

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
 Data File : VD068714.D
 Acq On : 29 Mar 2021 22:44
 Operator : VA/SY
 Sample : M1836-05
 Misc : 6.18G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B3-0-2

Quant Time: Mar 30 01:09:44 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	7.985	168	732767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	1274411	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	1264104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	610678	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	341454	46.21	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.42%
35) Dibromofluoromethane	7.920	113	387939	48.93	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.86%
50) Toluene-d8	10.344	98	1600511	52.35	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.70%
62) 4-Bromofluorobenzene	12.632	95	601256	60.66	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.32%

Target Compounds						Qvalue
10) Methyl Iodide	4.309	142	277	3.50	ug/l #	41
11) Tert butyl alcohol	5.214	59	2771	8.14	ug/l #	73
13) Acrolein	3.879	56	39021	130.53	ug/l #	1
14) Allyl chloride	4.832	41	39156	5.56	ug/l #	50
15) Acrylonitrile	5.491	53	34218	25.57	ug/l #	38
16) Acetone	4.138	43	100406	112.01	ug/l #	56
18) Methyl Acetate	4.950	43	596121	241.91	ug/l #	43
19) Methyl tert-butyl Ether	5.479	73	372051	25.50	ug/l #	1
20) Methylene Chloride	4.956	84	26499	Below Cal	#	16
23) Vinyl Acetate	6.279	43	19293	2.03	ug/l #	66
25) 2-Butanone	7.203	43	19454	13.10	ug/l #	39
29) Tetrahydrofuran	7.573	42	1170	1.25	ug/l #	34
31) Cyclohexane	7.973	56	500093	41.95	ug/l #	75
36) 1,1-Dichloropropene	7.979	75	53291	4.68	ug/l #	49
37) Ethyl Acetate	7.203	43	19454	5.42	ug/l #	64
38) Carbon Tetrachloride	7.985	117	68440	6.02	ug/l #	16
39) Methylcyclohexane	9.355	83	558046	39.72	ug/l #	79
40) Benzene	8.350	78	1486139	44.75	ug/l	96
41) Methacrylonitrile	7.561	41	7042	3.35	ug/l #	31
43) Isopropyl Acetate	8.508	43	1785477	259.13	ug/l #	45
47) Bromodichloromethane	9.644	83	31074	2.68	ug/l #	26
48) Methyl methacrylate	9.485	41	131716	37.72	ug/l #	21
51) 4-Methyl-2-Pentanone	10.273	43	182770	50.95	ug/l #	79
52) Toluene	10.408	92	5579900	265.50	ug/l	95
53) t-1,3-Dichloropropene	10.408	75	59302	5.56	ug/l #	1
55) 1,1,2-Trichloroethane	10.779	97	94974	14.94	ug/l #	34
56) Ethyl methacrylate	10.638	69	7120	1.04	ug/l #	32
58) 2-Chloroethyl Vinyl ether	9.920	63	12147	3.47	ug/l #	45
59) 2-Hexanone	10.949	43	80238	33.31	ug/l #	25
64) Tetrachloroethene	10.873	164	42493	5.19	ug/l	96
67) Ethyl Benzene	11.743	91	3049036	70.25	ug/l	98
68) m/p-Xylenes	11.849	106	4048372	239.42	ug/l	97
69) o-Xylene	12.179	106	1148263	73.27	ug/l	99
70) Styrene	12.179	104	55970	2.08	ug/l #	1
73) Isopropylbenzene	12.479	105	233132	5.56	ug/l	100
74) N-amyl acetate	12.267	43	34244	4.90	ug/l #	73

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

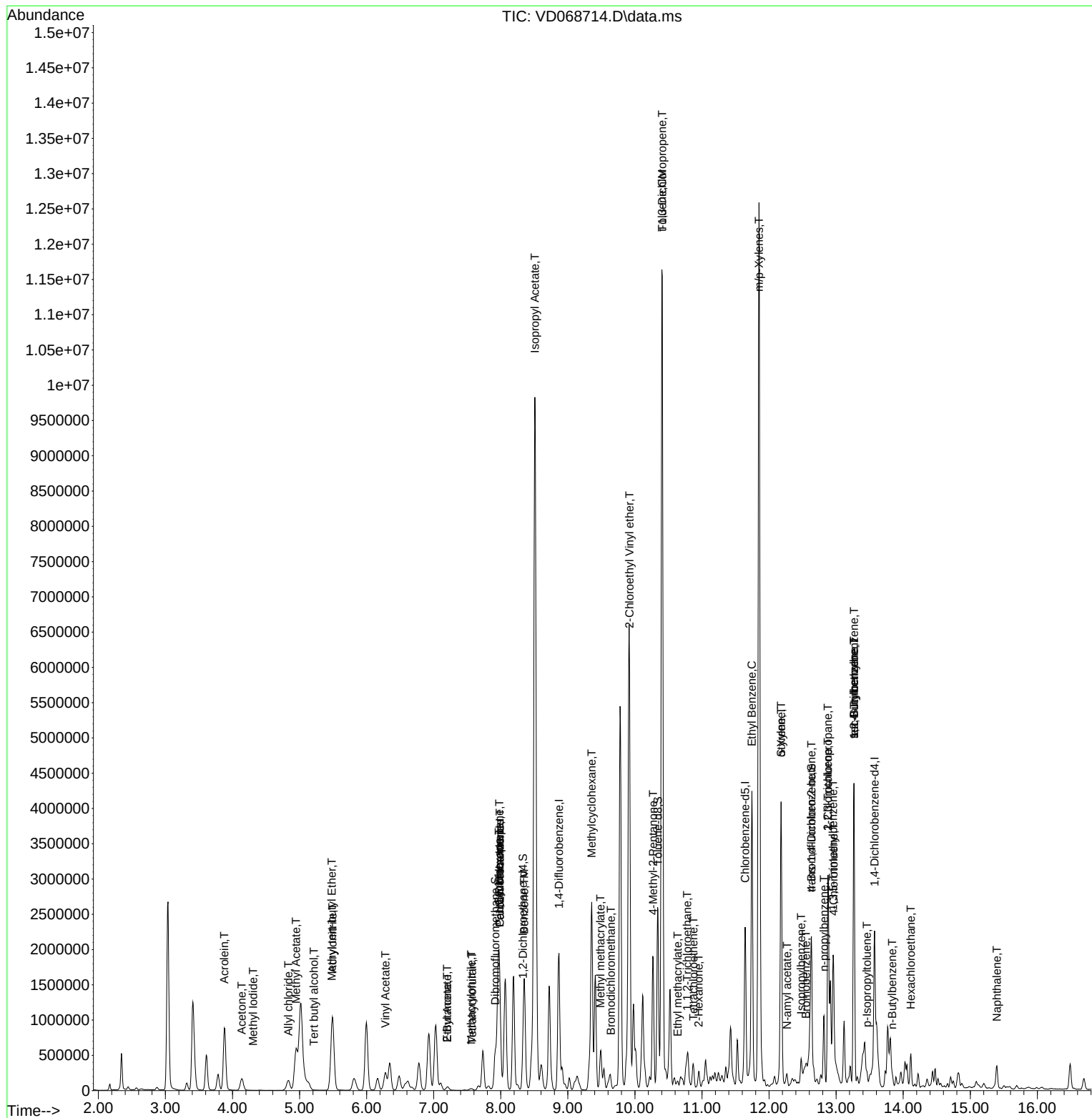
76) 1,2,3-Trichloropropane	12.879	75	15925	3.13	ug/l #	100
77) Bromobenzene	12.549	156	73130	7.43	ug/l #	1
78) n-propylbenzene	12.820	91	810789	16.23	ug/l	98
79) 2-Chlorotoluene	12.879	91	225075	8.26	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.955	105	807595	23.80	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.632	75	287412	128.65	ug/l #	16
82) 4-Chlorotoluene	12.961	91	82083	2.82	ug/l #	53
83) tert-Butylbenzene	13.267	119	307991	10.65	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.267	105	2454785	70.03	ug/l	98
85) sec-Butylbenzene	13.267	105	2454785	58.39	ug/l #	57
86) p-Isopropyltoluene	13.461	119	65535	1.71	ug/l	97
89) n-Butylbenzene	13.837	91	80706	2.22	ug/l #	74
90) Hexachloroethane	14.114	117	25255	3.67	ug/l #	14
95) Naphthalene	15.396	128	311418	16.42	ug/l	99

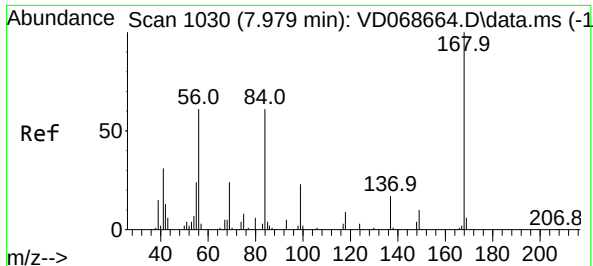
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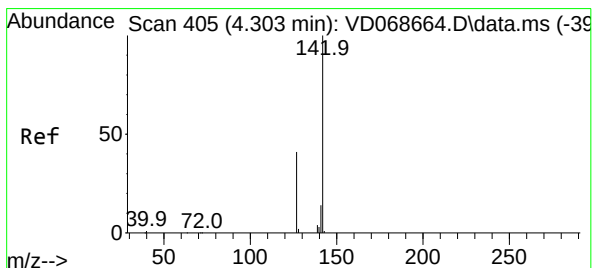
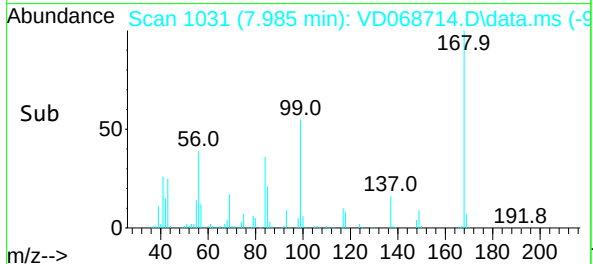
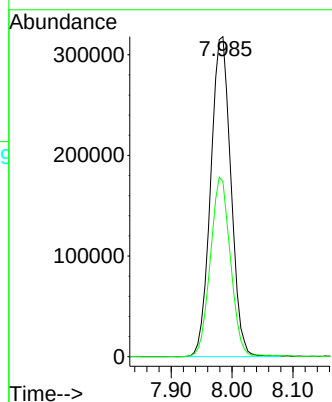
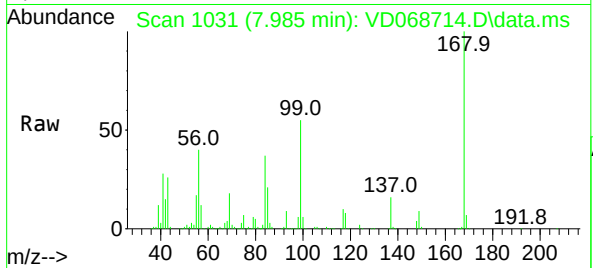




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

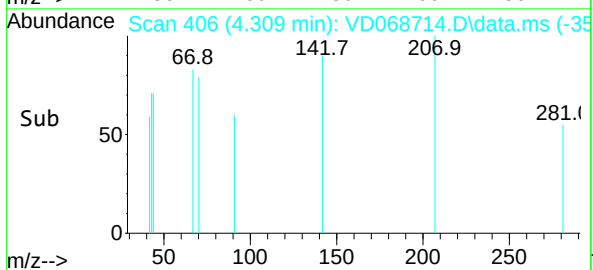
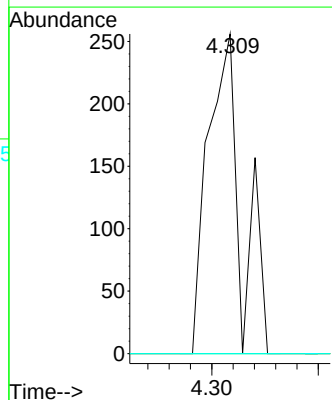
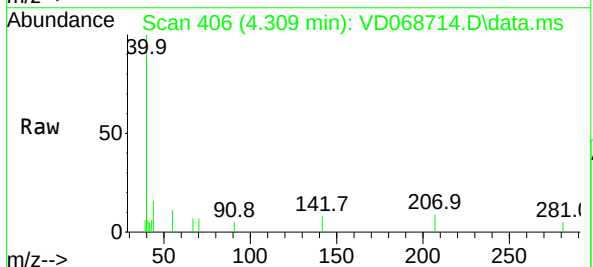
Instrument :
MSVOA_D
ClientSampled :
B3-0-2

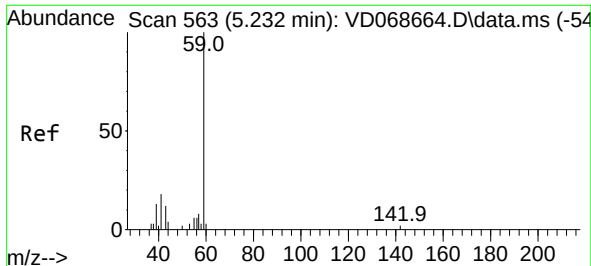
Tgt Ion:168 Resp: 732767
Ion Ratio Lower Upper
168 100
99 54.7 46.2 69.2



#10
Methyl Iodide
Concen: 3.50 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

Tgt Ion:142 Resp: 277
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

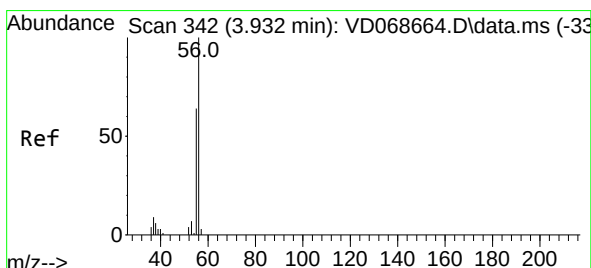
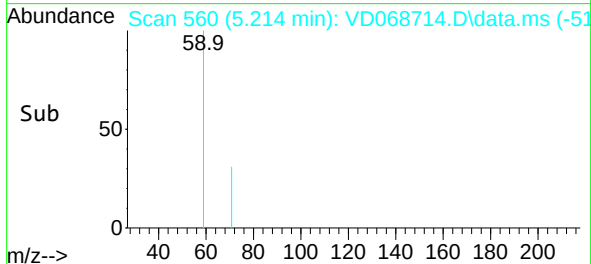
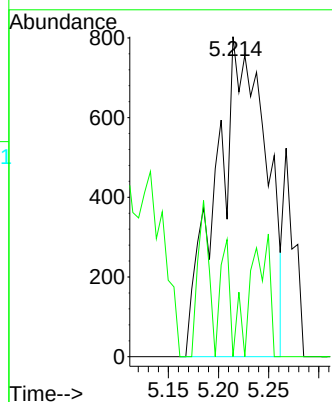
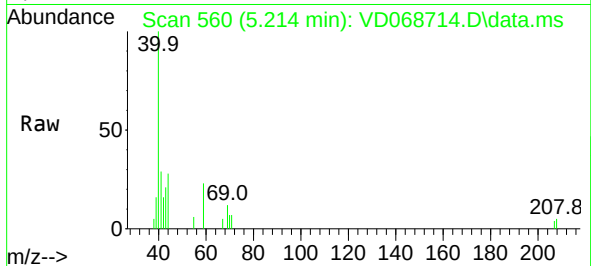




#11
Tert butyl alcohol
Concen: 8.14 ug/l
RT: 5.214 min Scan# 560
Delta R.T. -0.018 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

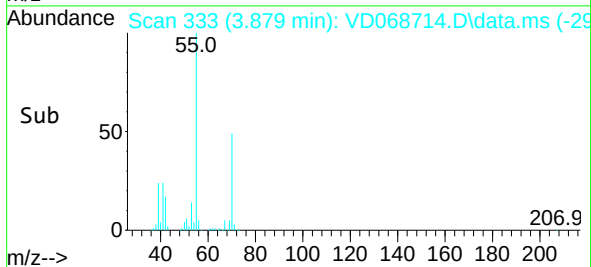
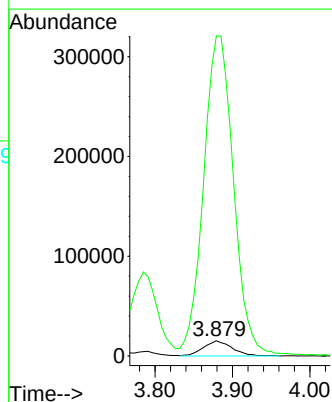
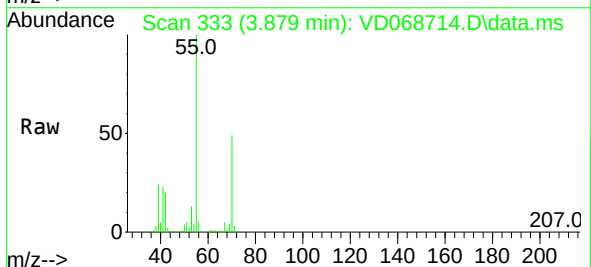
Instrument :
MSVOA_D
ClientSampleId :
B3-0-2

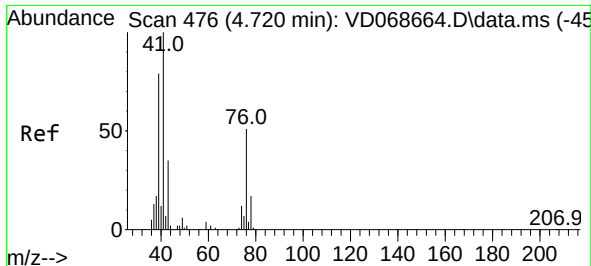
Tgt Ion: 59 Resp: 2771
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 130.53 ug/l
RT: 3.879 min Scan# 333
Delta R.T. -0.053 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

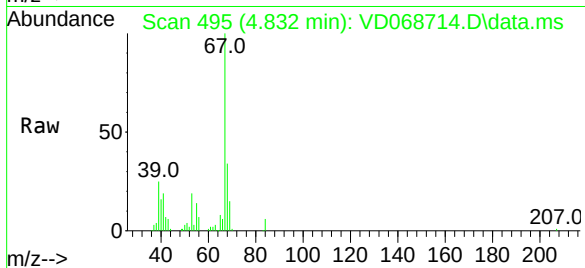
Tgt Ion: 56 Resp: 39021
Ion Ratio Lower Upper
56 100
55 2210.8 54.7 82.1#



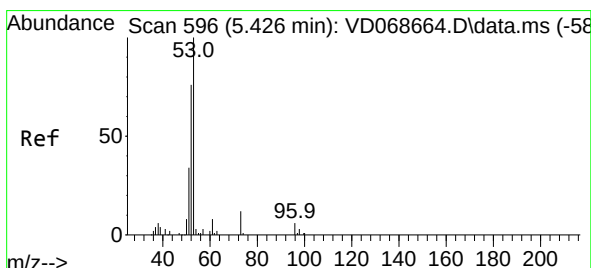
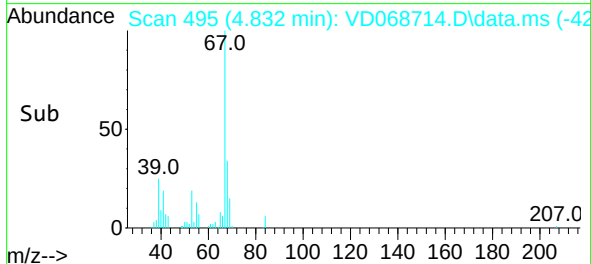
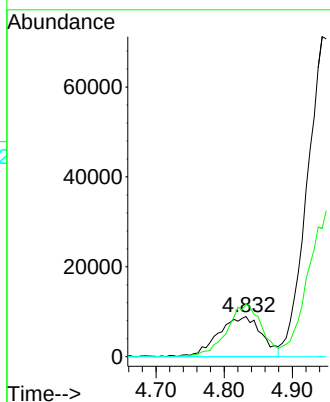


#14
 Allyl chloride
 Concen: 5.56 ug/l
 RT: 4.832 min Scan# 495
 Delta R.T. 0.112 min
 Lab File: VD068714.D
 Acq: 29 Mar 2021 22:44

Instrument :
 MSVOA_D
 ClientSampleID :
 B3-0-2

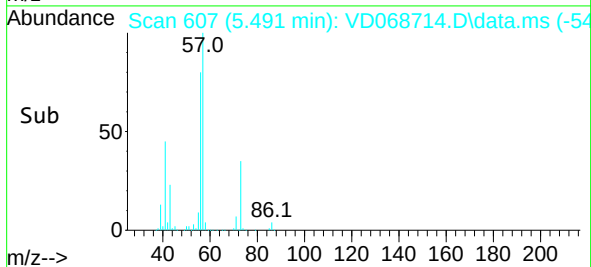
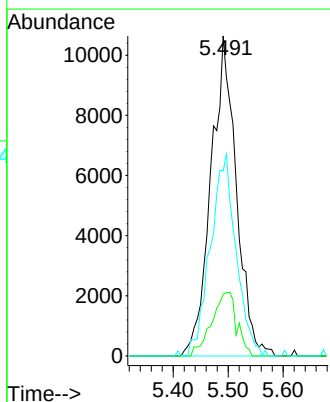
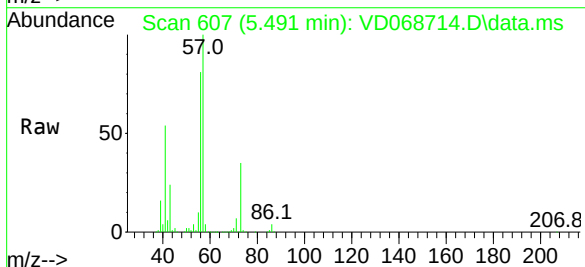


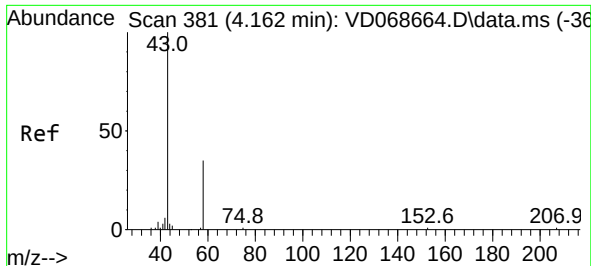
Tgt Ion: 41 Resp: 39156
 Ion Ratio Lower Upper
 41 100
 39 106.0 60.6 91.0#
 76 0.0 40.4 60.6#



#15
 Acrylonitrile
 Concen: 25.57 ug/l
 RT: 5.491 min Scan# 607
 Delta R.T. 0.065 min
 Lab File: VD068714.D
 Acq: 29 Mar 2021 22:44

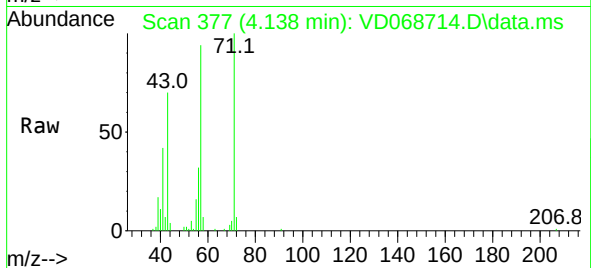
Tgt Ion: 53 Resp: 34218
 Ion Ratio Lower Upper
 53 100
 52 19.6 63.3 94.9#
 51 63.6 28.3 42.5#



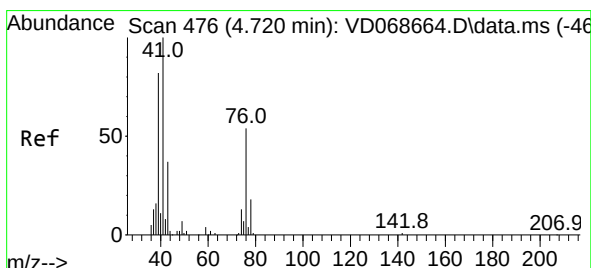
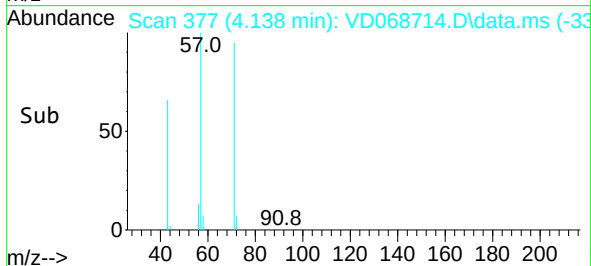
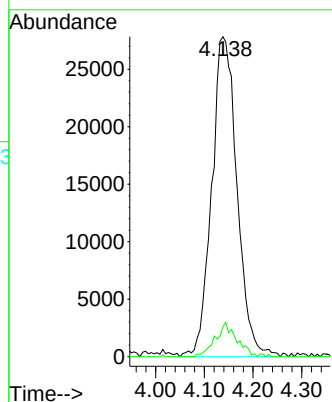


#16
Acetone
Concen: 112.01 ug/l
RT: 4.138 min Scan# 377
Delta R.T. -0.024 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

Instrument :
MSVOA_D
ClientSampleId :
B3-0-2

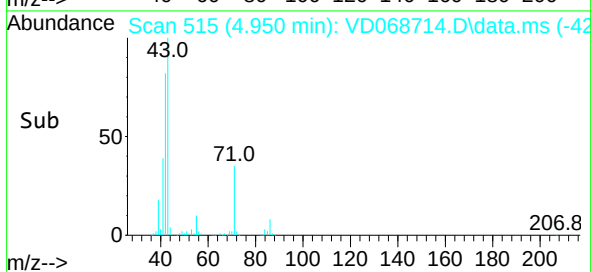
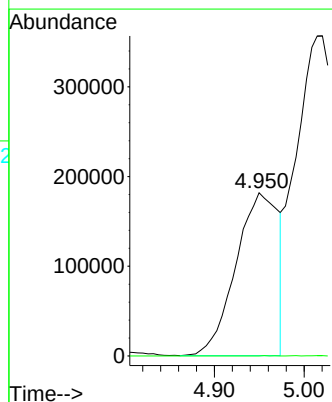
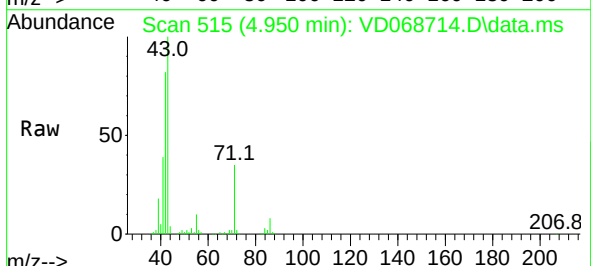


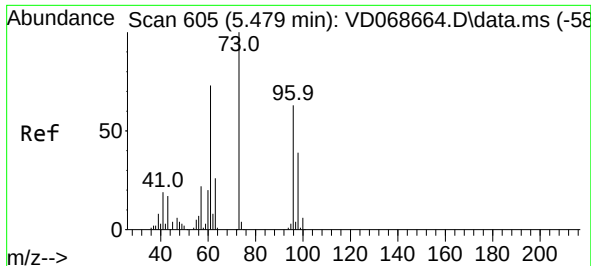
Tgt Ion: 43 Resp: 100406
Ion Ratio Lower Upper
43 100
58 9.3 28.0 42.0#



#18
Methyl Acetate
Concen: 241.91 ug/l
RT: 4.950 min Scan# 515
Delta R.T. 0.229 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

Tgt Ion: 43 Resp: 596121
Ion Ratio Lower Upper
43 100
74 0.0 25.4 38.2#

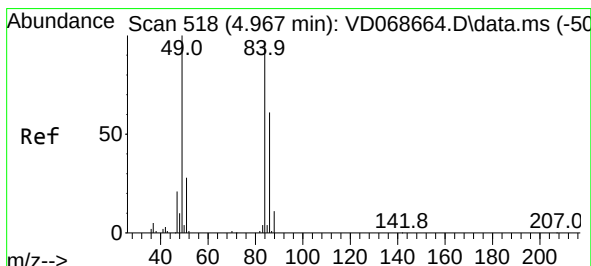
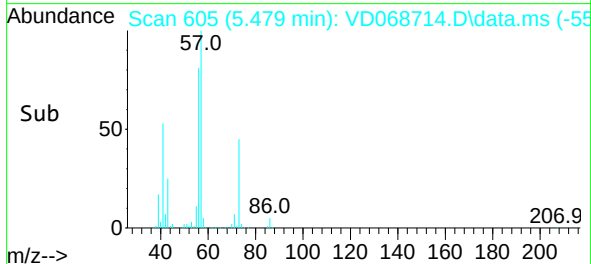
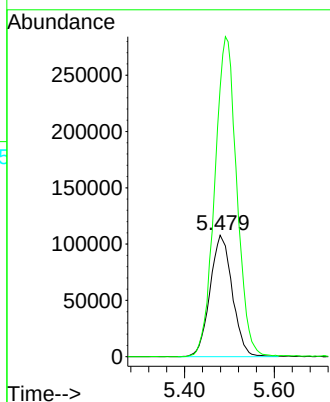
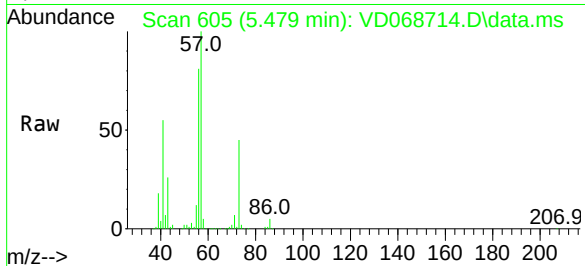




#19
Methyl tert-butyl Ether
Concen: 25.50 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.000 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

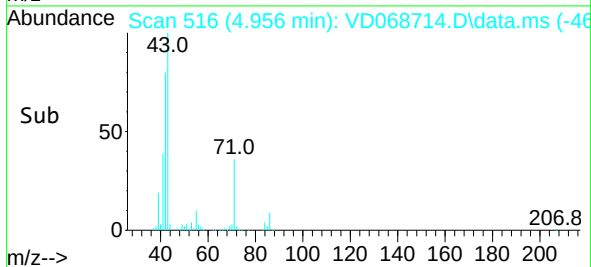
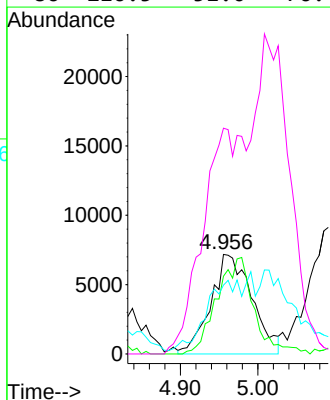
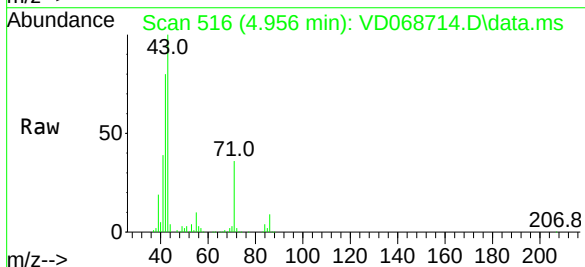
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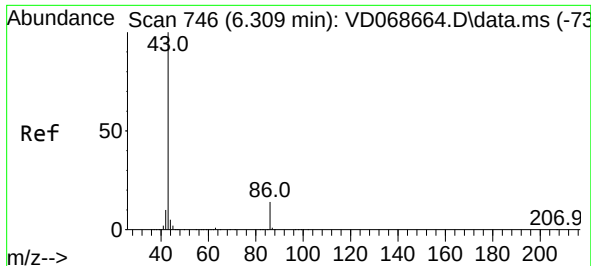
Tgt Ion: 73 Resp: 372051
Ion Ratio Lower Upper
73 100
57 221.0 17.3 25.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.011 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

Tgt Ion: 84 Resp: 26499
Ion Ratio Lower Upper
84 100
49 81.1 83.4 125.0#
51 62.2 23.4 35.2#
86 216.5 51.0 76.4#

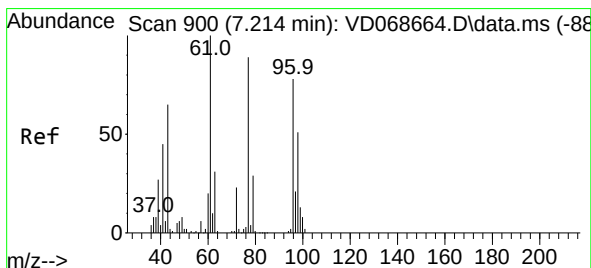
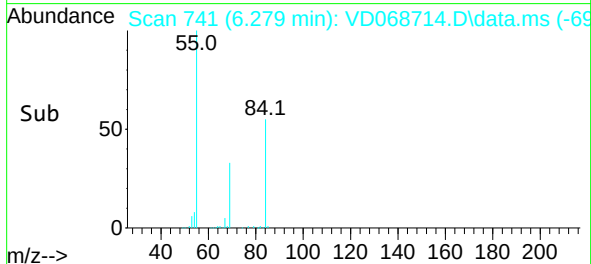
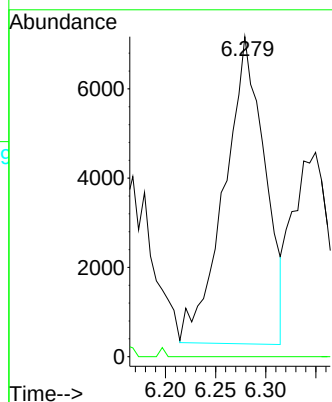
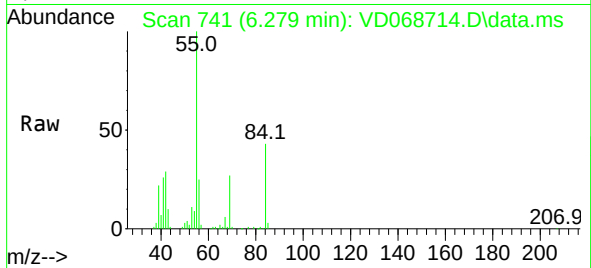




#23
 Vinyl Acetate
 Concen: 2.03 ug/l
 RT: 6.279 min Scan# 741
 Delta R.T. -0.030 min
 Lab File: VD068714.D
 Acq: 29 Mar 2021 22:44

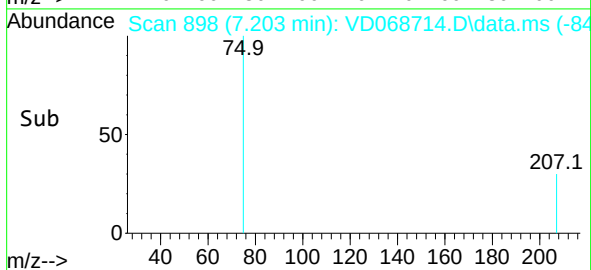
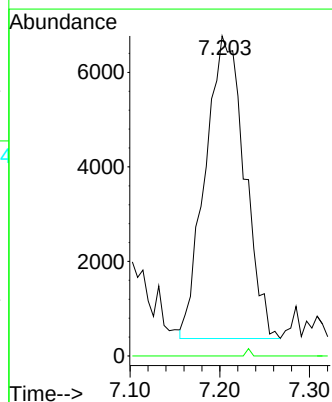
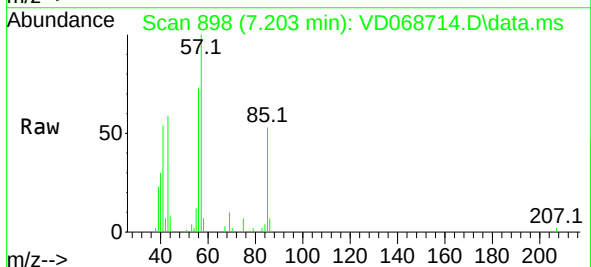
Instrument :
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 ClientSampled :
 B3-0-2

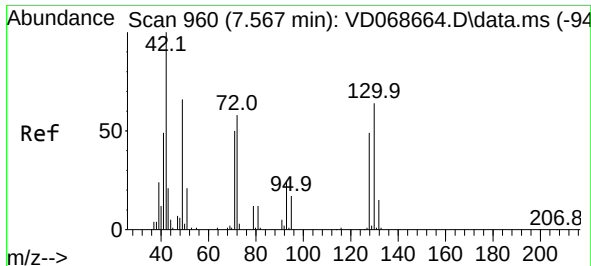
Tgt Ion: 43 Resp: 19293
 Ion Ratio Lower Upper
 43 100
 86 0.0 11.0 16.6#



#25
 2-Butanone
 Concen: 13.10 ug/l
 RT: 7.203 min Scan# 898
 Delta R.T. -0.012 min
 Lab File: VD068714.D
 Acq: 29 Mar 2021 22:44

Tgt Ion: 43 Resp: 19454
 Ion Ratio Lower Upper
 43 100
 72 0.0 28.6 43.0#





#29

Tetrahydrofuran

Concen: 1.25 ug/l

RT: 7.573 min Scan# 961

Delta R.T. 0.006 min

Lab File: VD068714.D

Acq: 29 Mar 2021 22:44

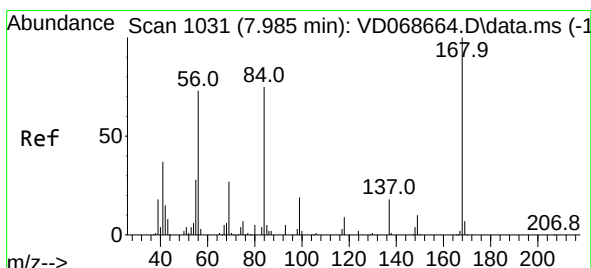
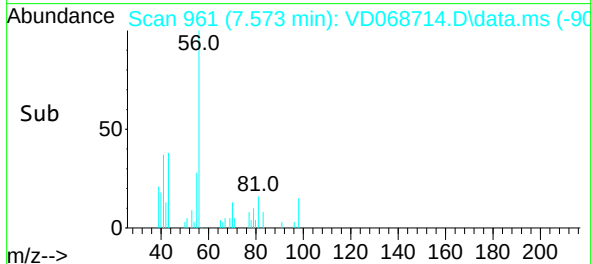
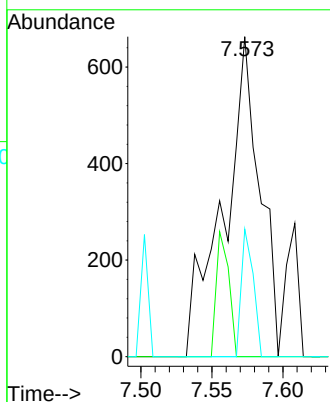
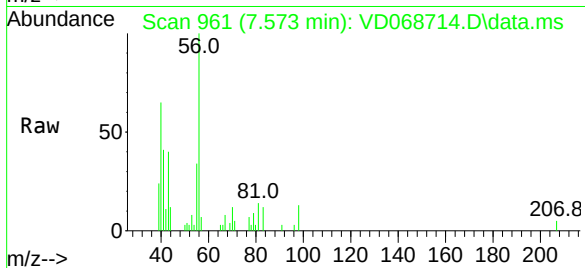
Instrument :

MSVOA_D

ClientSampled :

B3-0-2

Tgt Ion:	42	Resp:	1170
Ion	Ratio	Lower	Upper
42	100		
72	13.4	45.2	67.8#
71	0.0	40.8	61.2#



#31

Cyclohexane

Concen: 41.95 ug/l

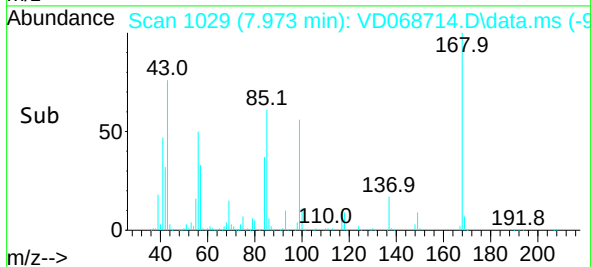
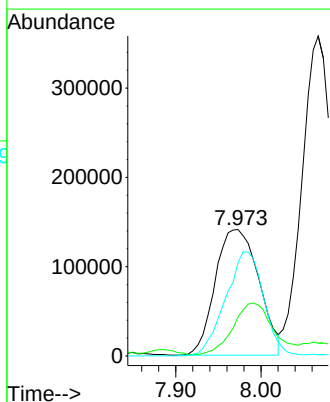
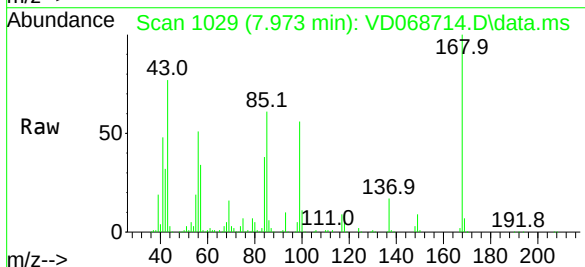
RT: 7.973 min Scan# 1029

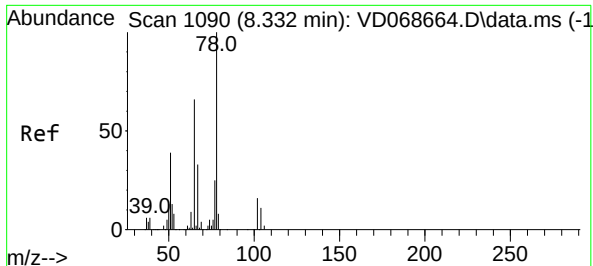
Delta R.T. -0.012 min

Lab File: VD068714.D

Acq: 29 Mar 2021 22:44

Tgt Ion:	56	Resp:	500093
Ion	Ratio	Lower	Upper
56	100		
69	28.4	30.0	45.0#
84	74.2	82.0	123.0#

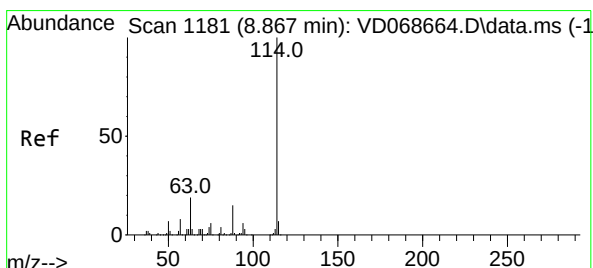
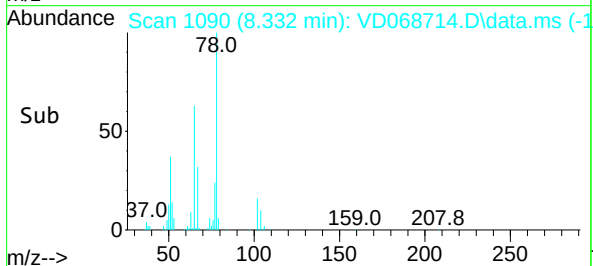
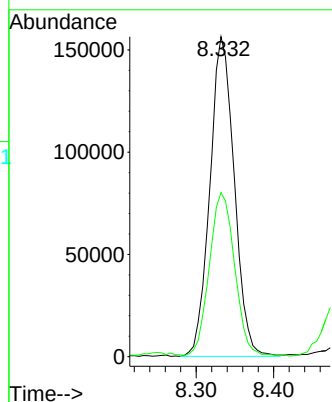
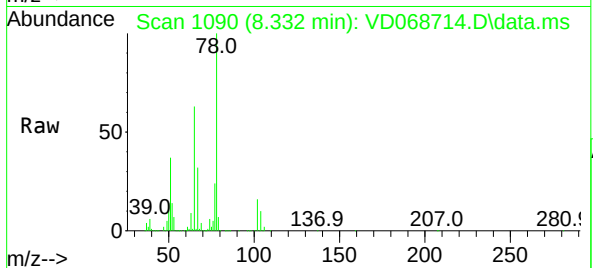




#33
1,2-Dichloroethane-d4
Concen: 46.21 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

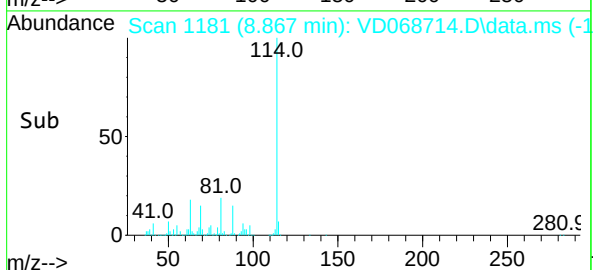
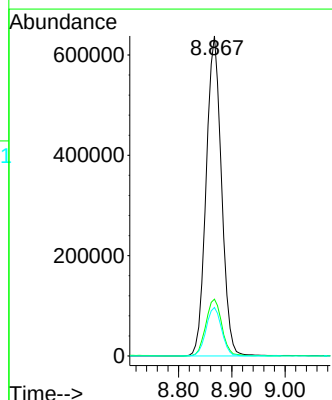
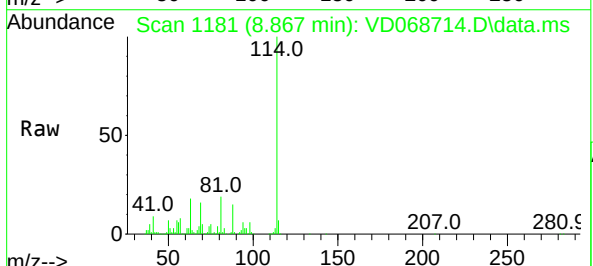
Instrument :
MSVOA_D
ClientSampleId :
B3-0-2

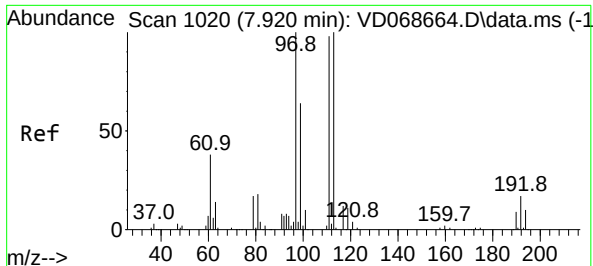
Tgt Ion: 65 Resp: 341454
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

Tgt Ion: 114 Resp: 1274411
Ion Ratio Lower Upper
114 100
63 17.8 0.0 38.2
88 15.2 0.0 29.4





#35

Dibromofluoromethane

Concen: 48.93 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. -0.000 min

Lab File: VD068714.D

Acq: 29 Mar 2021 22:44

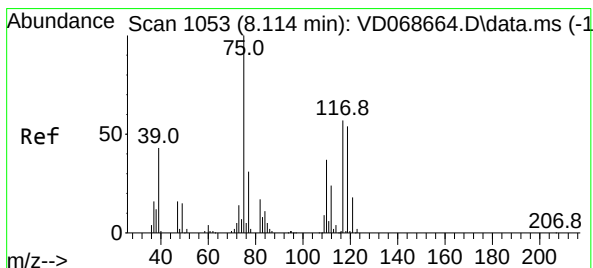
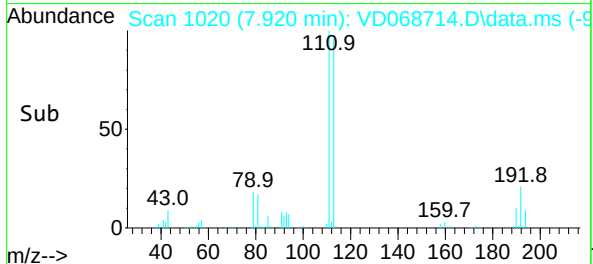
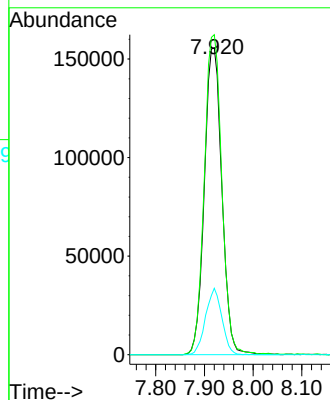
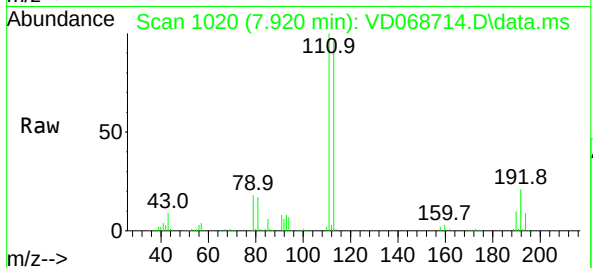
Tgt Ion:113 Resp: 387939

Ion Ratio Lower Upper

113 100

111 104.1 82.5 123.7

192 20.1 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.68 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD068714.D

Acq: 29 Mar 2021 22:44

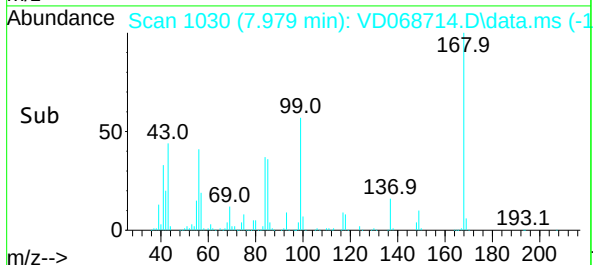
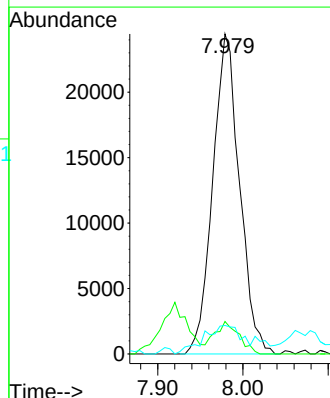
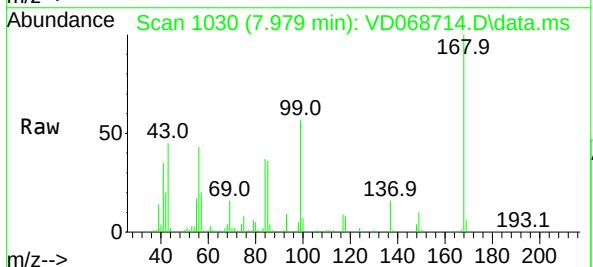
Tgt Ion: 75 Resp: 53291

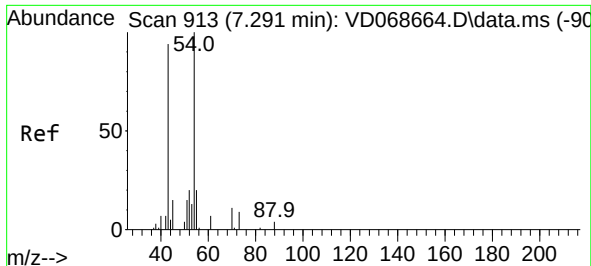
Ion Ratio Lower Upper

75 100

110 9.2 18.1 54.4#

77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 5.42 ug/l

RT: 7.203 min Scan# 898

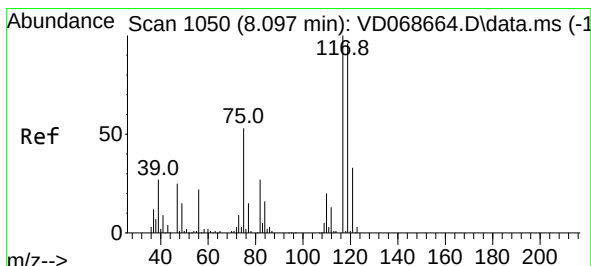
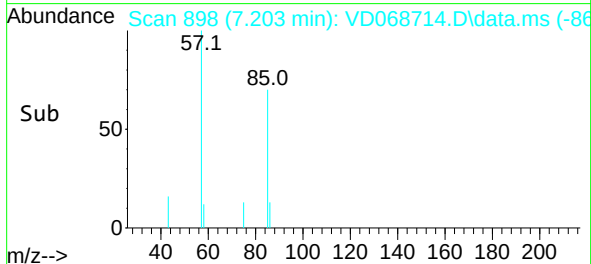
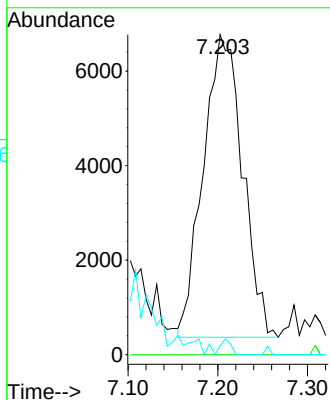
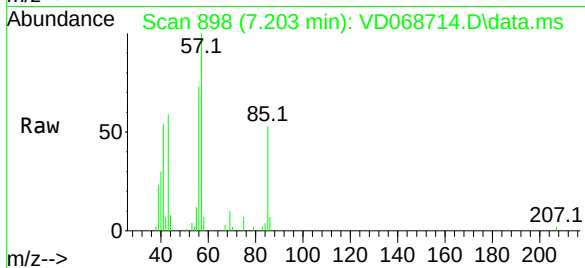
Delta R.T. -0.088 min

Lab File: VD068714.D

Acq: 29 Mar 2021 22:44

Instrument :
MSVOA_D
ClientSampleId :
B3-0-2

Tgt Ion: 43	Resp: 19454
Ion Ratio	Lower Upper
43 100	
61 0.0	14.2 21.4#
70 0.0	9.4 14.0#



#38

Carbon Tetrachloride

Concen: 6.02 ug/l

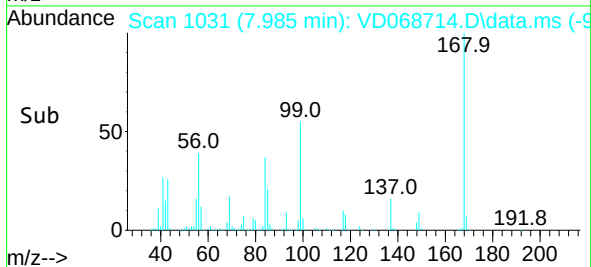
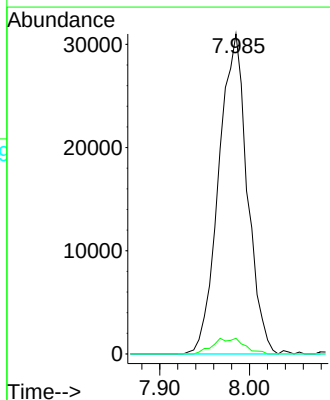
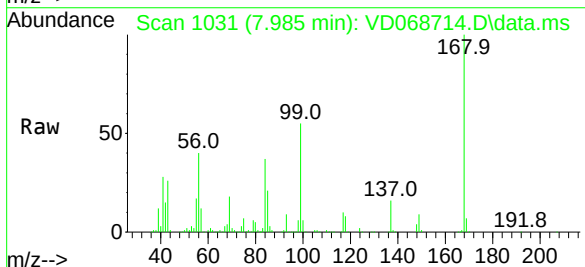
RT: 7.985 min Scan# 1031

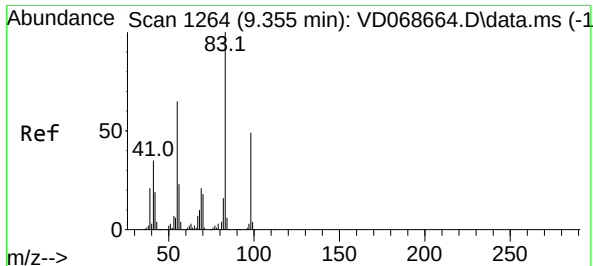
Delta R.T. -0.112 min

Lab File: VD068714.D

Acq: 29 Mar 2021 22:44

Tgt Ion: 117	Resp: 68440
Ion Ratio	Lower Upper
117 100	
119 4.9	76.6 115.0#
121 0.0	26.1 39.1#





#39

Methylcyclohexane

Concen: 39.72 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VD068714.D

Acq: 29 Mar 2021 22:44

Instrument :

MSVOA_D

ClientSampleId :

B3-0-2

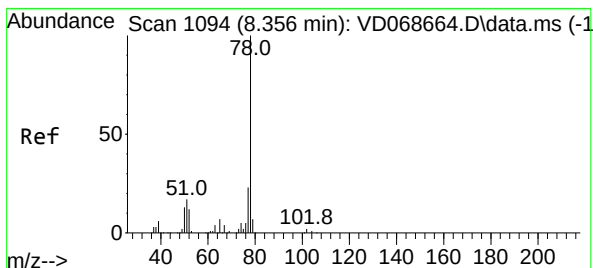
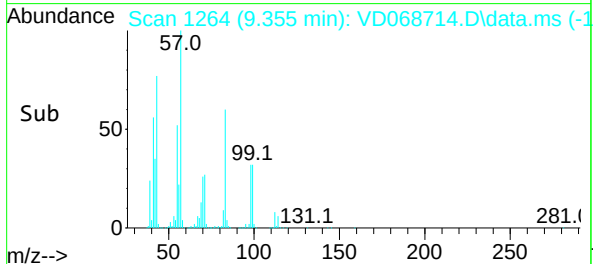
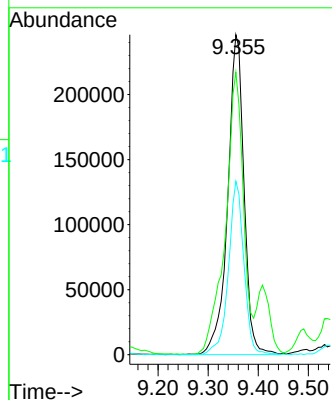
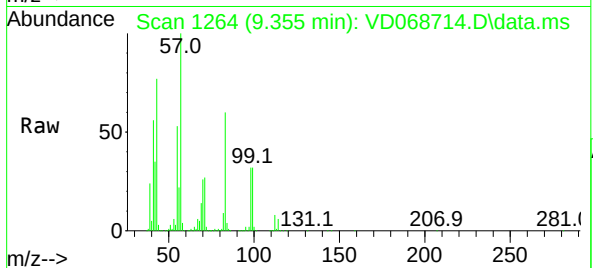
Tgt Ion: 83 Resp: 558046

Ion Ratio Lower Upper

83 100

55 88.1 51.7 77.5#

98 54.2 38.8 58.2



#40

Benzene

Concen: 44.75 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.006 min

Lab File: VD068714.D

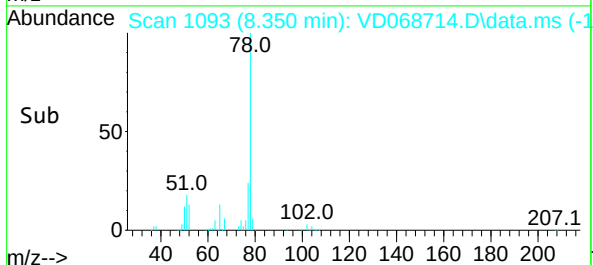
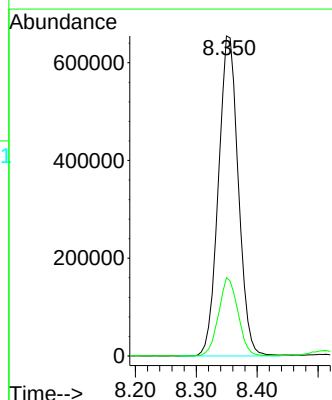
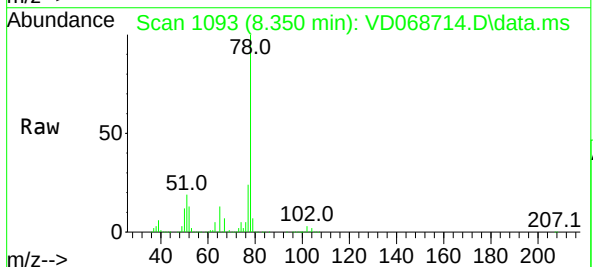
Acq: 29 Mar 2021 22:44

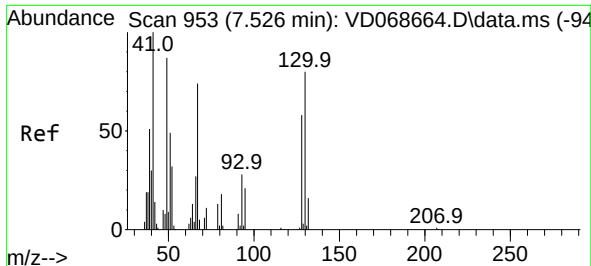
Tgt Ion: 78 Resp: 1486139

Ion Ratio Lower Upper

78 100

77 24.4 18.2 27.2

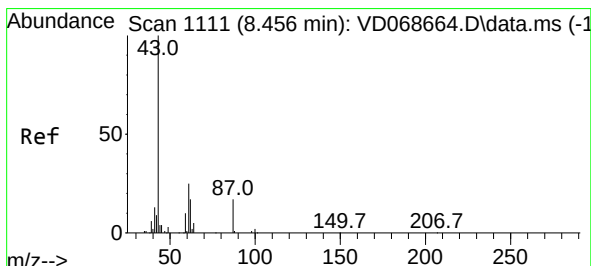
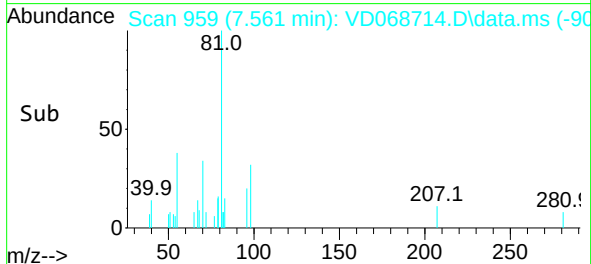
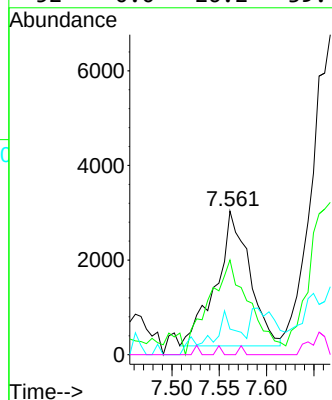
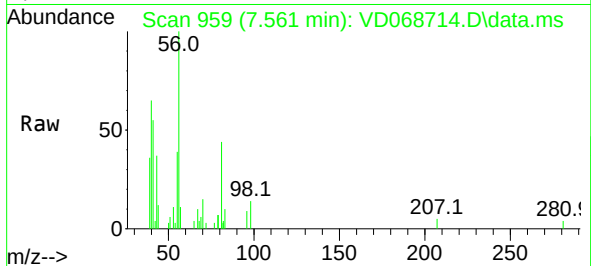




#41
Methacrylonitrile
Concen: 3.35 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.035 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

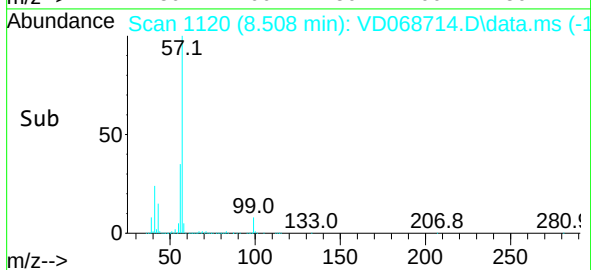
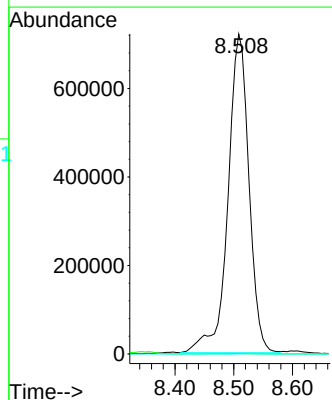
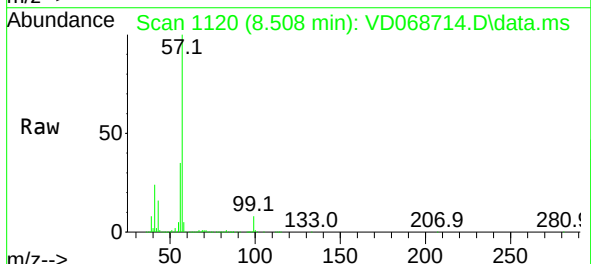
Instrument :
MSVOA_D
ClientSampleId :
B3-0-2

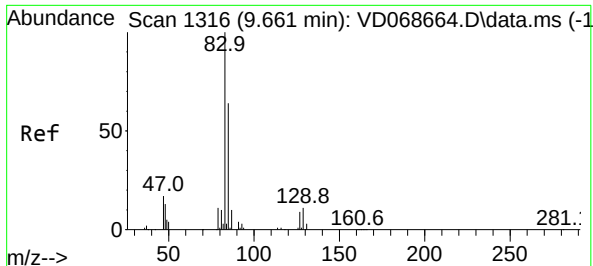
Tgt Ion:	41	Resp:	7042
Ion	Ratio	Lower	Upper
41	100		
39	86.1	43.2	64.8#
67	0.0	63.9	95.9#
52	0.0	26.2	39.4#



#43
Isopropyl Acetate
Concen: 259.13 ug/l
RT: 8.508 min Scan# 1120
Delta R.T. 0.053 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

Tgt Ion:	43	Resp:	1785477
Ion	Ratio	Lower	Upper
43	100		
61	0.1	29.5	44.3#
87	0.0	13.5	20.3#





#47

Bromodichloromethane

Concen: 2.68 ug/l

RT: 9.644 min Scan# 1313

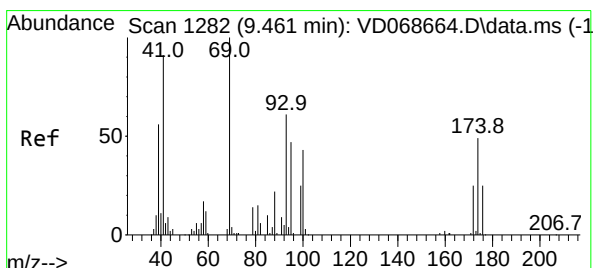
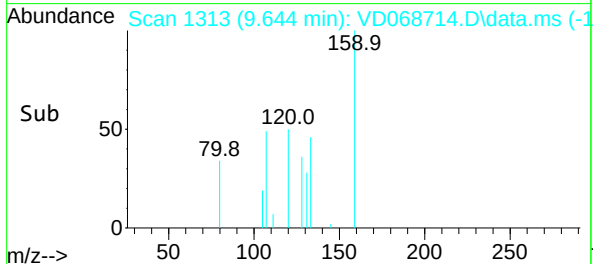
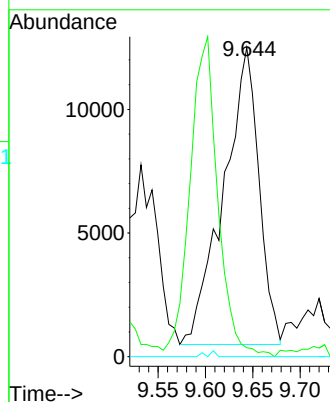
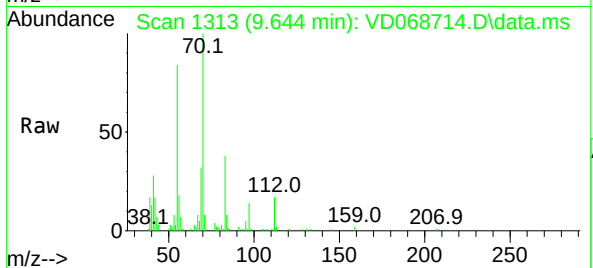
Delta R.T. -0.018 min

Lab File: VD068714.D

Acq: 29 Mar 2021 22:44

Tgt Ion:	83	Resp:	31074
Ion	Ratio	Lower	Upper
83	100		
85	0.9	51.0	76.6#
127	0.0	7.1	10.7#

Instrument :
MSVOA_D
ClientSampled :
B3-0-2



#48

Methyl methacrylate

Concen: 37.72 ug/l

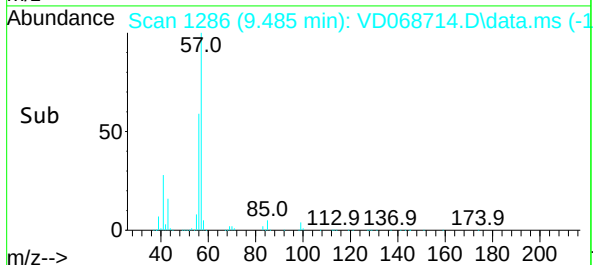
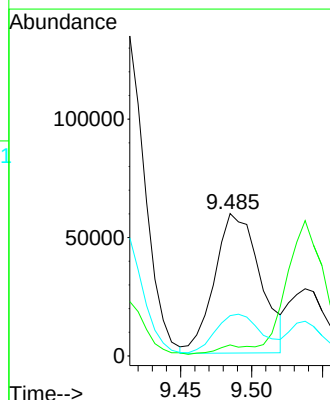
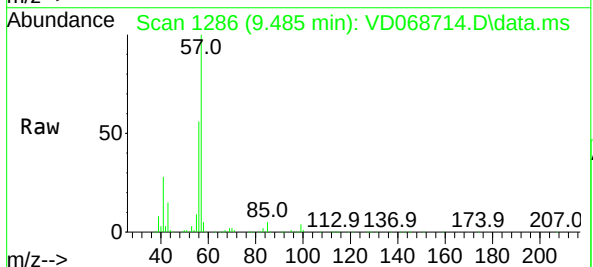
RT: 9.485 min Scan# 1286

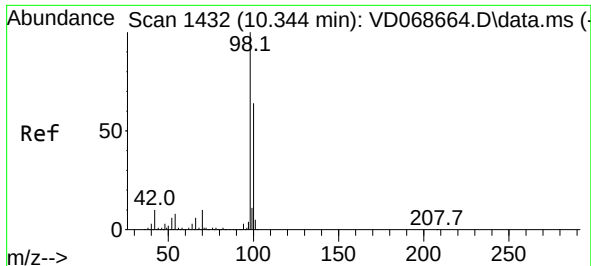
Delta R.T. 0.023 min

Lab File: VD068714.D

Acq: 29 Mar 2021 22:44

Tgt Ion:	41	Resp:	131716
Ion	Ratio	Lower	Upper
41	100		
69	0.0	83.0	124.6#
39	30.0	47.0	70.6#

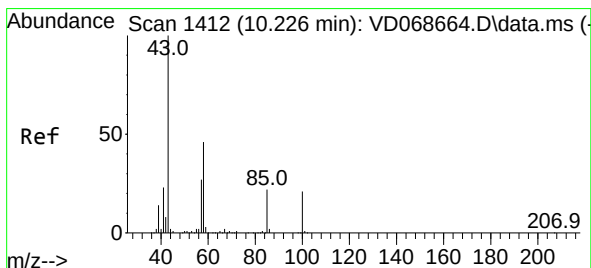
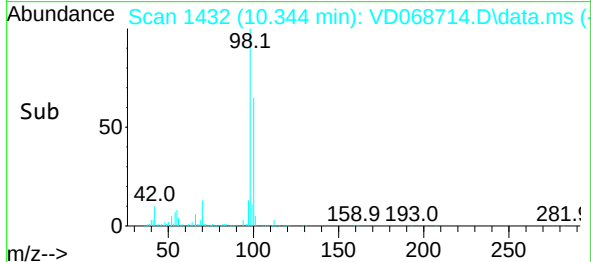
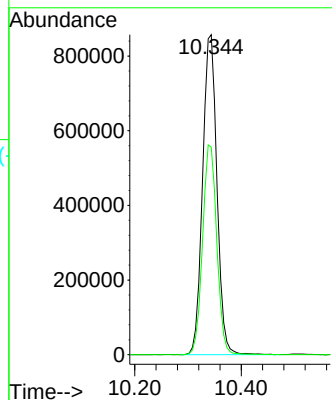
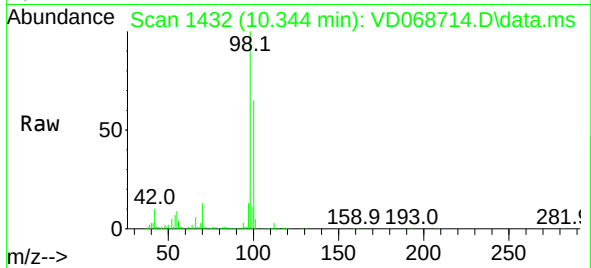




#50
Toluene-d8
Concen: 52.35 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

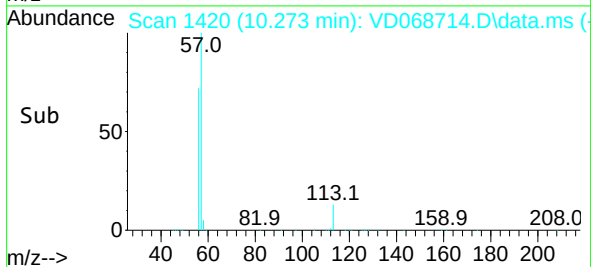
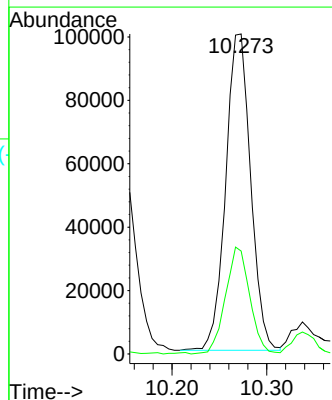
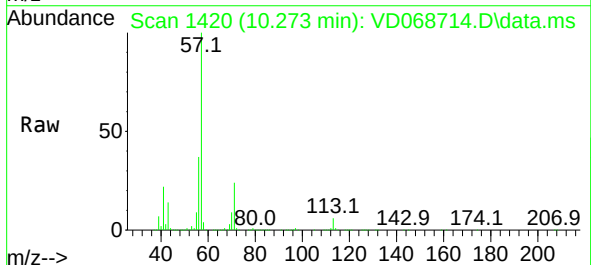
Instrument :
MSVOA_D
ClientSampleId :
B3-0-2

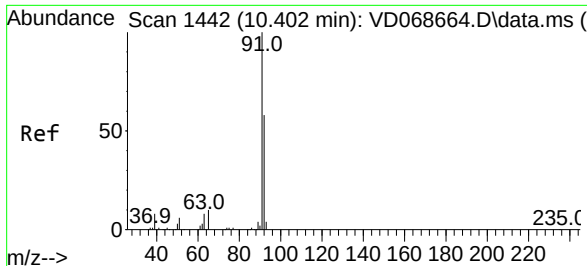
Tgt Ion: 98 Resp: 1600511
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 50.95 ug/l
RT: 10.273 min Scan# 1420
Delta R.T. 0.047 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

Tgt Ion: 43 Resp: 182770
Ion Ratio Lower Upper
43 100
58 32.9 37.3 55.9#

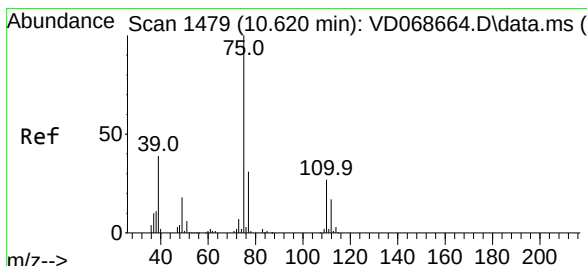
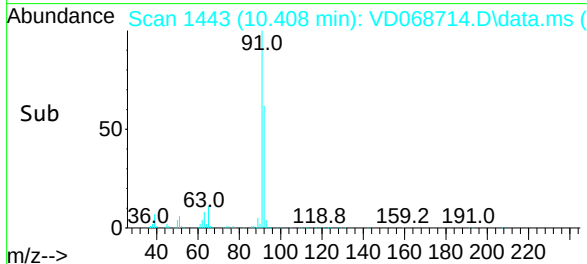
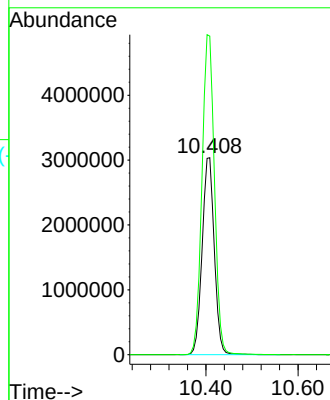
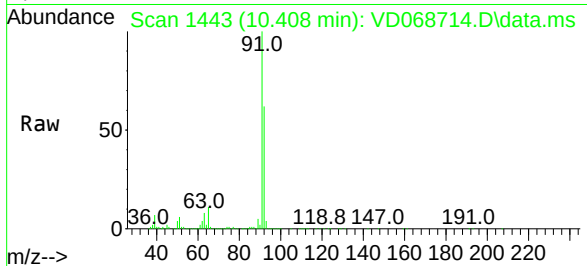




#52
Toluene
Concen: 265.50 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

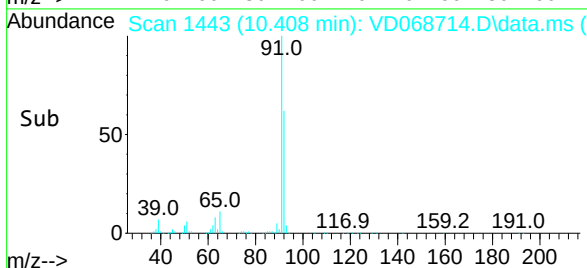
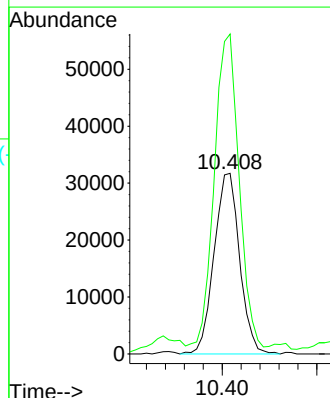
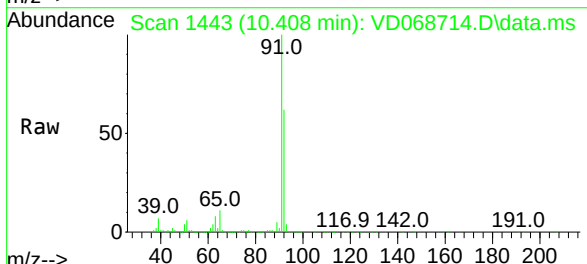
Instrument :
MSVOA_D
ClientSampled :
B3-0-2

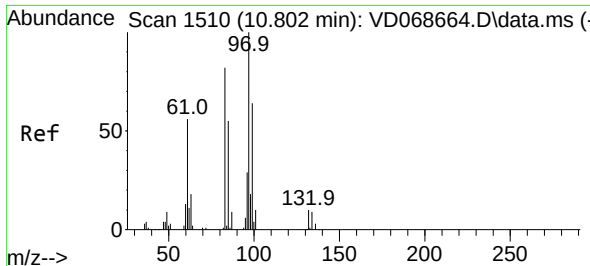
Tgt Ion: 92 Resp: 5579900
Ion Ratio Lower Upper
92 100
91 166.7 139.1 208.7



#53
t-1,3-Dichloropropene
Concen: 5.56 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. -0.212 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

Tgt Ion: 75 Resp: 59302
Ion Ratio Lower Upper
75 100
77 172.0 25.1 37.7#

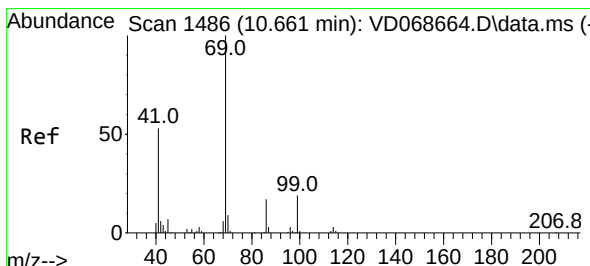
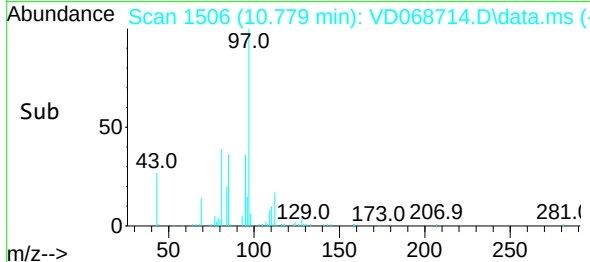
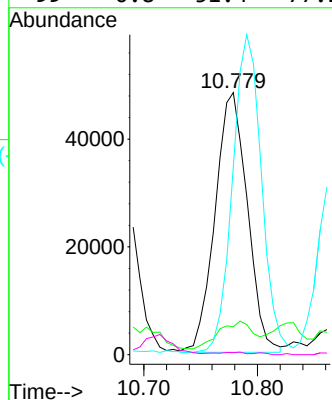
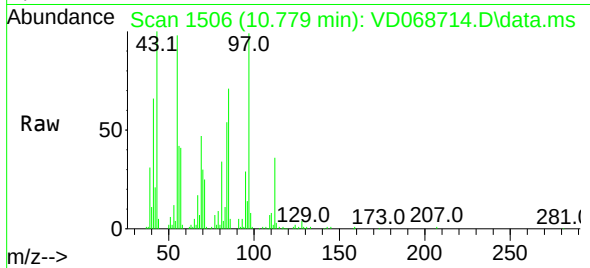




#55
1,1,2-Trichloroethane
Concen: 14.94 ug/l
RT: 10.779 min Scan# 1506
Delta R.T. -0.024 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

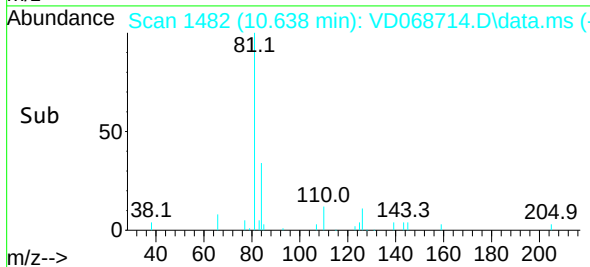
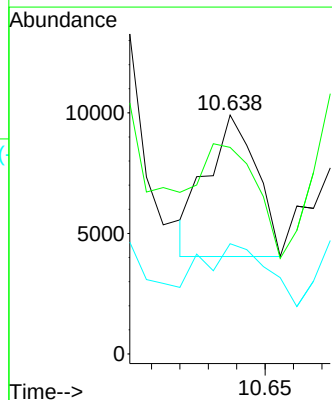
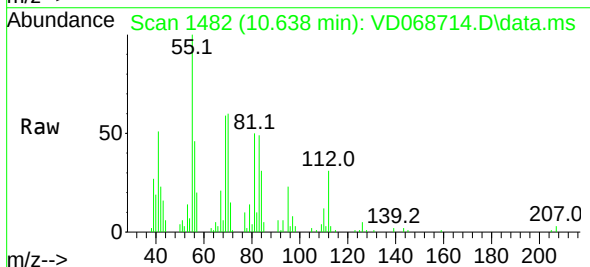
Instrument :
MSVOA_D
ClientSampled :
B3-0-2

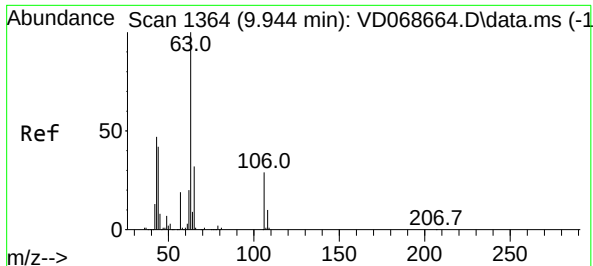
Tgt Ion:	97	Resp:	94974
Ion	Ratio	Lower	Upper
97	100		
83	8.2	65.7	98.5#
85	71.6	44.3	66.5#
99	0.8	51.4	77.2#



#56
Ethyl methacrylate
Concen: 1.04 ug/l
RT: 10.638 min Scan# 1482
Delta R.T. -0.024 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

Tgt Ion:	69	Resp:	7120
Ion	Ratio	Lower	Upper
69	100		
41	0.0	42.2	63.4#
39	0.0	24.2	36.2#

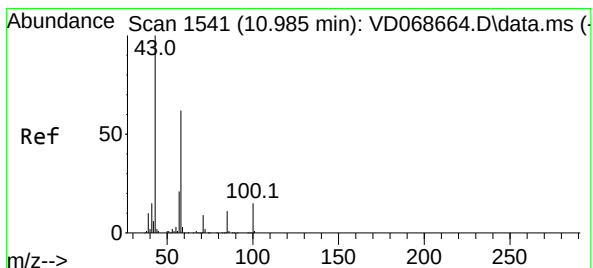
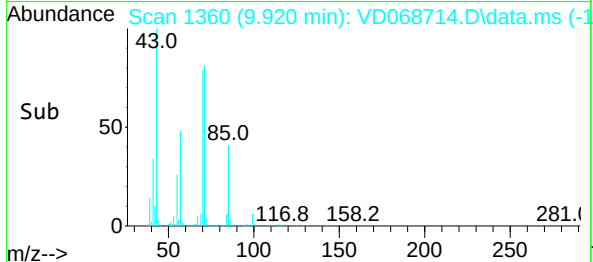
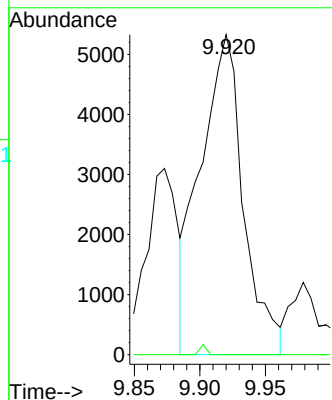
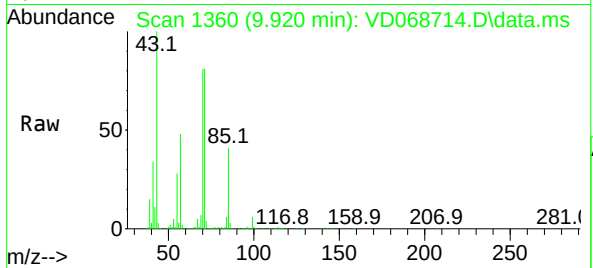




#58
2-Chloroethyl Vinyl ether
Concen: 3.47 ug/l
RT: 9.920 min Scan# 1360
Delta R.T. -0.024 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

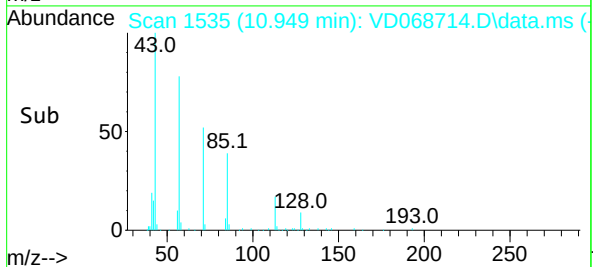
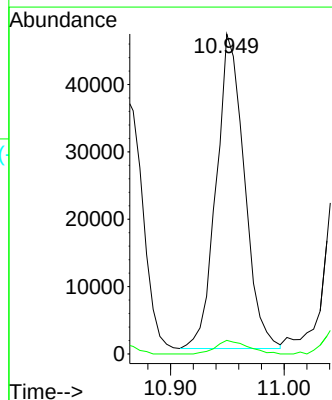
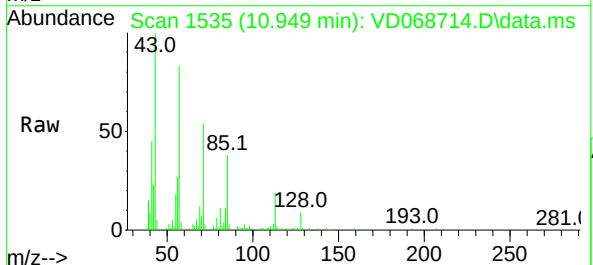
Instrument :
MSVOA_D
ClientSampleId :
B3-0-2

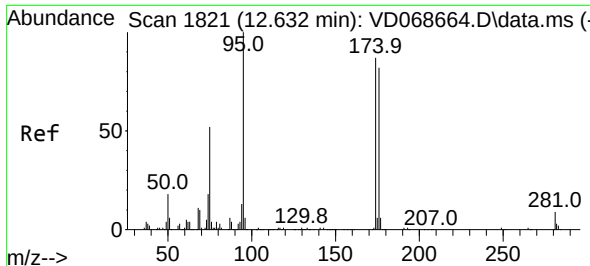
Tgt Ion: 63 Resp: 12147
Ion Ratio Lower Upper
63 100
106 0.5 24.6 36.8#



#59
2-Hexanone
Concen: 33.31 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.035 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

Tgt Ion: 43 Resp: 80238
Ion Ratio Lower Upper
43 100
58 4.9 31.3 93.8#

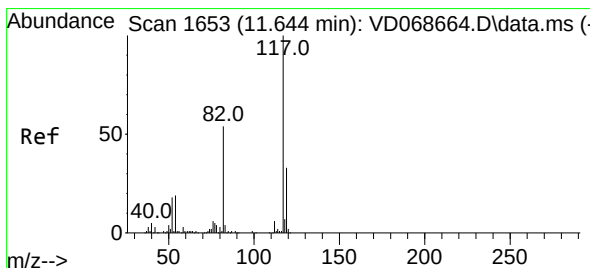
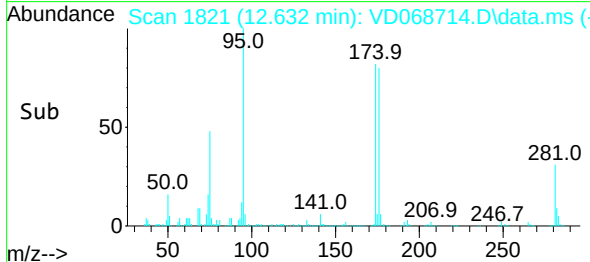
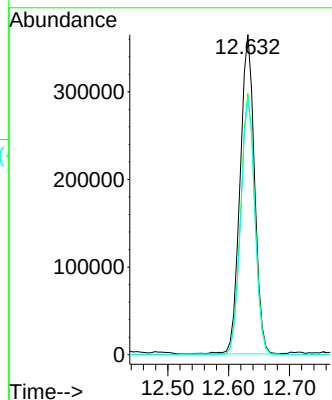
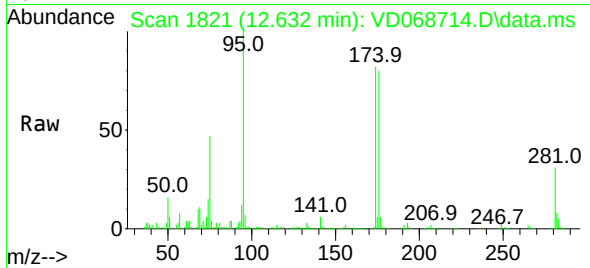




#62
4-Bromofluorobenzene
Concen: 60.66 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

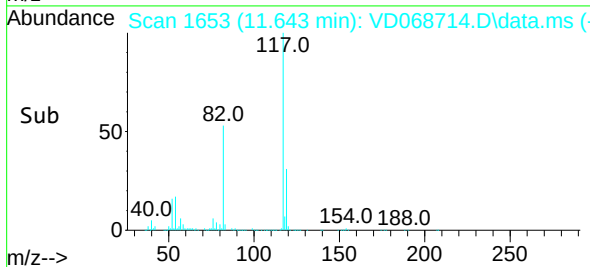
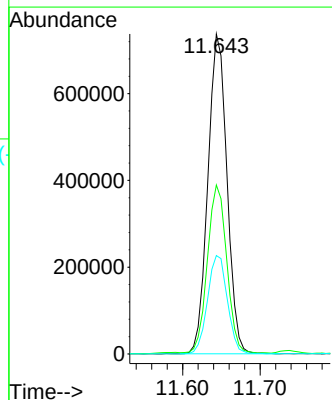
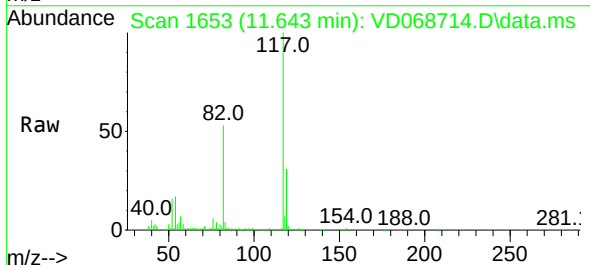
Instrument :
MSVOA_D
ClientSampleId :
B3-0-2

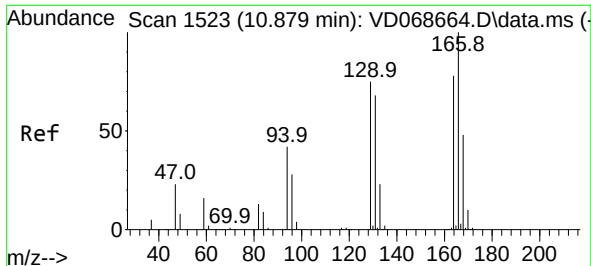
Tgt Ion: 95 Resp: 601256
Ion Ratio Lower Upper
95 100
174 80.8 0.0 168.0
176 78.4 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

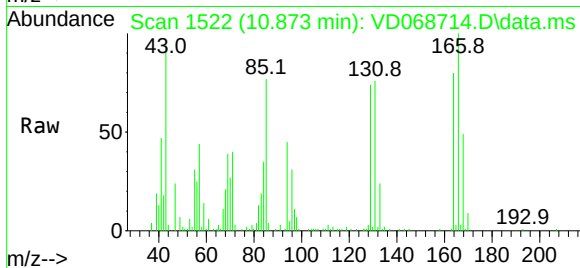
Tgt Ion: 117 Resp: 1264104
Ion Ratio Lower Upper
117 100
82 52.4 43.5 65.3
119 30.7 26.7 40.1



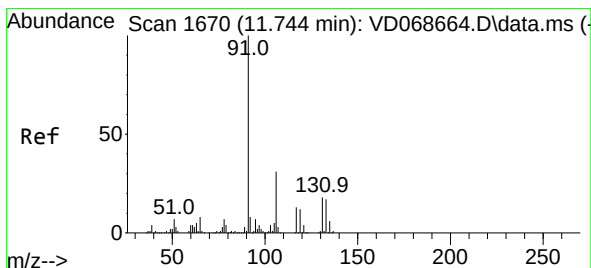
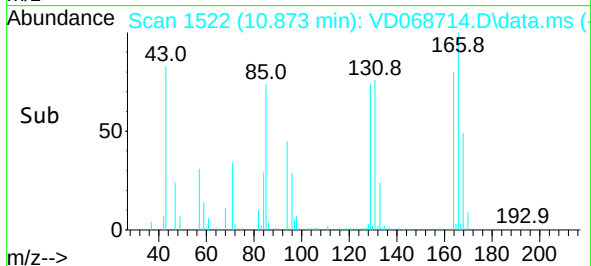
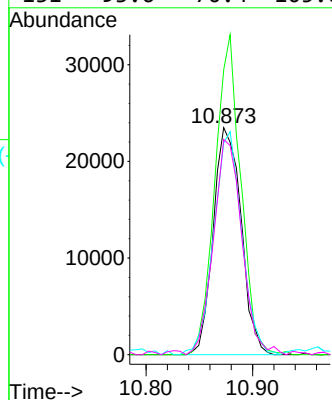


#64
Tetrachloroethene
Concen: 5.19 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.006 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

Instrument :
MSVOA_D
ClientSampleId :
B3-0-2

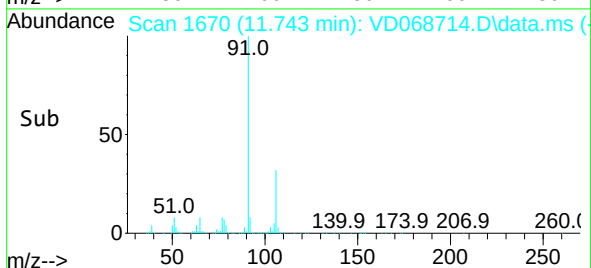
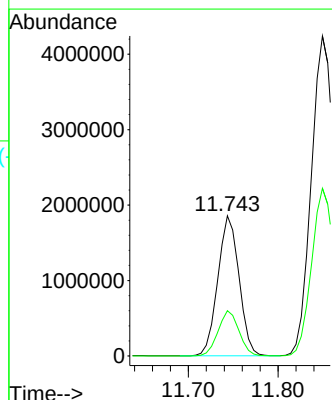
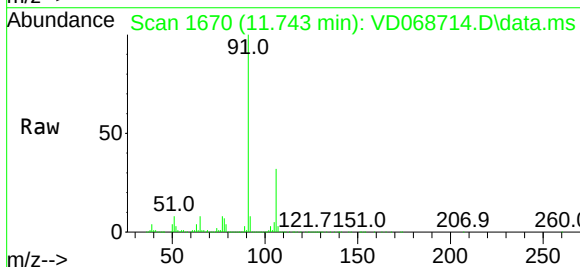


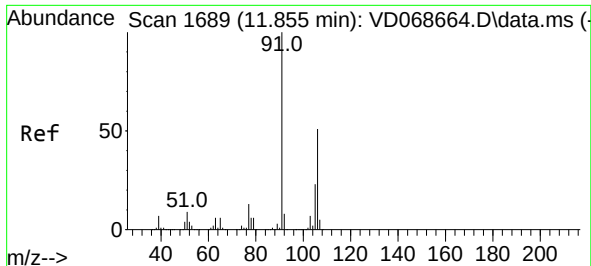
Tgt Ion:	164	Resp:	42493
Ion	Ratio	Lower	Upper
164	100		
166	125.5	103.0	154.6
129	93.3	77.4	116.0
131	93.6	70.4	105.6



#67
Ethyl Benzene
Concen: 70.25 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

Tgt Ion:	91	Resp:	3049036
Ion	Ratio	Lower	Upper
91	100		
106	32.3	25.1	37.7

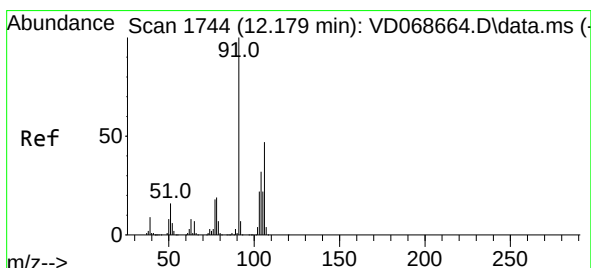
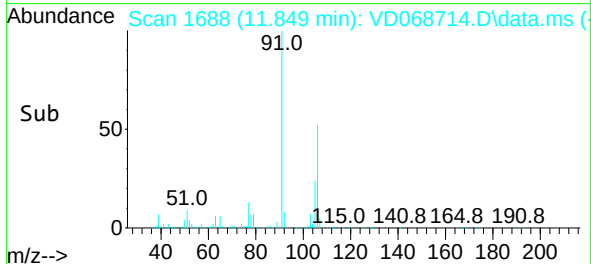
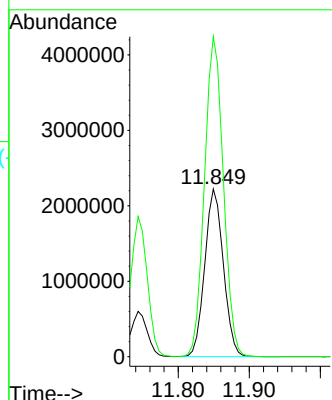
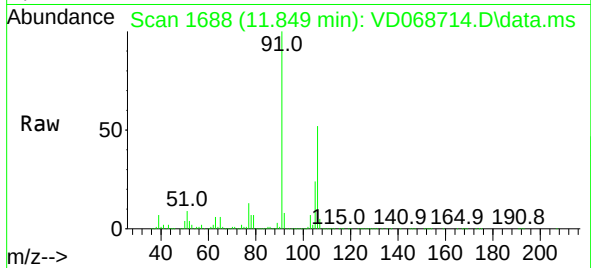




#68
m/p-Xylenes
Concen: 239.42 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

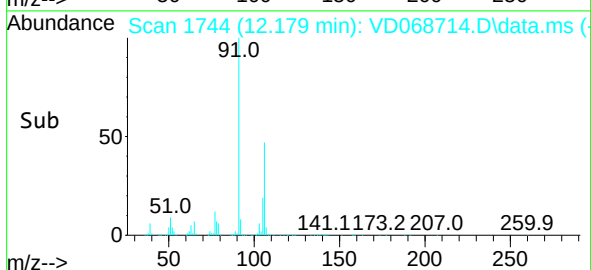
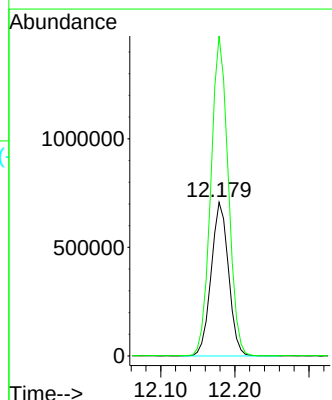
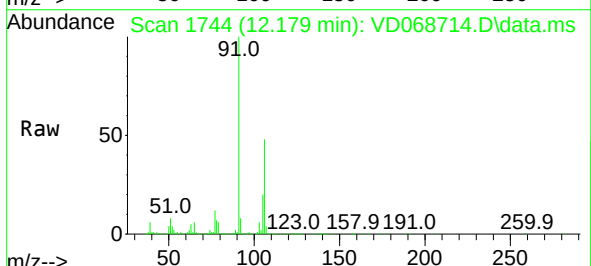
Instrument :
MSVOA_D
ClientSampleId :
B3-0-2

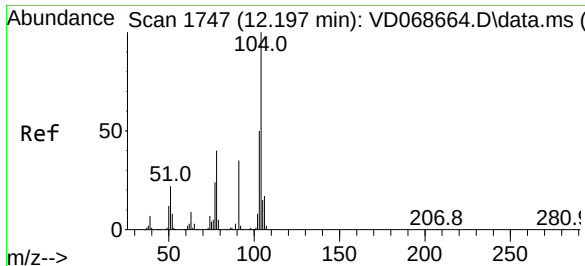
Tgt Ion:106 Resp: 4048372
Ion Ratio Lower Upper
106 100
91 193.5 158.6 238.0



#69
o-Xylene
Concen: 73.27 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

Tgt Ion:106 Resp: 1148263
Ion Ratio Lower Upper
106 100
91 208.5 105.0 315.0

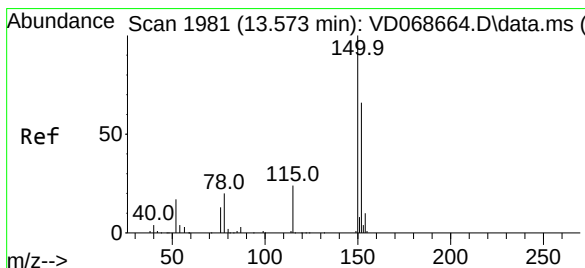
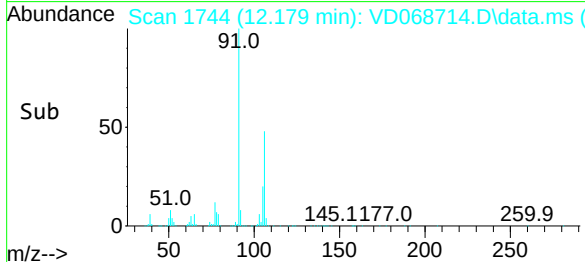
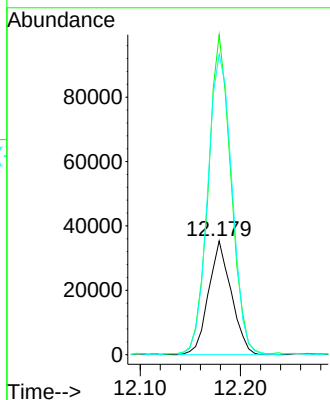
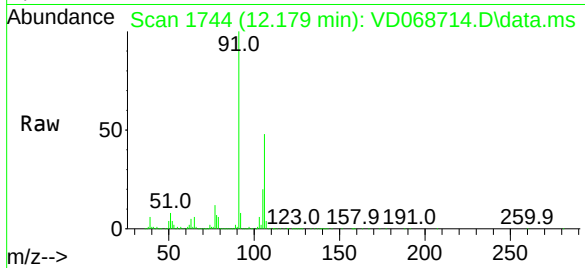




#70
Styrene
Concen: 2.08 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.018 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

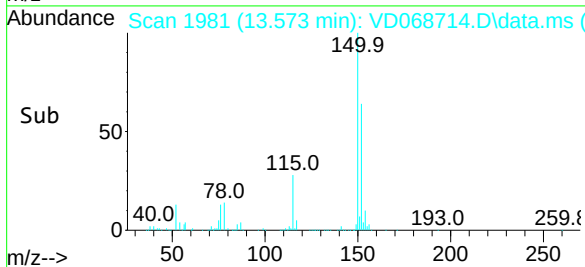
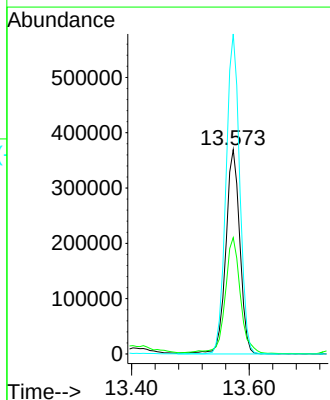
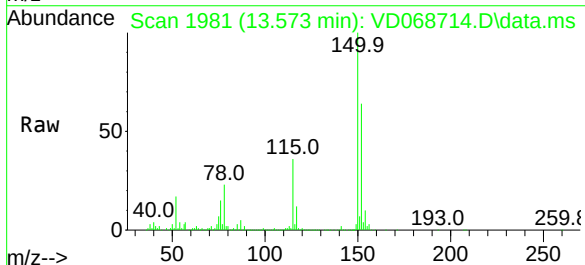
Instrument :
MSVOA_D
ClientSampled :
B3-0-2

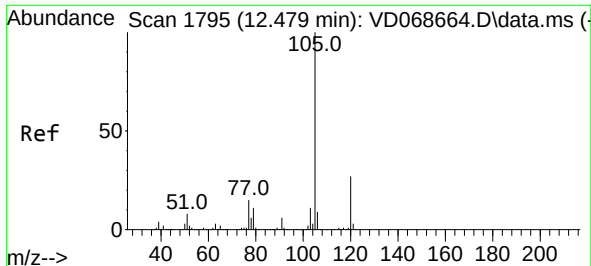
Tgt Ion:104 Resp: 55970
Ion Ratio Lower Upper
104 100
78 280.1 36.9 55.3#
103 281.7 44.3 66.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

Tgt Ion:152 Resp: 610678
Ion Ratio Lower Upper
152 100
115 61.9 29.3 87.8
150 152.8 0.0 347.6

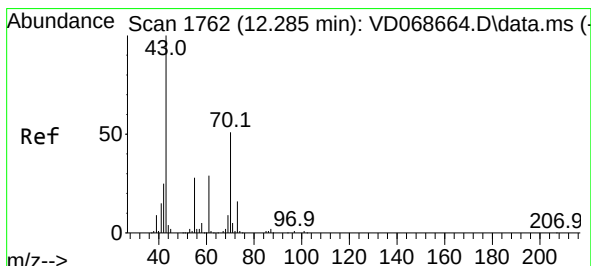
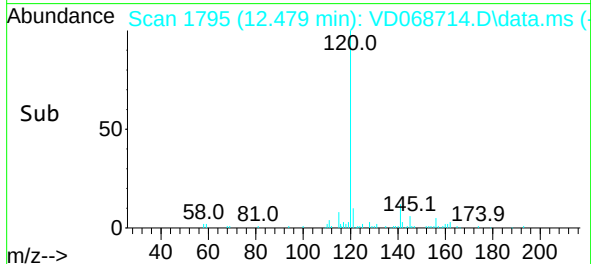
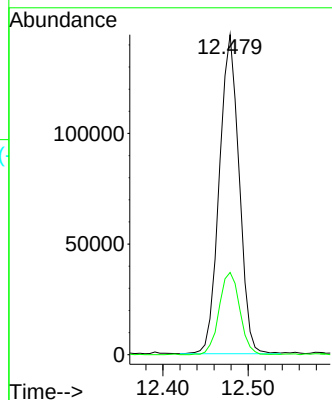
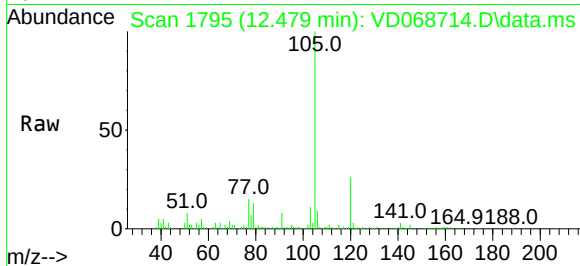




#73
Isopropylbenzene
Concen: 5.56 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

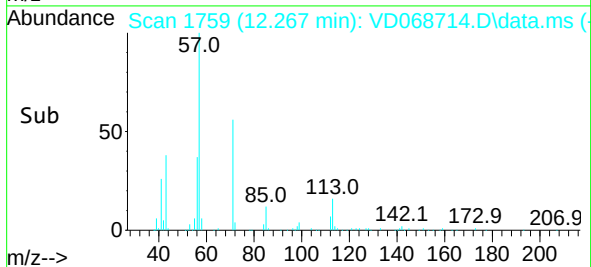
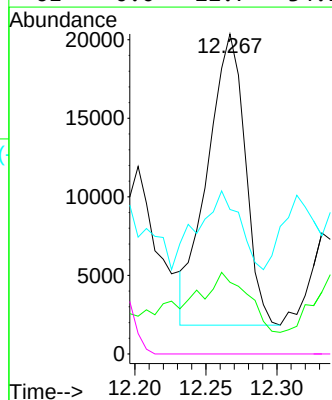
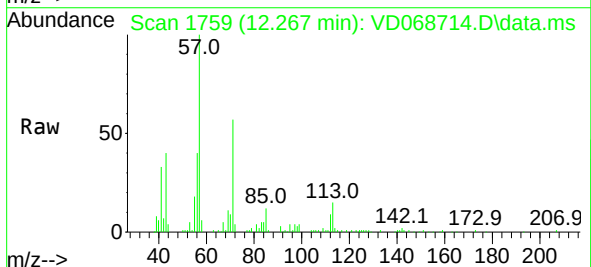
Instrument :
MSVOA_D
ClientSampleId :
B3-0-2

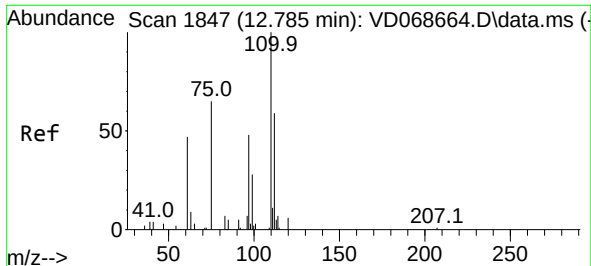
Tgt Ion:105 Resp: 233132
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2



#74
N-ethyl acetate
Concen: 4.90 ug/l
RT: 12.267 min Scan# 1759
Delta R.T. -0.018 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

Tgt Ion: 43 Resp: 34244
Ion Ratio Lower Upper
43 100
70 33.6 41.9 62.9#
55 29.4 22.8 34.2
61 0.0 22.7 34.1#

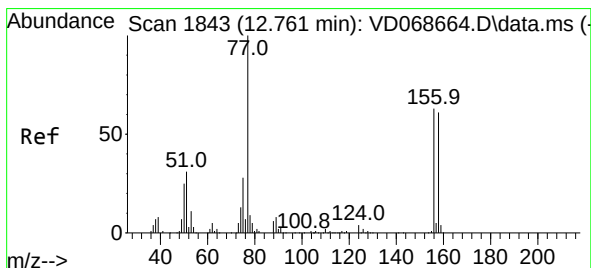
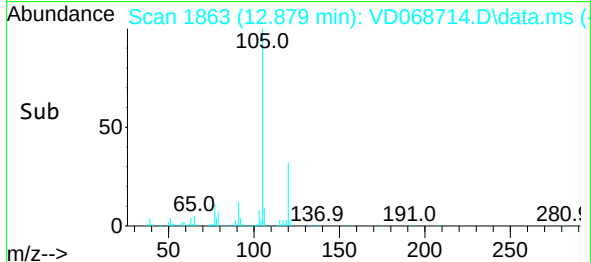
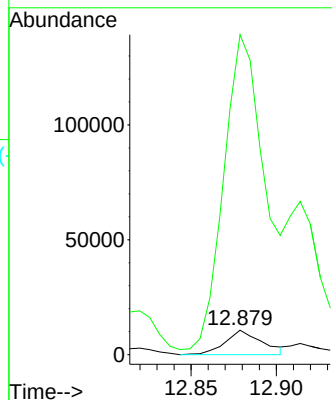
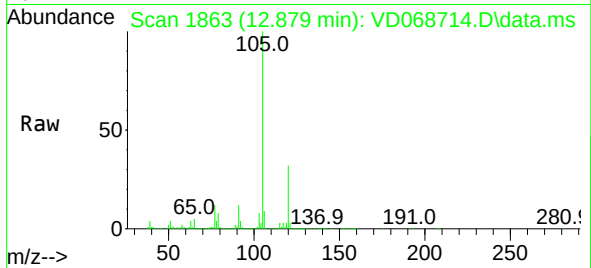




#76
1,2,3-Trichloropropane
Concen: 3.13 ug/l
RT: 12.879 min Scan# 1863
Delta R.T. 0.094 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

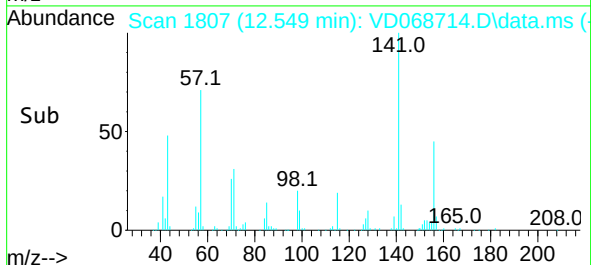
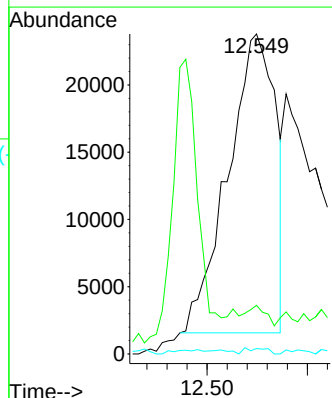
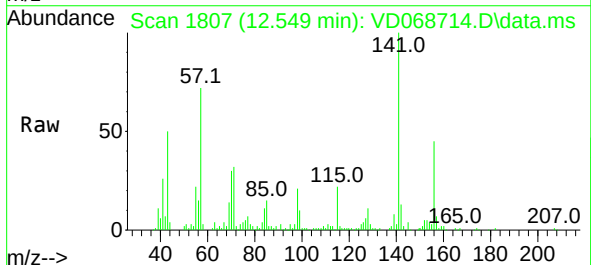
Instrument :
MSVOA_D
ClientSampled :
B3-0-2

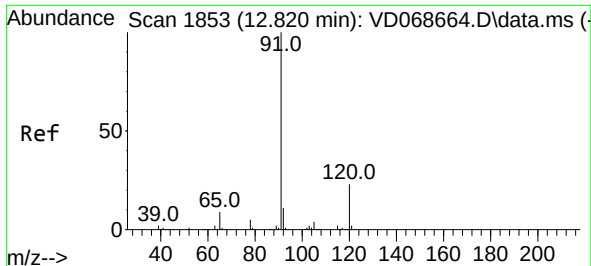
Tgt Ion: 75 Resp: 15925
Ion Ratio Lower Upper
75 100
77 1436.4 0.0 0.0#



#77
Bromobenzene
Concen: 7.43 ug/l
RT: 12.549 min Scan# 1807
Delta R.T. -0.212 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

Tgt Ion: 156 Resp: 73130
Ion Ratio Lower Upper
156 100
77 0.0 88.9 266.8#
158 0.9 47.7 143.1#

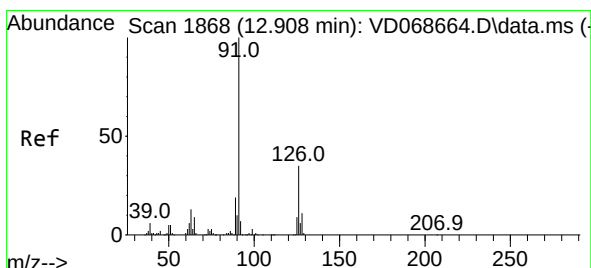
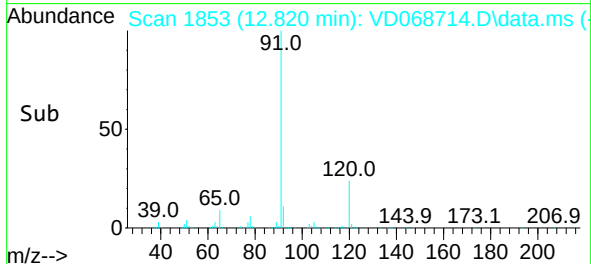
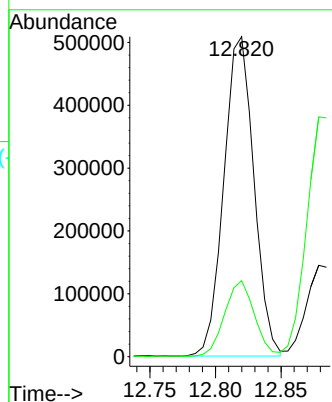
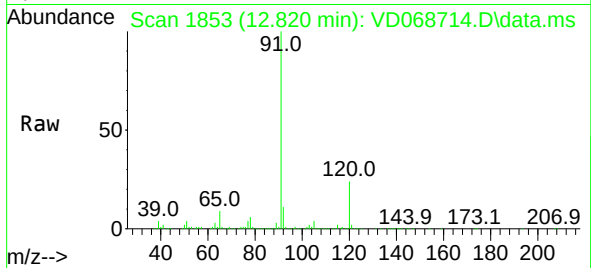




#78
n-propylbenzene
Concen: 16.23 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

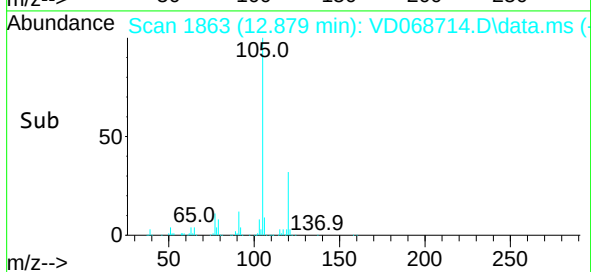
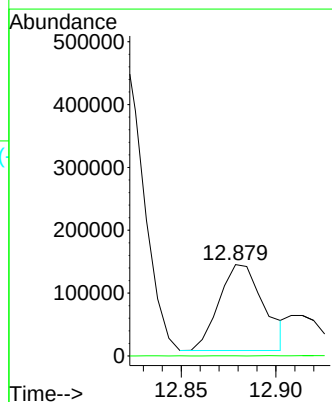
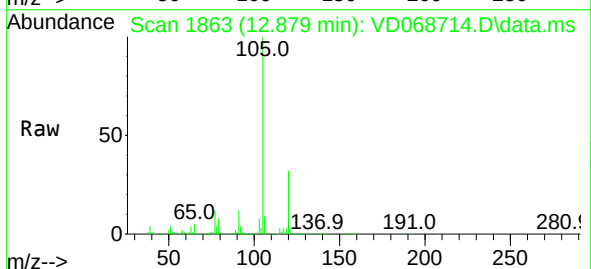
Instrument :
MSVOA_D
ClientSampled :
B3-0-2

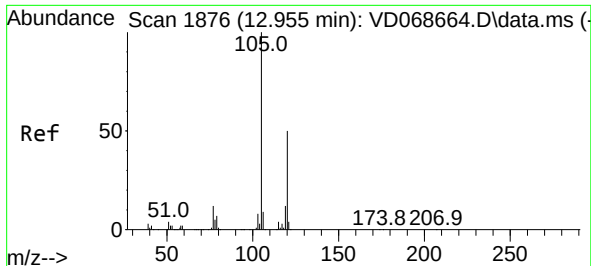
Tgt Ion: 91 Resp: 810789
Ion Ratio Lower Upper
91 100
120 23.5 11.4 34.2



#79
2-Chlorotoluene
Concen: 8.26 ug/l
RT: 12.879 min Scan# 1863
Delta R.T. -0.030 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

Tgt Ion: 91 Resp: 225075
Ion Ratio Lower Upper
91 100
126 0.1 17.1 51.3#

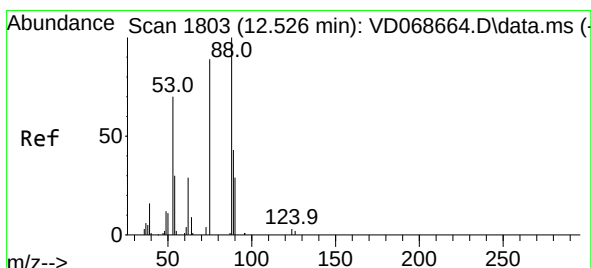
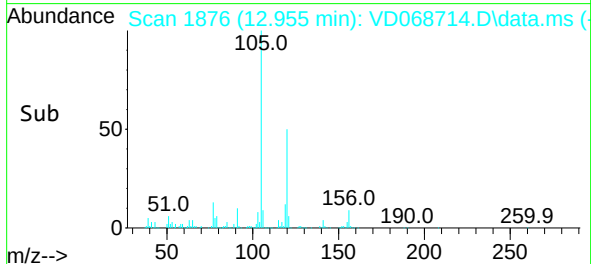
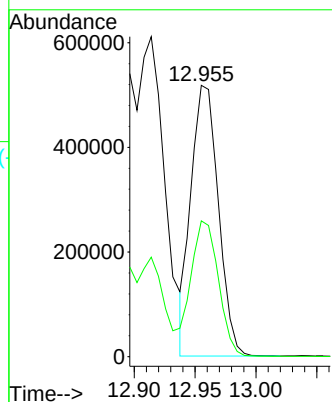
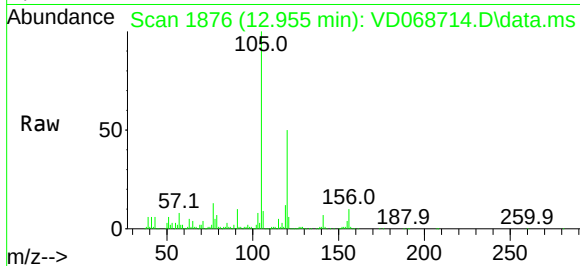




#80
1,3,5-Trimethylbenzene
Concen: 23.80 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

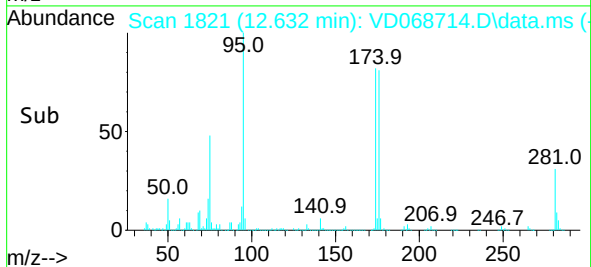
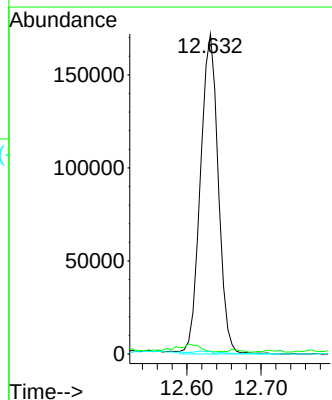
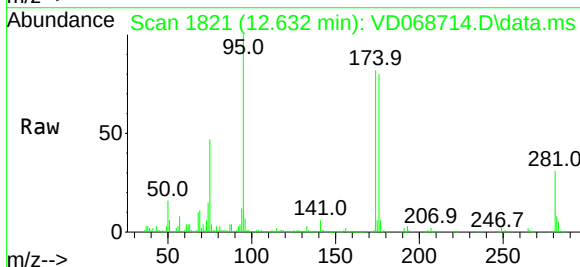
Instrument :
MSVOA_D
ClientSampleId :
B3-0-2

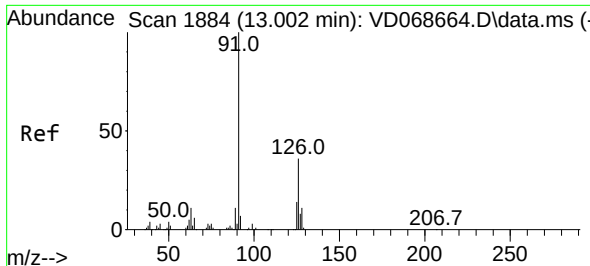
Tgt Ion:105 Resp: 807595
Ion Ratio Lower Upper
105 100
120 52.1 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 128.65 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

Tgt Ion: 75 Resp: 287412
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.4 36.6 54.8#

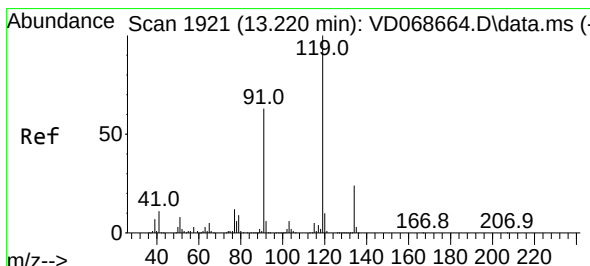
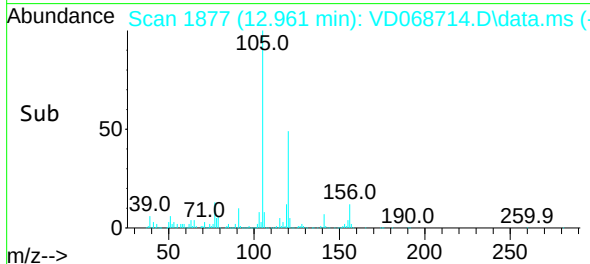
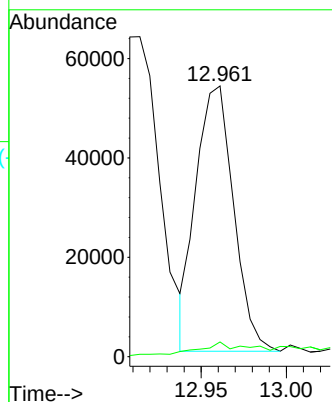
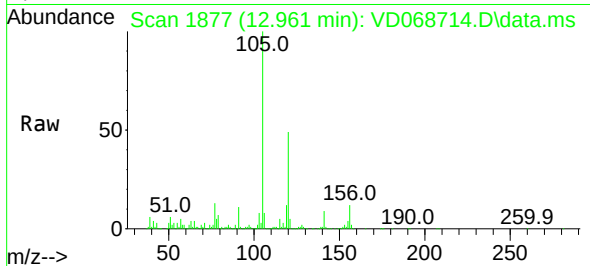




#82
4-Chlorotoluene
Concen: 2.82 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. -0.041 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

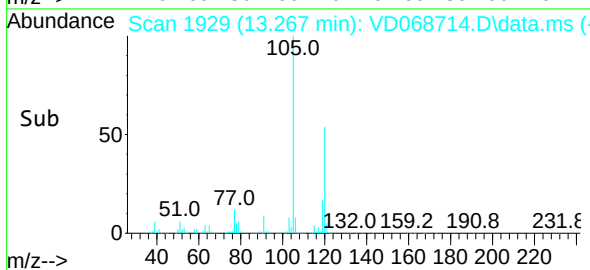
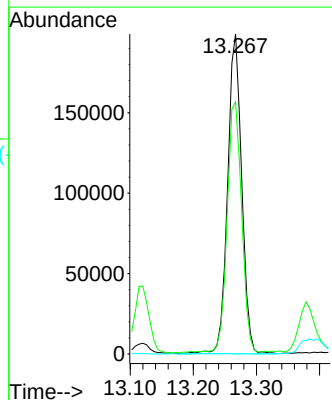
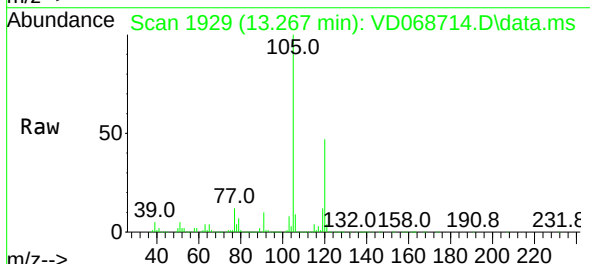
Instrument :
MSVOA_D
ClientSampled :
B3-0-2

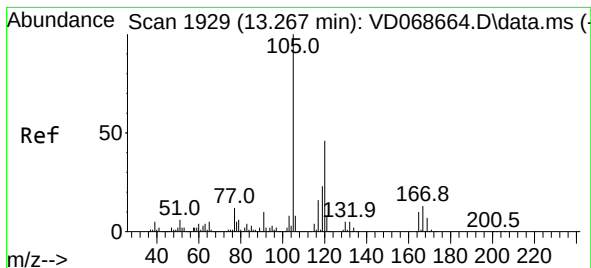
Tgt Ion: 91 Resp: 82083
Ion Ratio Lower Upper
91 100
126 7.1 17.2 51.5#



#83
tert-Butylbenzene
Concen: 10.65 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.047 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

Tgt Ion: 119 Resp: 307991
Ion Ratio Lower Upper
119 100
91 81.5 31.6 95.0
134 0.0 13.4 40.2#

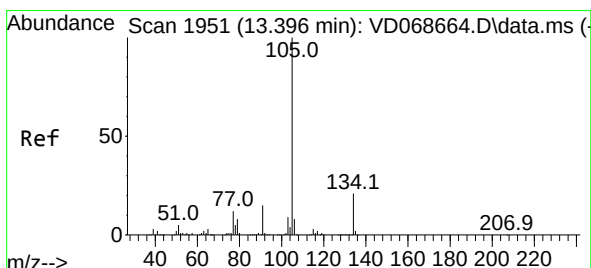
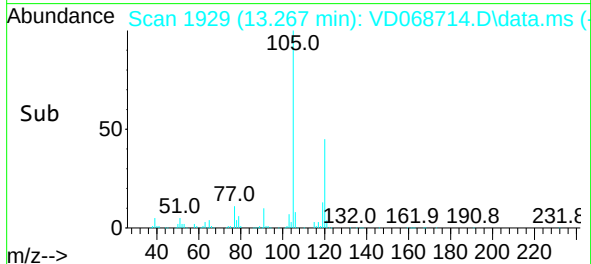
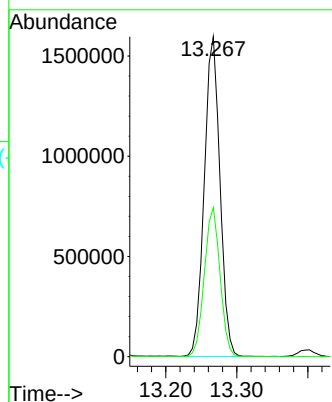
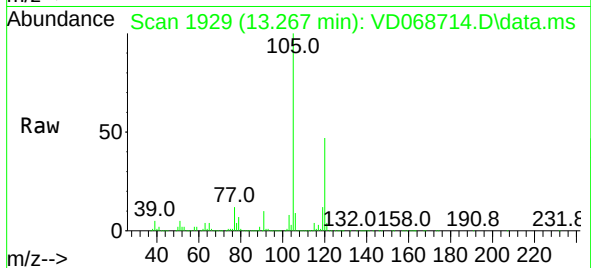




#84
1,2,4-Trimethylbenzene
Concen: 70.03 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.000 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

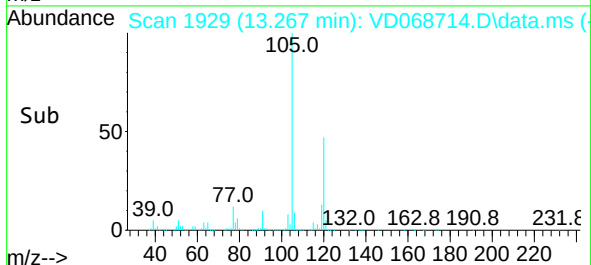
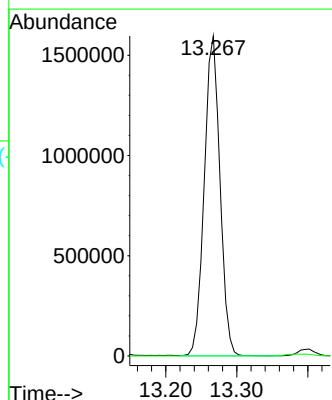
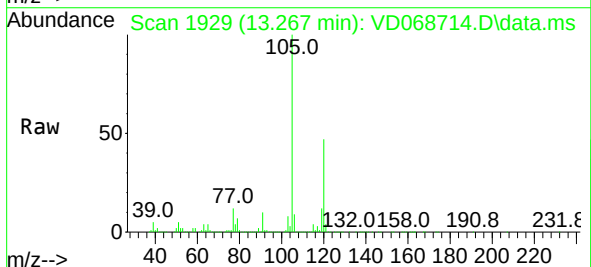
Instrument :
MSVOA_D
ClientSampleId :
B3-0-2

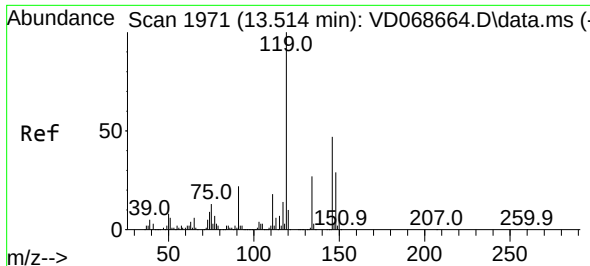
Tgt Ion:105 Resp: 2454785
Ion Ratio Lower Upper
105 100
120 46.6 22.6 67.7



#85
sec-Butylbenzene
Concen: 58.39 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.130 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

Tgt Ion:105 Resp: 2454785
Ion Ratio Lower Upper
105 100
134 0.0 10.0 29.8#

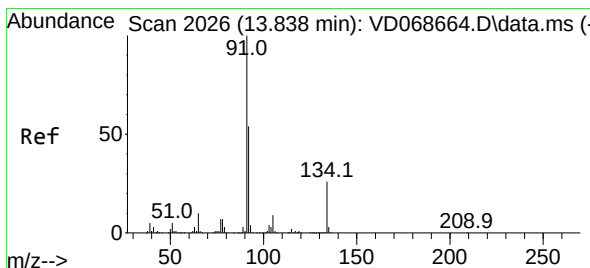
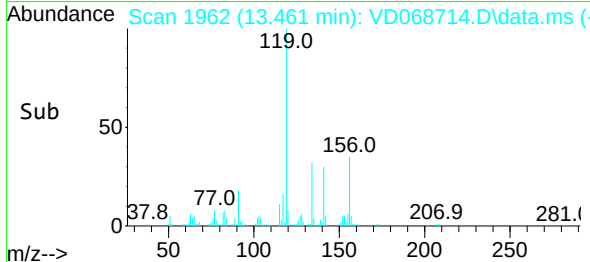
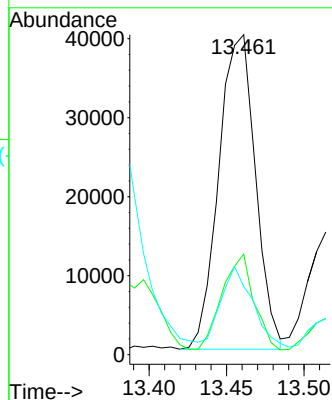
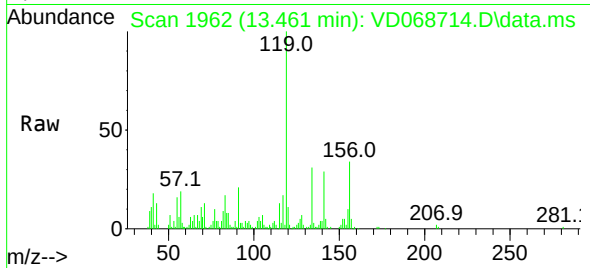




#86
p-Isopropyltoluene
Concen: 1.71 ug/l
RT: 13.461 min Scan# 1962
Delta R.T. -0.053 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

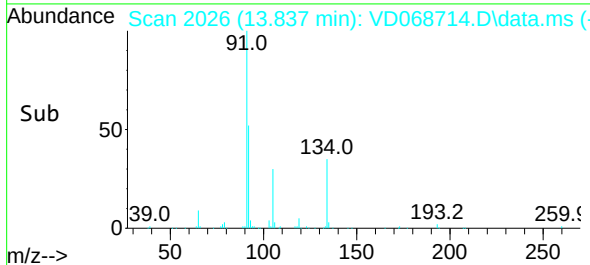
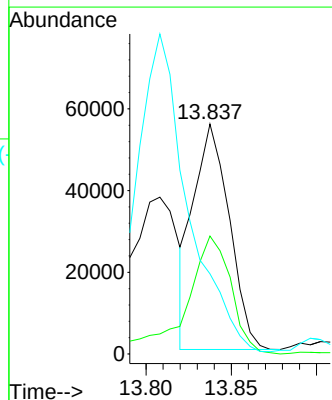
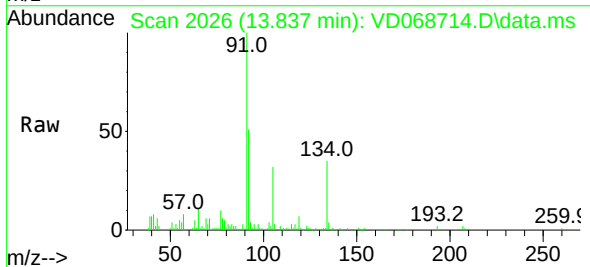
Instrument :
MSVOA_D
ClientSampled :
B3-0-2

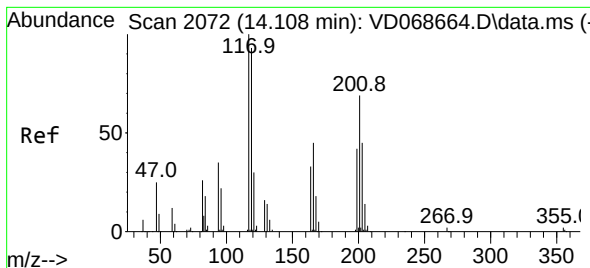
Tgt Ion:119 Resp: 65535
Ion Ratio Lower Upper
119 100
134 29.3 13.3 39.9
91 22.3 11.1 33.1



#89
n-Butylbenzene
Concen: 2.22 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. -0.000 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

Tgt Ion: 91 Resp: 80706
Ion Ratio Lower Upper
91 100
92 63.9 26.7 80.1
134 0.0 12.9 38.6#

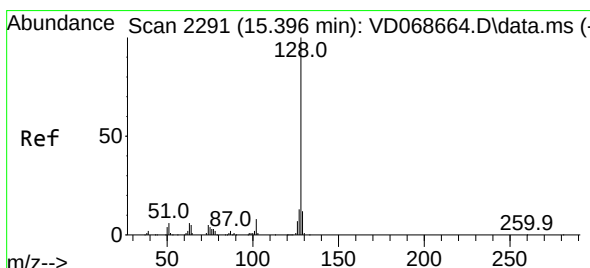
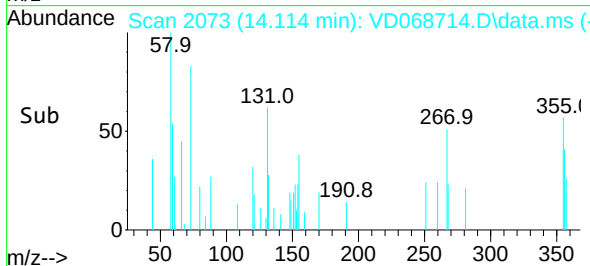
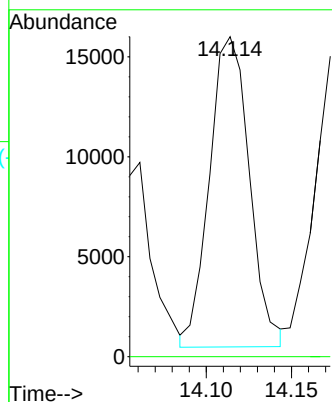
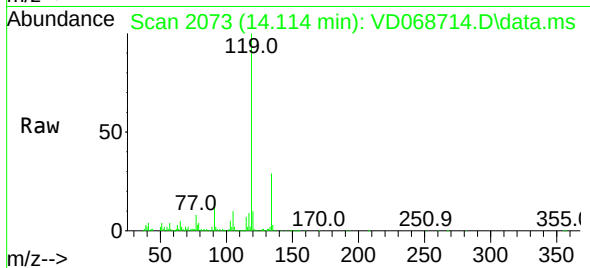




#90
Hexachloroethane
Concen: 3.67 ug/l
RT: 14.114 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

Instrument :
MSVOA_D
ClientSampled :
B3-0-2

Tgt Ion:117 Resp: 25255
Ion Ratio Lower Upper
117 100
201 0.0 35.4 106.2#



#95
Naphthalene
Concen: 16.42 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.000 min
Lab File: VD068714.D
Acq: 29 Mar 2021 22:44

Tgt Ion:128 Resp: 311418
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.4
129 11.2 8.9 13.3

