

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060321\
 Data File : VD069335.D
 Acq On : 03 Jun 2021 20:00
 Operator : VA/SY
 Sample : M2583-03
 Misc : 1.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 04 09:39:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	517882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	842536	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	723734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	297359	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	203330	40.92	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	81.84%		
35) Dibromofluoromethane	7.914	113	250061	47.26	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.52%		
50) Toluene-d8	10.344	98	975063	50.68	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.36%		
62) 4-Bromofluorobenzene	12.626	95	316694	50.23	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.46%		
Target Compounds						Qvalue
10) Methyl Iodide	4.297	142	437	2.58	ug/l #	40
11) Tert butyl alcohol	5.226	59	10106	7.81	ug/l #	73
13) Acrolein	3.873	56	2350	23.74	ug/l #	1
15) Acrylonitrile	5.491	53	10915	11.69	ug/l #	33
16) Acetone	4.156	43	13075317	15078.27	ug/l	90
18) Methyl Acetate	4.726	43	5387	2.30	ug/l #	77
20) Methylene Chloride	4.967	84	22137	Below Cal	#	78
23) Vinyl Acetate	6.273	43	3272	12.02	ug/l #	67
25) 2-Butanone	7.208	43	29177	25.57	ug/l #	60
29) Tetrahydrofuran	7.550	42	686	1.05	ug/l #	27
31) Cyclohexane	7.961	56	1553377	196.73	ug/l #	44
36) 1,1-Dichloropropene	7.979	75	36001	4.40	ug/l #	50
38) Carbon Tetrachloride	7.979	117	49783	5.63	ug/l #	14
39) Methylcyclohexane	9.355	83	873227	104.23	ug/l	97
40) Benzene	8.349	78	265580	11.17	ug/l	97
41) Methacrylonitrile	7.738	41	129332	95.80	ug/l #	58
43) Isopropyl Acetate	8.449	43	674123	133.21	ug/l #	46
47) Bromodichloromethane	9.538	83	16930	2.03	ug/l #	28
48) Methyl methacrylate	9.461	41	19173	8.16	ug/l #	76
49) 1,4-Dioxane	9.449	88	66	2.08	ug/l #	27
51) 4-Methyl-2-Pentanone	10.114	43	132367	50.64	ug/l #	39
53) t-1,3-Dichloropropene	10.408	75	694570	93.18	ug/l #	1
55) 1,1,2-Trichloroethane	10.779	97	47447	10.57	ug/l #	21
56) Ethyl methacrylate	10.679	69	10472	4.58	ug/l #	31
59) 2-Hexanone	10.949	43	37047	21.20	ug/l #	26
67) Ethyl Benzene	11.743	91	676383	26.62	ug/l	99
68) m/p-Xylenes	11.849	106	958037	96.22	ug/l	98
69) o-Xylene	12.179	106	494134	56.11	ug/l	99
70) Styrene	12.179	104	28470	1.86	ug/l #	1
73) Isopropylbenzene	12.473	105	221031	10.86	ug/l	99
74) N-amyl acetate	12.267	43	118099	32.86	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	12.667	83	6923	1.82	ug/l #	1
76) 1,2,3-Trichloropropane	12.814	75	5379	2.08	ug/l #	18
77) Bromobenzene	12.961	156	42124	8.59	ug/l #	20
78) n-propylbenzene	12.814	91	748196	29.98	ug/l	98
79) 2-Chlorotoluene	12.879	91	250170	17.63	ug/l #	42

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

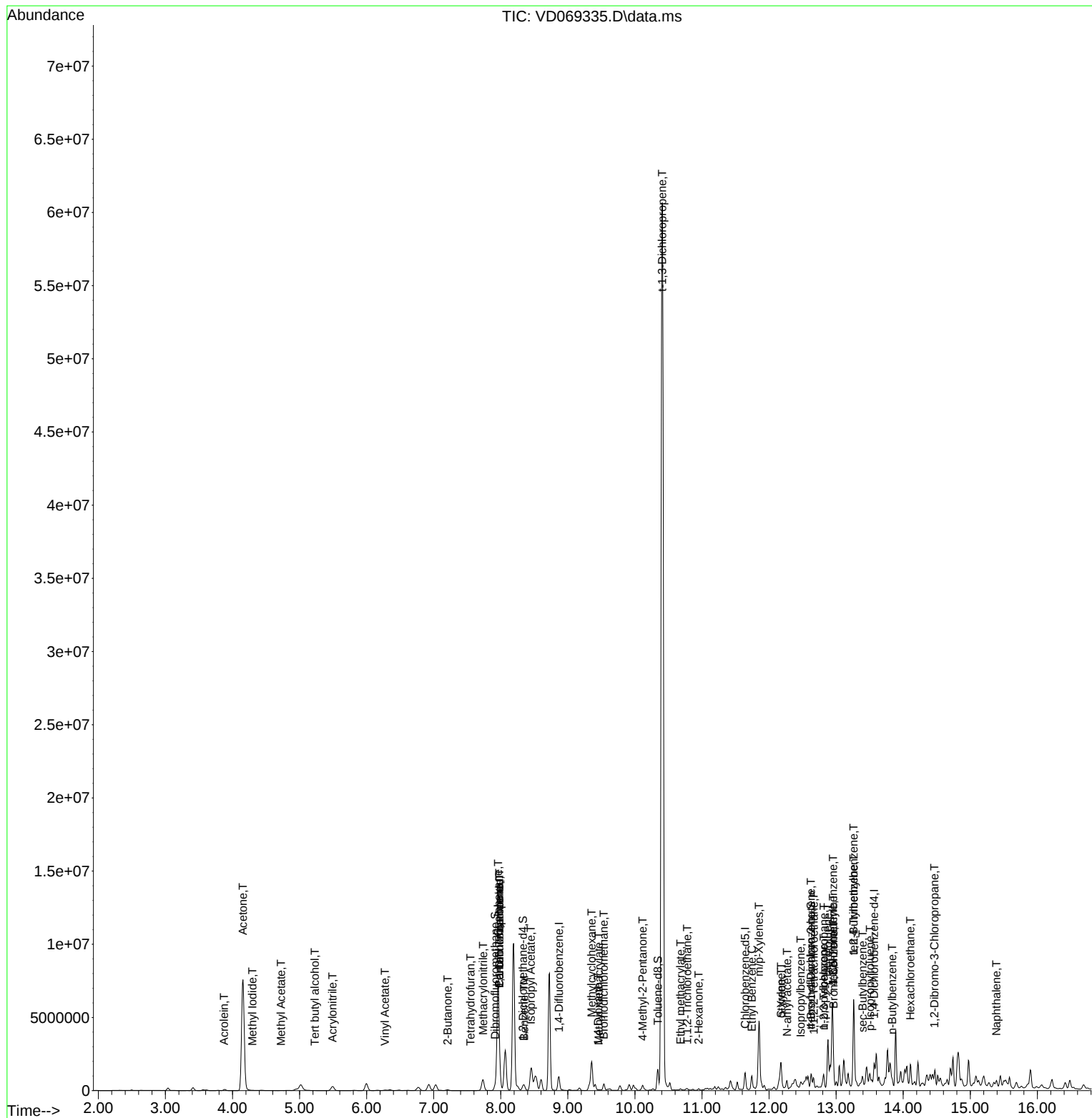
80) 1,3,5-Trimethylbenzene	12.955	105	901921	52.33	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	145206	124.55	ug/l #	18
82) 4-Chlorotoluene	12.955	91	93965	6.30	ug/l #	46
83) tert-Butylbenzene	13.261	119	432923	29.99	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.261	105	3459427	201.82	ug/l	98
85) sec-Butylbenzene	13.396	105	297530	13.97	ug/l	87
86) p-Isopropyltoluene	13.508	119	238534	12.81	ug/l	100
89) n-Butylbenzene	13.837	91	284843	16.34	ug/l #	78
90) Hexachloroethane	14.108	117	68327	19.31	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	14.467	75	2593	4.28	ug/l #	3
95) Naphthalene	15.390	128	399665	40.09	ug/l	98

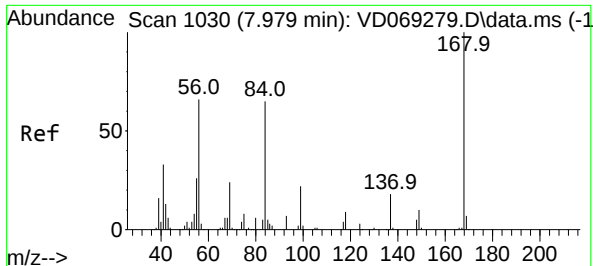
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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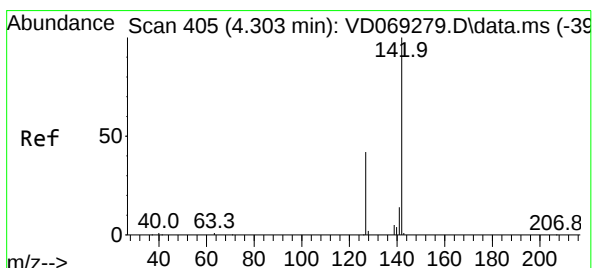
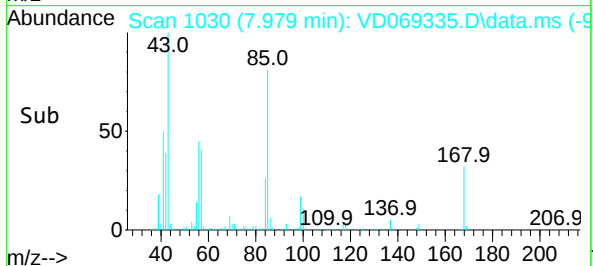
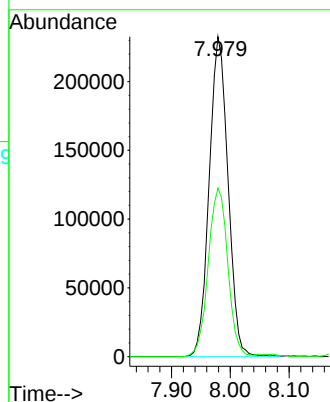
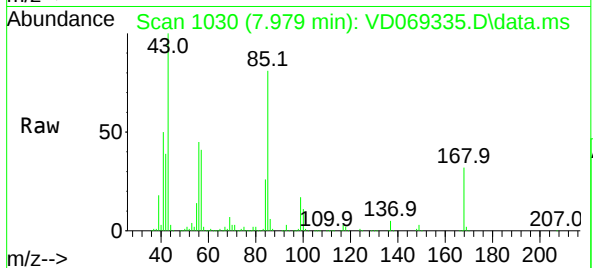




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

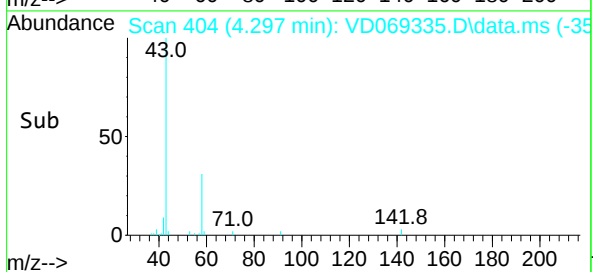
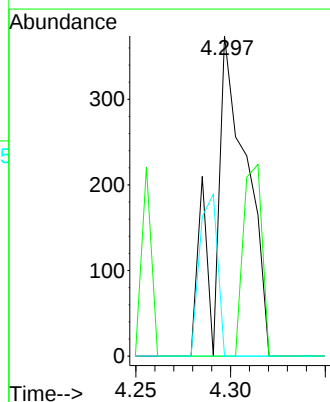
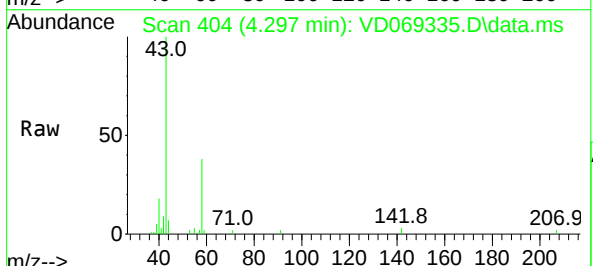
Instrument :
MSVOA_D
ClientSampleId :

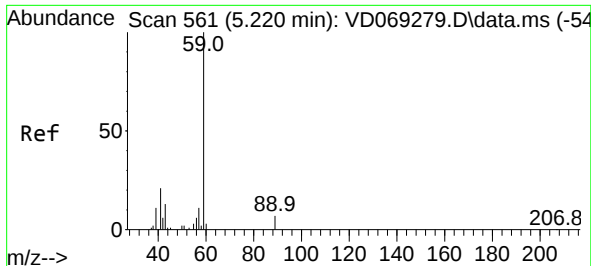
Tgt Ion:168 Resp: 517882
Ion Ratio Lower Upper
168 100
99 52.6 46.2 69.2



#10
Methyl Iodide
Concen: 2.58 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

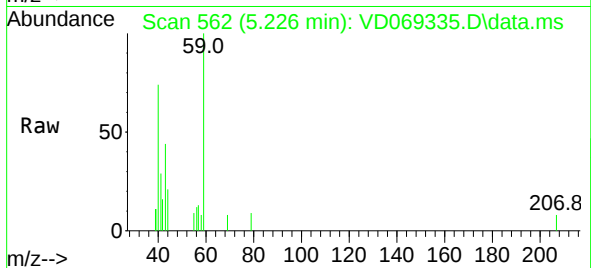
Tgt Ion:142 Resp: 437
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.2#
141 28.4 12.2 18.2#



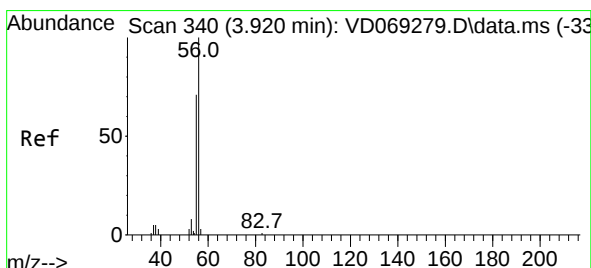
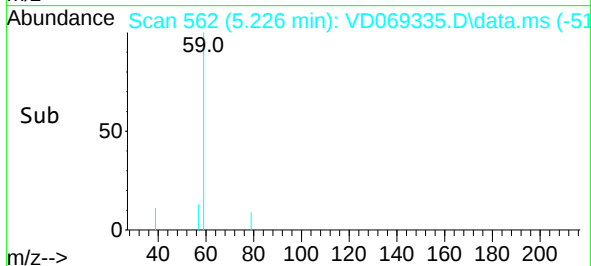
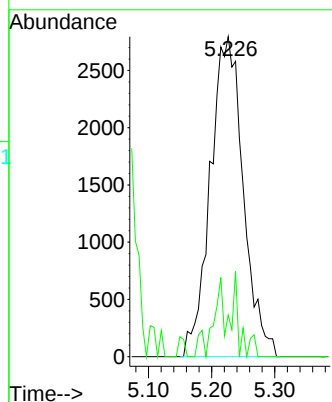


#11
Tert butyl alcohol
Concen: 7.81 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Instrument :
MSVOA_D
ClientSampled :

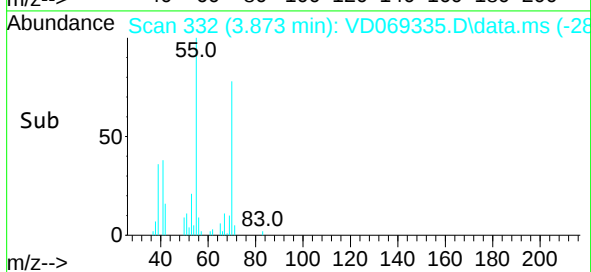
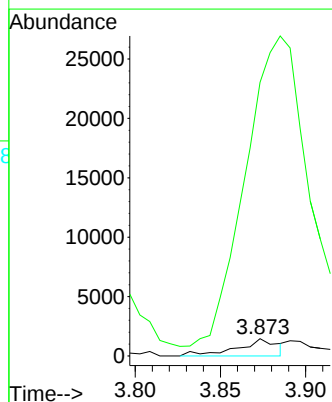
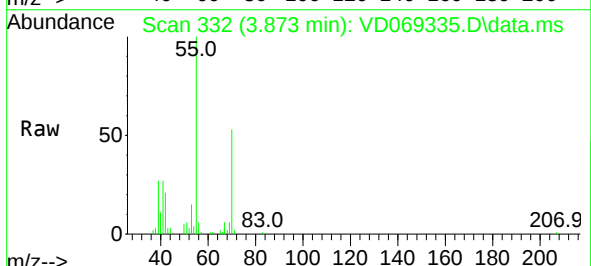


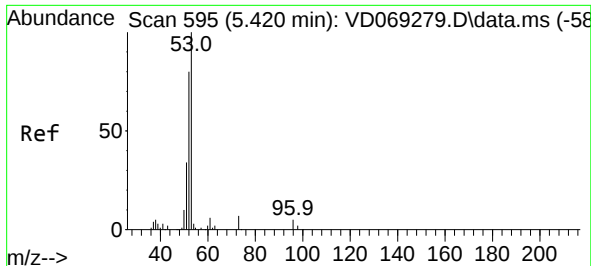
Tgt Ion: 59 Resp: 10106
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 23.74 ug/l
RT: 3.873 min Scan# 332
Delta R.T. -0.047 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion: 56 Resp: 2350
Ion Ratio Lower Upper
56 100
55 3029.1 53.8 80.8#

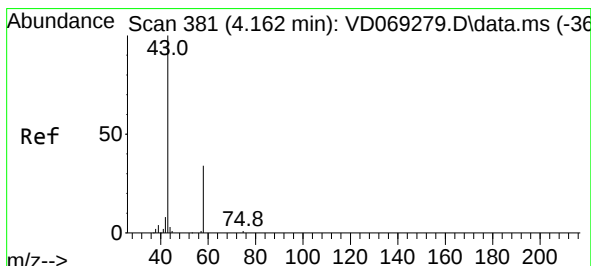
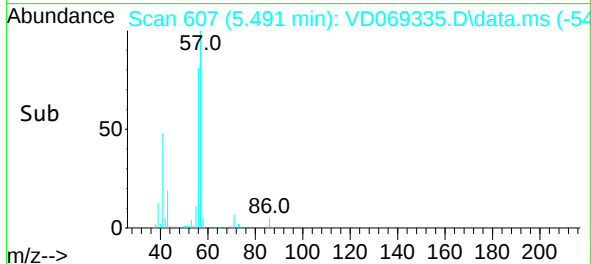
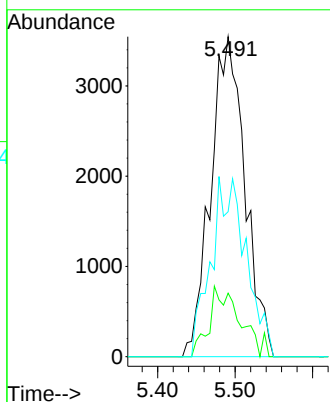
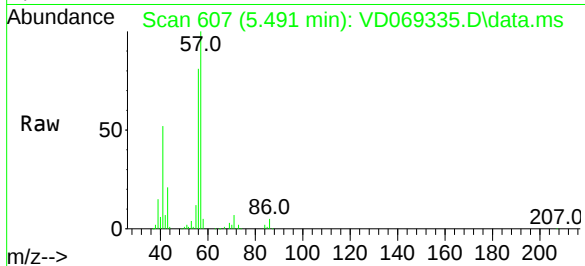




#15
Acrylonitrile
Concen: 11.69 ug/l
RT: 5.491 min Scan# 607
Delta R.T. 0.070 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

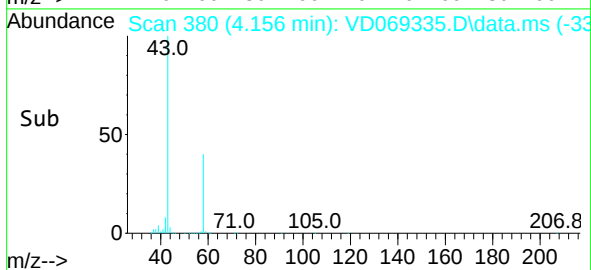
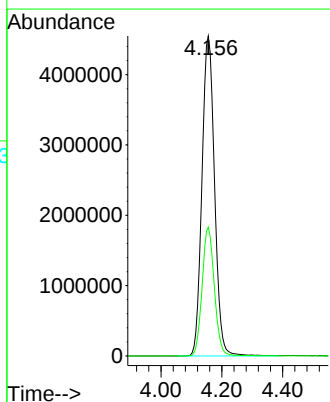
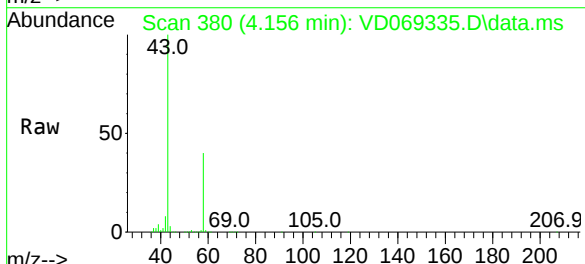
Instrument :
MSVOA_D
ClientSampleId :

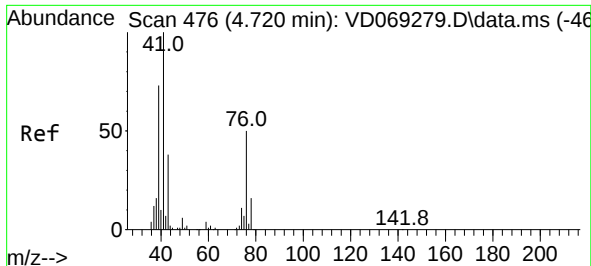
Tgt Ion: 53 Resp: 10915
Ion Ratio Lower Upper
53 100
52 9.4 64.5 96.7#
51 57.2 28.6 43.0#



#16
Acetone
Concen: 15078.27 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion: 43 Resp:13075317
Ion Ratio Lower Upper
43 100
58 40.2 27.5 41.3

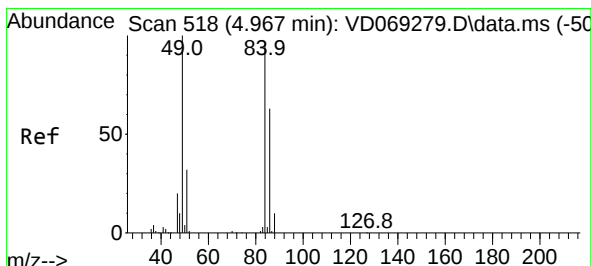
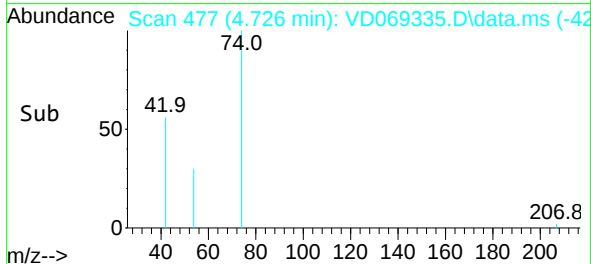
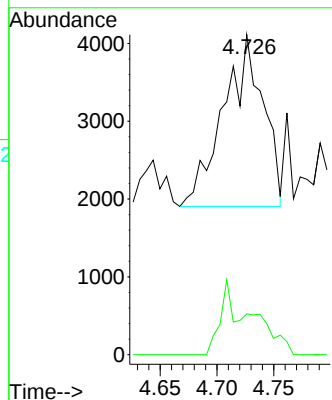
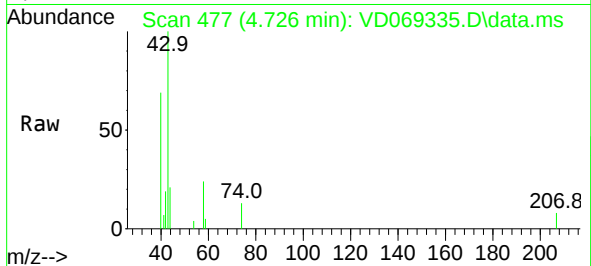




#18
Methyl Acetate
Concen: 2.30 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.006 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

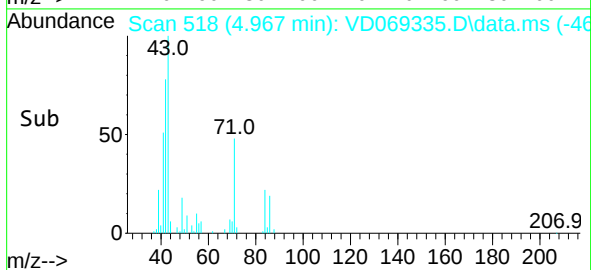
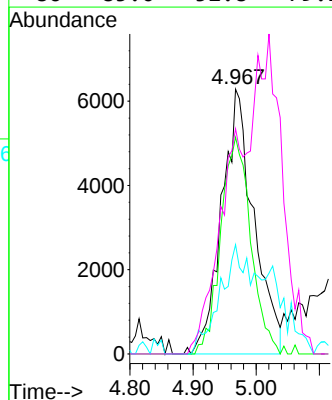
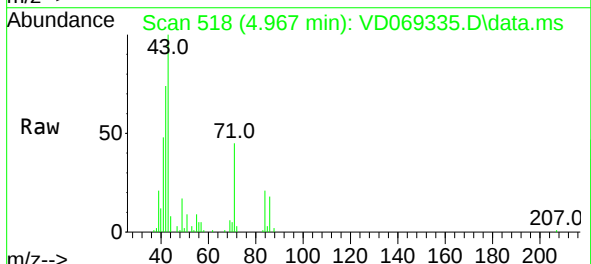
Instrument :
MSVOA_D
ClientSampled :

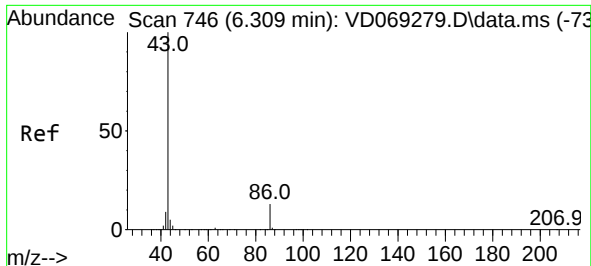
Tgt Ion: 43 Resp: 5387
Ion Ratio Lower Upper
43 100
74 16.1 22.8 34.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion: 84 Resp: 22137
Ion Ratio Lower Upper
84 100
49 81.8 83.7 125.5#
51 41.3 26.4 39.6#
86 85.0 52.8 79.2#

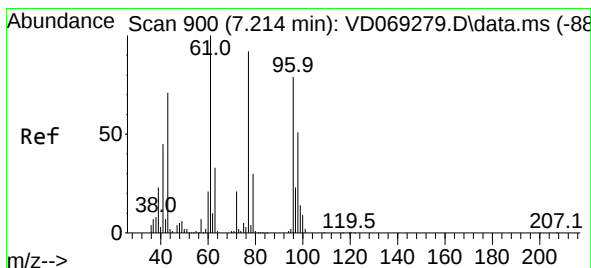
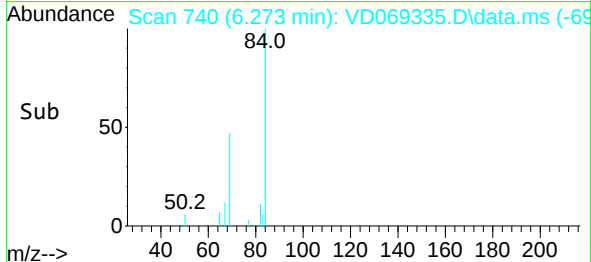
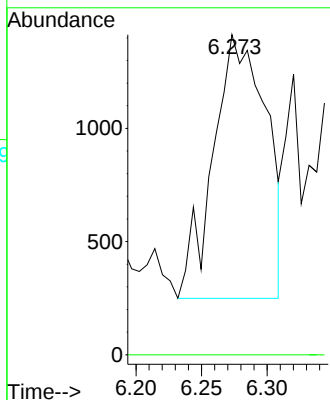
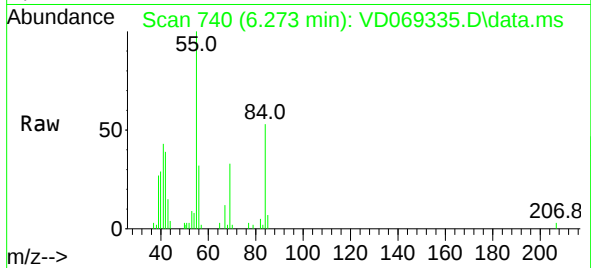




#23
 Vinyl Acetate
 Concen: 12.02 ug/l
 RT: 6.273 min Scan# 740
 Delta R.T. -0.036 min
 Lab File: VD069335.D
 Acq: 03 Jun 2021 20:00

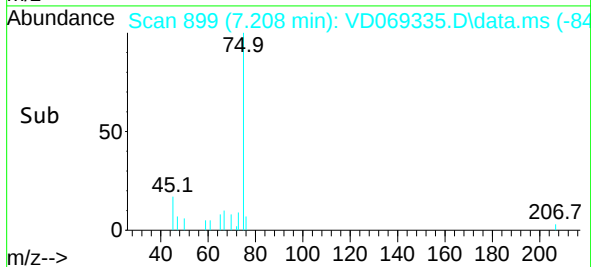
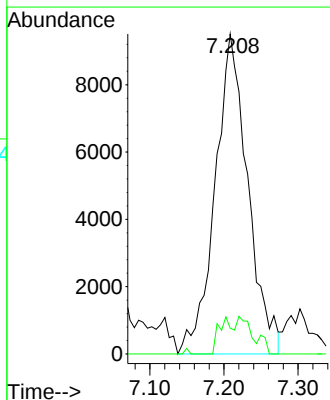
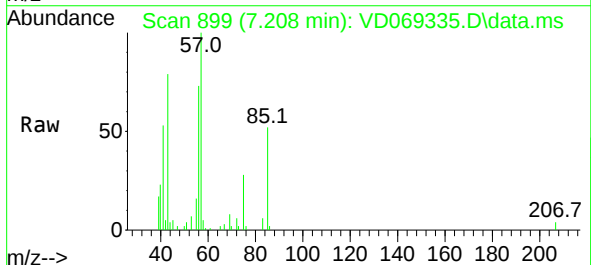
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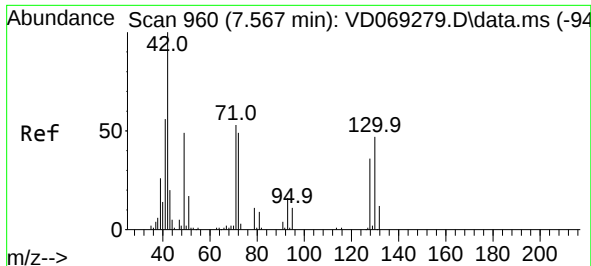
Tgt Ion: 43 Resp: 3272
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.5 15.7#



#25
 2-Butanone
 Concen: 25.57 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. -0.006 min
 Lab File: VD069335.D
 Acq: 03 Jun 2021 20:00

Tgt Ion: 43 Resp: 29177
 Ion Ratio Lower Upper
 43 100
 72 8.0 23.9 35.9#





#29

Tetrahydrofuran

Concen: 1.05 ug/l

RT: 7.550 min Scan# 957

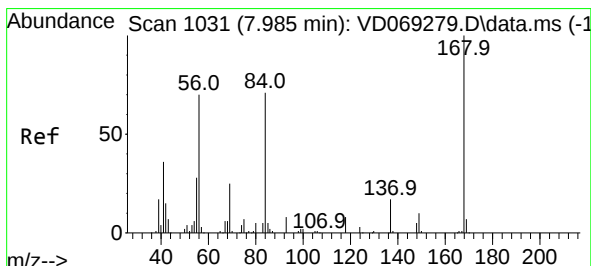
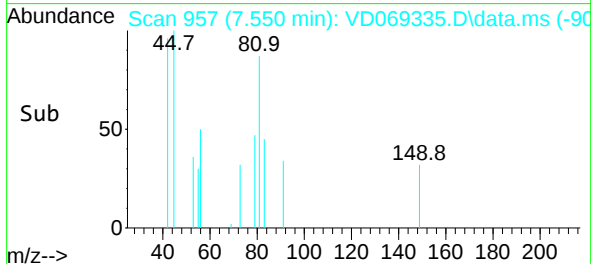
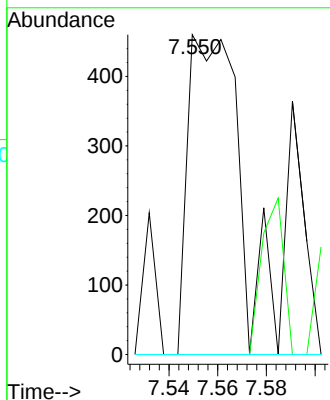
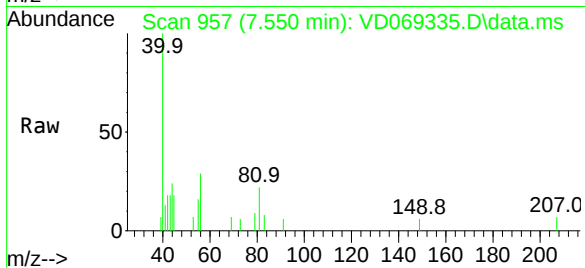
Delta R.T. -0.018 min

Lab File: VD069335.D

Acq: 03 Jun 2021 20:00

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:	42	Resp:	686
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.0	61.6#
71	0.0	38.9	58.3#



#31

Cyclohexane

Concen: 196.73 ug/l

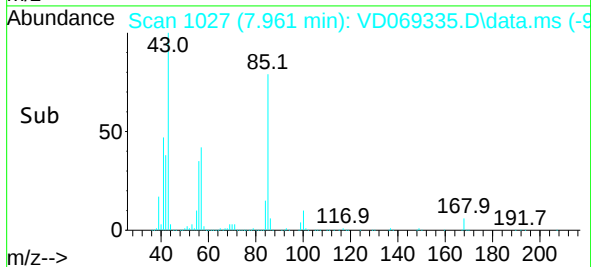
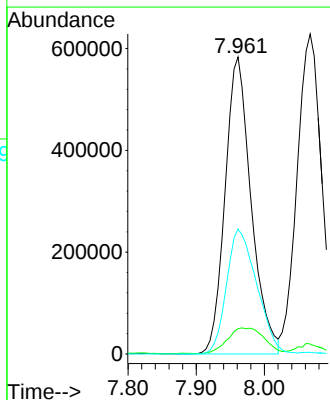
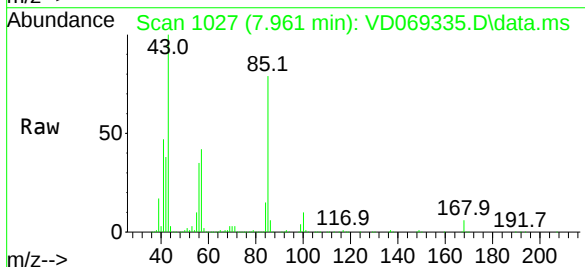
RT: 7.961 min Scan# 1027

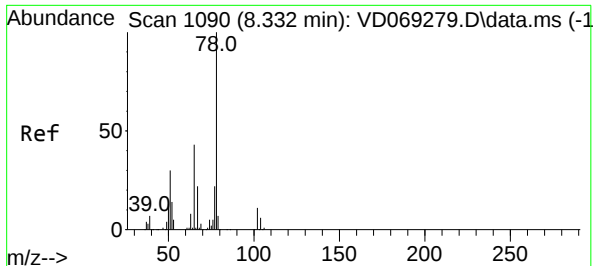
Delta R.T. -0.024 min

Lab File: VD069335.D

Acq: 03 Jun 2021 20:00

Tgt Ion:	56	Resp:	1553377
Ion	Ratio	Lower	Upper
56	100		
69	8.4	29.0	43.4#
84	42.1	81.1	121.7#

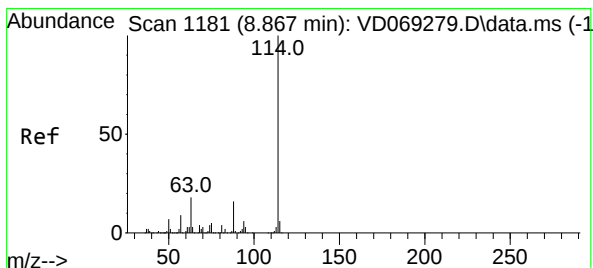
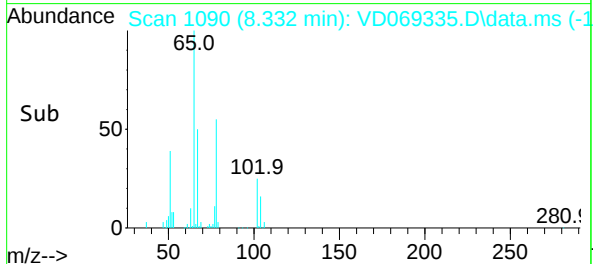
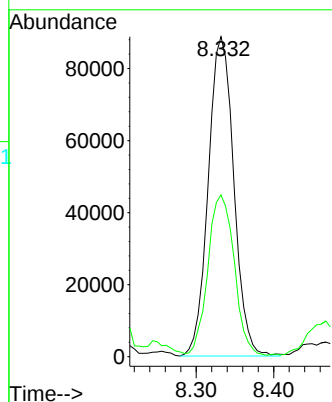
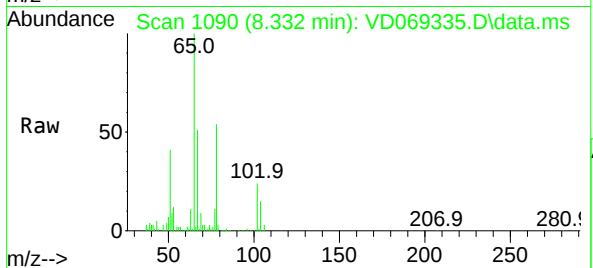




#33
1,2-Dichloroethane-d4
Concen: 40.92 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

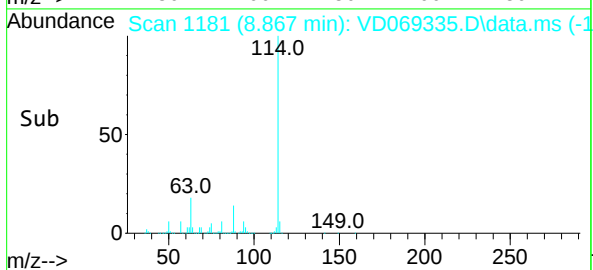
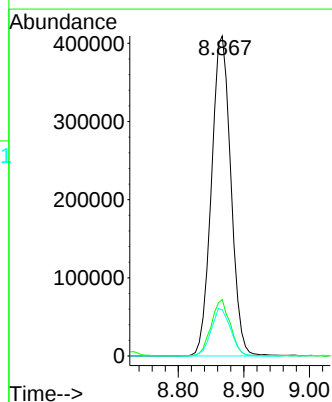
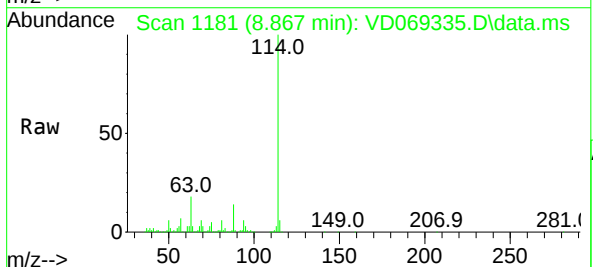
Instrument :
MSVOA_D
ClientSampleId :

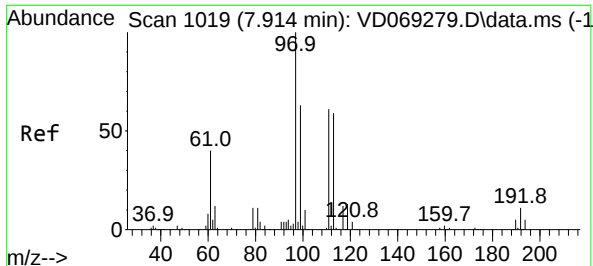
Tgt Ion: 65 Resp: 203330
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion: 114 Resp: 842536
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.6
88 14.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 47.26 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069335.D

Acq: 03 Jun 2021 20:00

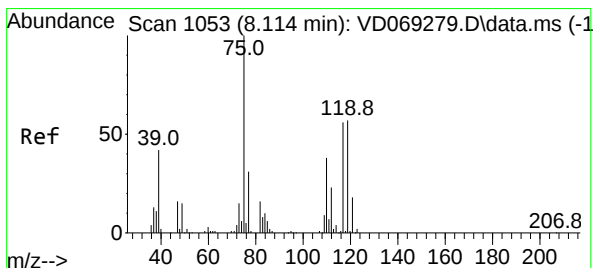
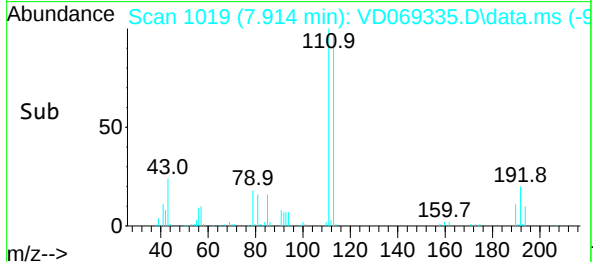
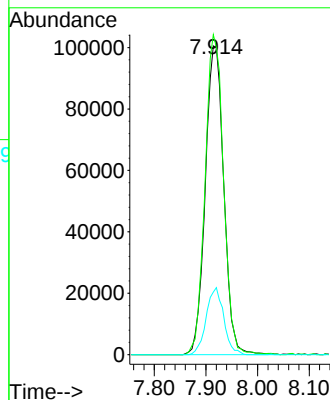
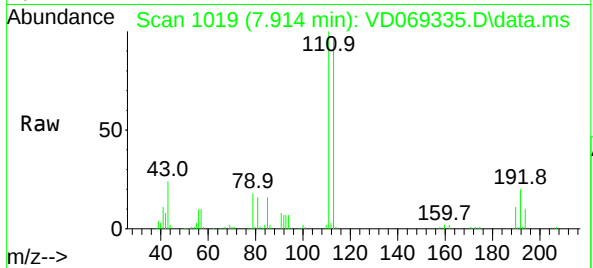
Tgt Ion:113 Resp: 250061

Ion Ratio Lower Upper

113 100

111 103.1 83.0 124.6

192 20.5 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.40 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD069335.D

Acq: 03 Jun 2021 20:00

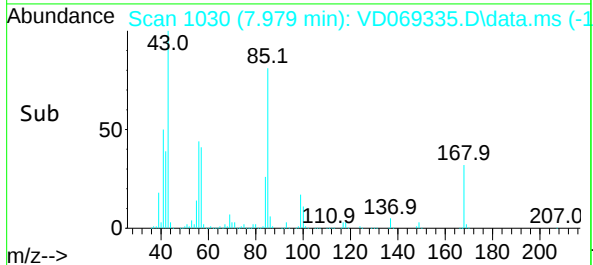
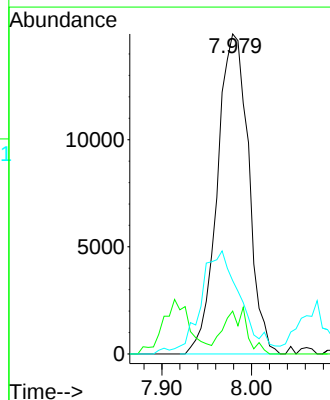
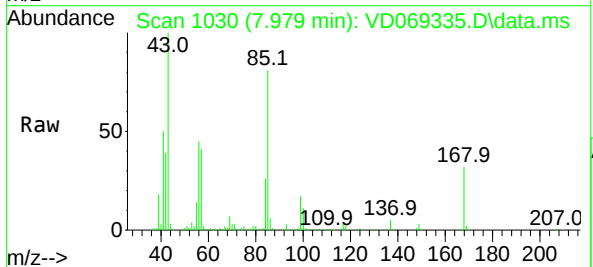
Tgt Ion: 75 Resp: 36001

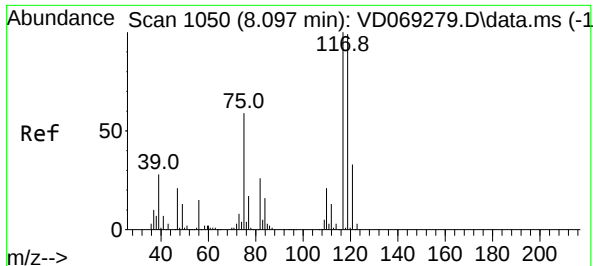
Ion Ratio Lower Upper

75 100

110 10.6 18.4 55.2#

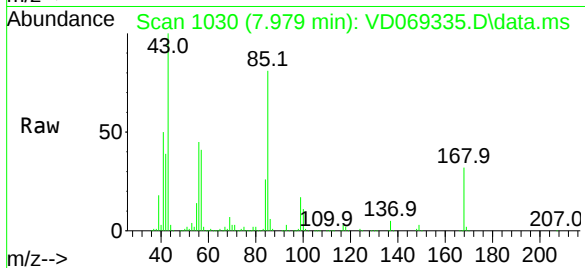
77 0.0 24.9 37.3#



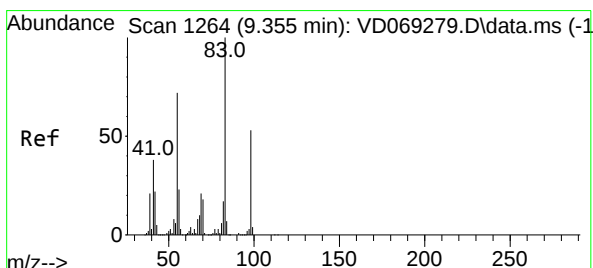
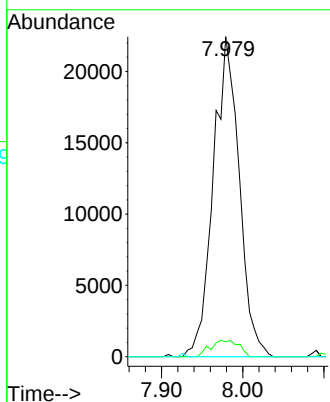
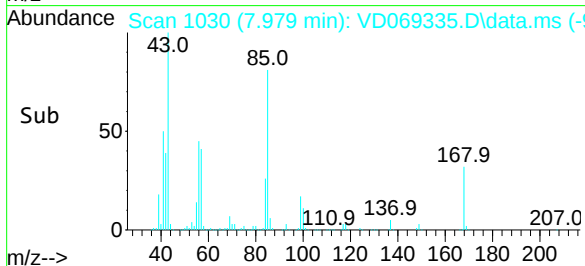


#38
Carbon Tetrachloride
Concen: 5.63 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

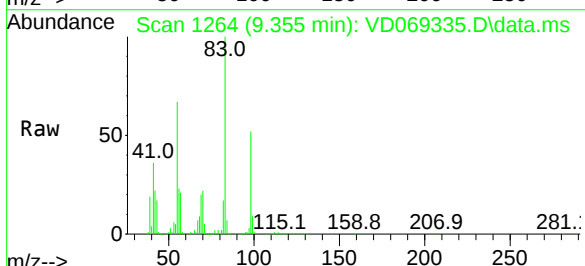
Instrument :
MSVOA_D
ClientSampleId :



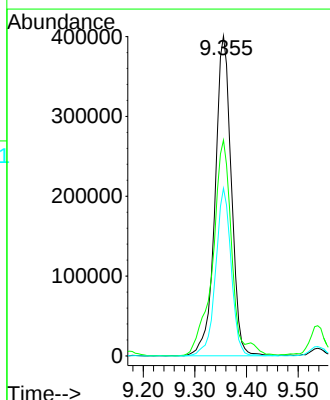
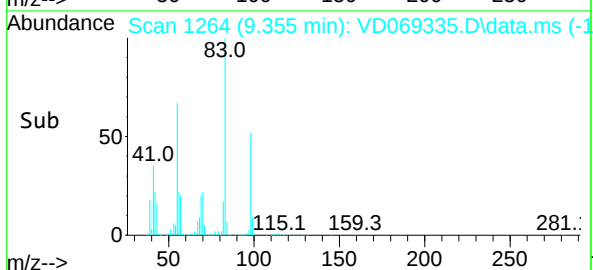
Tgt Ion:117 Resp: 49783
Ion Ratio Lower Upper
117 100
119 4.6 79.4 119.2#
121 0.0 26.1 39.1#

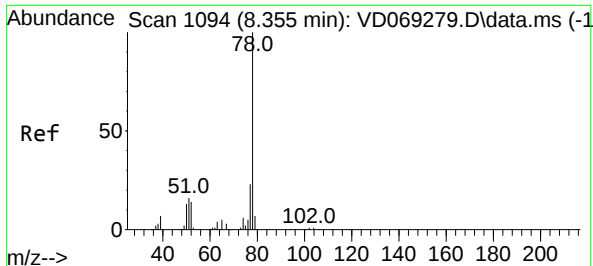


#39
Methylcyclohexane
Concen: 104.23 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00



Tgt Ion: 83 Resp: 873227
Ion Ratio Lower Upper
83 100
55 67.4 57.4 86.2
98 52.4 42.2 63.2

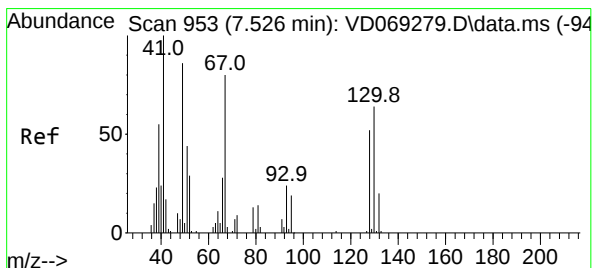
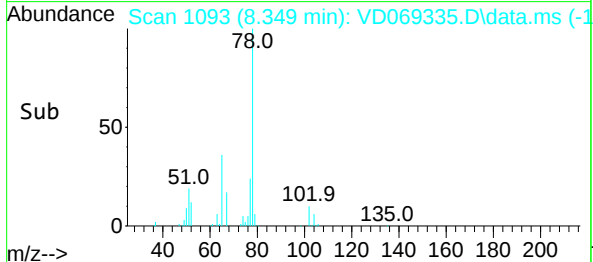
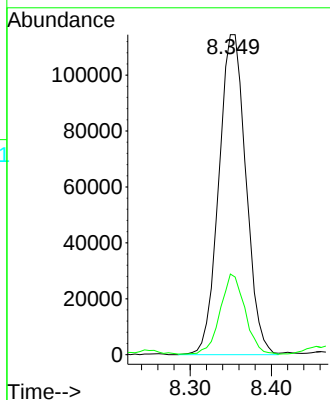
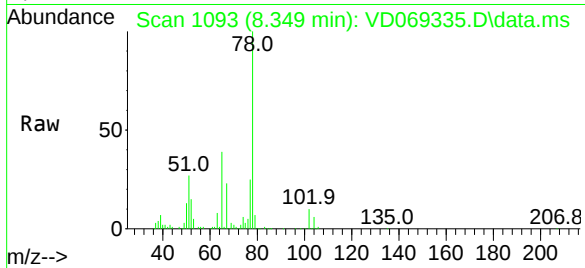




#40
Benzene
Concen: 11.17 ug/l
RT: 8.349 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

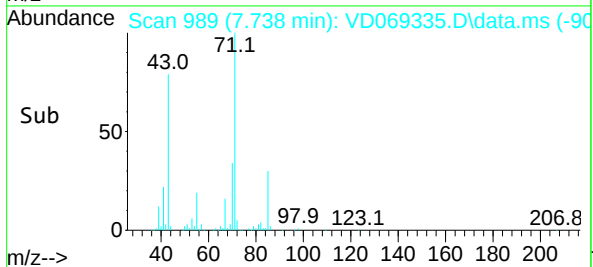
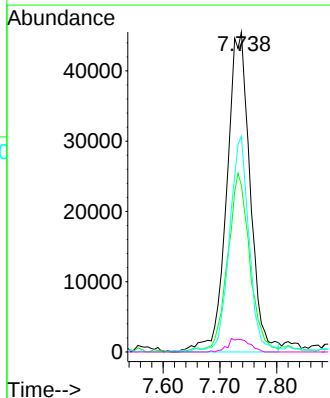
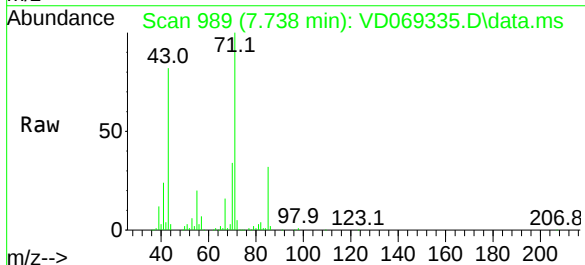
Instrument :
MSVOA_D
ClientSampled :

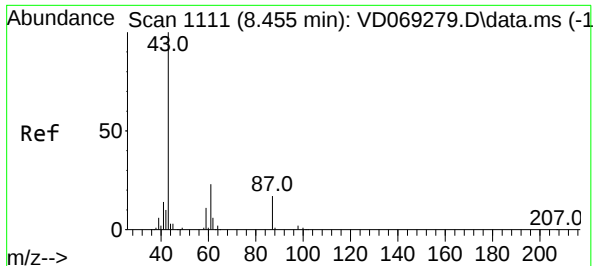
Tgt Ion: 78 Resp: 265580
Ion Ratio Lower Upper
78 100
77 25.0 18.7 28.1



#41
Methacrylonitrile
Concen: 95.80 ug/l
RT: 7.738 min Scan# 989
Delta R.T. 0.212 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

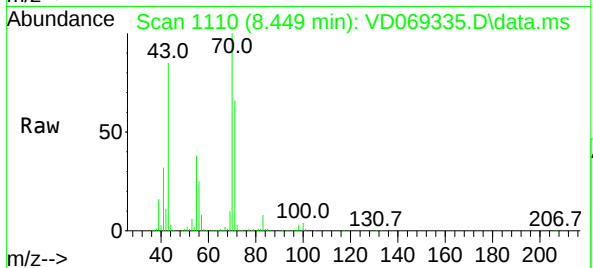
Tgt Ion: 41 Resp: 129332
Ion Ratio Lower Upper
41 100
39 51.3 50.6 76.0
67 54.2 86.2 129.4#
52 3.9 32.3 48.5#



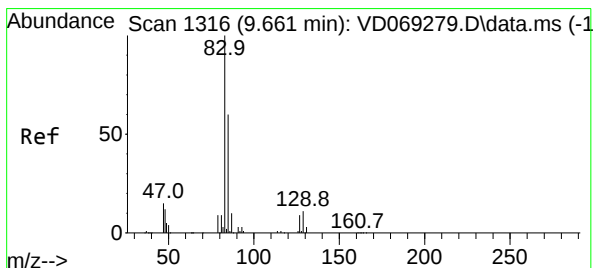
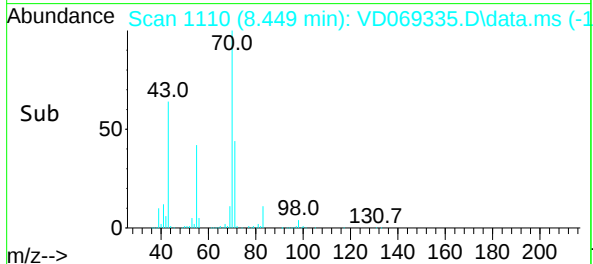
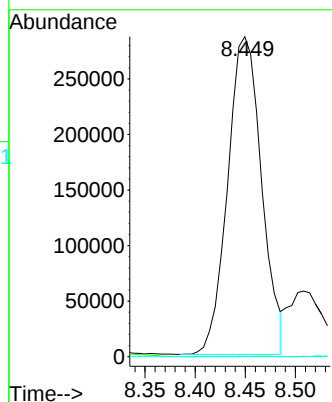


#43
Isopropyl Acetate
Concen: 133.21 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Instrument :
MSVOA_D
ClientSampled :

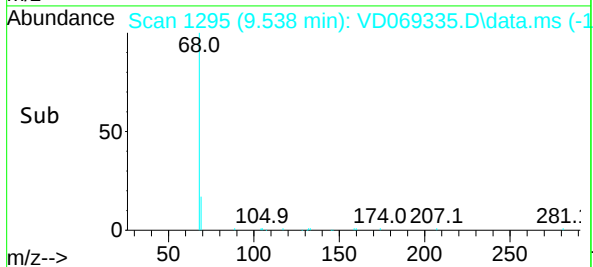
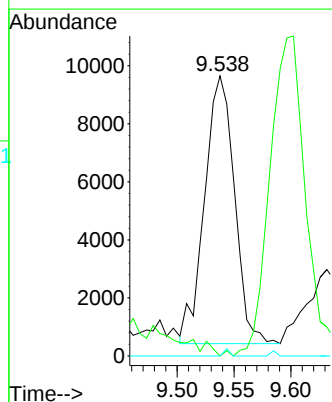
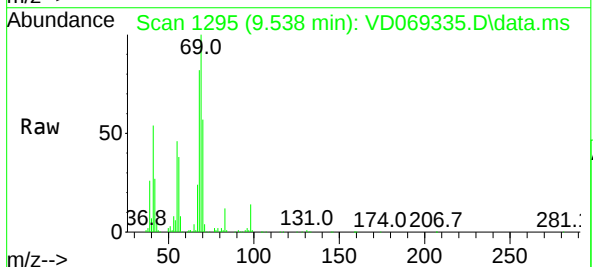


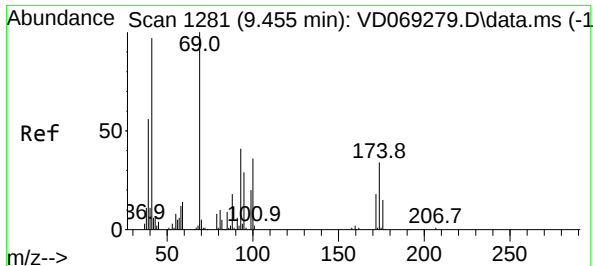
Tgt Ion: 43 Resp: 674123
Ion Ratio Lower Upper
43 100
61 0.1 29.0 43.6#
87 0.0 12.7 19.1#



#47
Bromodichloromethane
Concen: 2.03 ug/l
RT: 9.538 min Scan# 1295
Delta R.T. -0.124 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion: 83 Resp: 16930
Ion Ratio Lower Upper
83 100
85 0.0 48.2 72.2#
127 0.0 7.1 10.7#

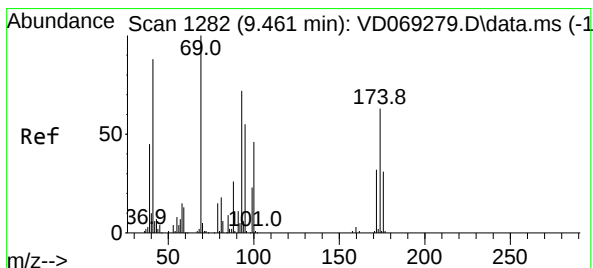
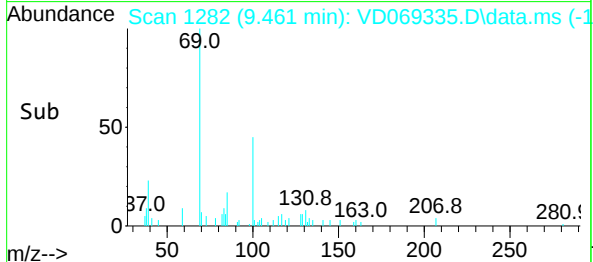
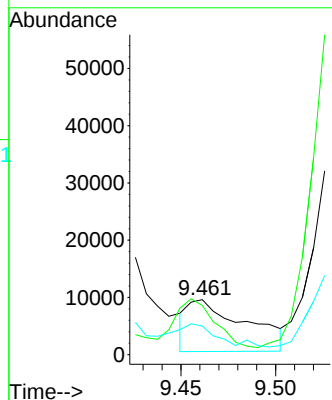
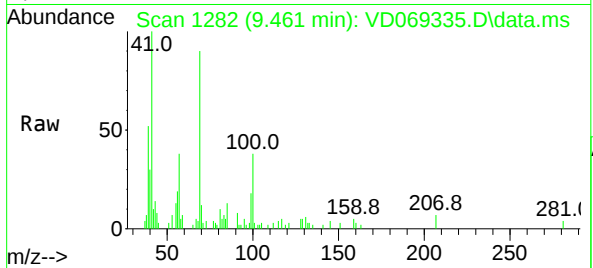




#48
Methyl methacrylate
Concen: 8.16 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.006 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

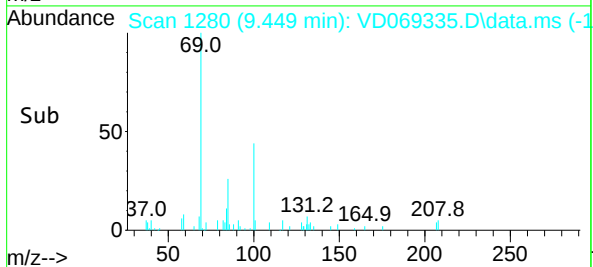
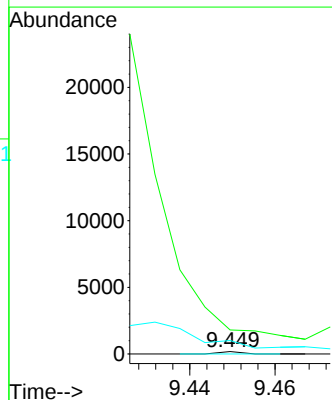
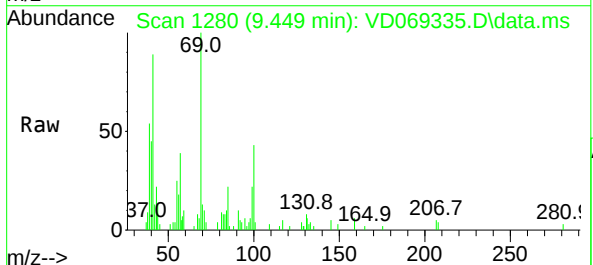
Instrument :
MSVOA_D
ClientSampled :

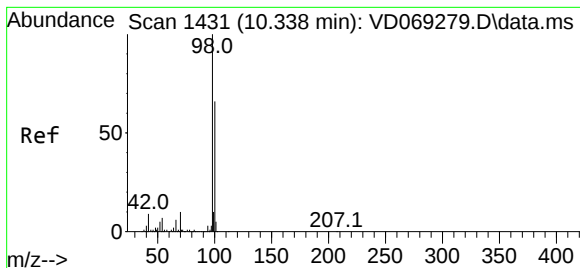
Tgt Ion: 41 Resp: 19173
Ion Ratio Lower Upper
41 100
69 64.1 77.6 116.4#
39 51.8 45.3 67.9



#49
1,4-Dioxane
Concen: 2.08 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.012 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion: 88 Resp: 66
Ion Ratio Lower Upper
88 100
43 0.0 25.4 38.2#
58 0.0 50.2 75.4#

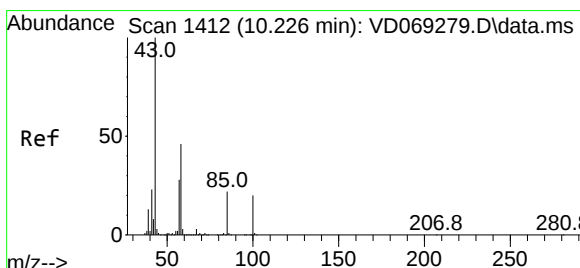
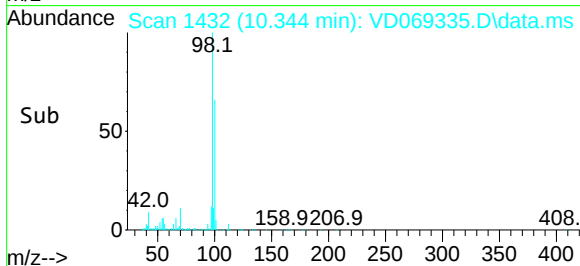
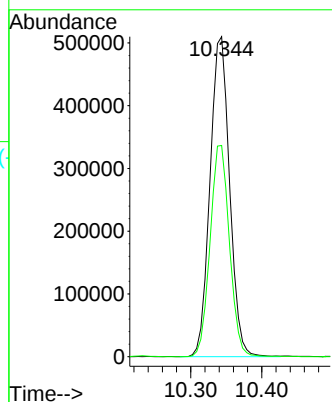
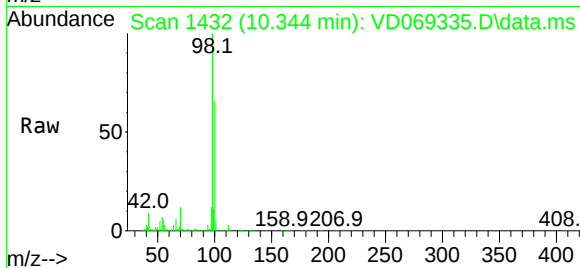




#50
Toluene-d8
Concen: 50.68 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

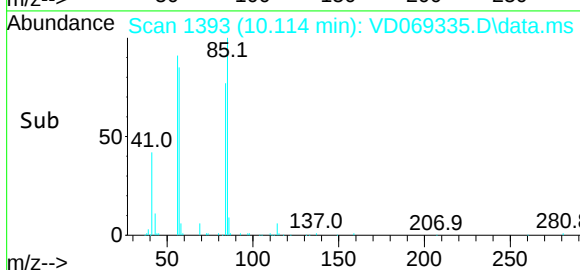
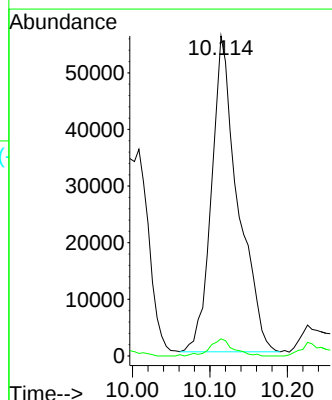
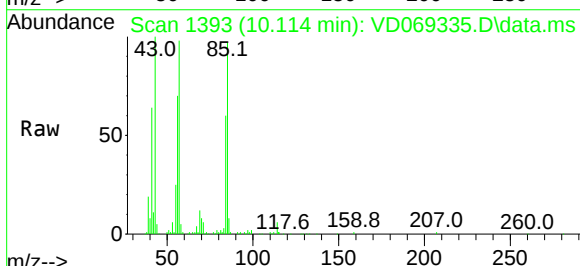
Instrument :
MSVOA_D
ClientSampled :

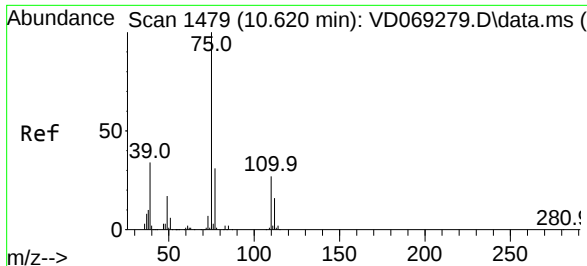
Tgt Ion: 98 Resp: 975063
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 50.64 ug/l
RT: 10.114 min Scan# 1393
Delta R.T. -0.112 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion: 43 Resp: 132367
Ion Ratio Lower Upper
43 100
58 4.8 35.1 52.7#

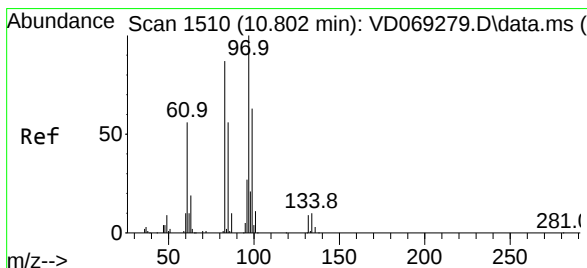
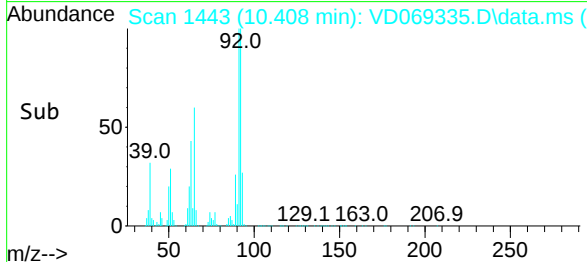
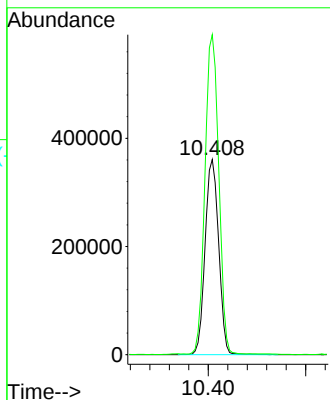
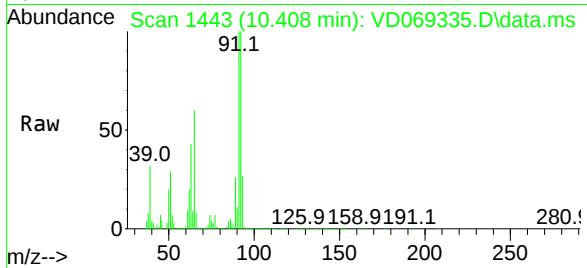




#53
t-1,3-Dichloropropene
Concen: 93.18 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. -0.212 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

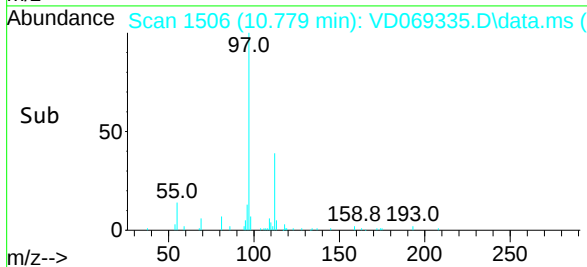
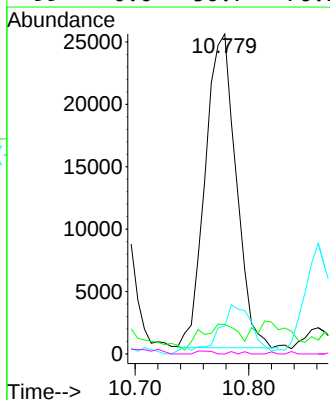
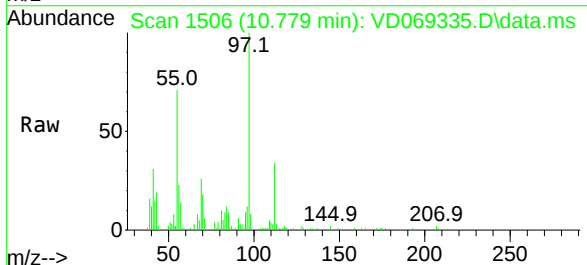
Instrument :
MSVOA_D
ClientSampled :

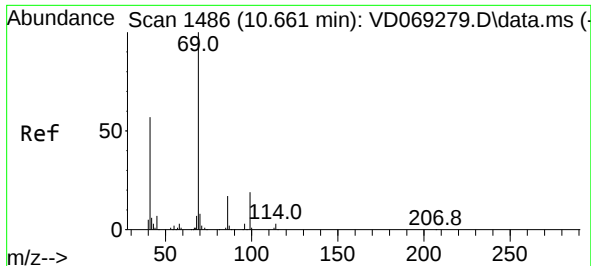
Tgt Ion: 75 Resp: 694570
Ion Ratio Lower Upper
75 100
77 163.7 25.1 37.7#



#55
1,1,2-Trichloroethane
Concen: 10.57 ug/l
RT: 10.779 min Scan# 1506
Delta R.T. -0.024 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion: 97 Resp: 47447
Ion Ratio Lower Upper
97 100
83 6.7 69.4 104.0#
85 7.9 44.5 66.7#
99 0.0 50.7 76.1#

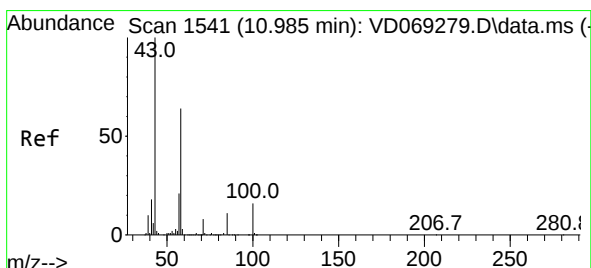
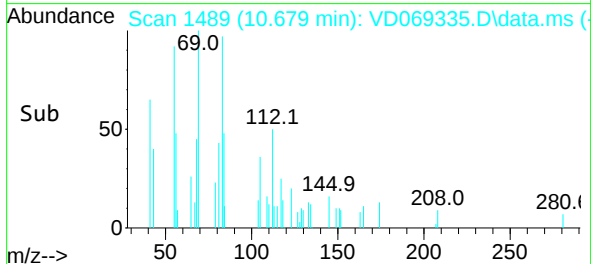
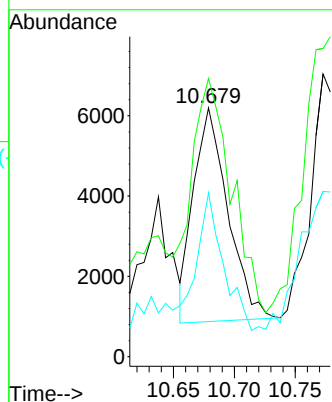
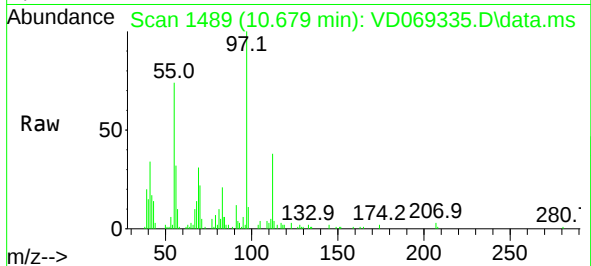




#56
Ethyl methacrylate
Concen: 4.58 ug/l
RT: 10.679 min Scan# 1489
Delta R.T. 0.018 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

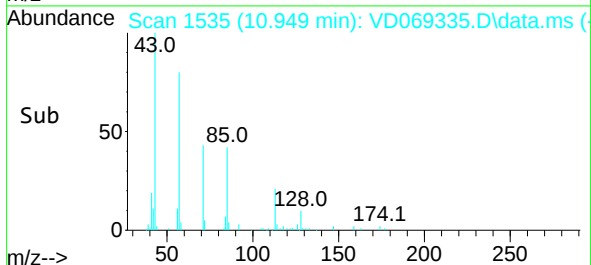
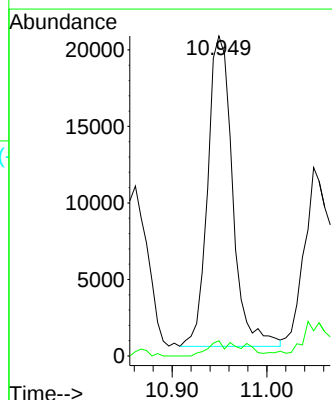
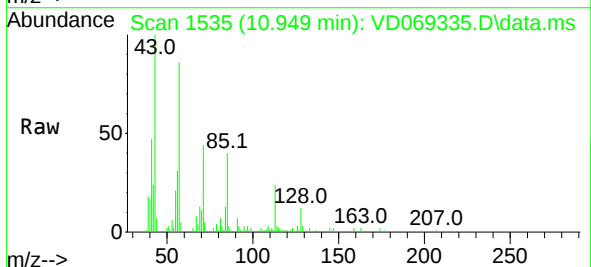
Instrument :
MSVOA_D
ClientSampleId :

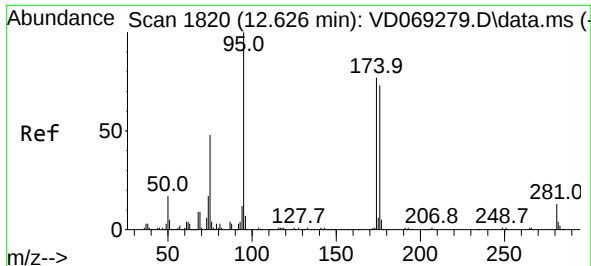
Tgt Ion: 69 Resp: 10472
Ion Ratio Lower Upper
69 100
41 0.0 45.4 68.2#
39 0.0 21.7 32.5#



#59
2-Hexanone
Concen: 21.20 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.035 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion: 43 Resp: 37047
Ion Ratio Lower Upper
43 100
58 4.9 30.8 92.3#

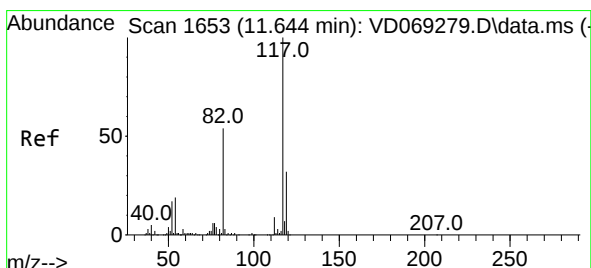
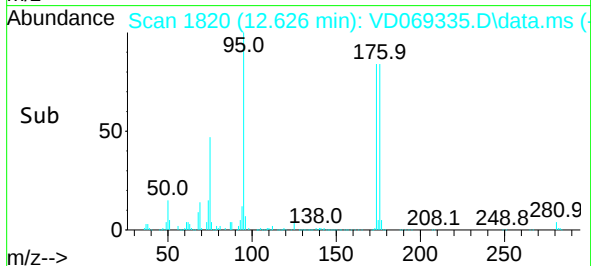
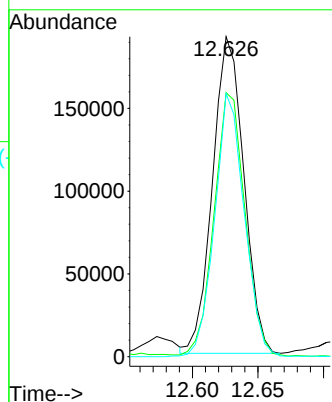
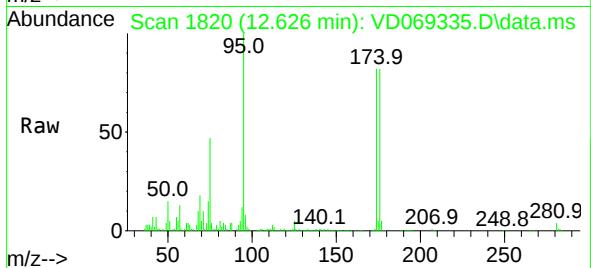




#62
4-Bromofluorobenzene
Concen: 50.23 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

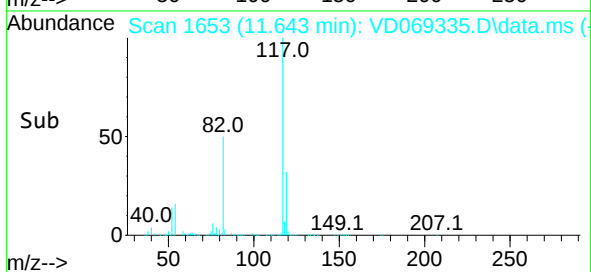
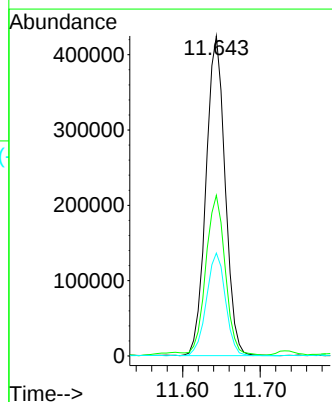
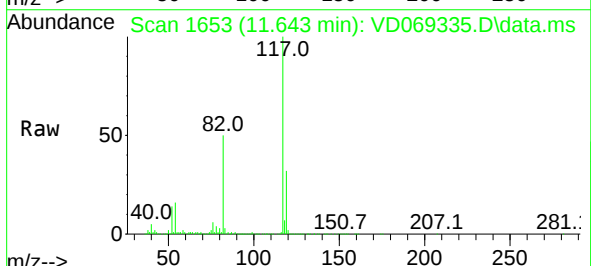
Instrument :
MSVOA_D
ClientSampleId :

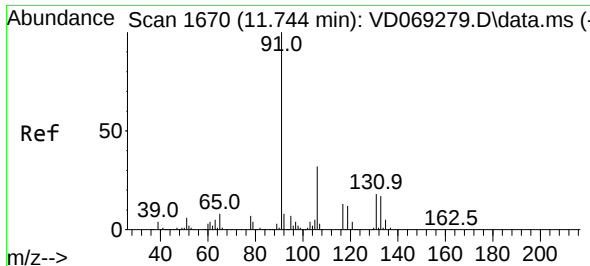
Tgt Ion: 95 Resp: 316694
Ion Ratio Lower Upper
95 100
174 82.3 0.0 162.8
176 78.9 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion: 117 Resp: 723734
Ion Ratio Lower Upper
117 100
82 49.3 43.3 64.9
119 32.1 25.3 37.9

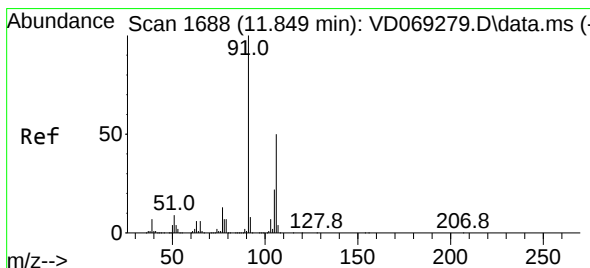
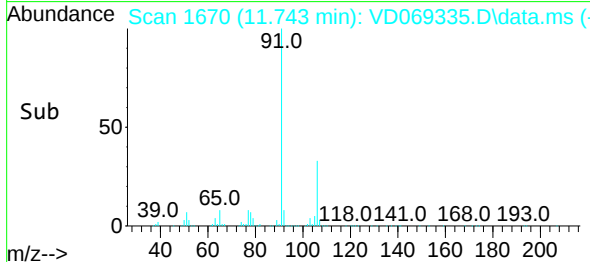
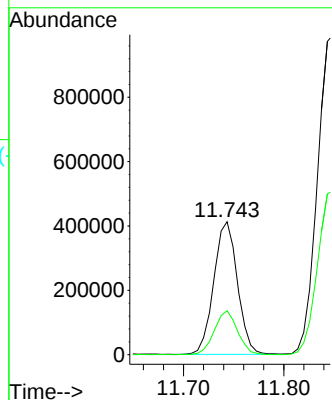
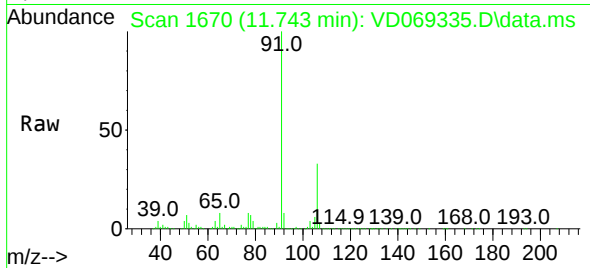




#67
Ethyl Benzene
Concen: 26.62 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

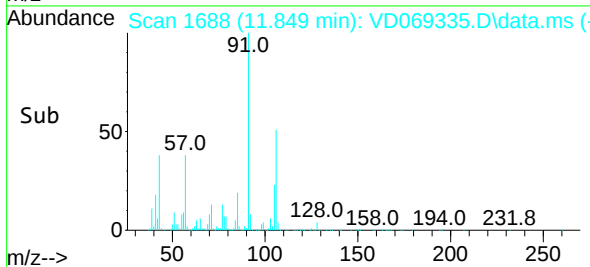
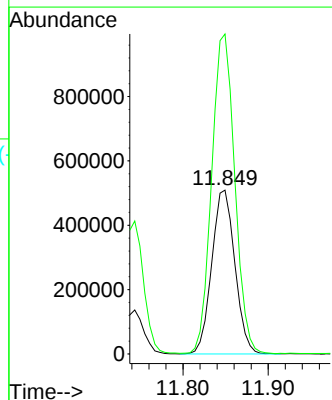
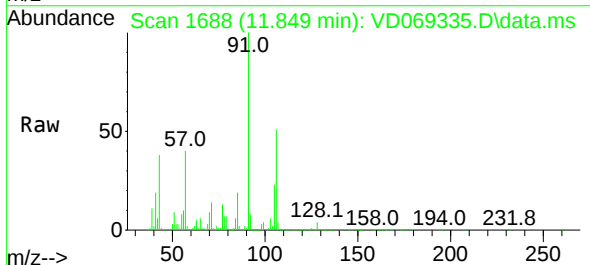
Instrument :
MSVOA_D
ClientSampled :

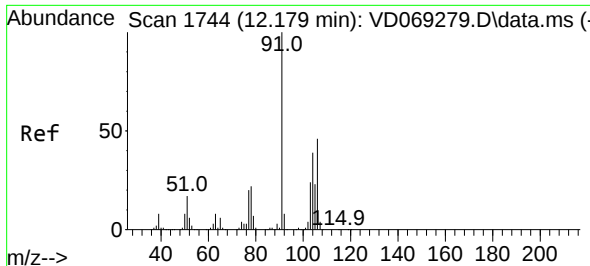
Tgt Ion: 91 Resp: 676383
Ion Ratio Lower Upper
91 100
106 33.1 25.9 38.9



#68
m/p-Xylenes
Concen: 96.22 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion:106 Resp: 958037
Ion Ratio Lower Upper
106 100
91 195.1 158.3 237.5

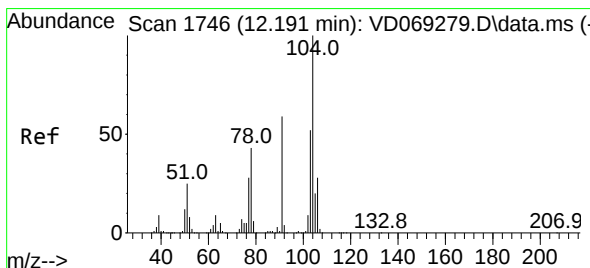
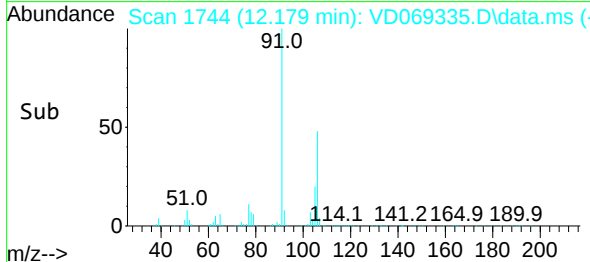
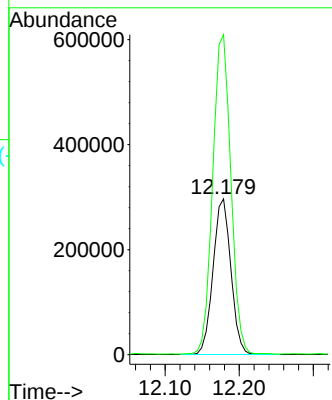
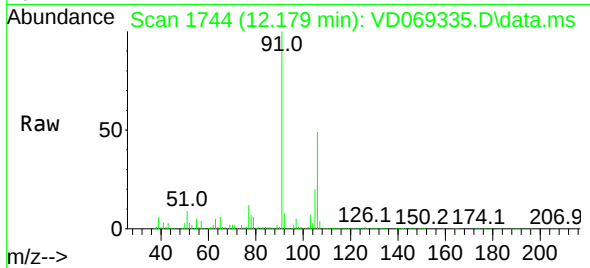




#69
o-Xylene
Concen: 56.11 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

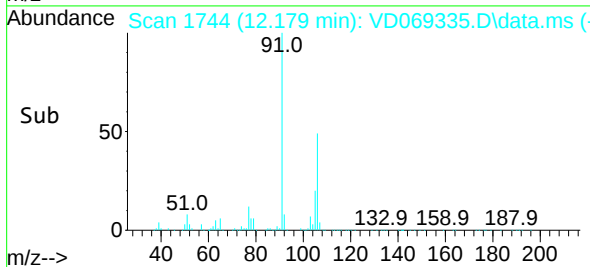
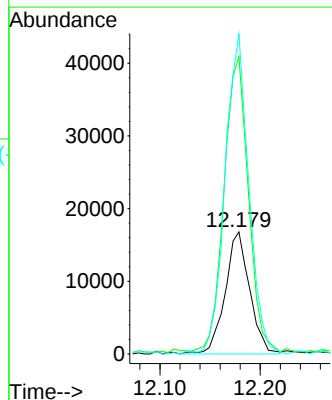
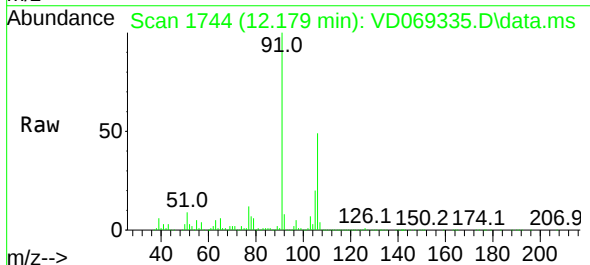
Instrument :
MSVOA_D
ClientSampleId :

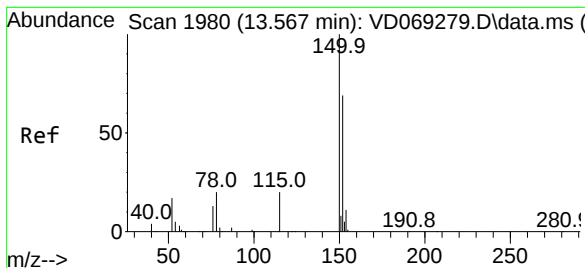
Tgt Ion:106 Resp: 494134
Ion Ratio Lower Upper
106 100
91 209.2 105.5 316.4



#70
Styrene
Concen: 1.86 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.012 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion:104 Resp: 28470
Ion Ratio Lower Upper
104 100
78 239.5 37.5 56.3#
103 254.7 44.3 66.5#

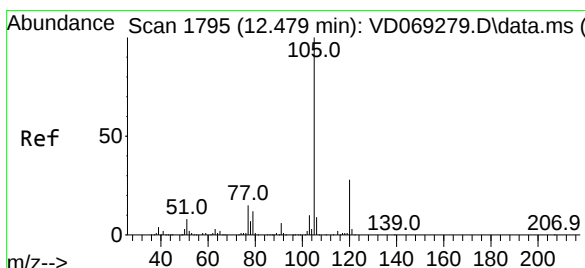
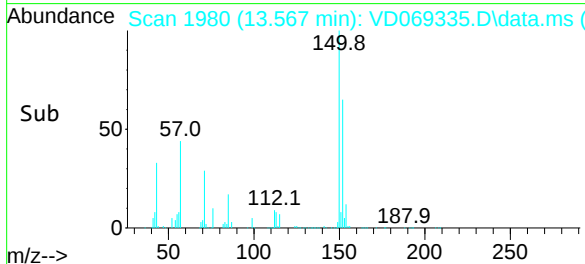
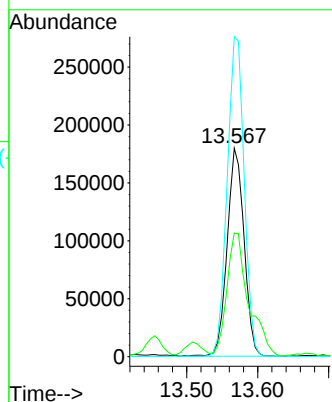
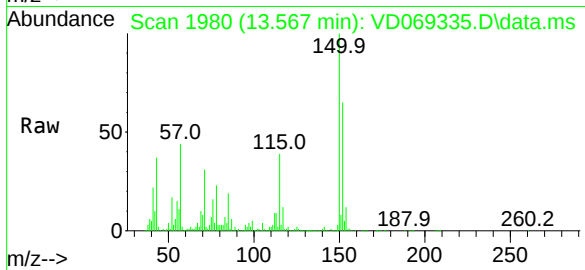




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

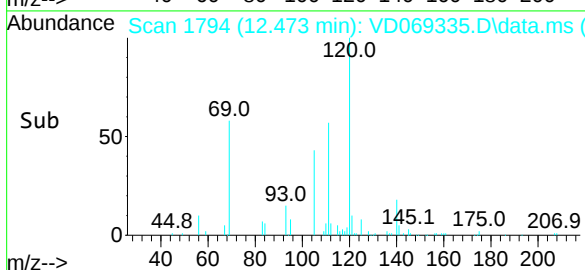
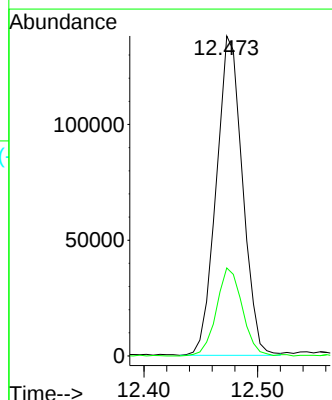
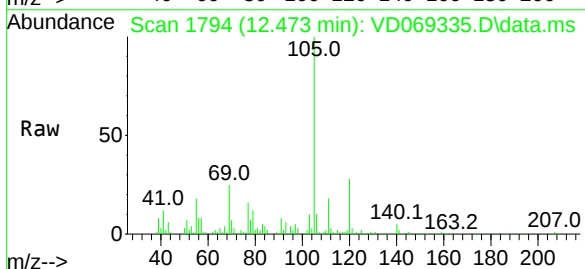
Instrument :
MSVOA_D
ClientSampled :

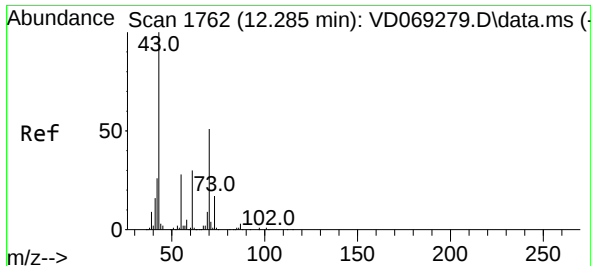
Tgt Ion:152 Resp: 297359
Ion Ratio Lower Upper
152 100
115 75.0 29.4 88.3
150 154.8 0.0 355.0



#73
Isopropylbenzene
Concen: 10.86 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion:105 Resp: 221031
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.5

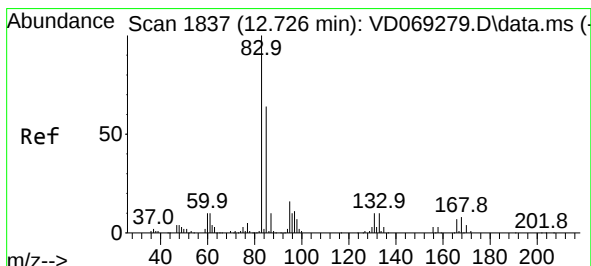
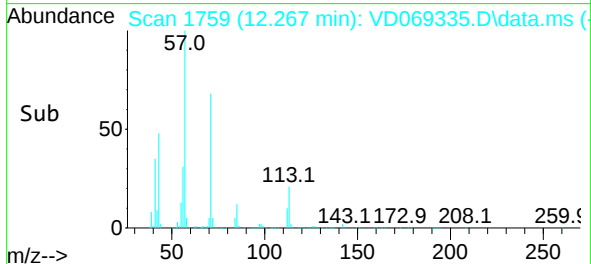
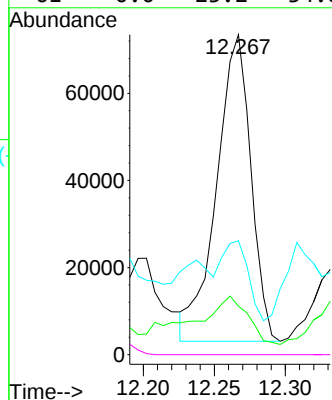
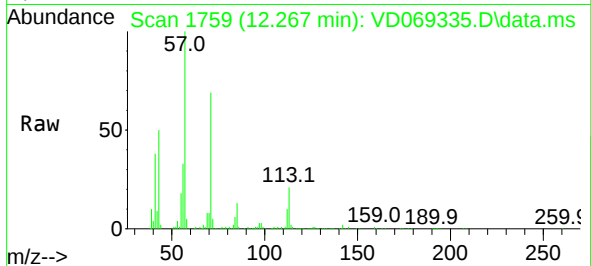




#74
N-amy1 acetate
Concen: 32.86 ug/l
RT: 12.267 min Scan# 1759
Delta R.T. -0.018 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

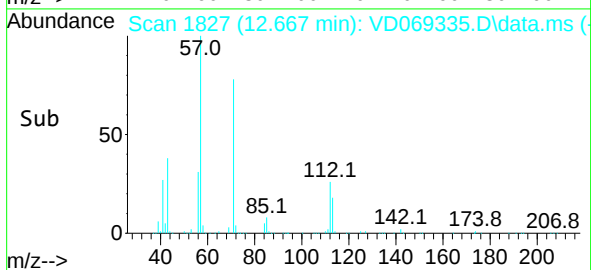
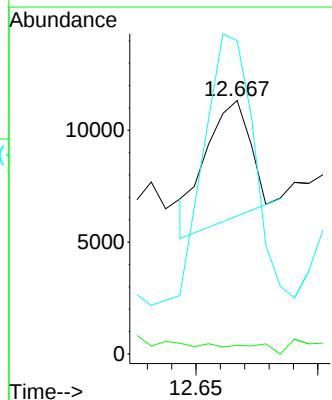
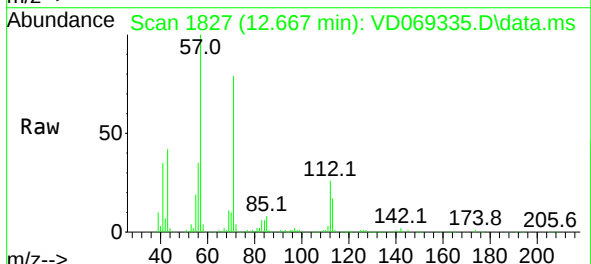
Instrument :
MSVOA_D
ClientSampled :

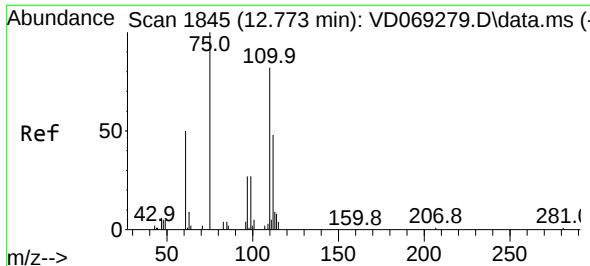
Tgt Ion: 43 Resp: 118099
Ion Ratio Lower Upper
43 100
70 26.0 40.9 61.3#
55 20.1 23.4 35.0#
61 0.0 23.2 34.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.82 ug/l
RT: 12.667 min Scan# 1827
Delta R.T. -0.059 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion: 83 Resp: 6923
Ion Ratio Lower Upper
83 100
131 0.0 5.3 16.1#
85 271.6 32.6 98.0#

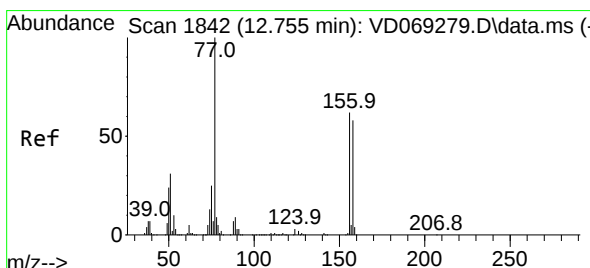
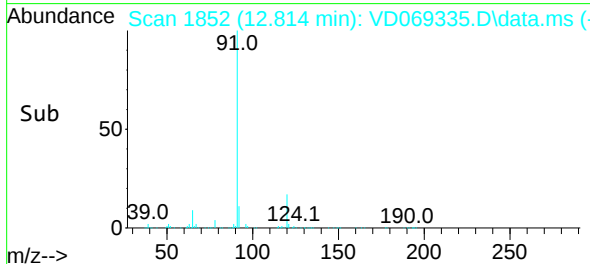
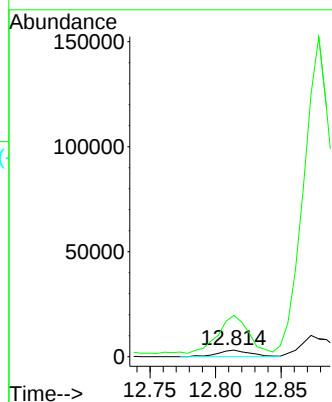
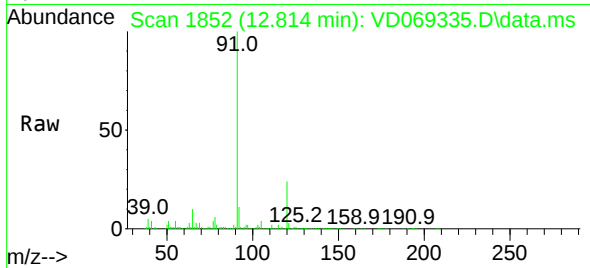




#76
1,2,3-Trichloropropane
Concen: 2.08 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.041 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

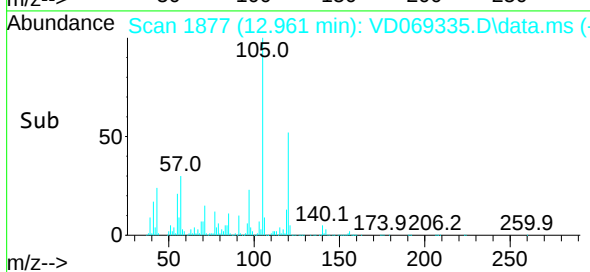
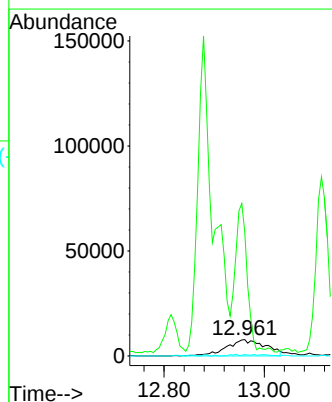
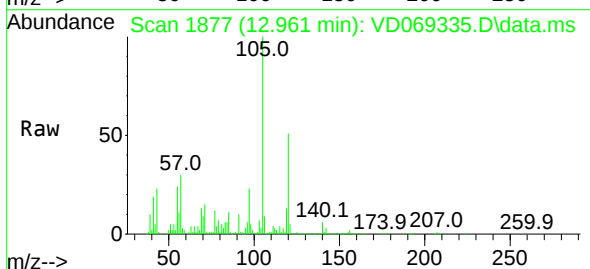
Instrument :
MSVOA_D
ClientSampled :

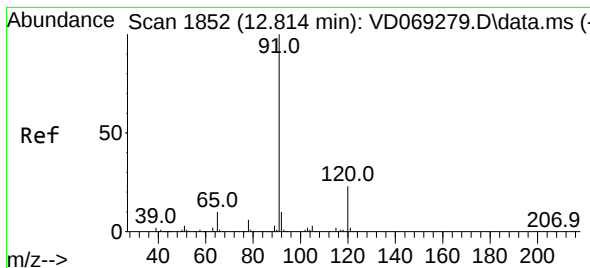
Tgt Ion: 75 Resp: 5379
Ion Ratio Lower Upper
75 100
77 551.6 183.8 551.2#



#77
Bromobenzene
Concen: 8.59 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.206 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion: 156 Resp: 42124
Ion Ratio Lower Upper
156 100
77 278.7 89.3 267.9#
158 1.3 48.0 144.2#

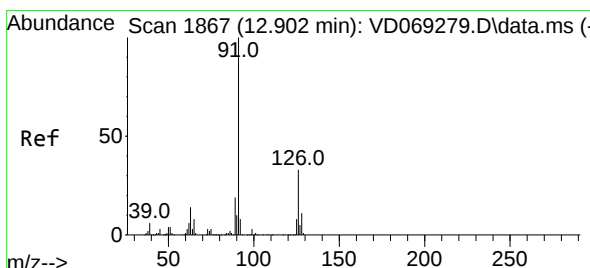
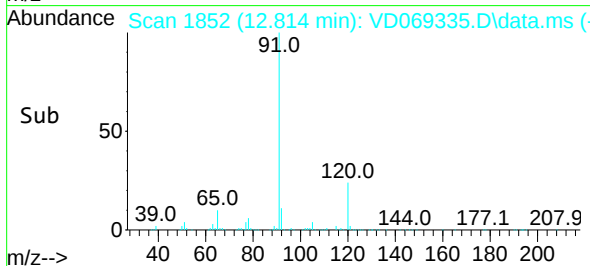
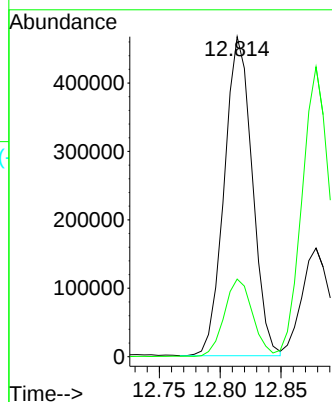
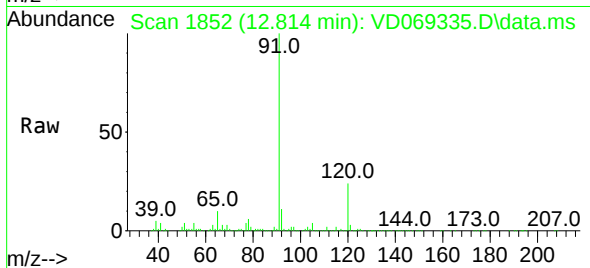




#78
n-propylbenzene
Concen: 29.98 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

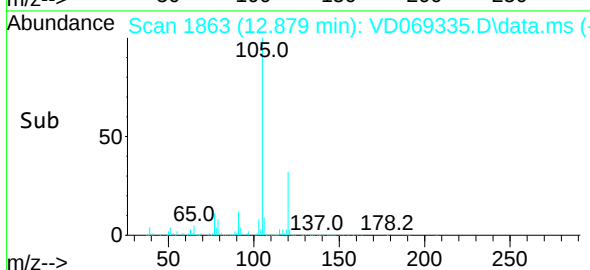
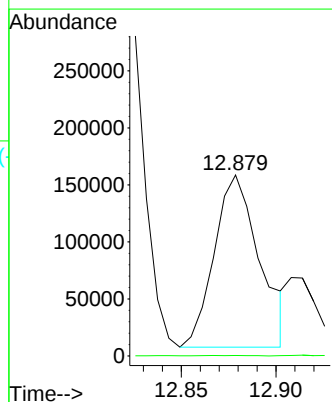
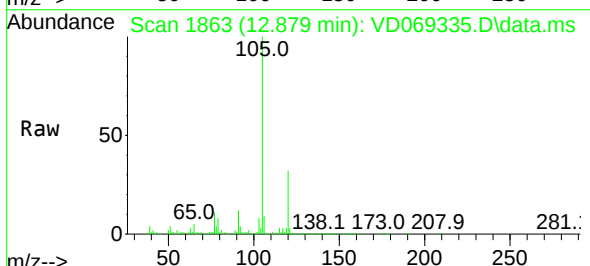
Instrument :
MSVOA_D
ClientSampled :

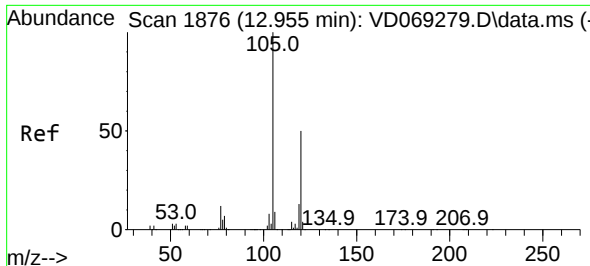
Tgt Ion: 91 Resp: 748196
Ion Ratio Lower Upper
91 100
120 24.4 11.6 34.8



#79
2-Chlorotoluene
Concen: 17.63 ug/l
RT: 12.879 min Scan# 1863
Delta R.T. -0.024 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion: 91 Resp: 250170
Ion Ratio Lower Upper
91 100
126 0.3 16.8 50.3#

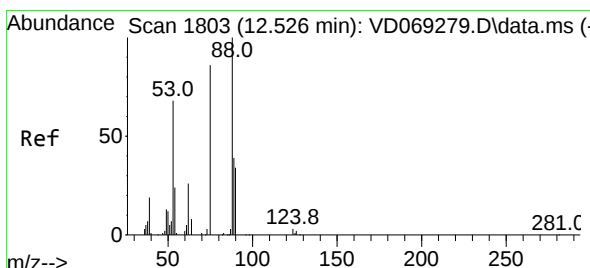
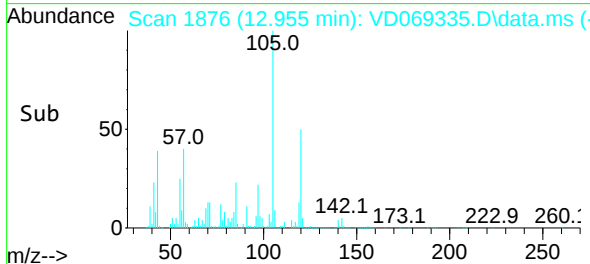
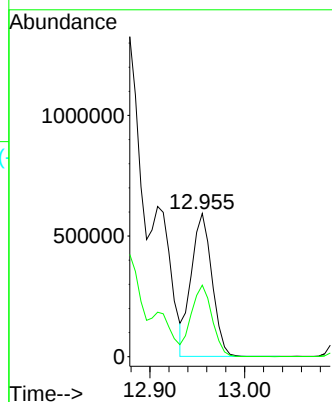
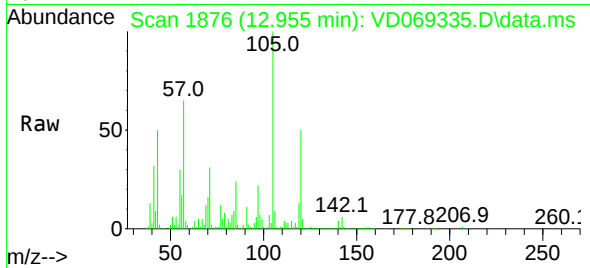




#80
1,3,5-Trimethylbenzene
Concen: 52.33 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

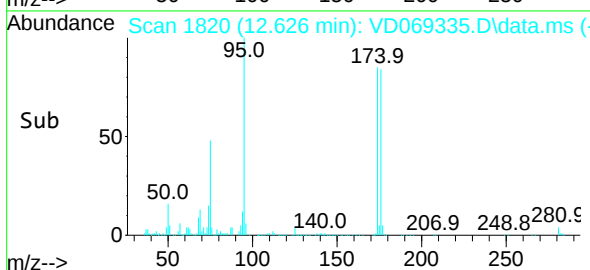
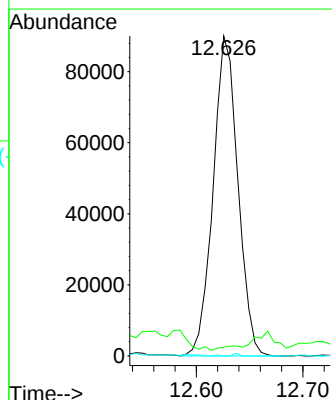
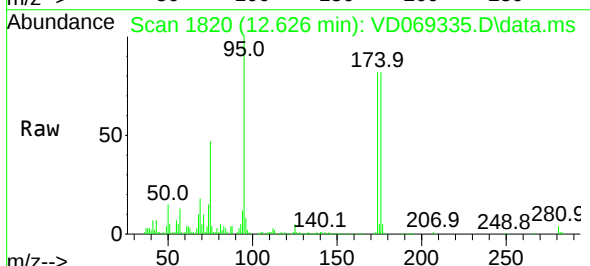
Instrument :
MSVOA_D
ClientSampled :

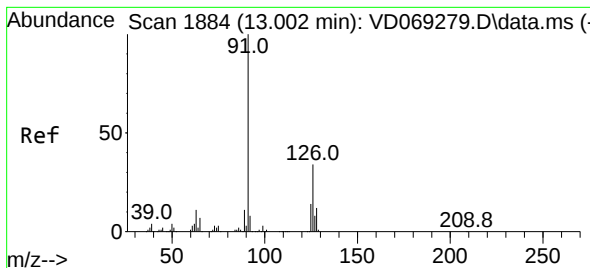
Tgt Ion:105 Resp: 901921
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 124.55 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion: 75 Resp: 145206
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.3 35.6 53.4#

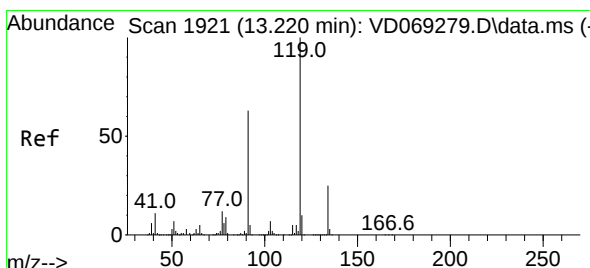
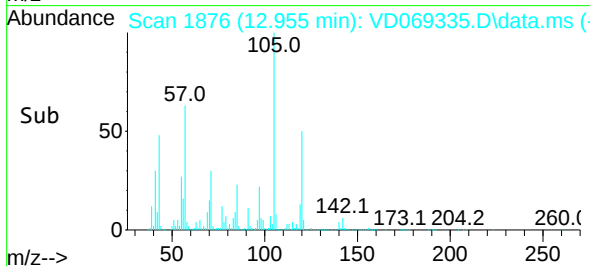
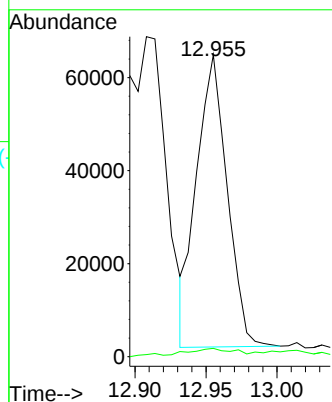
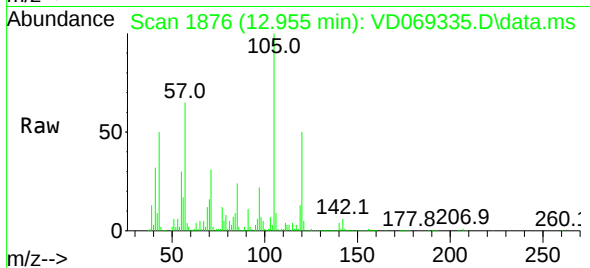




#82
4-Chlorotoluene
Concen: 6.30 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.047 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

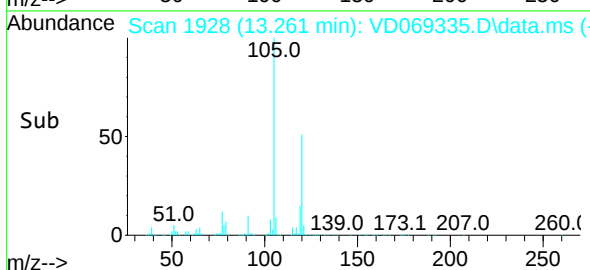
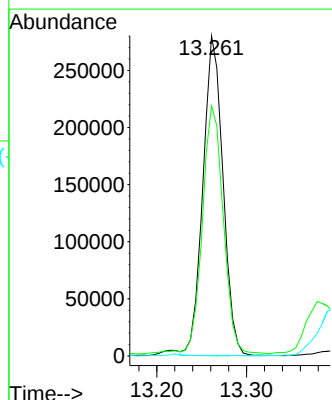
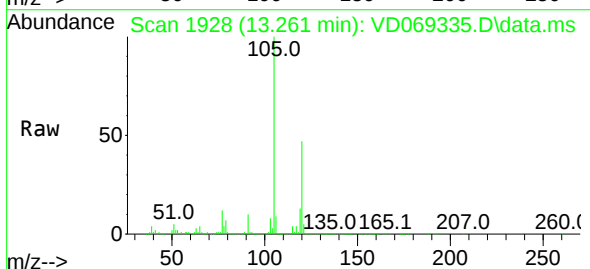
Instrument :
MSVOA_D
ClientSampleId :

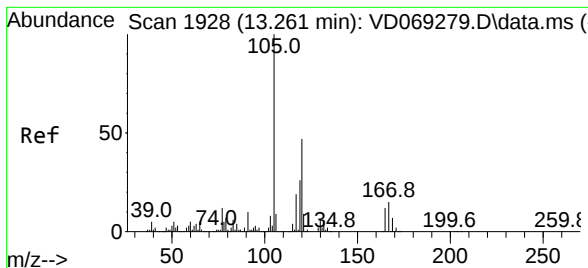
Tgt Ion: 91 Resp: 93965
Ion Ratio Lower Upper
91 100
126 3.5 17.4 52.2#



#83
tert-Butylbenzene
Concen: 29.99 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.041 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion: 119 Resp: 432923
Ion Ratio Lower Upper
119 100
91 81.6 31.7 95.1
134 0.0 13.4 40.1#

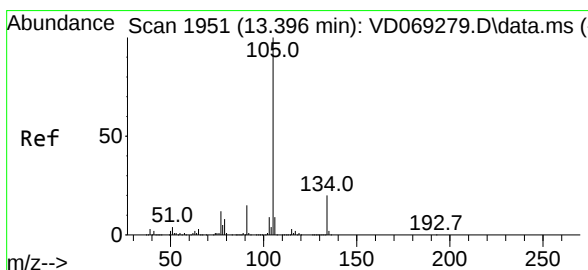
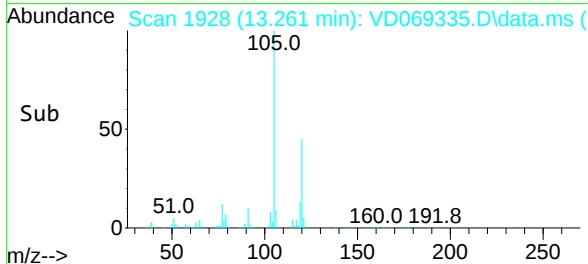
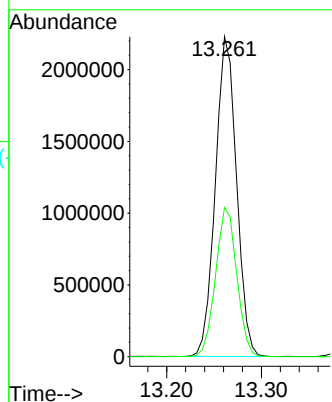
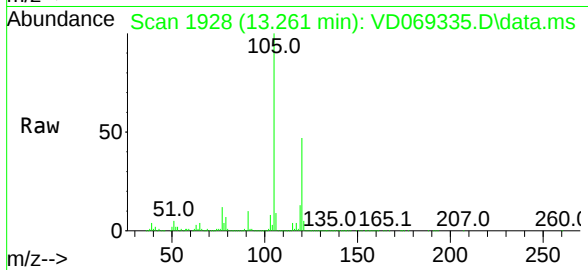




#84
1,2,4-Trimethylbenzene
Concen: 201.82 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

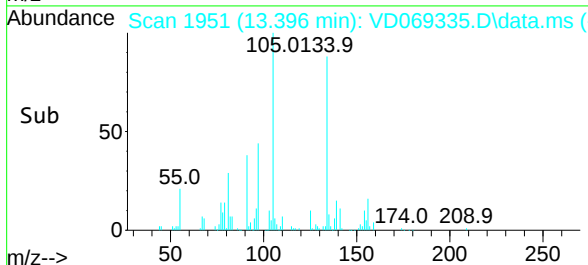
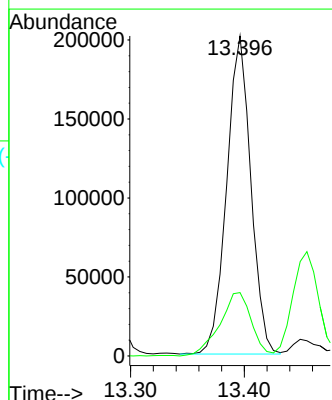
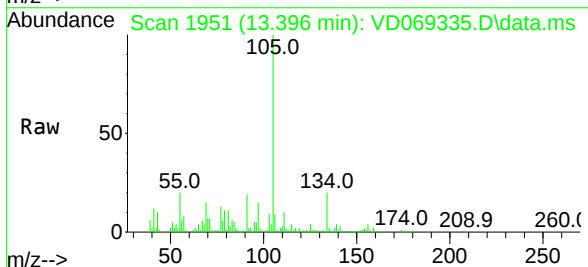
Instrument :
MSVOA_D
ClientSampled :

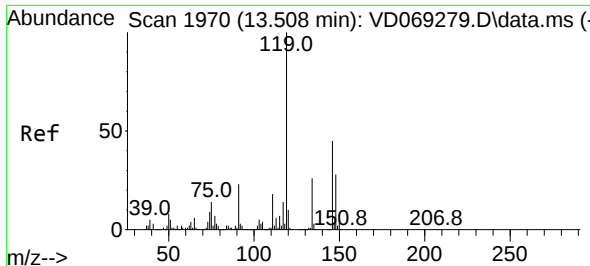
Tgt Ion:105 Resp: 3459427
Ion Ratio Lower Upper
105 100
120 46.7 22.6 67.8



#85
sec-Butylbenzene
Concen: 13.97 ug/l
RT: 13.396 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion:105 Resp: 297530
Ion Ratio Lower Upper
105 100
134 26.0 10.1 30.3

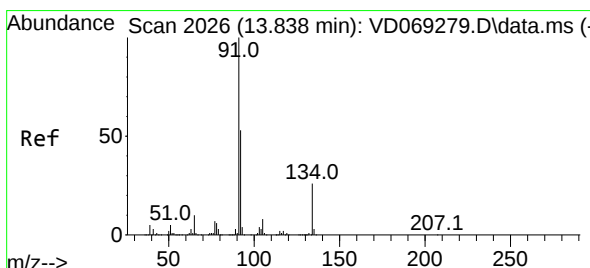
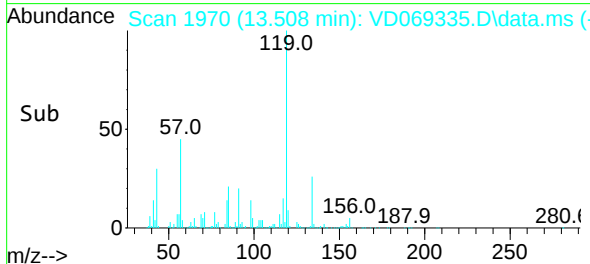
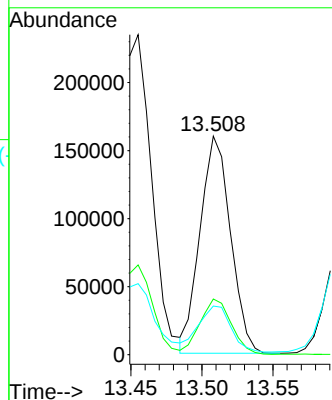
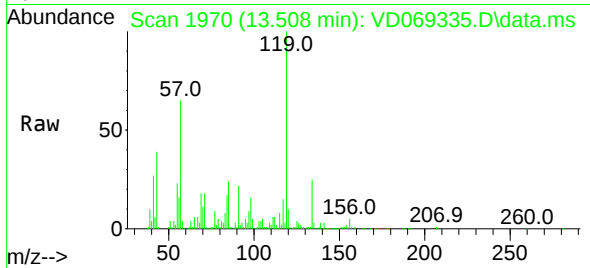




#86
p-Isopropyltoluene
Concen: 12.81 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

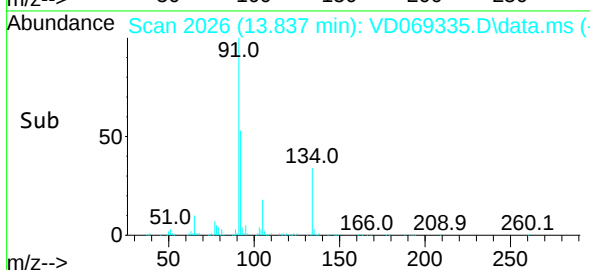
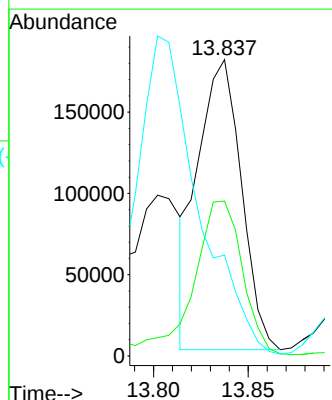
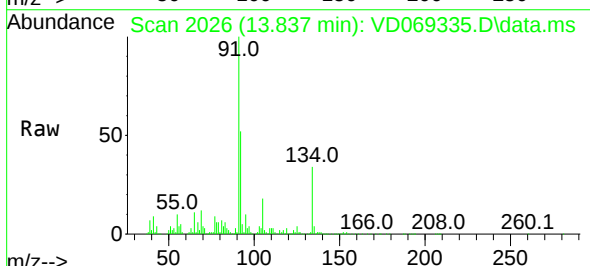
Instrument :
MSVOA_D
ClientSampleId :

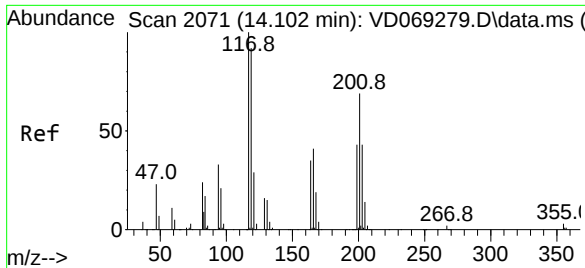
Tgt Ion:119 Resp: 238534
Ion Ratio Lower Upper
119 100
134 26.2 13.0 39.0
91 22.4 11.3 33.8



#89
n-Butylbenzene
Concen: 16.34 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. -0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion: 91 Resp: 284843
Ion Ratio Lower Upper
91 100
92 58.7 26.4 79.2
134 0.0 13.0 38.9#

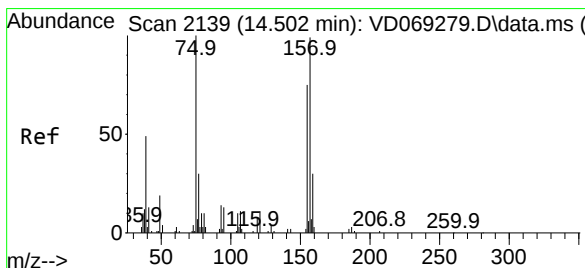
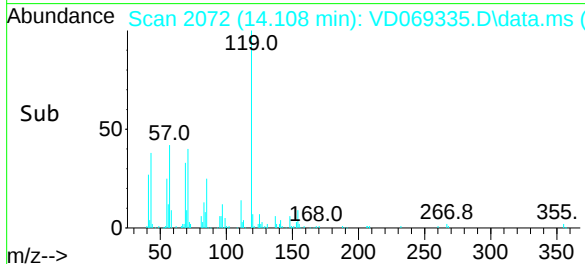
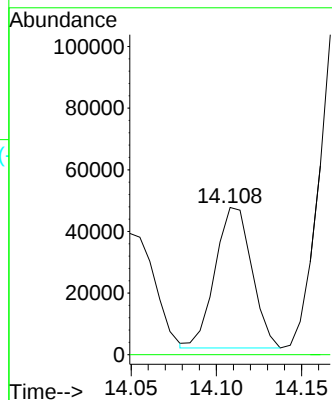
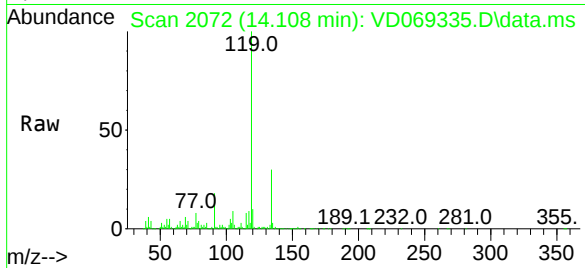




#90
Hexachloroethane
Concen: 19.31 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.006 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

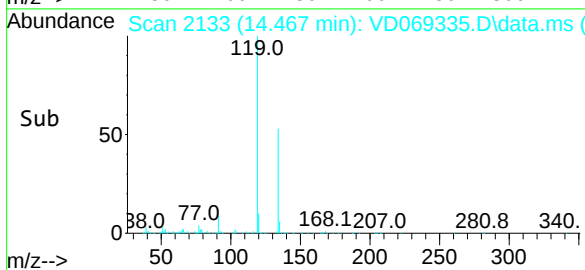
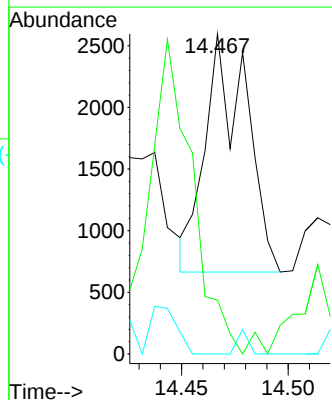
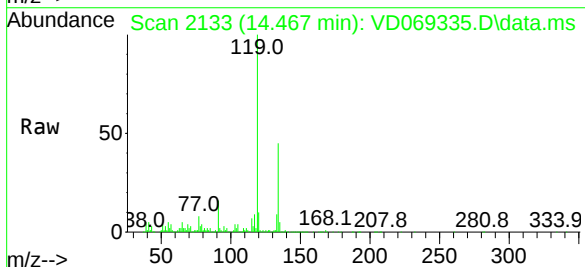
Instrument :
MSVOA_D
ClientSampled :

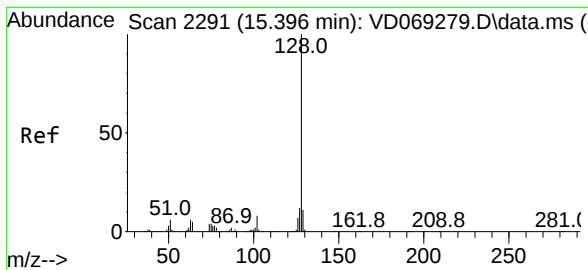
Tgt Ion:117 Resp: 68327
Ion Ratio Lower Upper
117 100
201 0.0 36.0 108.1#



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.28 ug/l
RT: 14.467 min Scan# 2133
Delta R.T. -0.035 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion: 75 Resp: 2593
Ion Ratio Lower Upper
75 100
155 0.0 42.1 126.4#
157 2.7 54.4 163.3#





#95
Naphthalene
Concen: 40.09 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 399665
Ion Ratio Lower Upper
128 100
127 13.8 10.4 15.6
129 11.9 8.8 13.2

