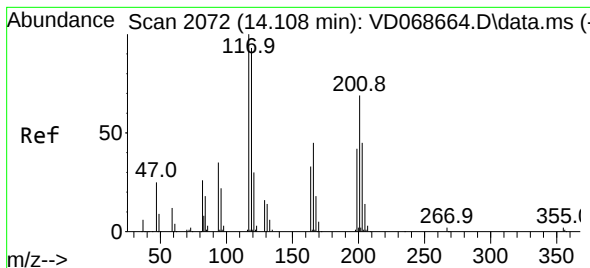
Tgt Ion:146 Resp: 65057
Ion Ratio Lower Upper
146 100
111 498.8 19.1 57.1#
148 67.0 31.6 95.0



#89
n-Butylbenzene
Concen: 56.87 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

Tgt Ion: 91 Resp: 841606
Ion Ratio Lower Upper
91 100
92 80.3 26.7 80.1#
134 0.0 12.9 38.6#

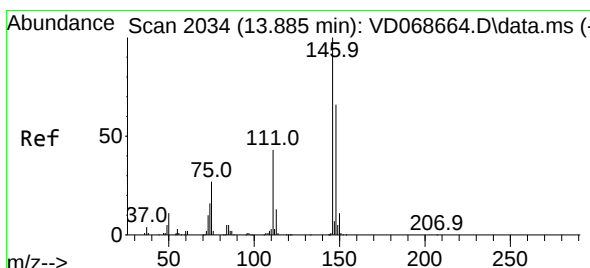
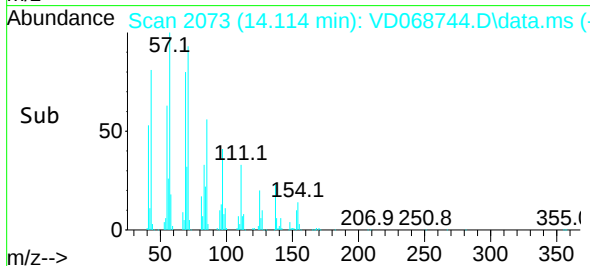
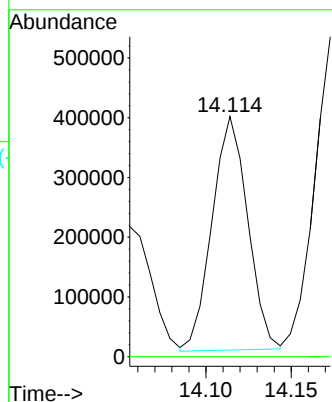
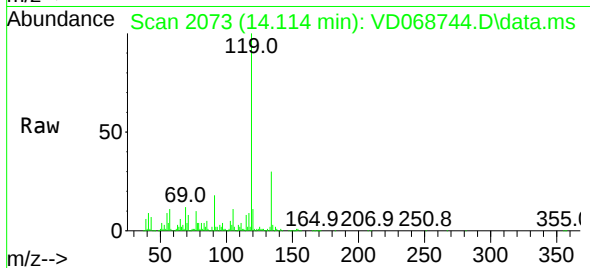




#90
Hexachloroethane
Concen: 202.32 ug/l
RT: 14.114 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

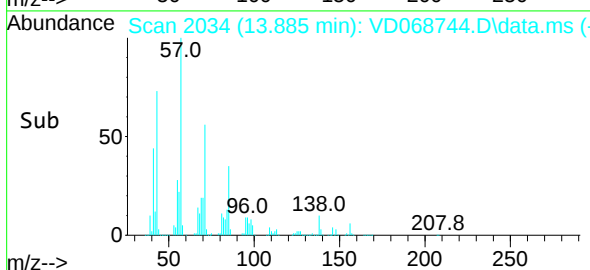
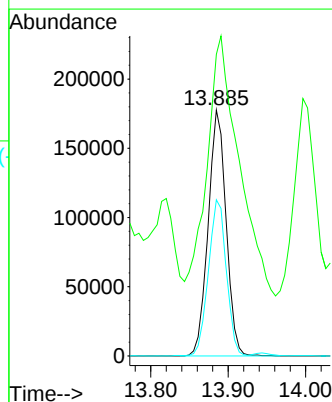
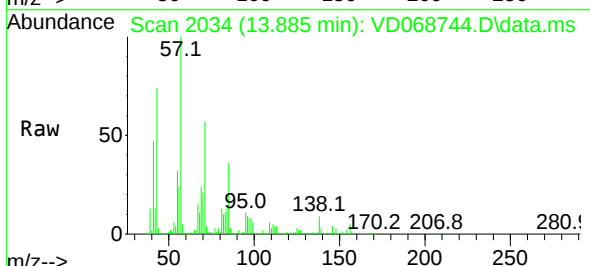
Instrument :
MSVOA_D
ClientSampleId :

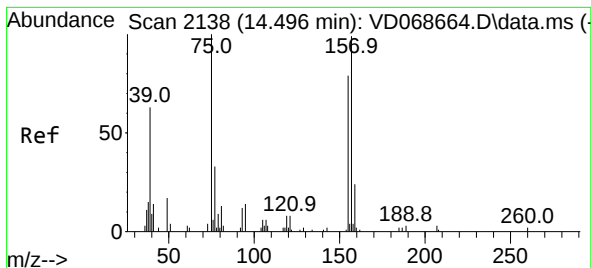
Tgt Ion:117 Resp: 567482
Ion Ratio Lower Upper
117 100
201 0.0 35.4 106.2#



#91
1,2-Dichlorobenzene
Concen: 42.03 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

Tgt Ion:146 Resp: 285586
Ion Ratio Lower Upper
146 100
111 193.4 20.3 60.9#
148 63.6 32.2 96.6

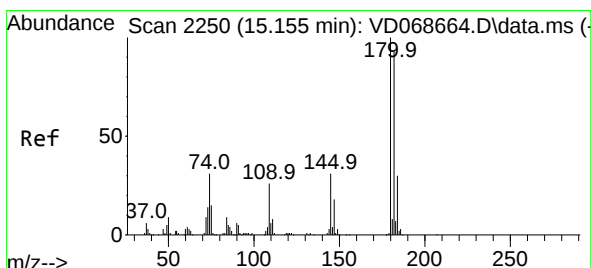
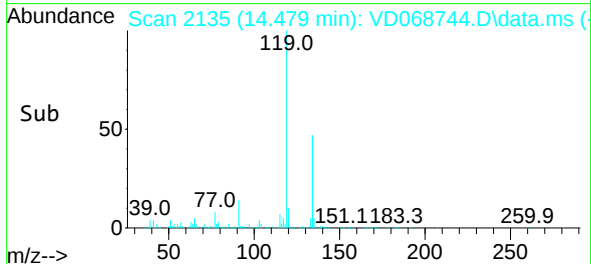
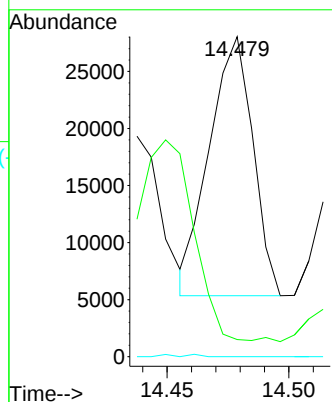
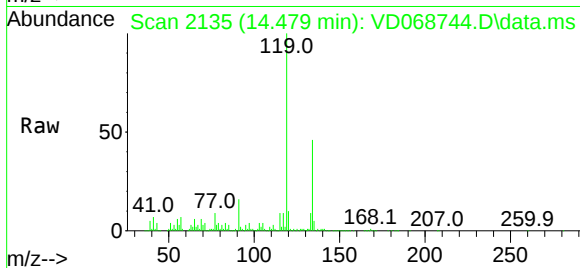




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 65.34 ug/l
 RT: 14.479 min Scan# 2135
 Delta R.T. -0.018 min
 Lab File: VD068744.D
 Acq: 31 Mar 2021 18:58

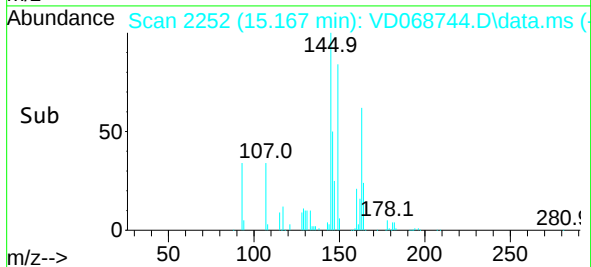
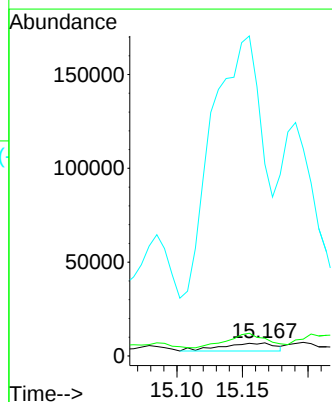
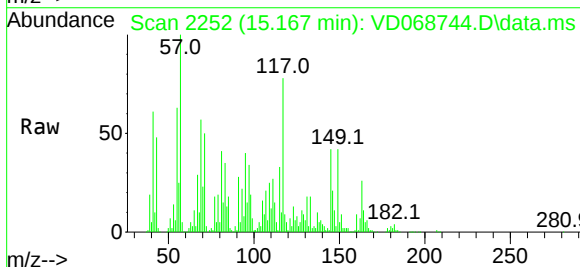
Instrument :
 MSVOA_D
 ClientSampleId :

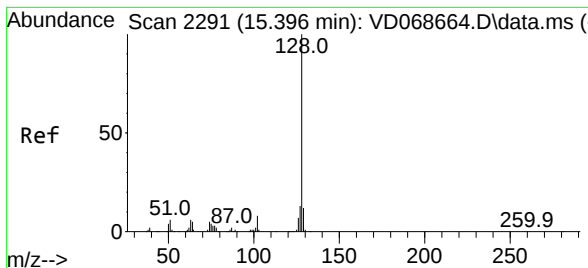
Tgt Ion: 75 Resp: 28242
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.8 140.3#
 157 0.0 59.8 179.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.71 ug/l
 RT: 15.167 min Scan# 2252
 Delta R.T. 0.012 min
 Lab File: VD068744.D
 Acq: 31 Mar 2021 18:58

Tgt Ion:180 Resp: 11958
 Ion Ratio Lower Upper
 180 100
 182 139.8 47.9 143.8
 145 3567.8 15.2 45.6#

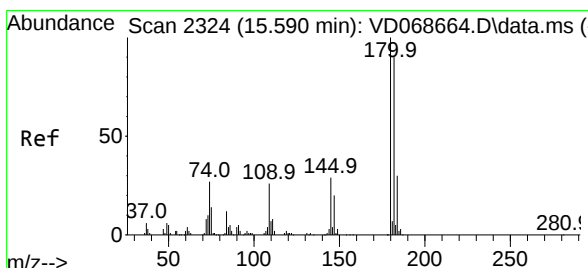
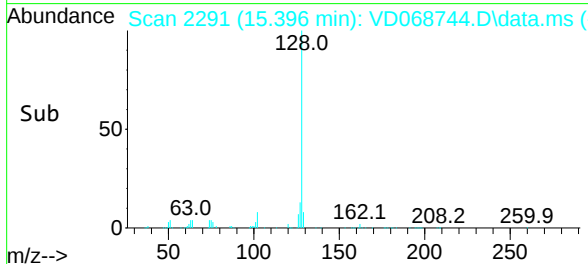
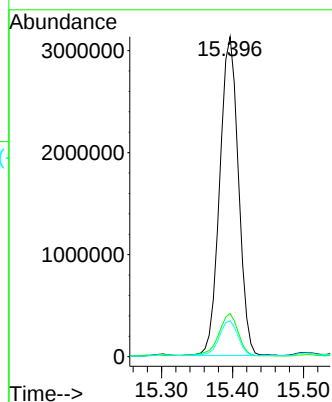
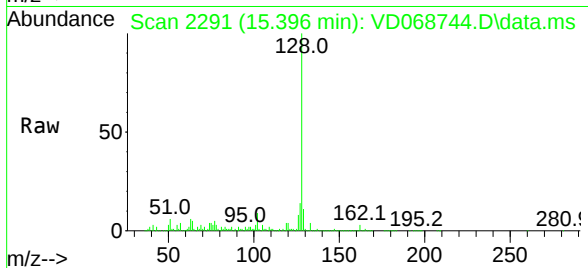




#95
Naphthalene
Concen: 736.47 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:128 Resp: 5692182
Ion Ratio Lower Upper
128 100
127 13.9 10.2 15.4
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 3.69 ug/l
RT: 15.602 min Scan# 2326
Delta R.T. 0.012 min
Lab File: VD068744.D
Acq: 31 Mar 2021 18:58

Tgt Ion:180 Resp: 13853
Ion Ratio Lower Upper
180 100
182 0.0 46.5 139.3#
145 0.0 15.8 47.4#

