

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
 Data File : VD068797.D
 Acq On : 08 Apr 2021 18:55
 Operator : VA/SY
 Sample : M1979-01
 Misc : 5.13G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 09 01:04:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	441424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	780433	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	836066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	415643	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	191588	41.07	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.14%
35) Dibromofluoromethane	7.920	113	234394	46.17	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.34%
50) Toluene-d8	10.344	98	1034686	54.03	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.06%
62) 4-Bromofluorobenzene	12.626	95	443158	69.68	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	139.36%

Target Compounds						Qvalue
11) Tert butyl alcohol	5.185	59	824	Below Cal	#	73
13) Acrolein	4.132	56	2258	12.30	ug/l #	59
14) Allyl chloride	4.956	41	42941	8.62	ug/l #	54
15) Acrylonitrile	5.491	53	16335	17.73	ug/l #	43
16) Acetone	4.156	43	18795	29.09	ug/l #	79
18) Methyl Acetate	4.967	43	89054	50.18	ug/l #	43
20) Methylene Chloride	4.979	84	35187	2.12	ug/l #	86
25) 2-Butanone	7.203	43	13989	15.30	ug/l #	51
29) Tetrahydrofuran	7.556	42	636	1.03	ug/l #	25
30) Chloroform	7.667	83	13593	1.37	ug/l #	17
31) Cyclohexane	7.961	56	194104	25.00	ug/l #	41
36) 1,1-Dichloropropene	7.985	75	32215	4.08	ug/l #	49
37) Ethyl Acetate	7.203	43	13989	6.03	ug/l #	67
38) Carbon Tetrachloride	7.985	117	42289	5.41	ug/l #	17
39) Methylcyclohexane	9.102	83	31478	3.42	ug/l	87
41) Methacrylonitrile	7.561	41	4161	3.03	ug/l #	23
42) 1,2-Dichloroethane	8.514	62	8202	1.34	ug/l #	70
43) Isopropyl Acetate	8.450	43	168951	35.72	ug/l #	45
47) Bromodichloromethane	9.638	83	65047	8.10	ug/l #	31
48) Methyl methacrylate	9.491	41	62105	26.64	ug/l #	22
51) 4-Methyl-2-Pentanone	10.267	43	215517	90.40	ug/l #	76
55) 1,1,2-Trichloroethane	10.779	97	393216	90.41	ug/l #	29
56) Ethyl methacrylate	10.685	69	19997	4.47	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.914	63	8536	20.33	ug/l #	44
59) 2-Hexanone	10.955	43	269199	168.75	ug/l #	25
68) m/p-Xylenes	11.849	106	42025	3.48	ug/l	96
73) Isopropylbenzene	12.479	105	225063	7.42	ug/l	100
74) N-amyl acetate	12.267	43	224502	43.62	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.714	83	16452	2.90	ug/l #	1
76) 1,2,3-Trichloropropane	12.814	75	7355	1.94	ug/l #	100
78) n-propylbenzene	12.820	91	1270135	34.46	ug/l	99
79) 2-Chlorotoluene	12.820	91	1270135	61.68	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.908	105	37807	1.49	ug/l	71
81) trans-1,4-Dichloro-2-b...	12.632	75	192436	117.61	ug/l #	16
82) 4-Chlorotoluene	12.820	91	1270135	58.19	ug/l #	40
83) tert-Butylbenzene	13.220	119	21577	1.00	ug/l #	66

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Instrument :
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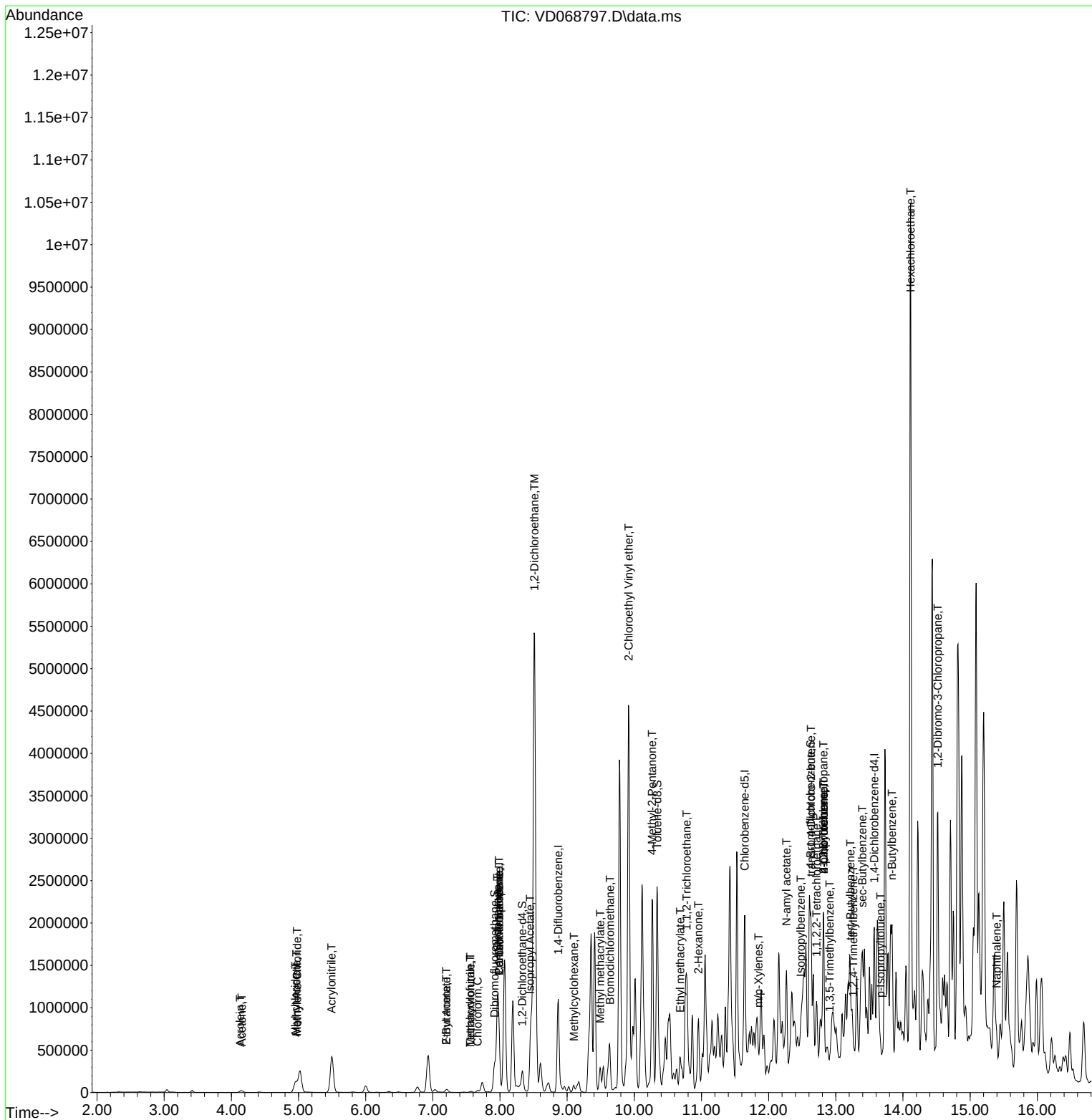
Quant Time: Apr 09 01:04:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
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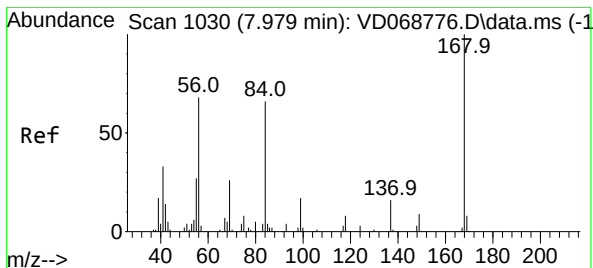
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

84) 1,2,4-Trimethylbenzene	13.261	105	27159	1.06	ug/l	98
85) sec-Butylbenzene	13.396	105	553978	18.24	ug/l #	47
86) p-Isopropyltoluene	13.667	119	59322	2.14	ug/l #	51
89) n-Butylbenzene	13.838	91	916301	35.06	ug/l #	80
90) Hexachloroethane	14.114	117	506511	91.65	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	14.520	75	9674	11.22	ug/l #	1
95) Naphthalene	15.396	128	136310	10.11	ug/l #	69

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

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Response via : Initial Calibration

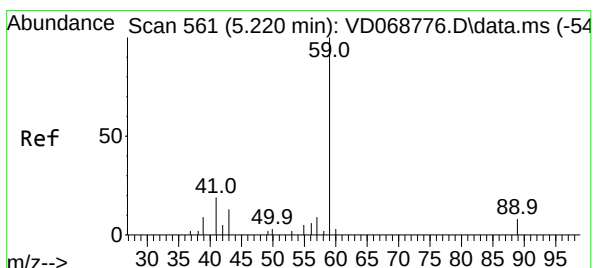
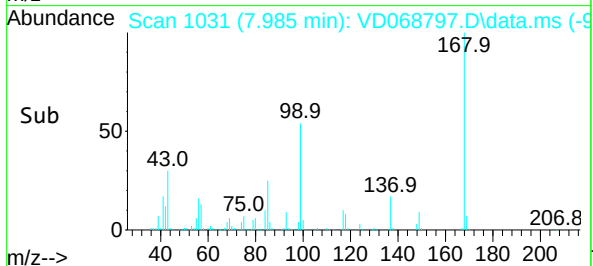
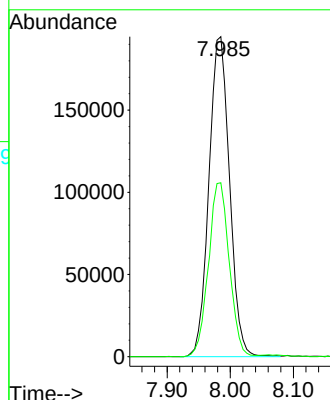
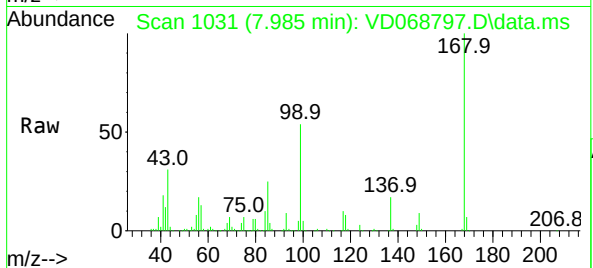




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

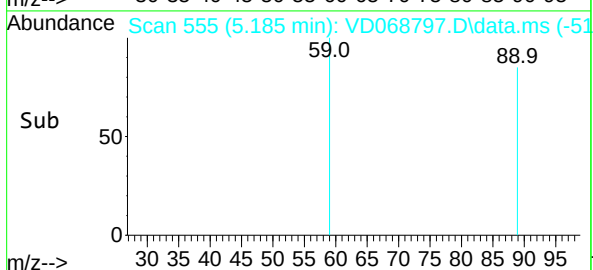
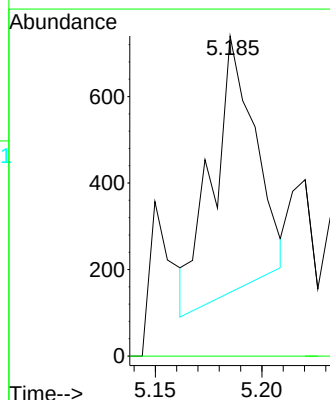
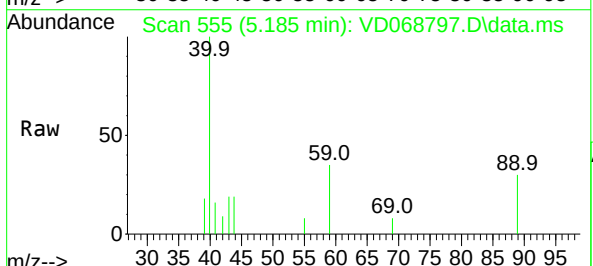
Instrument :
MSVOA_D
ClientSampled :

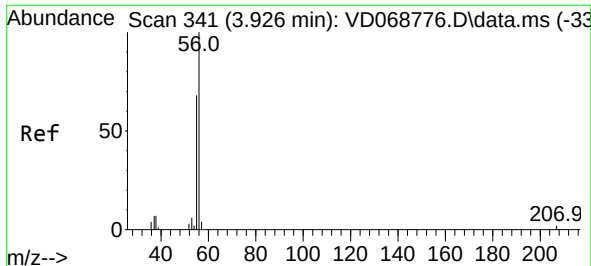
Tgt Ion:168 Resp: 441424
Ion Ratio Lower Upper
168 100
99 54.3 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.185 min Scan# 555
Delta R.T. -0.035 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

Tgt Ion: 59 Resp: 824
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

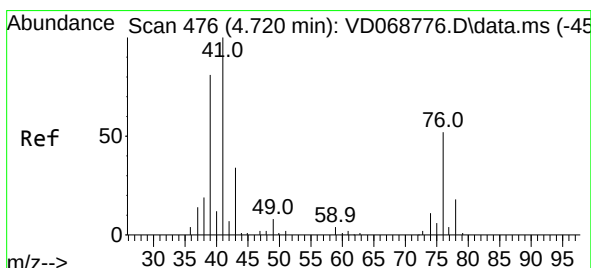
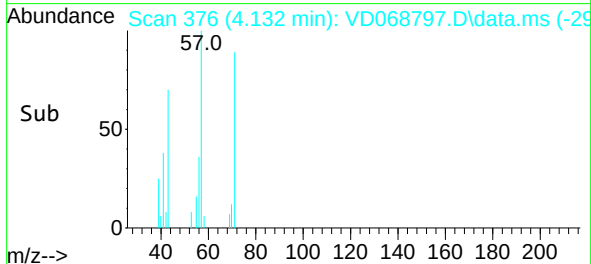
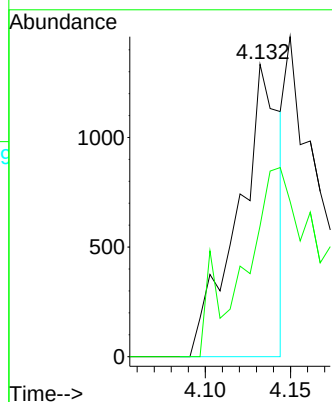
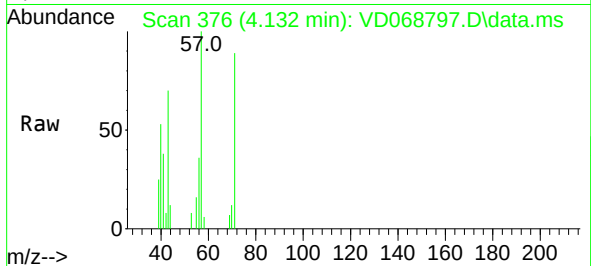




#13
Acrolein
Concen: 12.30 ug/l
RT: 4.132 min Scan# 376
Delta R.T. 0.206 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

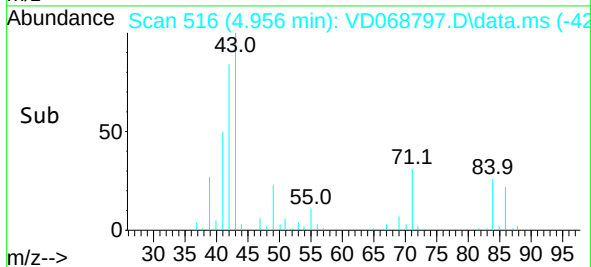
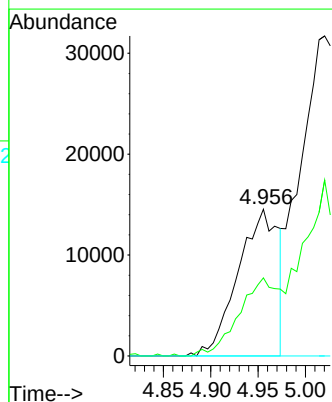
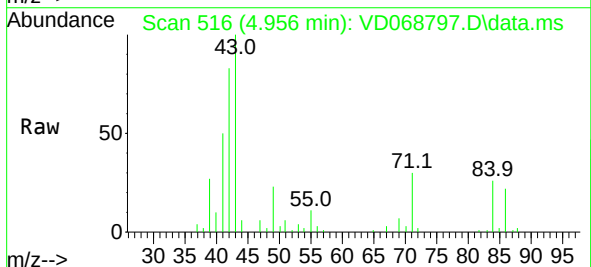
Instrument :
MSVOA_D
ClientSampled :

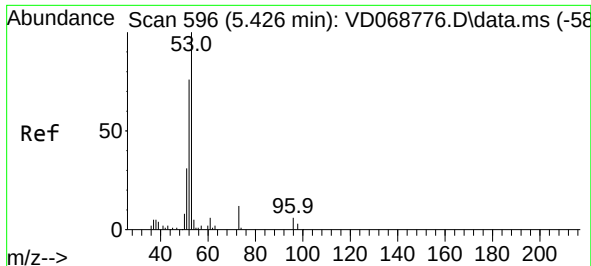
Tgt Ion: 56 Resp: 2258
Ion Ratio Lower Upper
56 100
55 101.6 54.7 82.1#



#14
Allyl chloride
Concen: 8.62 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.236 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

Tgt Ion: 41 Resp: 42941
Ion Ratio Lower Upper
41 100
39 51.9 60.6 91.0#
76 0.0 40.4 60.6#

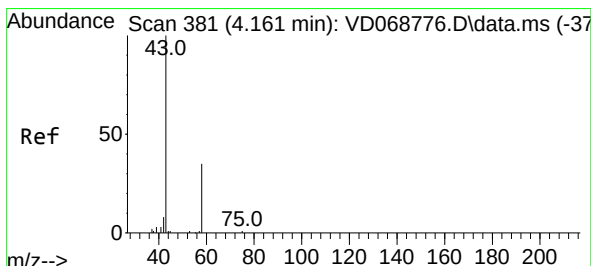
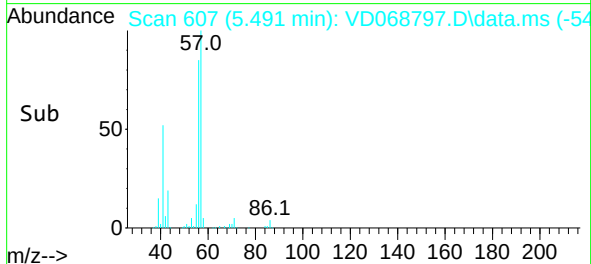
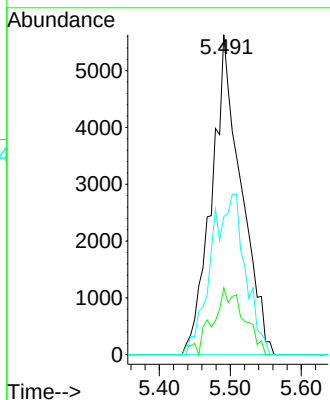
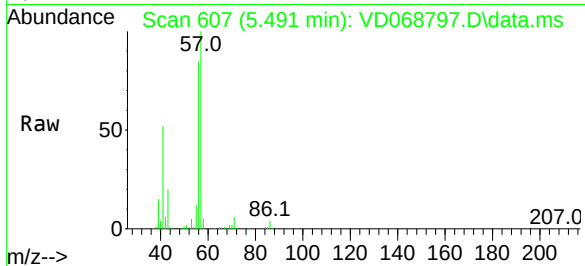




#15
Acrylonitrile
Concen: 17.73 ug/l
RT: 5.491 min Scan# 607
Delta R.T. 0.065 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

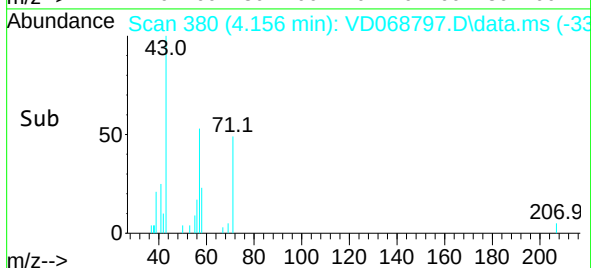
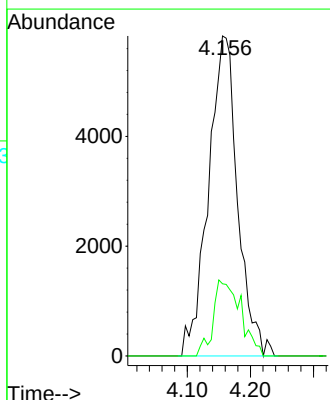
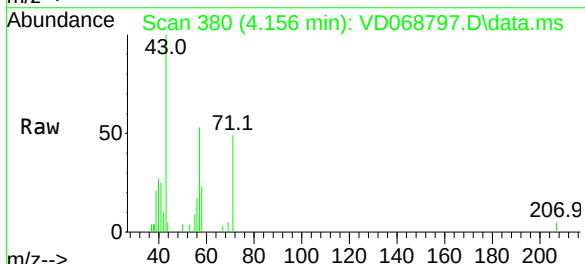
Instrument :
MSVOA_D
ClientSampled :

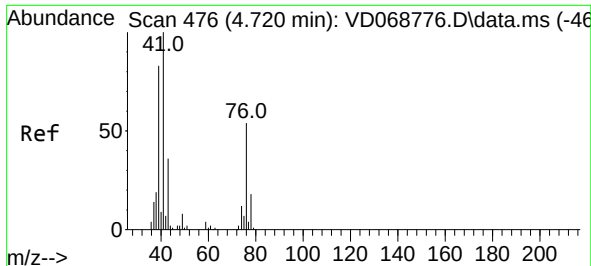
Tgt Ion: 53 Resp: 16335
Ion Ratio Lower Upper
53 100
52 22.5 63.3 94.9#
51 58.1 28.3 42.5#



#16
Acetone
Concen: 29.09 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

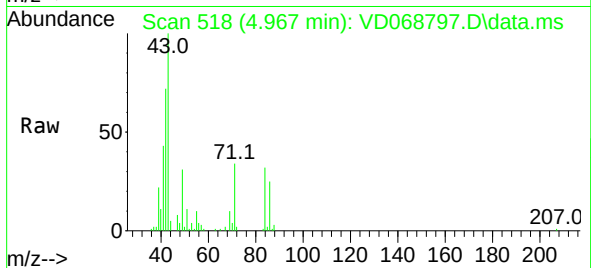
Tgt Ion: 43 Resp: 18795
Ion Ratio Lower Upper
43 100
58 22.5 28.0 42.0#



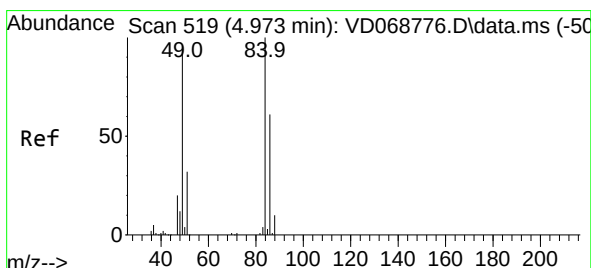
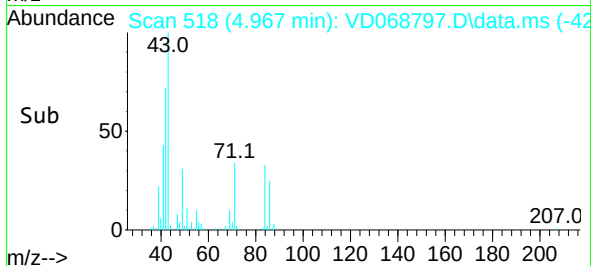
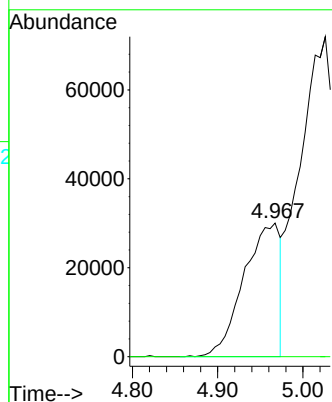


#18
Methyl Acetate
Concen: 50.18 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.247 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

Instrument :
MSVOA_D
ClientSampleId :

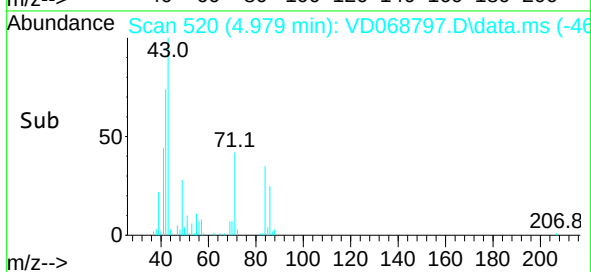
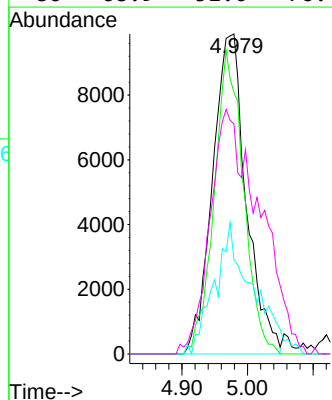
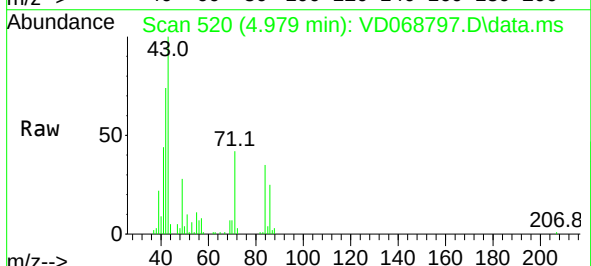


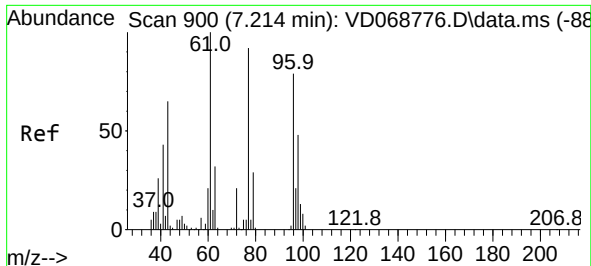
Tgt Ion: 43 Resp: 89054
Ion Ratio Lower Upper
43 100
74 0.0 25.4 38.2#



#20
Methylene Chloride
Concen: 2.12 ug/l
RT: 4.979 min Scan# 520
Delta R.T. 0.006 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

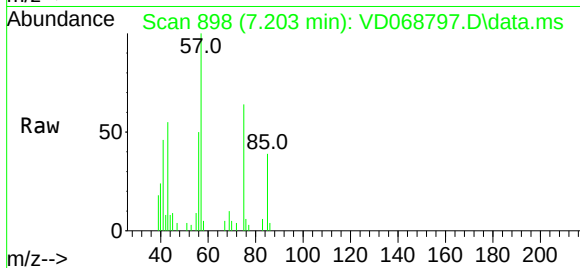
Tgt Ion: 84 Resp: 35187
Ion Ratio Lower Upper
84 100
49 81.7 83.4 125.0#
51 29.4 23.4 35.2
86 68.9 51.0 76.4



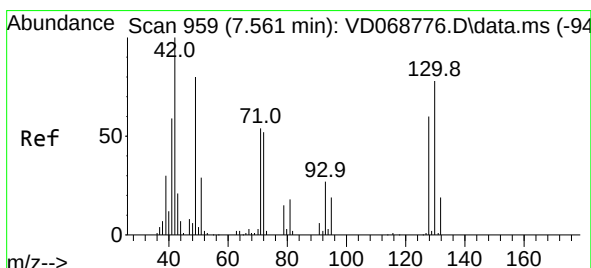
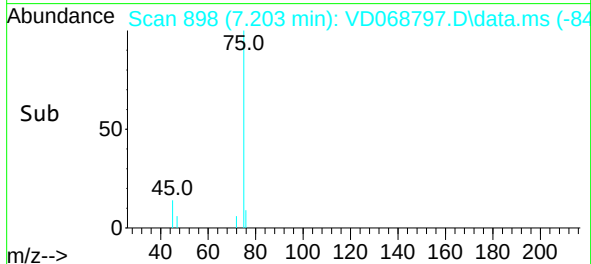
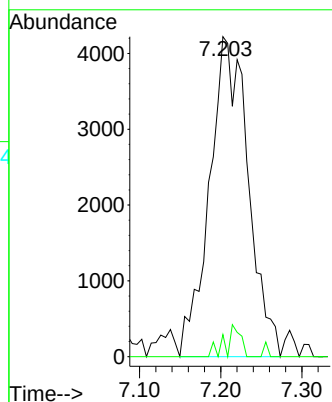


#25
2-Butanone
Concen: 15.30 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.011 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

Instrument :
MSVOA_D
ClientSampled :

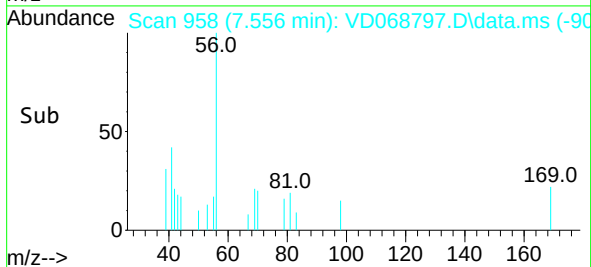
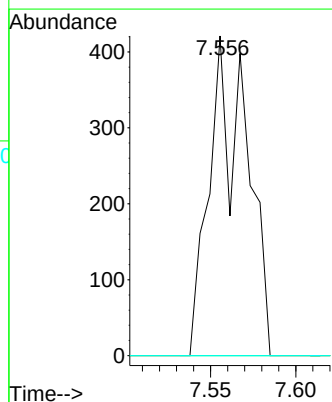
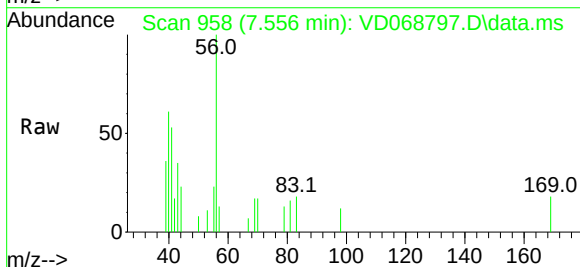


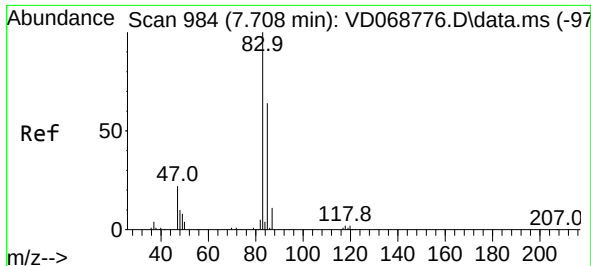
Tgt Ion: 43 Resp: 13989
Ion Ratio Lower Upper
43 100
72 6.9 28.6 43.0#



#29
Tetrahydrofuran
Concen: 1.03 ug/l
RT: 7.556 min Scan# 958
Delta R.T. -0.005 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

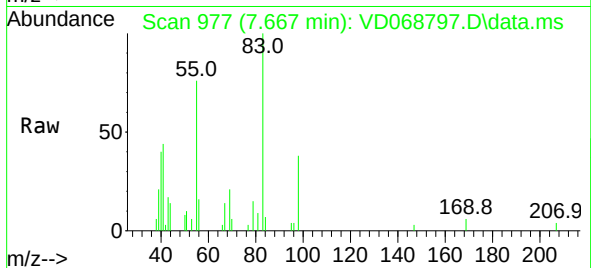
Tgt Ion: 42 Resp: 636
Ion Ratio Lower Upper
42 100
72 0.0 45.2 67.8#
71 0.0 40.8 61.2#



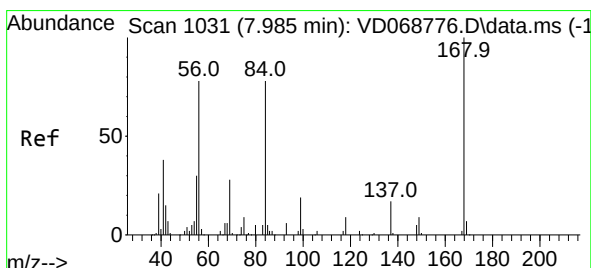
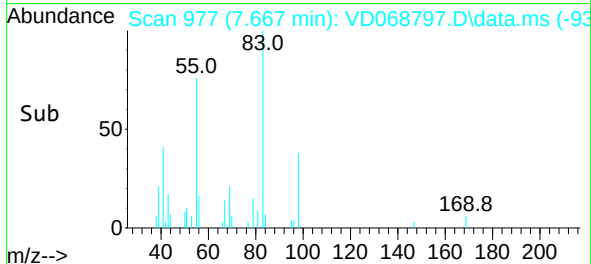
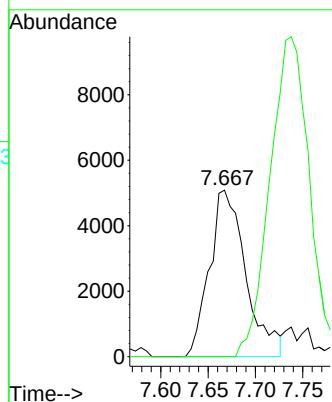


#30
Chloroform
Concen: 1.37 ug/l
RT: 7.667 min Scan# 977
Delta R.T. -0.041 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

Instrument :
MSVOA_D
ClientSampleId :

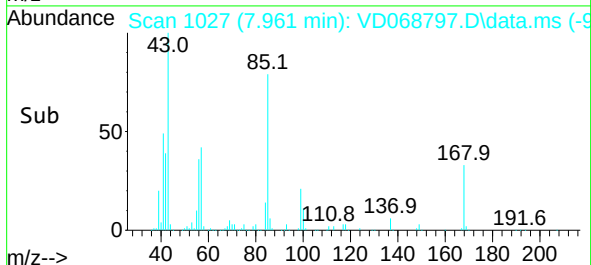
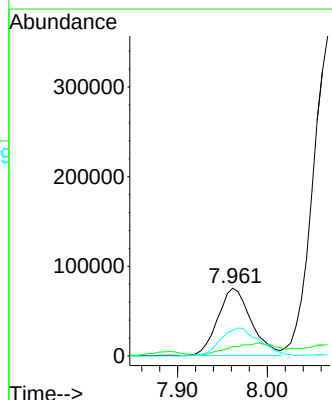
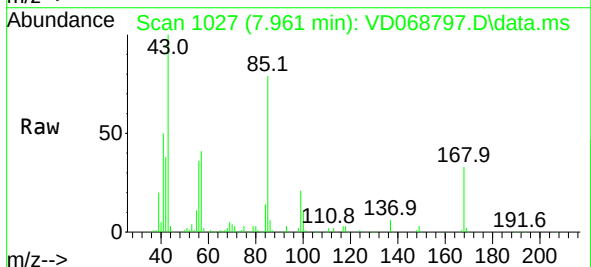


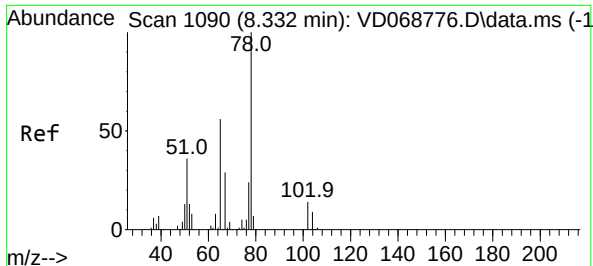
Tgt Ion: 83 Resp: 13593
Ion Ratio Lower Upper
83 100
85 0.0 53.3 79.9#



#31
Cyclohexane
Concen: 25.00 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.024 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

Tgt Ion: 56 Resp: 194104
Ion Ratio Lower Upper
56 100
69 9.8 30.0 45.0#
84 37.8 82.0 123.0#

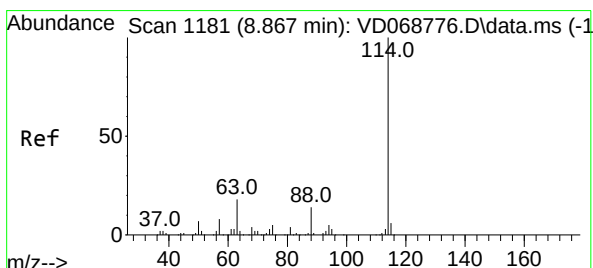
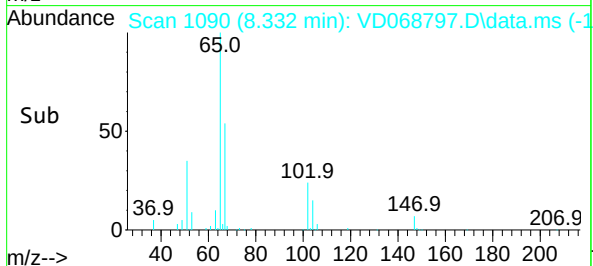
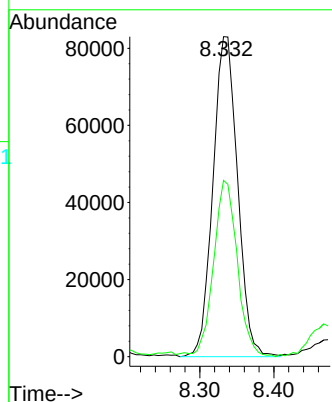
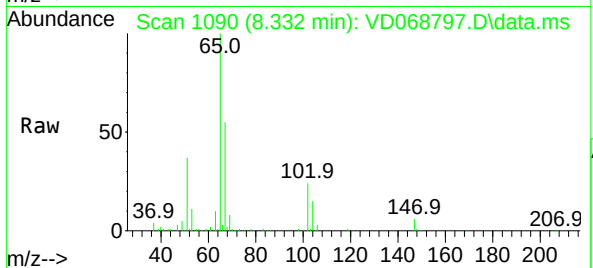




#33
1,2-Dichloroethane-d4
Concen: 41.07 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

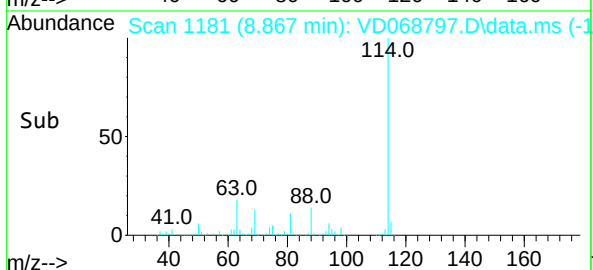
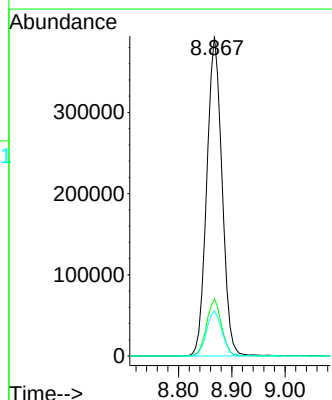
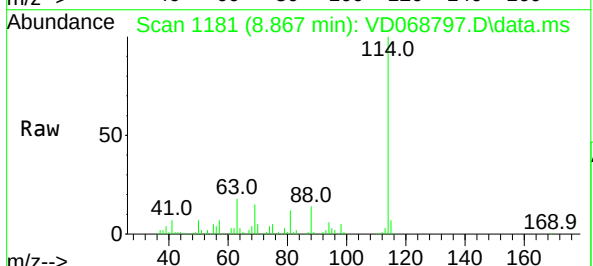
Instrument :
MSVOA_D
ClientSampled :

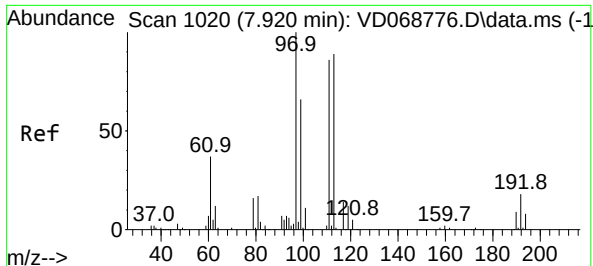
Tgt Ion: 65 Resp: 191588
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

Tgt Ion: 114 Resp: 780433
Ion Ratio Lower Upper
114 100
63 17.9 0.0 38.2
88 14.1 0.0 29.4





#35

Dibromofluoromethane

Concen: 46.17 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068797.D

Acq: 08 Apr 2021 18:55

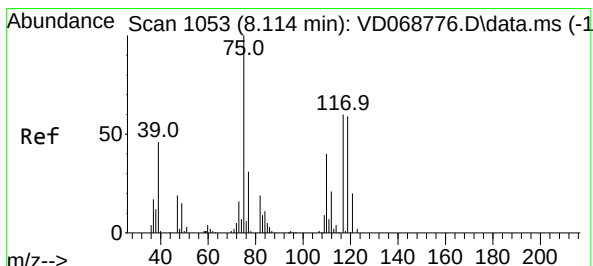
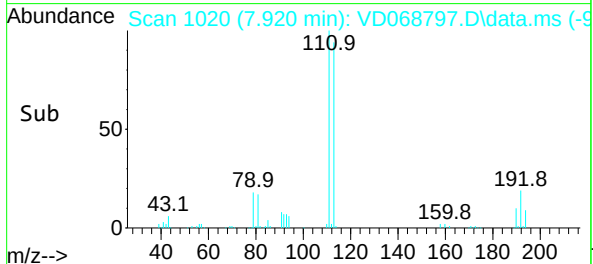
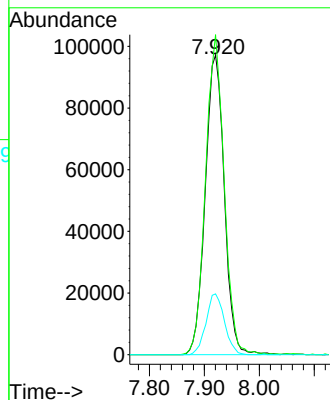
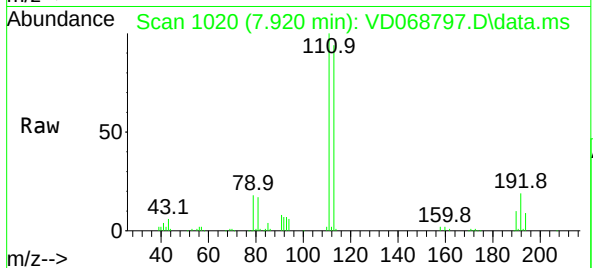
Tgt Ion:113 Resp: 234394

Ion Ratio Lower Upper

113 100

111 104.2 82.5 123.7

192 19.6 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.08 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.129 min

Lab File: VD068797.D

Acq: 08 Apr 2021 18:55

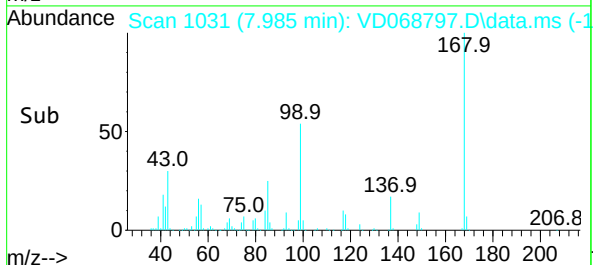
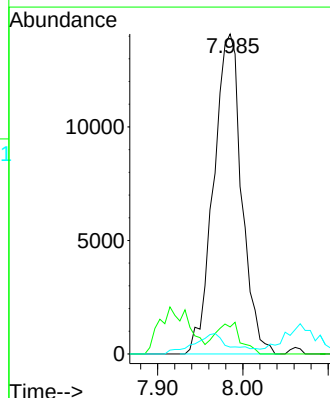
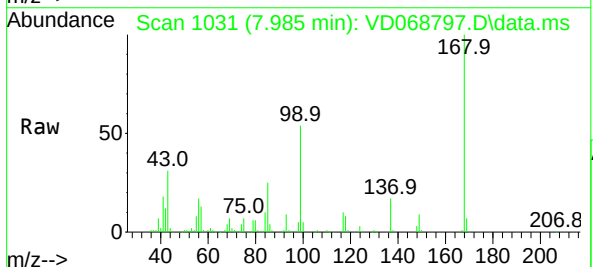
Tgt Ion: 75 Resp: 32215

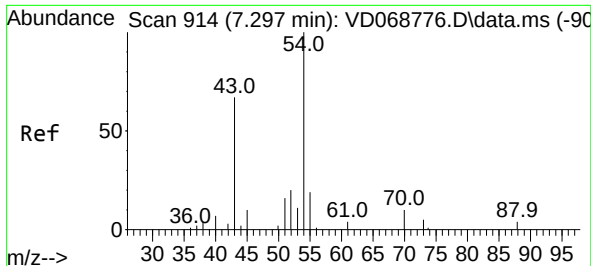
Ion Ratio Lower Upper

75 100

110 8.8 18.1 54.4#

77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 6.03 ug/l

RT: 7.203 min Scan# 898

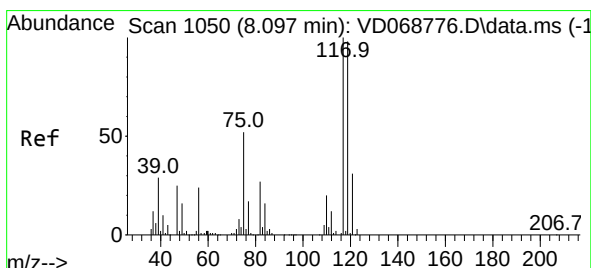
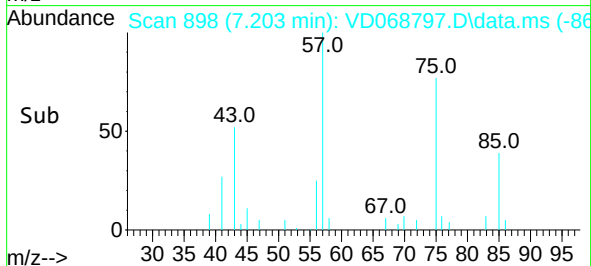
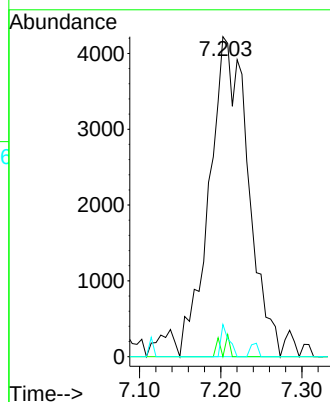
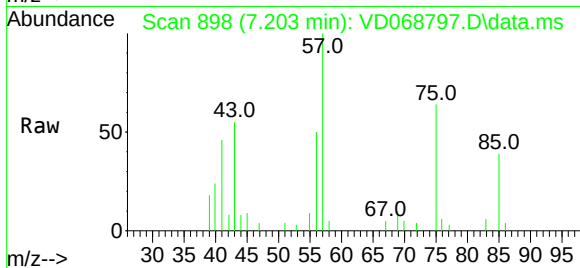
Delta R.T. -0.094 min

Lab File: VD068797.D

Acq: 08 Apr 2021 18:55

Tgt Ion:	43	Resp:	13989
Ion	Ratio	Lower	Upper
43	100		
61	0.6	14.2	21.4#
70	2.1	9.4	14.0#

Instrument :
MSVOA_D
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.41 ug/l

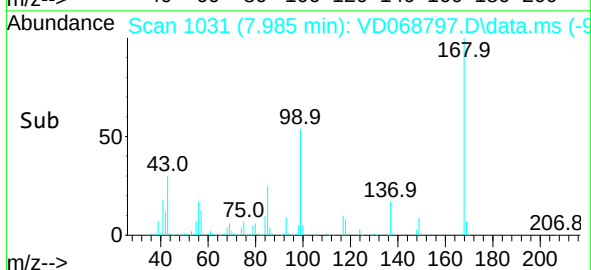
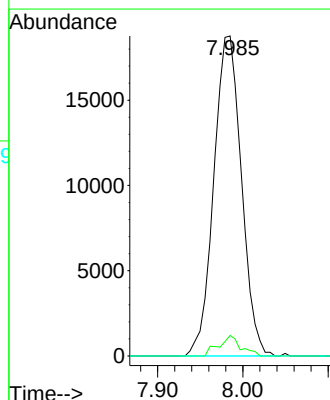
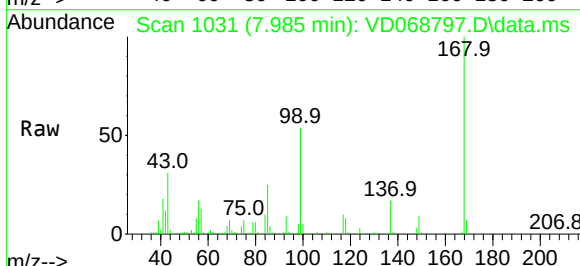
RT: 7.985 min Scan# 1031

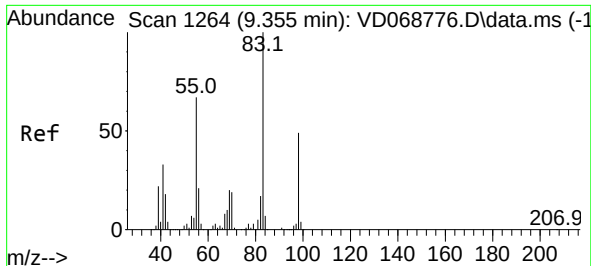
Delta R.T. -0.112 min

Lab File: VD068797.D

Acq: 08 Apr 2021 18:55

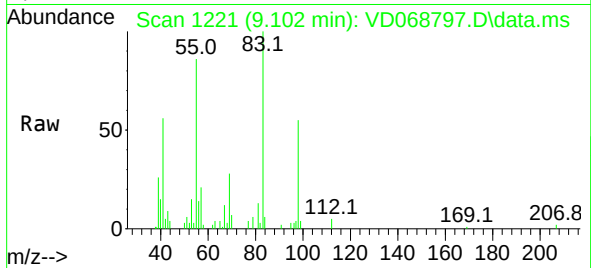
Tgt Ion:	117	Resp:	42289
Ion	Ratio	Lower	Upper
117	100		
119	6.4	76.6	115.0#
121	0.0	26.1	39.1#



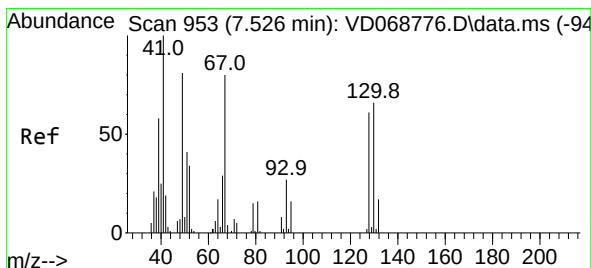
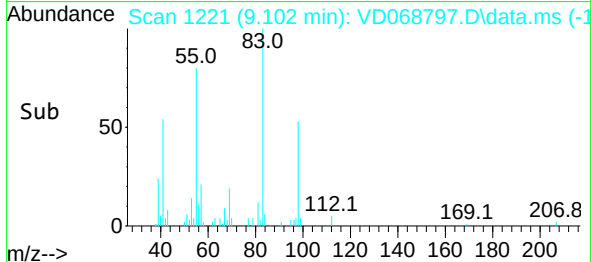
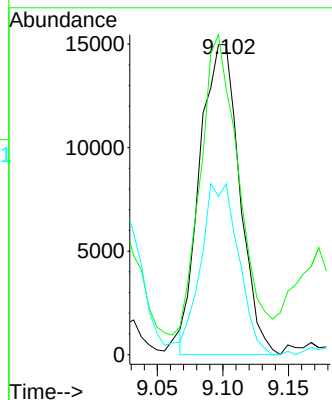


#39
Methylcyclohexane
Concen: 3.42 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. -0.253 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

Instrument :
MSVOA_D
ClientSampleId :

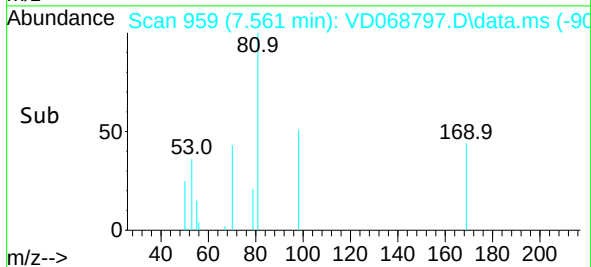
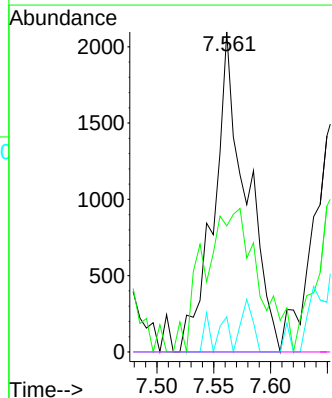
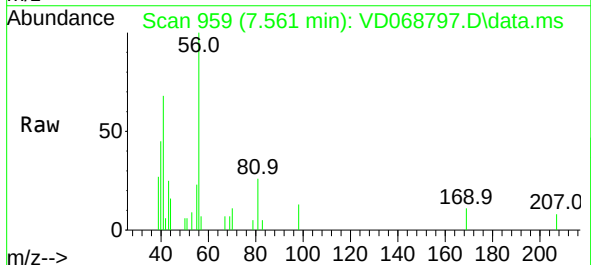


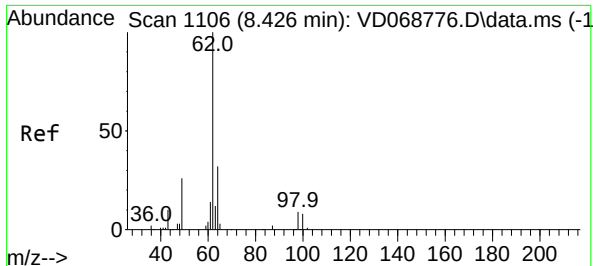
Tgt Ion: 83	Resp: 31478
Ion Ratio	Lower Upper
83 100	
55 76.9	51.7 77.5
98 55.1	38.8 58.2



#41
Methacrylonitrile
Concen: 3.03 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.035 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

Tgt Ion: 41	Resp: 4161
Ion Ratio	Lower Upper
41 100	
39 0.0	43.2 64.8#
67 3.4	63.9 95.9#
52 0.0	26.2 39.4#





#42

1,2-Dichloroethane

Concen: 1.34 ug/l

RT: 8.514 min Scan# 1121

Delta R.T. 0.088 min

Lab File: VD068797.D

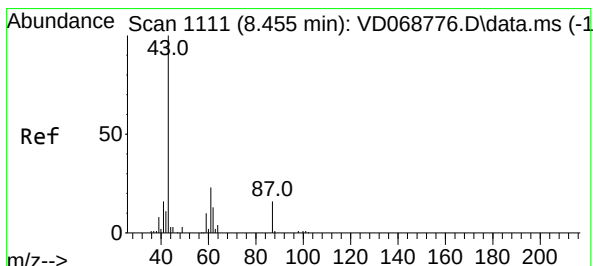
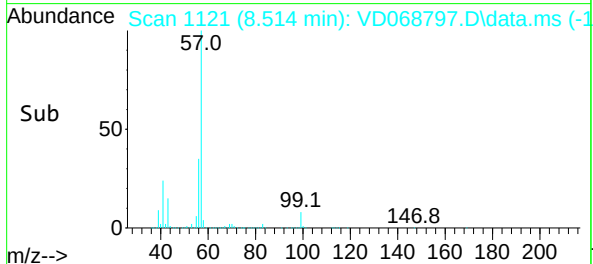
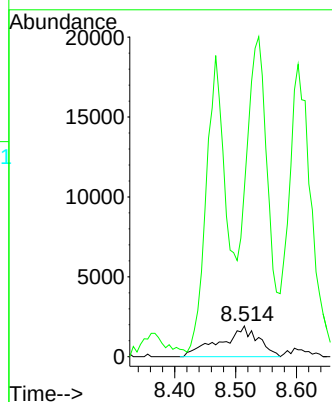
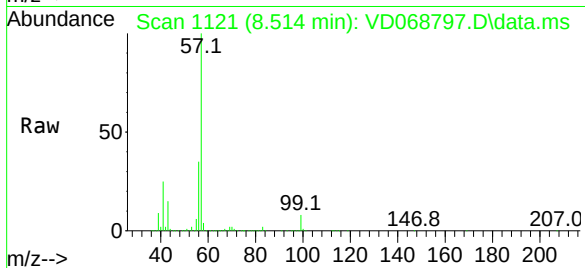
Acq: 08 Apr 2021 18:55

Tgt Ion: 62 Resp: 8202

Ion Ratio Lower Upper

62 100

98 0.0 0.0 22.6



#43

Isopropyl Acetate

Concen: 35.72 ug/l

RT: 8.450 min Scan# 1110

Delta R.T. -0.005 min

Lab File: VD068797.D

Acq: 08 Apr 2021 18:55

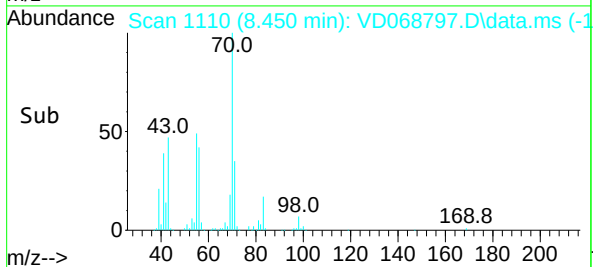
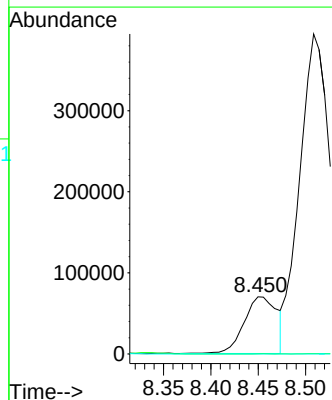
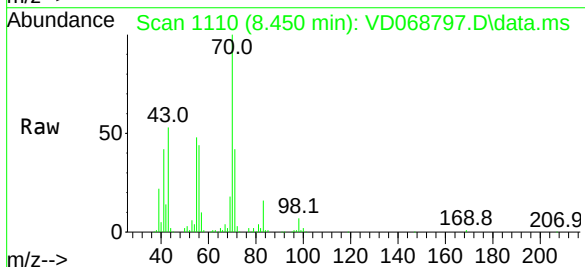
Tgt Ion: 43 Resp: 168951

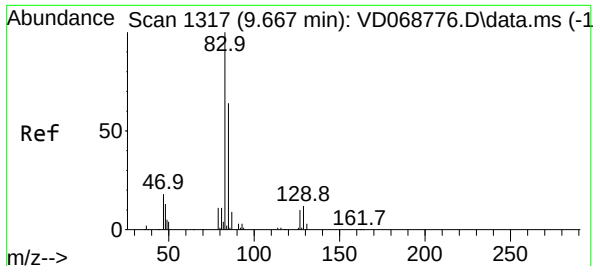
Ion Ratio Lower Upper

43 100

61 0.2 29.5 44.3#

87 0.0 13.5 20.3#

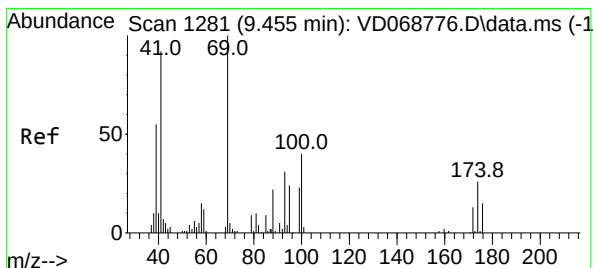
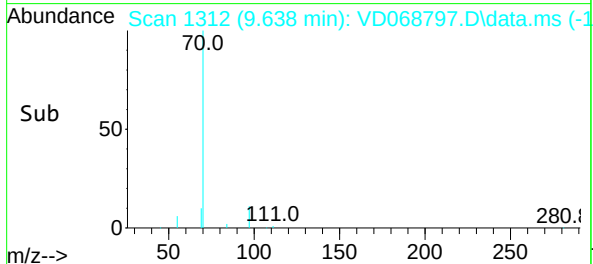
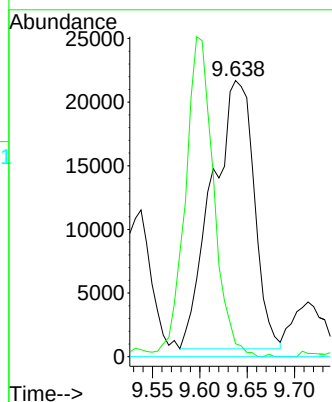
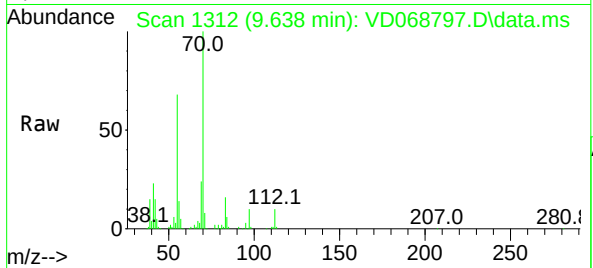




#47
Bromodichloromethane
Concen: 8.10 ug/l
RT: 9.638 min Scan# 1312
Delta R.T. -0.029 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

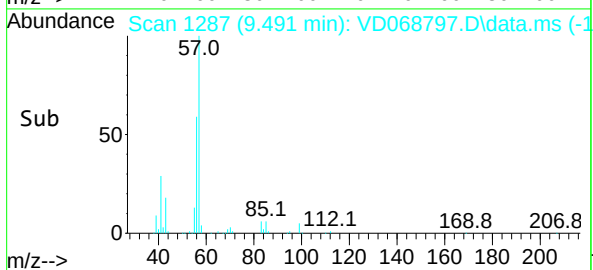
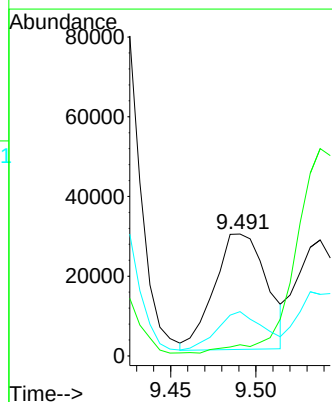
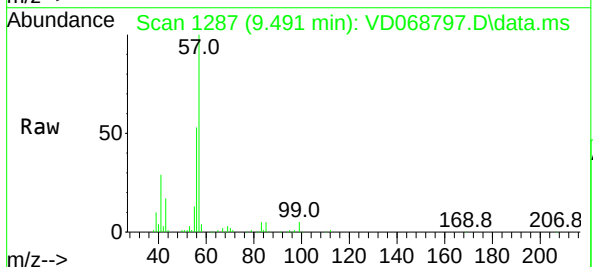
Instrument :
MSVOA_D
ClientSampled :

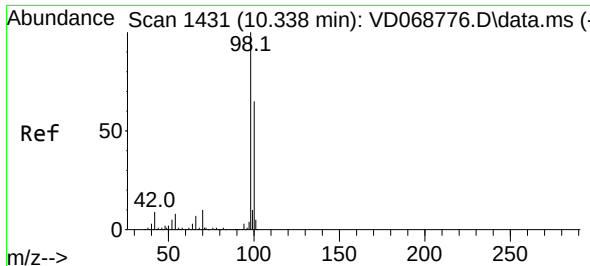
Tgt Ion: 83 Resp: 65047
Ion Ratio Lower Upper
83 100
85 4.8 51.0 76.6#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 26.64 ug/l
RT: 9.491 min Scan# 1287
Delta R.T. 0.036 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

Tgt Ion: 41 Resp: 62105
Ion Ratio Lower Upper
41 100
69 0.0 83.0 124.6#
39 31.5 47.0 70.6#

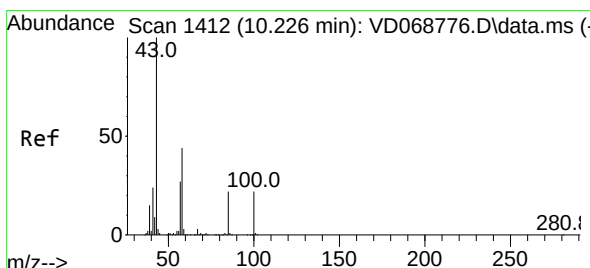
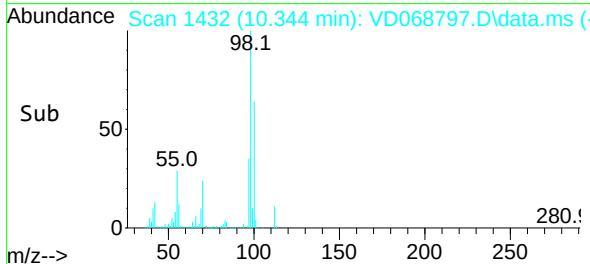
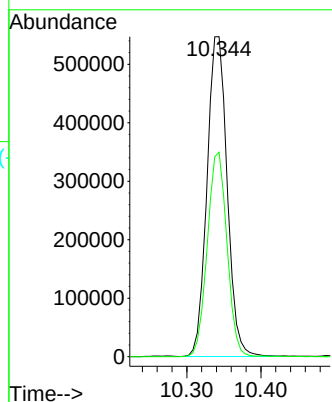
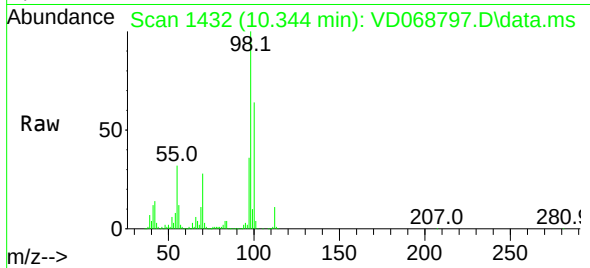




#50
Toluene-d8
Concen: 54.03 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

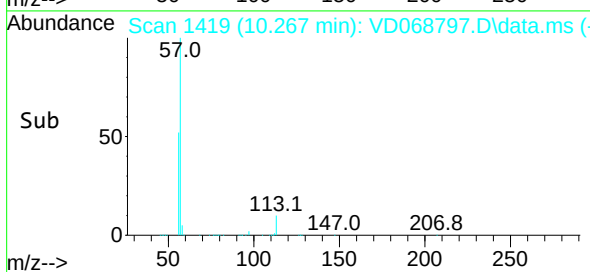
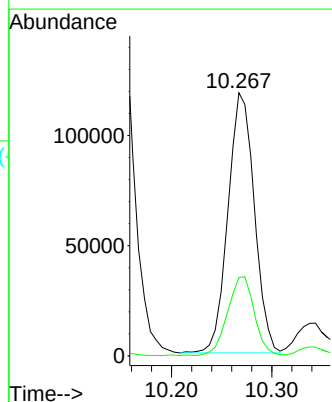
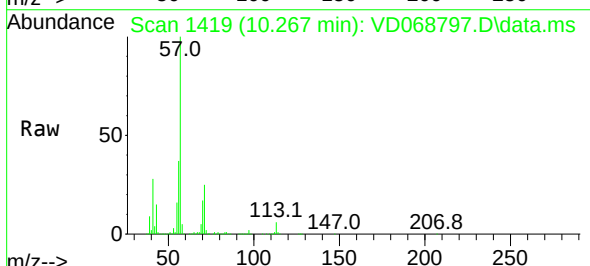
Instrument :
MSVOA_D
ClientSampled :

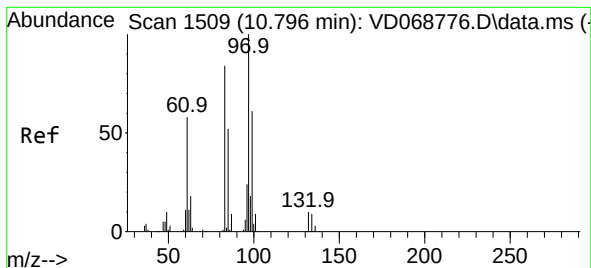
Tgt Ion: 98 Resp: 1034686
Ion Ratio Lower Upper
98 100
100 62.4 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 90.40 ug/l
RT: 10.267 min Scan# 1419
Delta R.T. 0.041 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

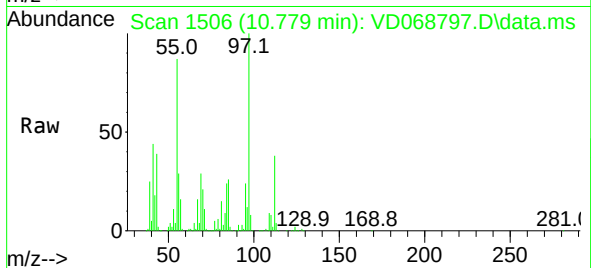
Tgt Ion: 43 Resp: 215517
Ion Ratio Lower Upper
43 100
58 30.5 37.3 55.9#



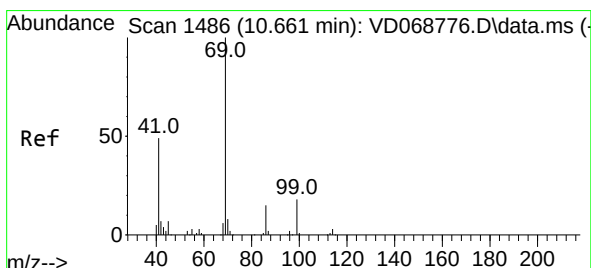
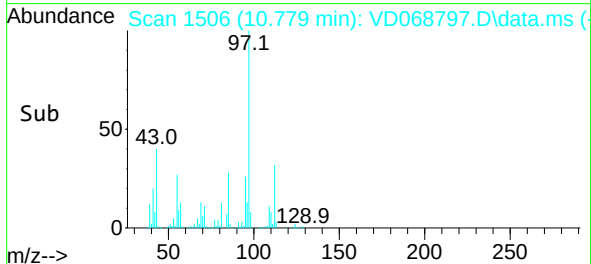
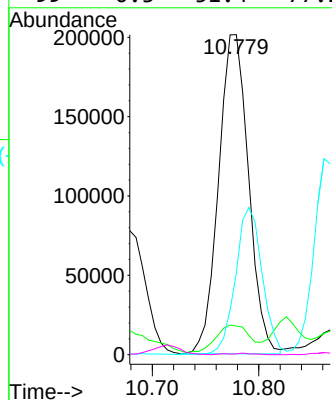


#55
1,1,2-Trichloroethane
Concen: 90.41 ug/l
RT: 10.779 min Scan# 1506
Delta R.T. -0.017 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

Instrument :
MSVOA_D
ClientSampleId :

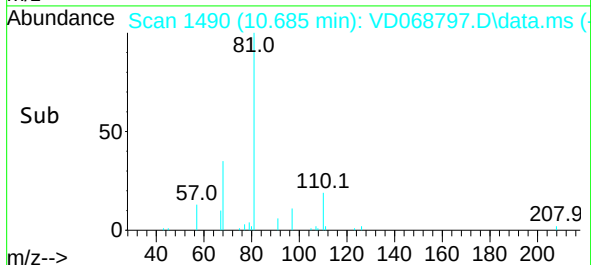
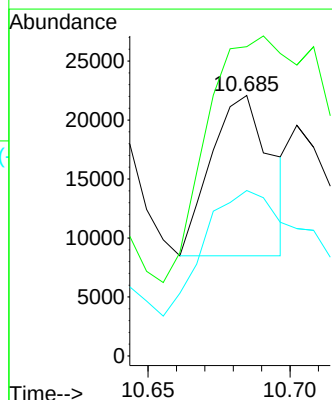
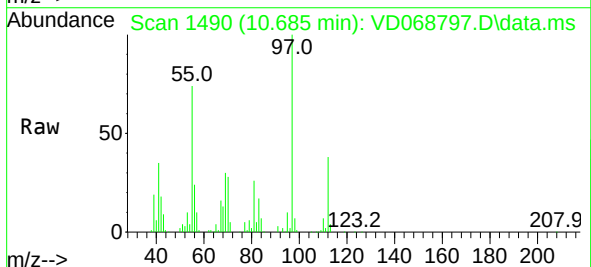


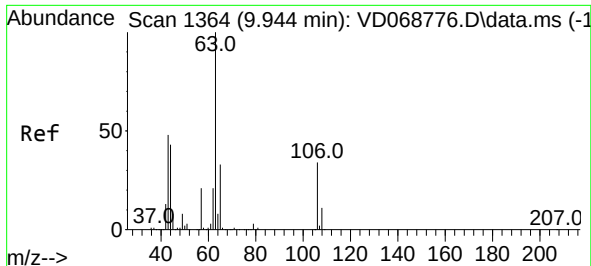
Tgt Ion: 97 Resp: 393216
Ion Ratio Lower Upper
97 100
83 7.7 65.7 98.5#
85 25.6 44.3 66.5#
99 0.3 51.4 77.2#



#56
Ethyl methacrylate
Concen: 4.47 ug/l
RT: 10.685 min Scan# 1490
Delta R.T. 0.024 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

Tgt Ion: 69 Resp: 19997
Ion Ratio Lower Upper
69 100
41 361.9 42.2 63.4#
39 155.6 24.2 36.2#

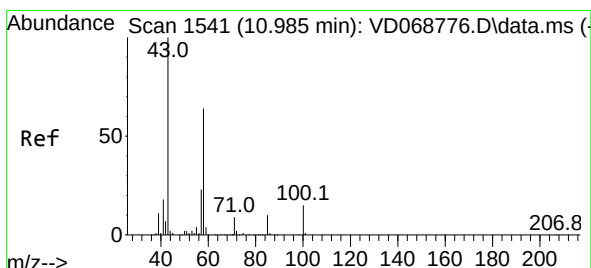
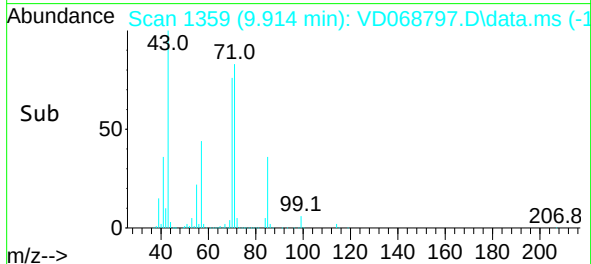
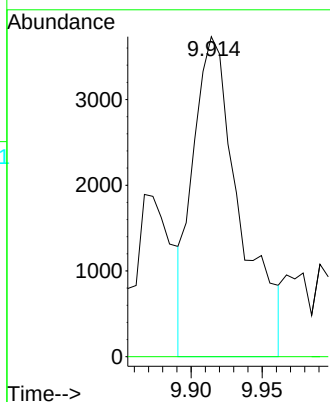
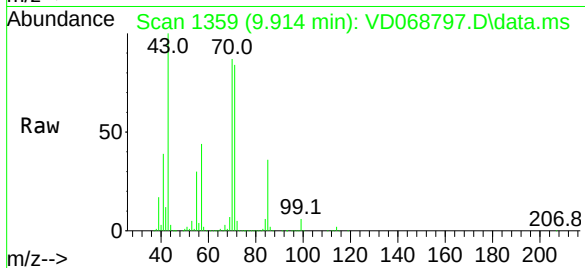




#58
2-Chloroethyl Vinyl ether
Concen: 20.33 ug/l
RT: 9.914 min Scan# 1359
Delta R.T. -0.030 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

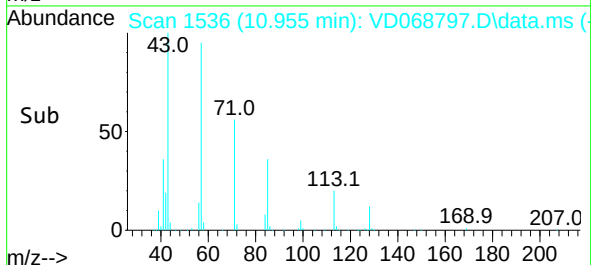
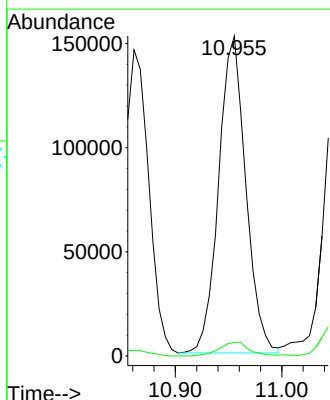
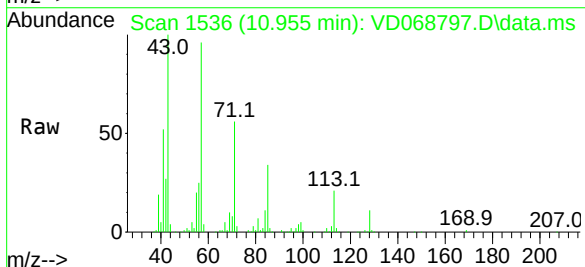
Instrument :
MSVOA_D
ClientSampled :

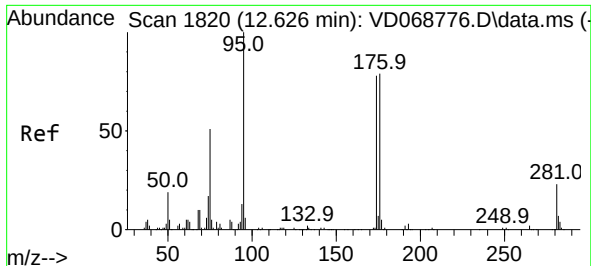
Tgt Ion: 63 Resp: 8536
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#59
2-Hexanone
Concen: 168.75 ug/l
RT: 10.955 min Scan# 1536
Delta R.T. -0.030 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

Tgt Ion: 43 Resp: 269199
Ion Ratio Lower Upper
43 100
58 4.9 31.3 93.8#

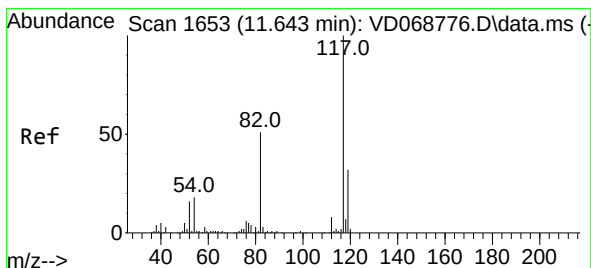
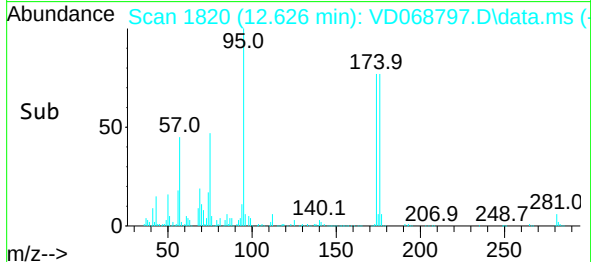
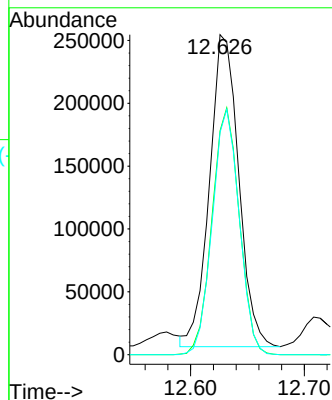
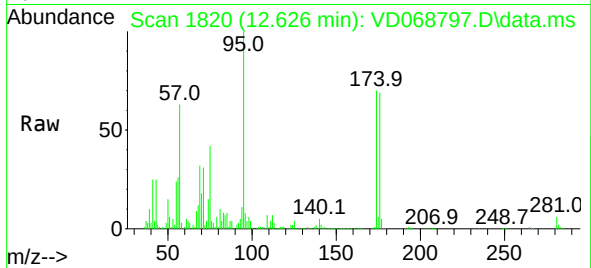




#62
4-Bromofluorobenzene
Concen: 69.68 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

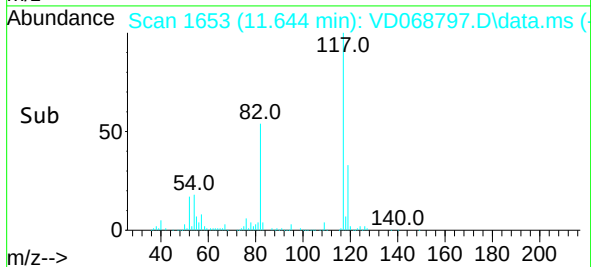
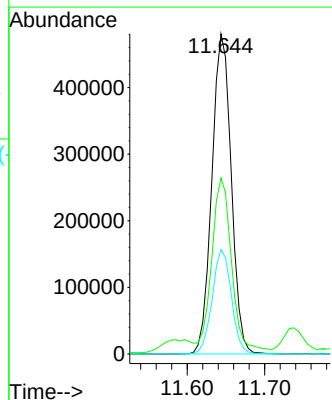
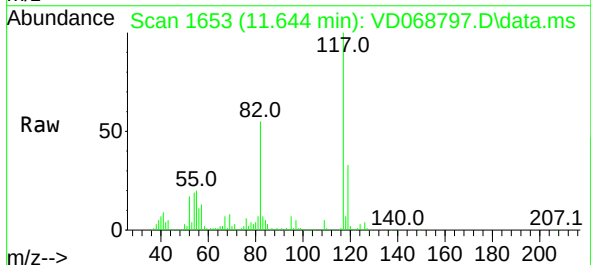
Instrument :
MSVOA_D
ClientSampleId :

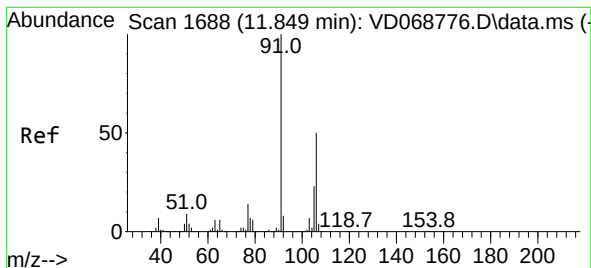
Tgt Ion: 95 Resp: 443158
Ion Ratio Lower Upper
95 100
174 73.8 0.0 168.0
176 72.5 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

Tgt Ion:117 Resp: 836066
Ion Ratio Lower Upper
117 100
82 51.6 43.5 65.3
119 32.7 26.7 40.1

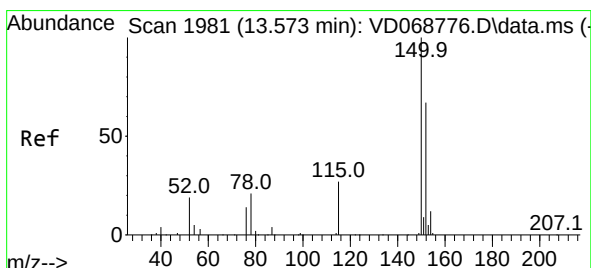
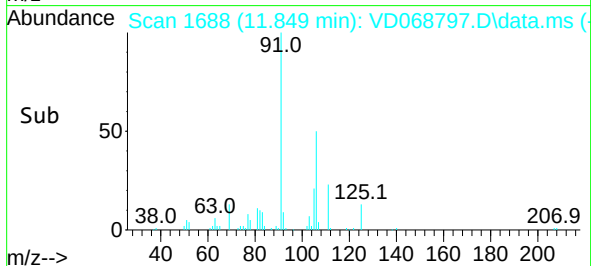
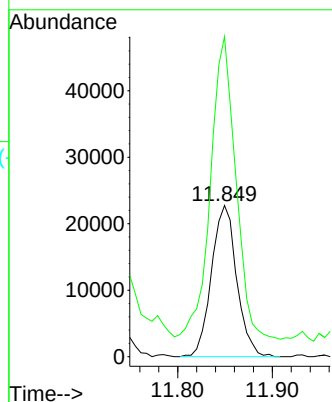
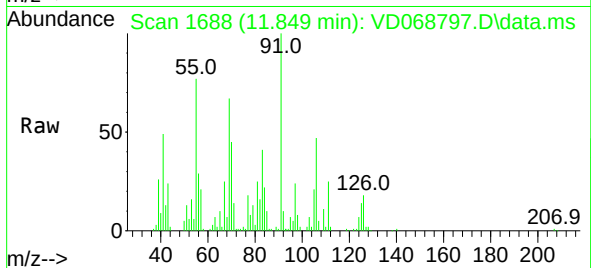




#68
m/p-Xylenes
Concen: 3.48 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

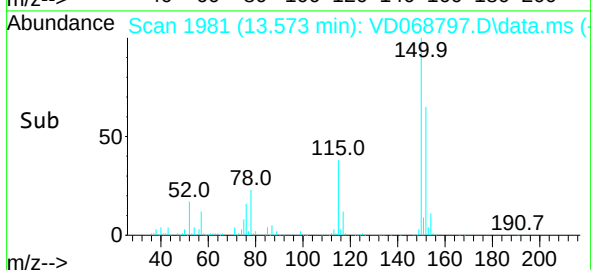
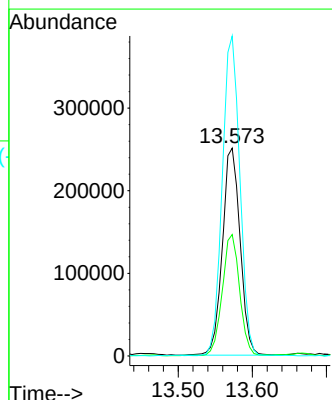
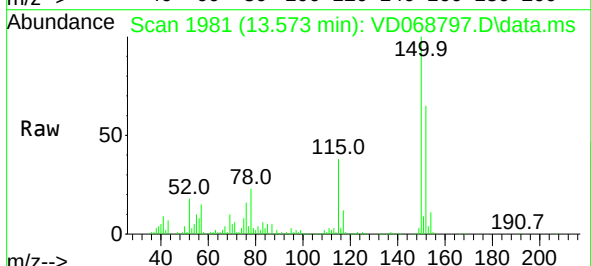
Instrument :
MSVOA_D
ClientSampled :

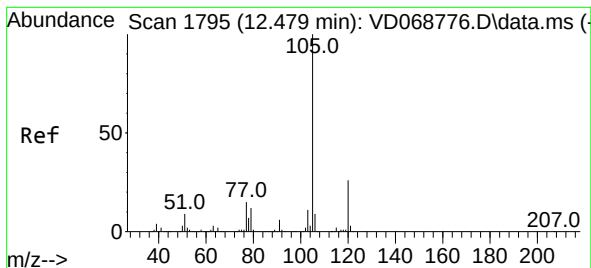
Tgt Ion:106 Resp: 42025
Ion Ratio Lower Upper
106 100
91 203.6 158.6 238.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

Tgt Ion:152 Resp: 415643
Ion Ratio Lower Upper
152 100
115 57.6 29.3 87.8
150 152.9 0.0 347.6





#73

Isopropylbenzene

Concen: 7.42 ug/l

RT: 12.479 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VD068797.D

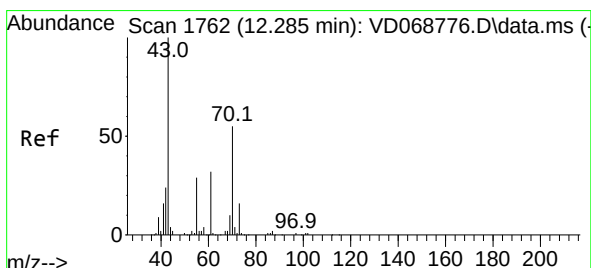
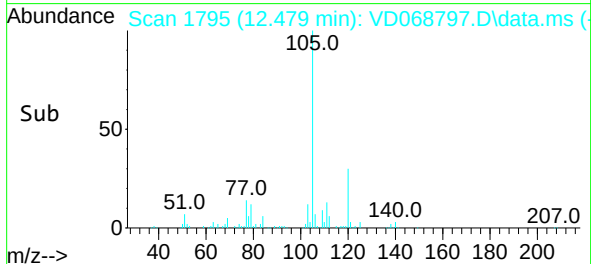
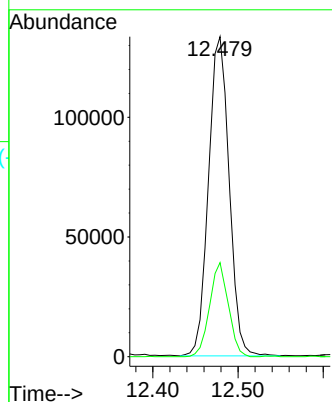
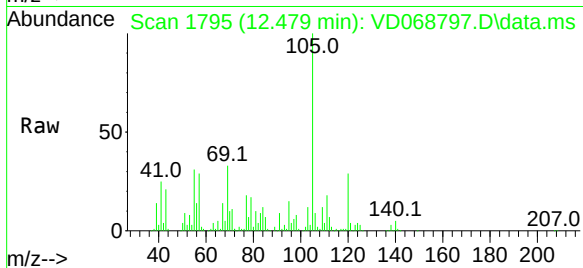
Acq: 08 Apr 2021 18:55

Tgt Ion:105 Resp: 225063

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 43.62 ug/l

RT: 12.267 min Scan# 1759

Delta R.T. -0.018 min

Lab File: VD068797.D

Acq: 08 Apr 2021 18:55

Tgt Ion: 43 Resp: 224502

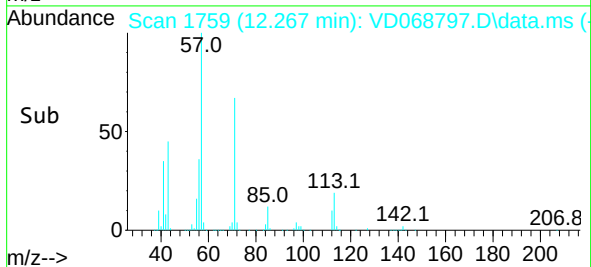
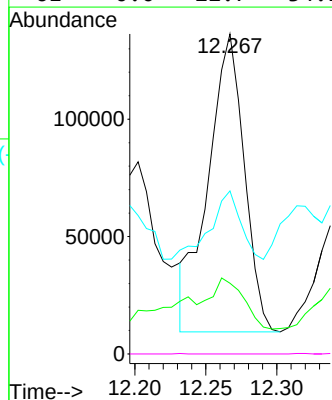
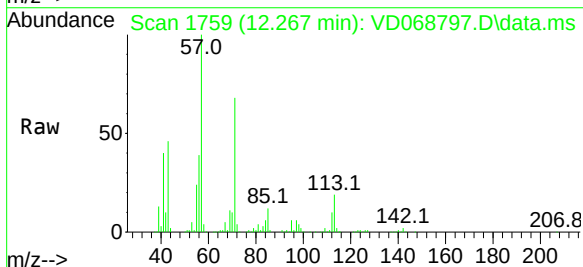
Ion Ratio Lower Upper

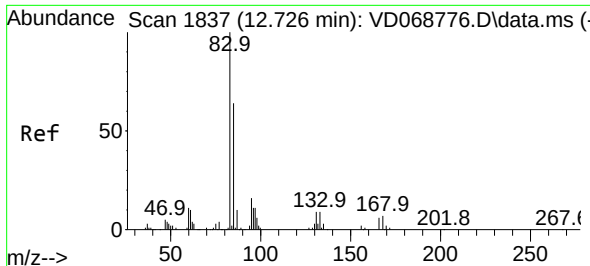
43 100

70 15.8 41.9 62.9#

55 19.3 22.8 34.2#

61 0.0 22.7 34.1#

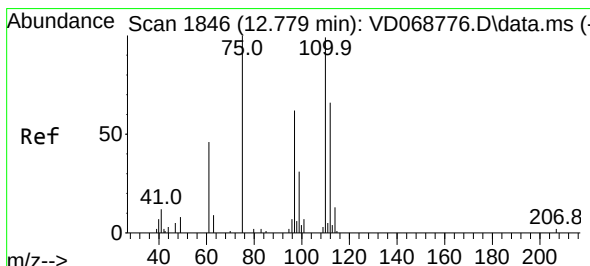
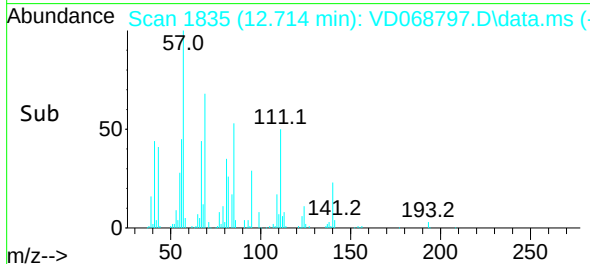
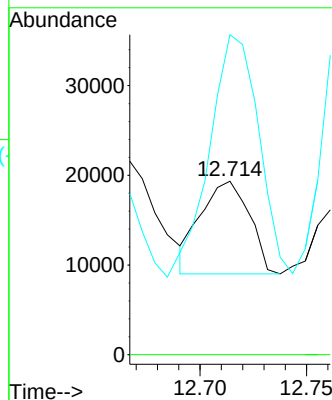
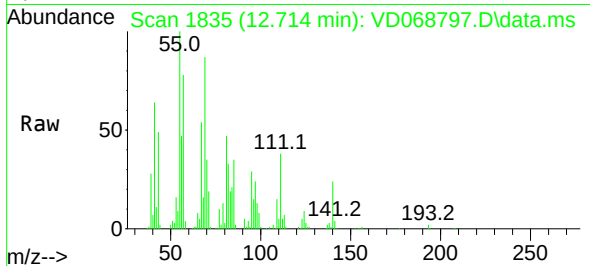




#75
1,1,2,2-Tetrachloroethane
Concen: 2.90 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.012 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

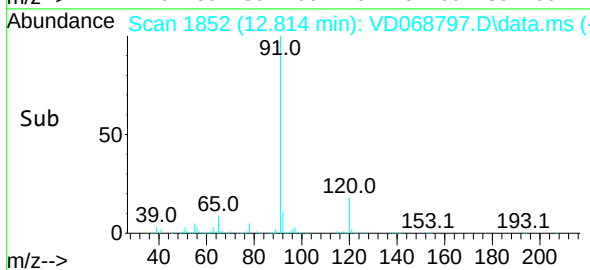
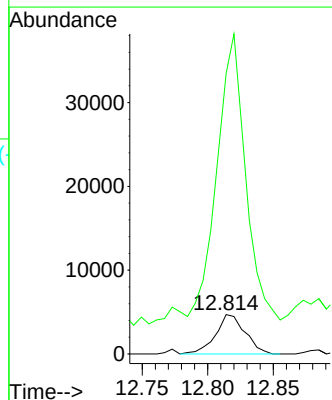
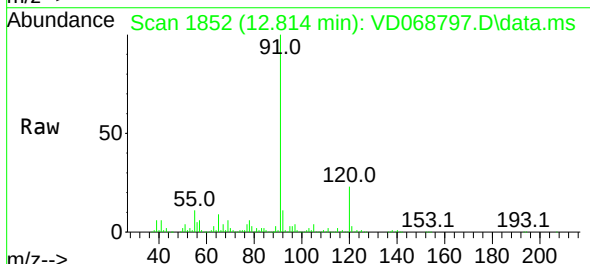
Instrument :
MSVOA_D
ClientSampleId :

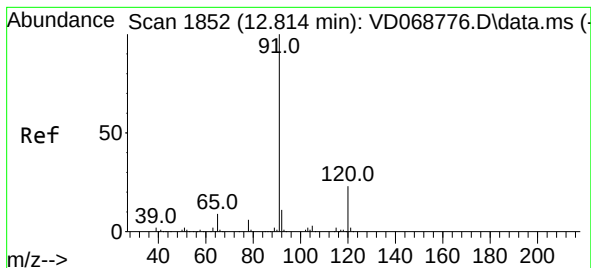
Tgt Ion: 83 Resp: 16452
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.3#
85 370.8 32.0 96.0#



#76
1,2,3-Trichloropropane
Concen: 1.94 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.035 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

Tgt Ion: 75 Resp: 7355
Ion Ratio Lower Upper
75 100
77 751.4 0.0 0.0#





#78

n-propylbenzene

Concen: 34.46 ug/l

RT: 12.820 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VD068797.D

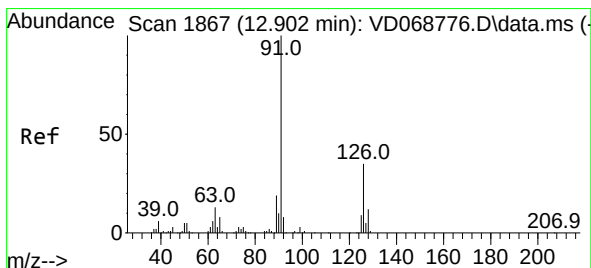
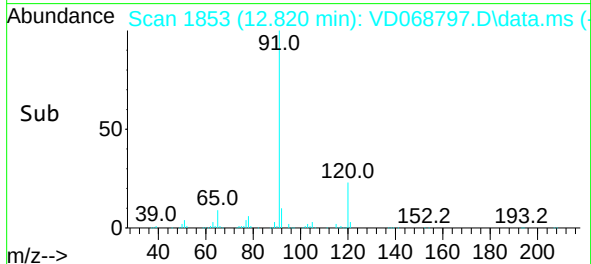
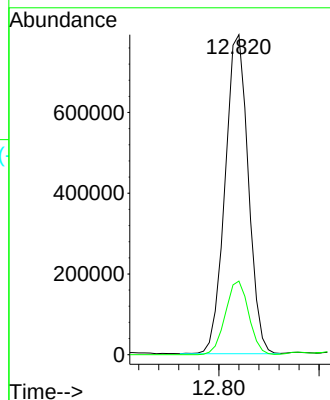
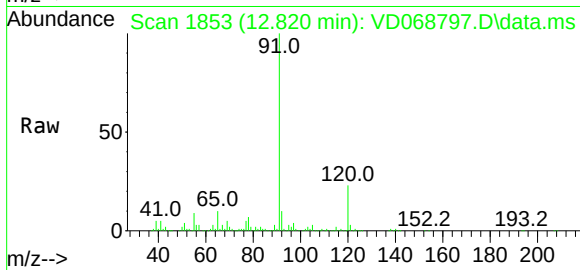
Acq: 08 Apr 2021 18:55

Tgt Ion: 91 Resp: 1270135

Ion Ratio Lower Upper

91 100

120 23.3 11.4 34.2



#79

2-Chlorotoluene

Concen: 61.68 ug/l

RT: 12.820 min Scan# 1853

Delta R.T. -0.082 min

Lab File: VD068797.D

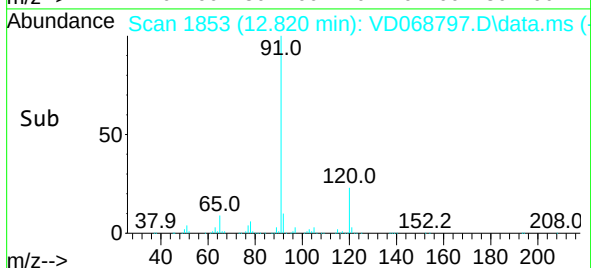
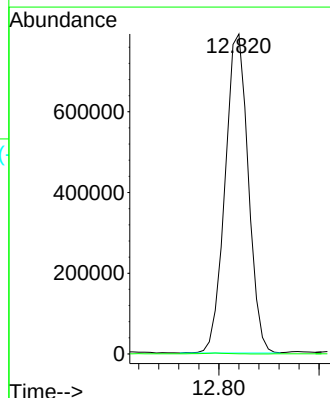
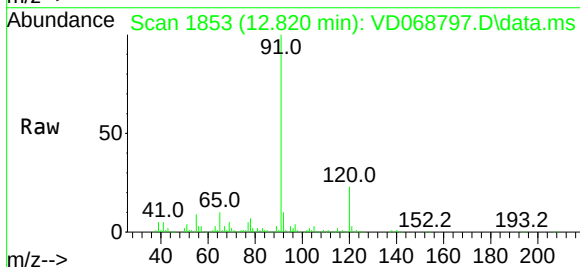
Acq: 08 Apr 2021 18:55

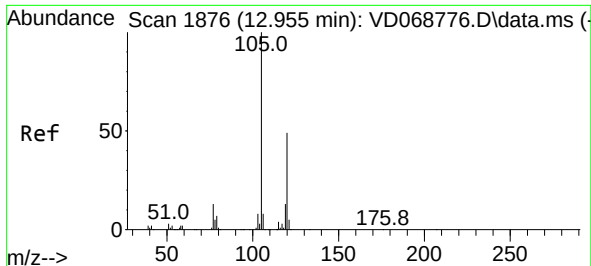
Tgt Ion: 91 Resp: 1270135

Ion Ratio Lower Upper

91 100

126 0.0 17.1 51.3#

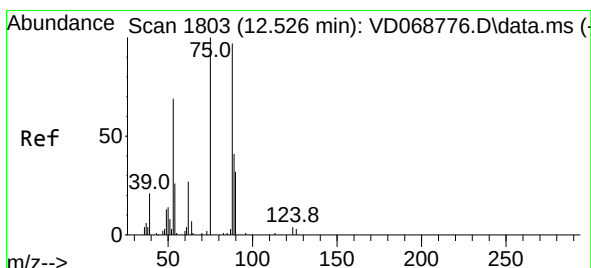
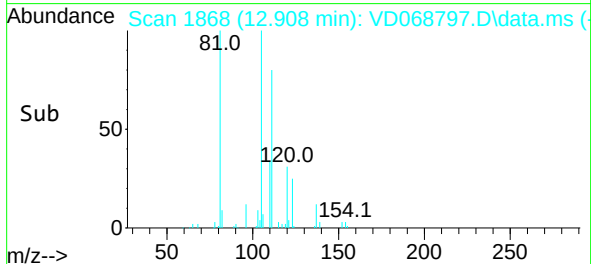
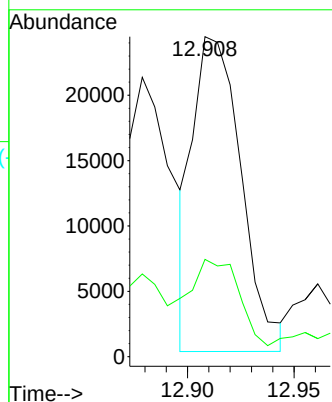
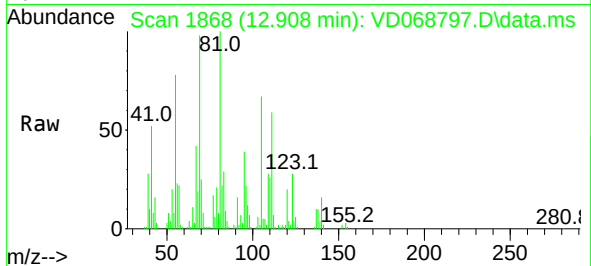




#80
1,3,5-Trimethylbenzene
Concen: 1.49 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. -0.047 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

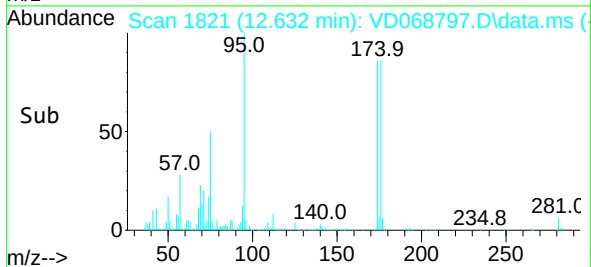
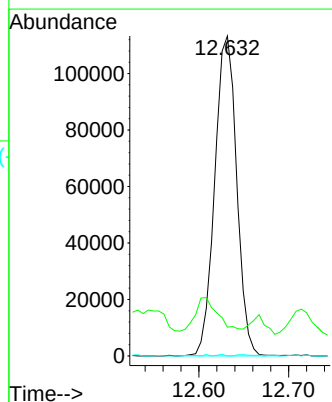
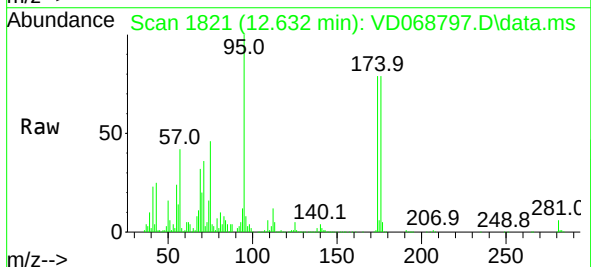
Instrument :
MSVOA_D
ClientSampleId :

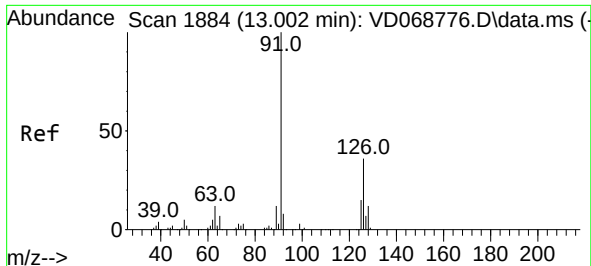
Tgt Ion:105 Resp: 37807
Ion Ratio Lower Upper
105 100
120 29.7 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 117.61 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

Tgt Ion: 75 Resp: 192436
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#

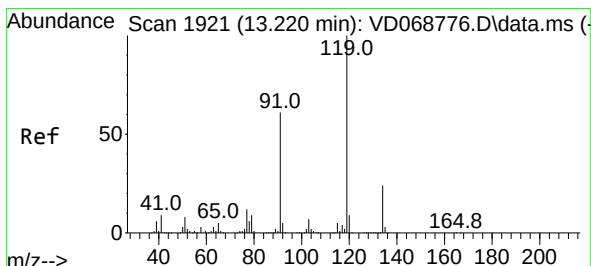
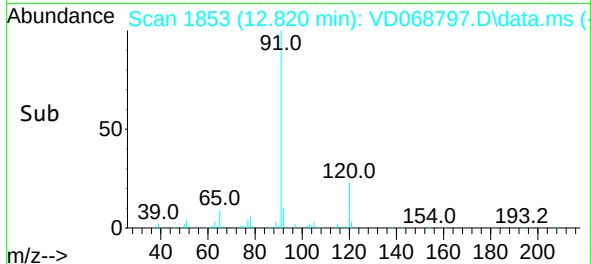
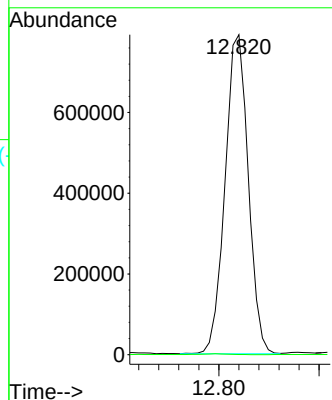
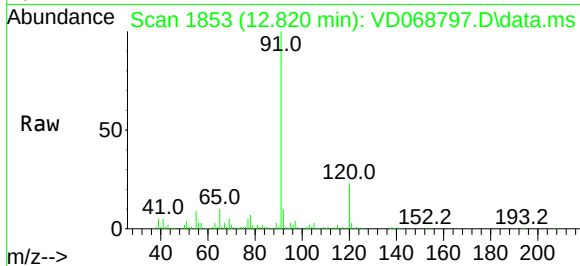




#82
4-Chlorotoluene
Concen: 58.19 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. -0.182 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

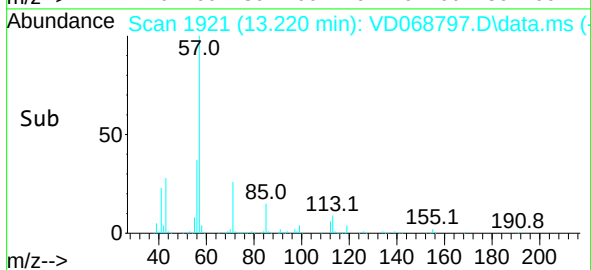
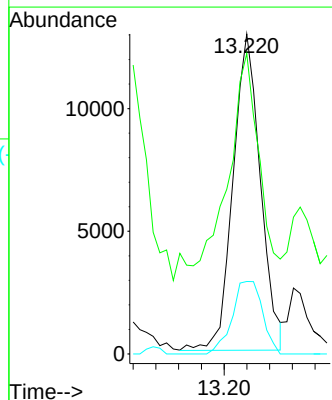
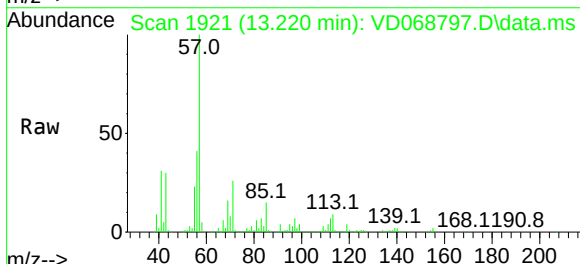
Instrument :
MSVOA_D
ClientSampled :

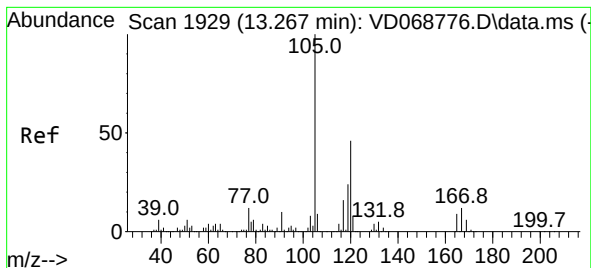
Tgt Ion: 91 Resp: 1270135
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.5#



#83
tert-Butylbenzene
Concen: 1.00 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. -0.000 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

Tgt Ion: 119 Resp: 21577
Ion Ratio Lower Upper
119 100
91 84.1 31.6 95.0
134 0.0 13.4 40.2#





#84

1,2,4-Trimethylbenzene

Concen: 1.06 ug/l

RT: 13.261 min Scan# 1928

Delta R.T. -0.006 min

Lab File: VD068797.D

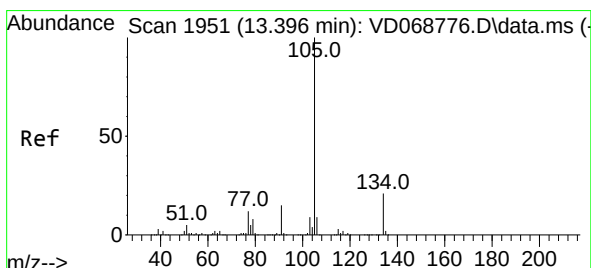
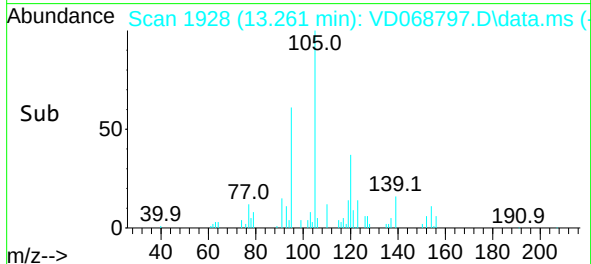
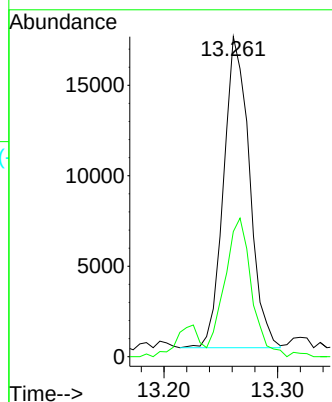
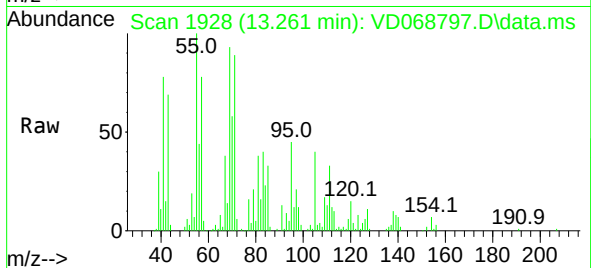
Acq: 08 Apr 2021 18:55

Tgt Ion:105 Resp: 27159

Ion Ratio Lower Upper

105 100

120 46.1 22.6 67.7



#85

sec-Butylbenzene

Concen: 18.24 ug/l

RT: 13.396 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VD068797.D

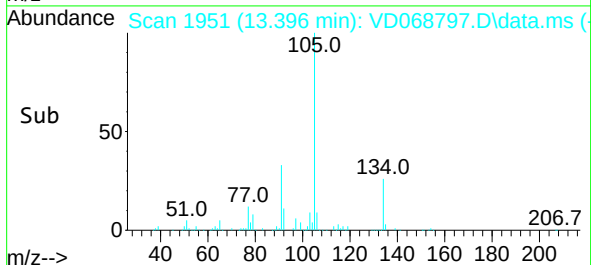
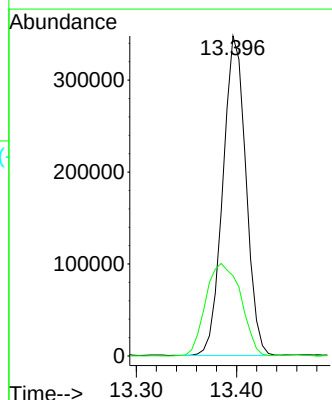
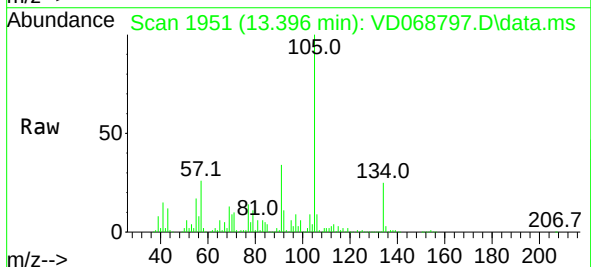
Acq: 08 Apr 2021 18:55

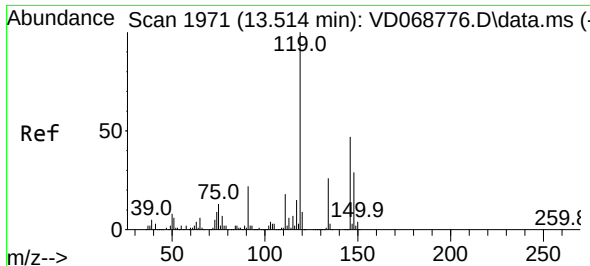
Tgt Ion:105 Resp: 553978

Ion Ratio Lower Upper

105 100

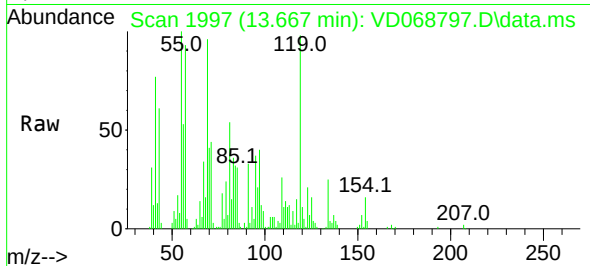
134 44.3 10.0 29.8#



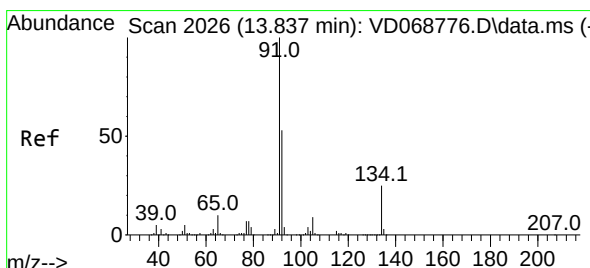
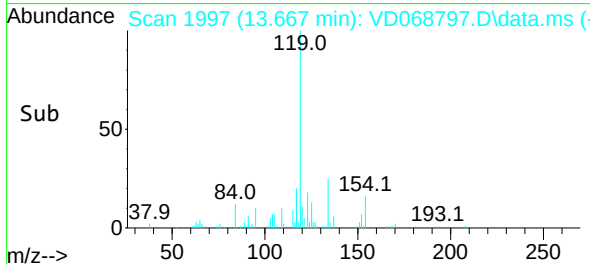
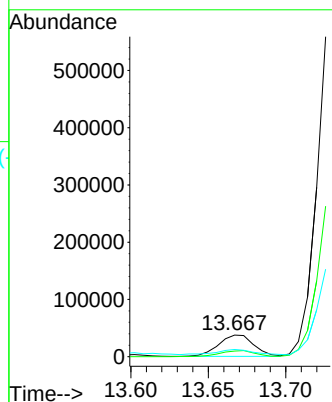


#86
p-Isopropyltoluene
Concen: 2.14 ug/l
RT: 13.667 min Scan# 1997
Delta R.T. 0.153 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

Instrument :
MSVOA_D
ClientSampled :

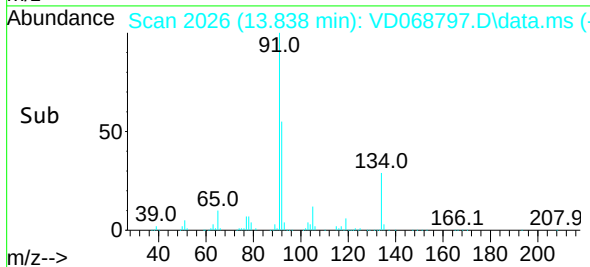
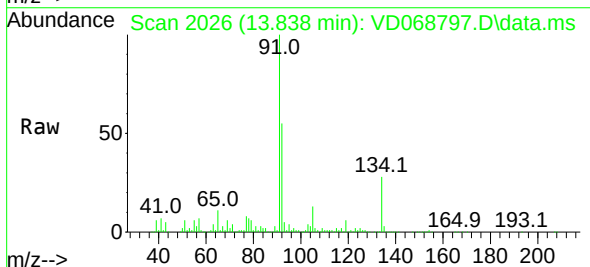
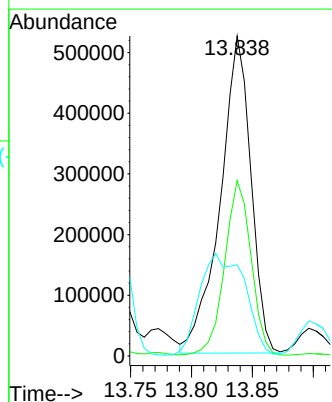


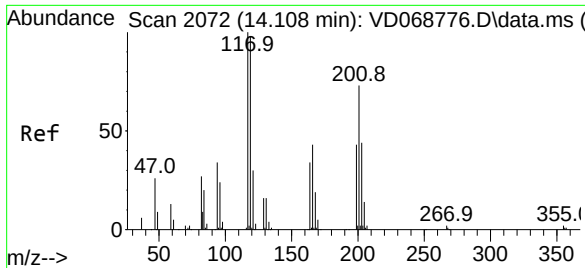
Tgt Ion:119 Resp: 59322
Ion Ratio Lower Upper
119 100
134 0.0 13.3 39.9#
91 0.0 11.1 33.1#



#89
n-Butylbenzene
Concen: 35.06 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. 0.001 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

Tgt Ion: 91 Resp: 916301
Ion Ratio Lower Upper
91 100
92 47.5 26.7 80.1
134 47.4 12.9 38.6#

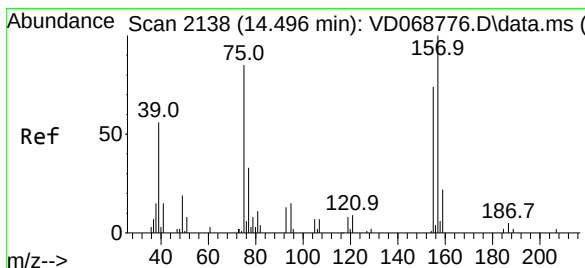
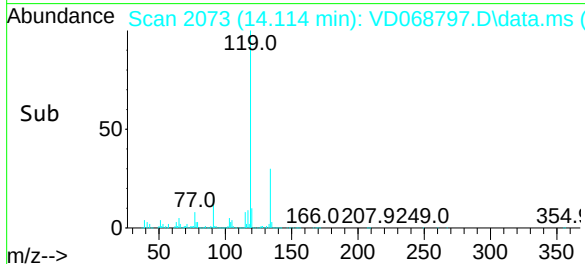
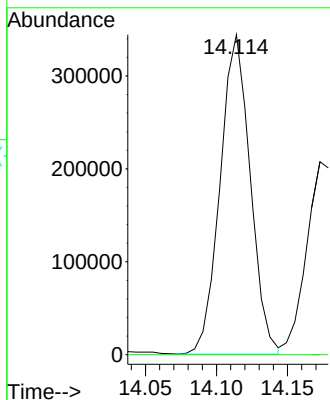
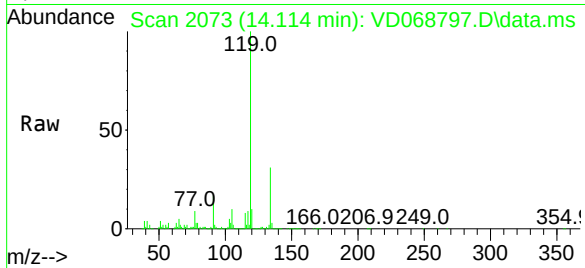




#90
Hexachloroethane
Concen: 91.65 ug/l
RT: 14.114 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

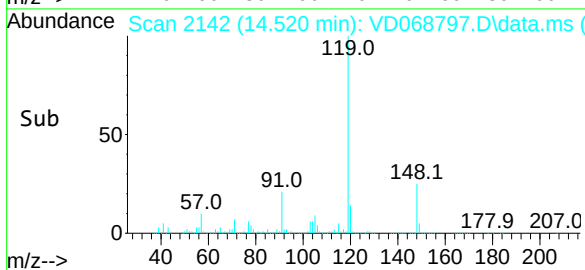
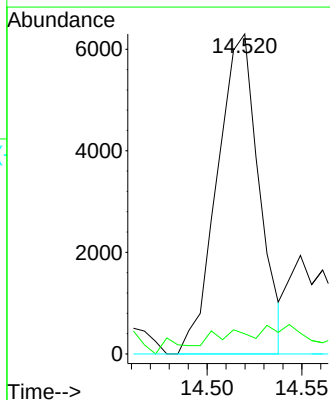
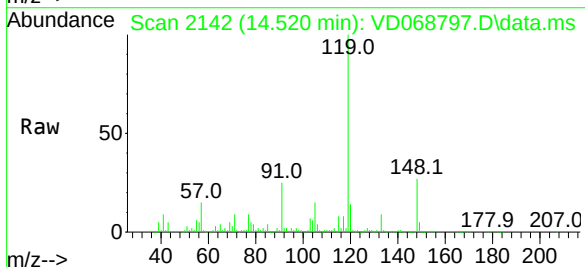
Instrument :
MSVOA_D
ClientSampleId :

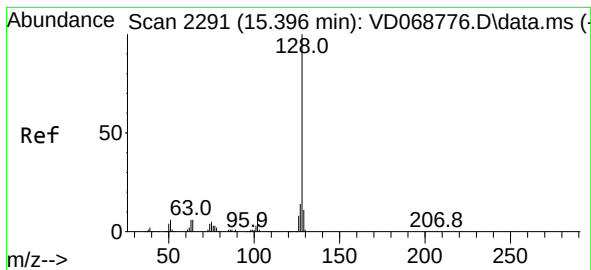
Tgt Ion:117 Resp: 506511
Ion Ratio Lower Upper
117 100
201 0.0 35.4 106.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: 11.22 ug/l
RT: 14.520 min Scan# 2142
Delta R.T. 0.024 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

Tgt Ion: 75 Resp: 9674
Ion Ratio Lower Upper
75 100
155 0.0 46.8 140.3#
157 0.0 59.8 179.3#





#95
Naphthalene
Concen: 10.11 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 136310
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.9 13.3#

