

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060321\
 Data File : VD069333.D
 Acq On : 03 Jun 2021 19:03
 Operator : VA/SY
 Sample : M2583-04
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 04 09:38:08 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	324770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	625676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	390207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	70525	50.00	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	185186	59.43	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.86%	
35) Dibromofluoromethane	7.914	113	213150	54.25	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.50%	
50) Toluene-d8	10.350	98	701718	49.11	ug/l	0.01
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.22%	
62) 4-Bromofluorobenzene	12.626	95	167563	35.79	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 71.58%	

Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.179	101	88851	24.67	ug/l #	19
10) Methyl Iodide	4.244	142	712	2.69	ug/l #	67
11) Tert butyl alcohol	5.232	59	509358	2948.79	ug/l	98
13) Acrolein	4.162	56	25936	133.26	ug/l #	1
15) Acrylonitrile	5.450	53	11836	20.21	ug/l #	23
17) Carbon Disulfide	4.338	76	16369	1.52	ug/l	97
18) Methyl Acetate	4.726	43	390605	265.42	ug/l	92
19) Methyl tert-butyl Ether	5.468	73	569660	95.22	ug/l	95
20) Methylene Chloride	4.968	84	18345	Below Cal	#	92
22) Diisopropyl ether	6.362	45	62064	8.22	ug/l #	96
23) Vinyl Acetate	6.268	43	1149	11.84	ug/l #	67
25) 2-Butanone	7.215	43	1136402	1588.09	ug/l	93
29) Tetrahydrofuran	7.562	42	11482	27.92	ug/l #	61
30) Chloroform	7.732	83	7508	1.09	ug/l #	1
31) Cyclohexane	7.956	56	2380873	480.83	ug/l #	42
37) Ethyl Acetate	7.291	43	102812	49.79	ug/l #	94
38) Carbon Tetrachloride	7.973	117	32459	4.94	ug/l #	15
39) Methylcyclohexane	9.356	83	3520787	565.93	ug/l	96
40) Benzene	8.350	78	351570	19.90	ug/l	98
41) Methacrylonitrile	7.538	41	19103	19.05	ug/l #	29
43) Isopropyl Acetate	8.450	43	1231919	327.80	ug/l #	46
45) 1,2-Dichloropropane	9.356	63	37410	8.90	ug/l #	1
47) Bromodichloromethane	9.632	83	46497	7.50	ug/l #	28
48) Methyl methacrylate	9.456	41	230206	131.94	ug/l	96
49) 1,4-Dioxane	9.467	88	2337	98.98	ug/l #	27
51) 4-Methyl-2-Pentanone	10.244	43	1394240	718.28	ug/l	97
52) Toluene	10.491	92	669459	60.05	ug/l	99
53) t-1,3-Dichloropropene	10.414	75	1205117	217.71	ug/l #	1
55) 1,1,2-Trichloroethane	10.773	97	367075	110.09	ug/l #	20
56) Ethyl methacrylate	10.685	69	84920	23.79	ug/l #	47
58) 2-Chloroethyl Vinyl ether	9.932	63	6221	3.98	ug/l #	44
59) 2-Hexanone	10.950	43	254732	196.32	ug/l #	20
67) Ethyl Benzene	11.744	91	12425060	906.95	ug/l	91
68) m/p-Xylenes	11.844	106	18439967	3435.02	ug/l #	1
69) o-Xylene	12.179	106	9791123	2062.22	ug/l	77
70) Styrene	12.179	104	543031	65.89	ug/l #	1

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

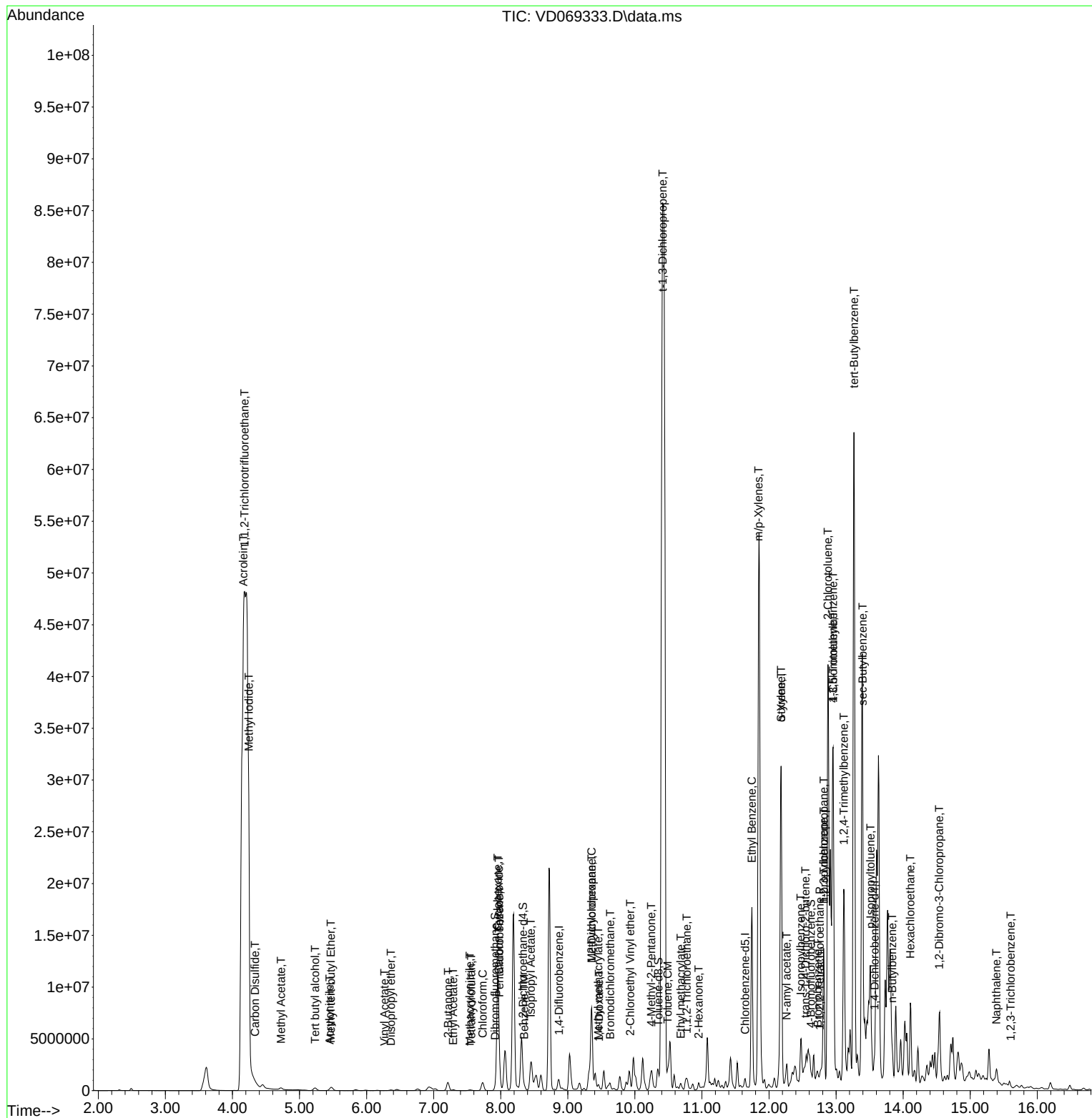
73) Isopropylbenzene	12.473	105	2565176	531.47	ug/l	100
74) N-amyl acetate	12.261	43	638309	748.86	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.755	83	28269	31.37	ug/l #	1
76) 1,2,3-Trichloropropane	12.814	75	58911	96.14	ug/l #	1
77) Bromobenzene	12.726	156	3095	2.66	ug/l #	1
78) n-propylbenzene	12.814	91	10288145	1738.00	ug/l	95
79) 2-Chlorotoluene	12.879	91	4051639	1204.07	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.955	105	12241994	2994.80	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.544	75	1946	7.04	ug/l #	1
82) 4-Chlorotoluene	12.955	91	1422614	401.86	ug/l #	42
83) tert-Butylbenzene	13.267	119	6540093	1910.44	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.114	105	12295431	3024.43	ug/l	82
85) sec-Butylbenzene	13.397	105	1754949	347.32	ug/l #	64
86) p-Isopropyltoluene	13.514	119	6032369	1365.39	ug/l	94
89) n-Butylbenzene	13.838	91	1480488	358.16	ug/l #	71
90) Hexachloroethane	14.108	117	386065	460.00	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	14.538	75	18982	132.25	ug/l #	1
95) Naphthalene	15.391	128	1297504	506.83	ug/l	98
96) 1,2,3-Trichlorobenzene	15.602	180	6096	5.70	ug/l #	13

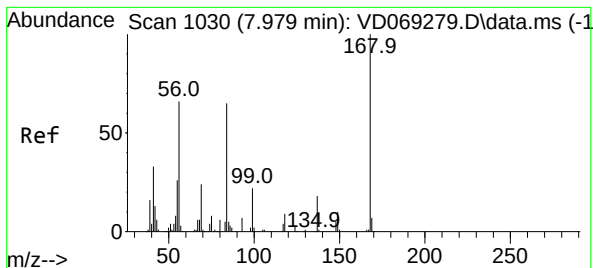
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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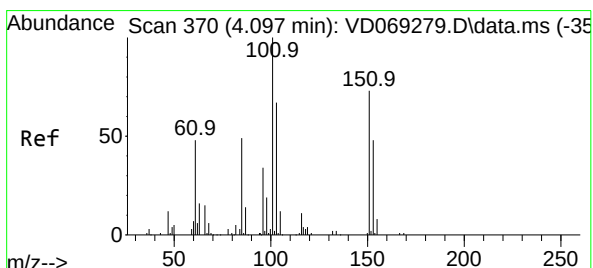
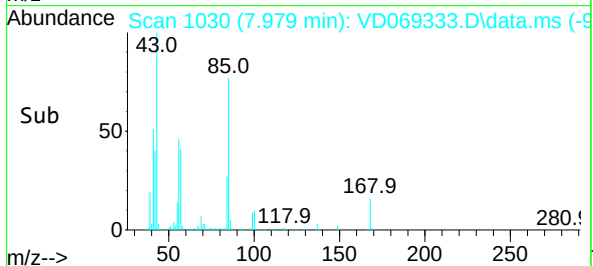
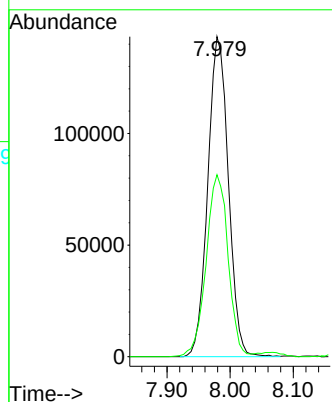
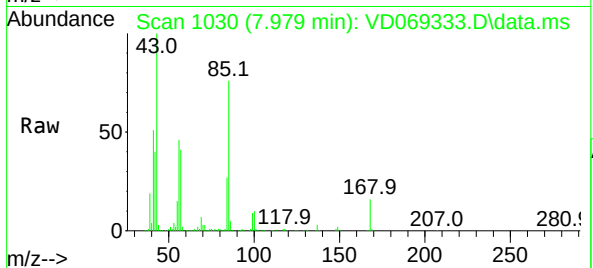




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

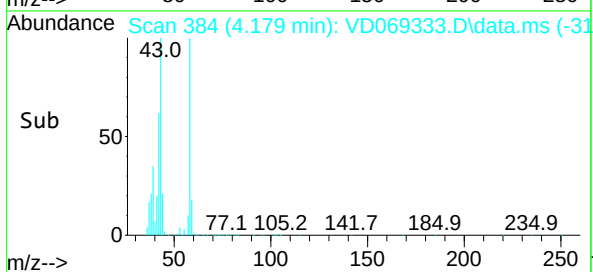
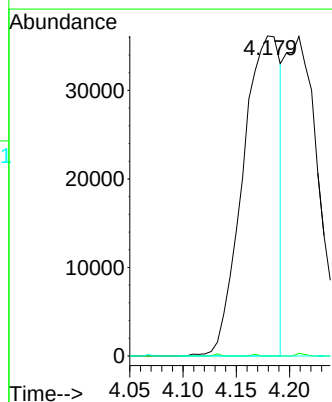
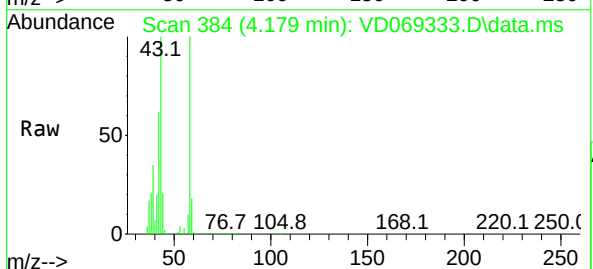
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MSVOA_D
ClientSampleId :

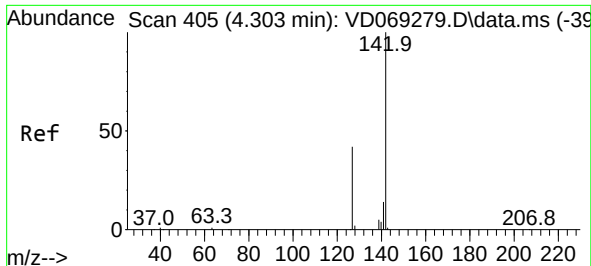
Tgt Ion:168 Resp: 324770
Ion Ratio Lower Upper
168 100
99 56.5 46.2 69.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.67 ug/l
RT: 4.179 min Scan# 384
Delta R.T. 0.082 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

Tgt Ion:101 Resp: 88851
Ion Ratio Lower Upper
101 100
85 0.1 35.1 52.7#
151 0.0 60.2 90.2#

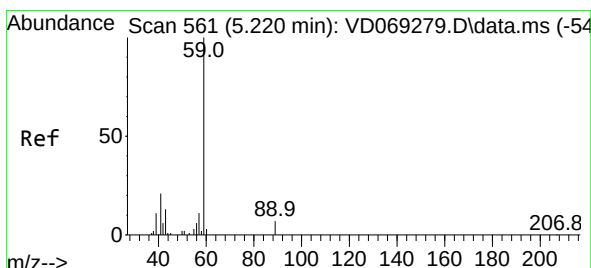
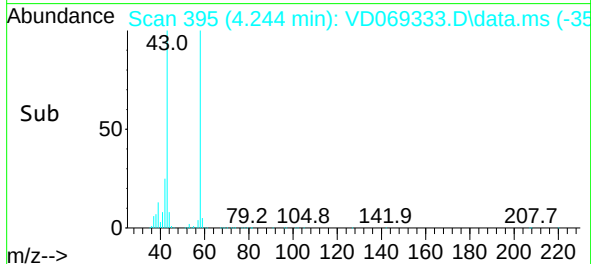
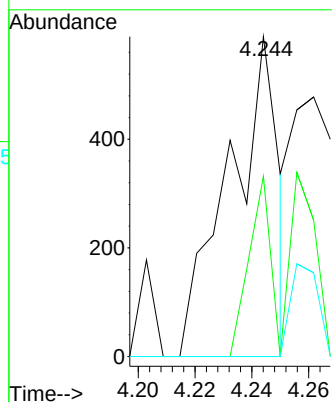
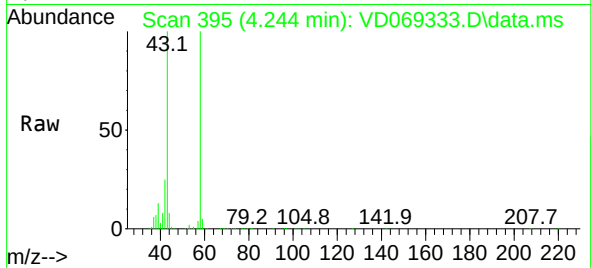




#10
Methyl Iodide
Concen: 2.69 ug/l
RT: 4.244 min Scan# 395
Delta R.T. -0.059 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

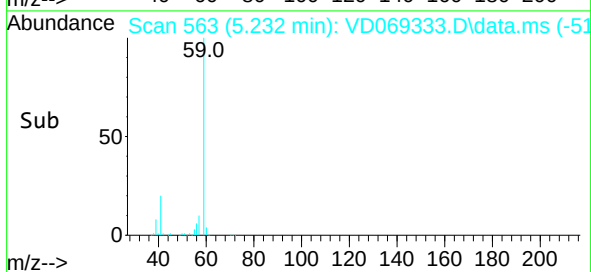
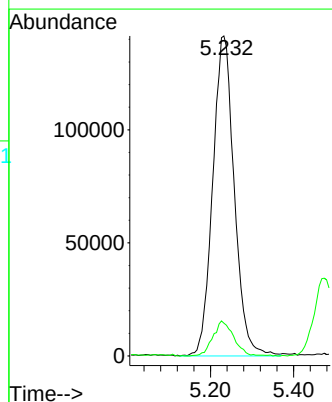
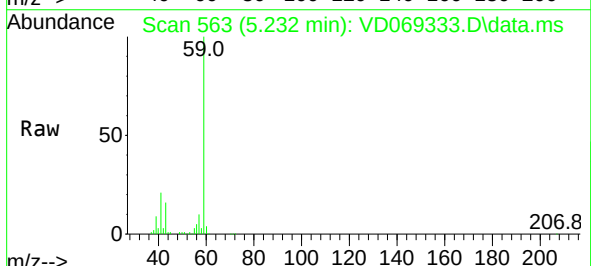
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MSVOA_D
ClientSampleId :

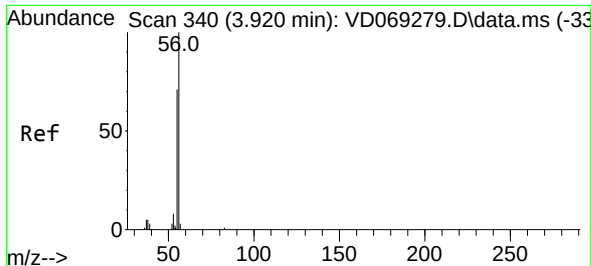
Tgt Ion:142 Resp: 712
Ion Ratio Lower Upper
142 100
127 24.4 36.2 54.2#
141 0.0 12.2 18.2#



#11
Tert butyl alcohol
Concen: 2948.79 ug/l
RT: 5.232 min Scan# 563
Delta R.T. 0.012 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

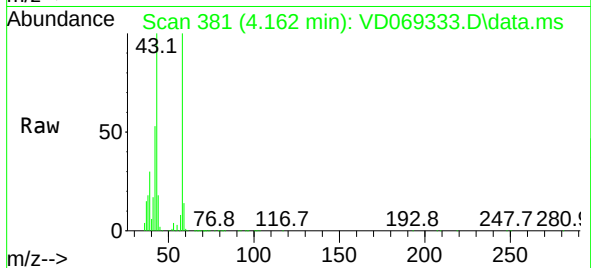
Tgt Ion: 59 Resp: 509358
Ion Ratio Lower Upper
59 100
57 10.6 7.8 11.8



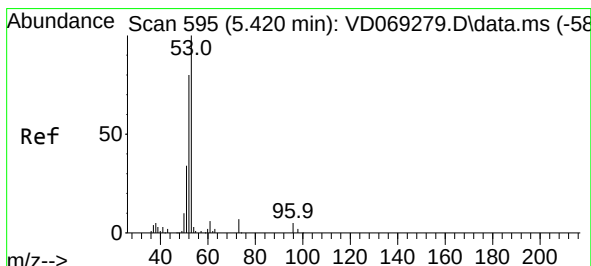
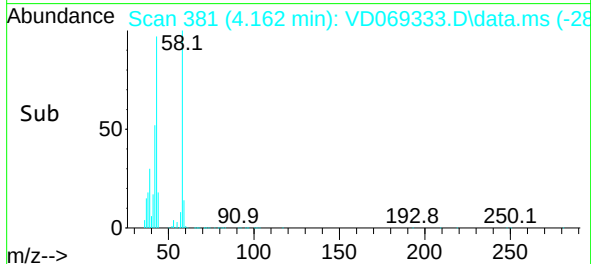
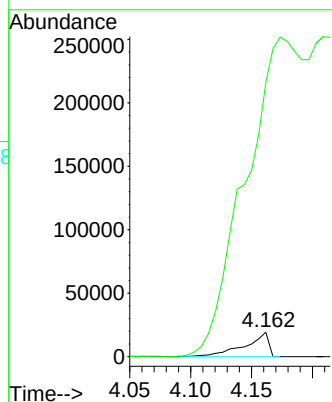


#13
Acrolein
Concen: 133.26 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.242 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

Instrument :
MSVOA_D
ClientSampled :

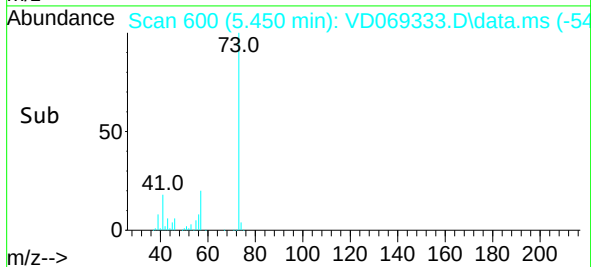
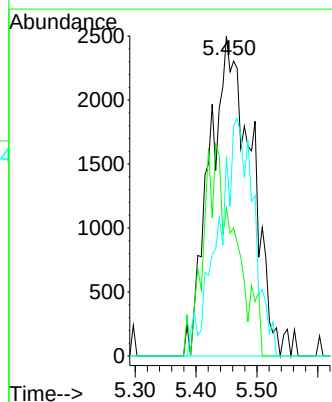
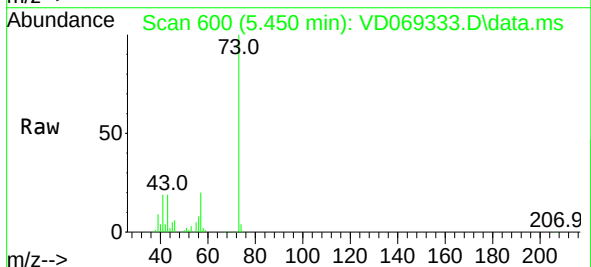


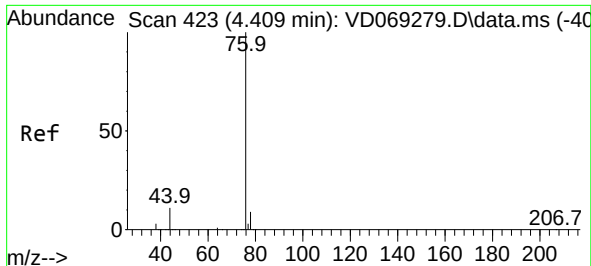
Tgt Ion: 56 Resp: 25936
Ion Ratio Lower Upper
56 100
55 3063.3 53.8 80.8#



#15
Acrylonitrile
Concen: 20.21 ug/l
RT: 5.450 min Scan# 600
Delta R.T. 0.030 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

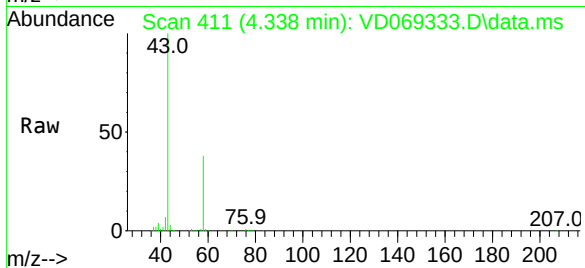
Tgt Ion: 53 Resp: 11836
Ion Ratio Lower Upper
53 100
52 0.0 64.5 96.7#
51 63.4 28.6 43.0#



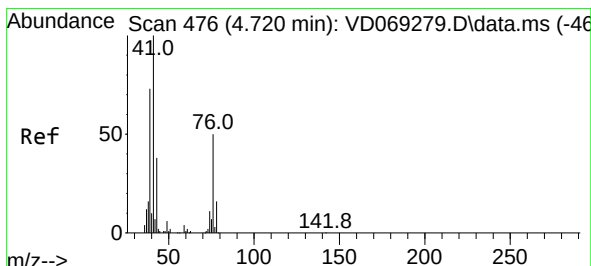
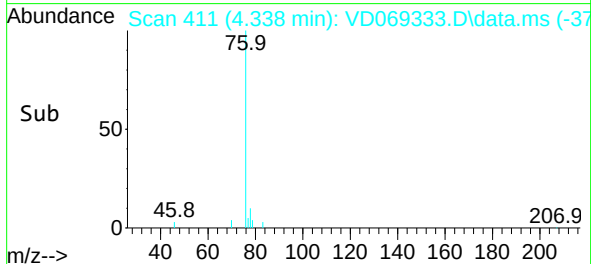
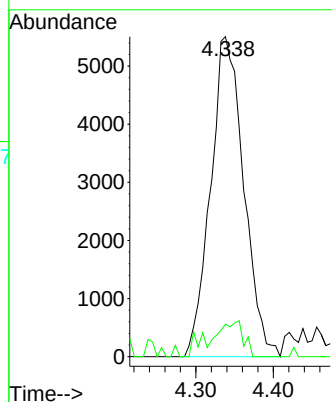


#17
Carbon Disulfide
Concen: 1.52 ug/l
RT: 4.338 min Scan# 411
Delta R.T. -0.070 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

Instrument :
MSVOA_D
ClientSampled :

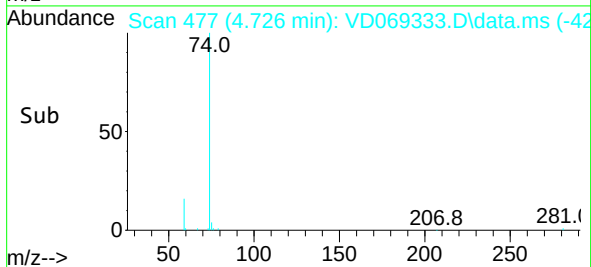
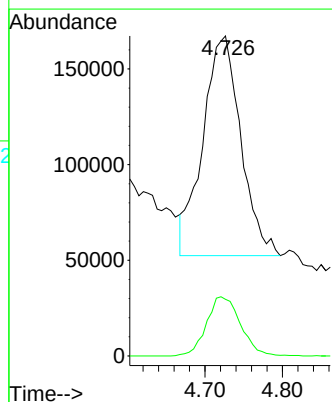
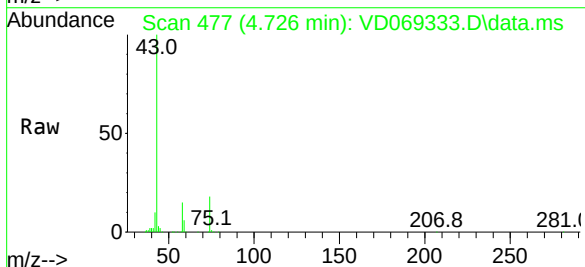


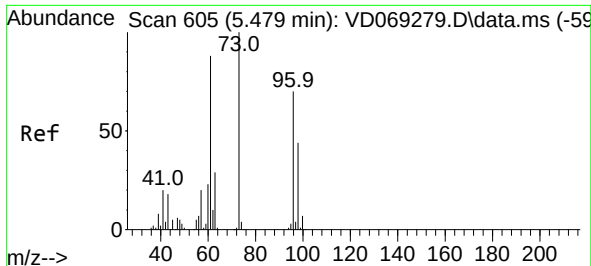
Tgt Ion: 76 Resp: 16369
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0



#18
Methyl Acetate
Concen: 265.42 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.006 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

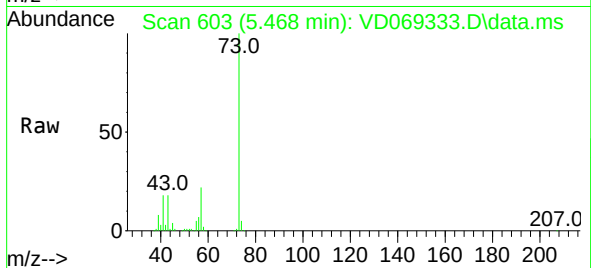
Tgt Ion: 43 Resp: 390605
Ion Ratio Lower Upper
43 100
74 24.2 22.8 34.2



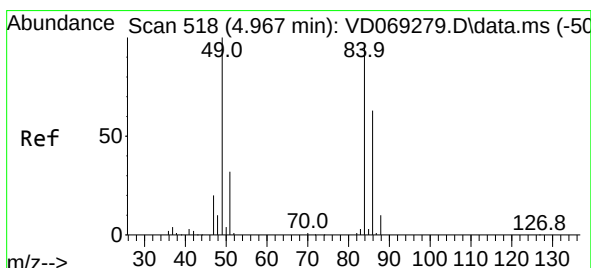
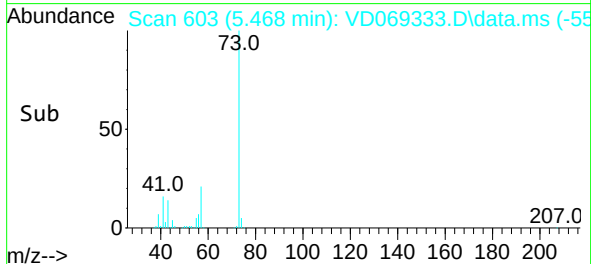
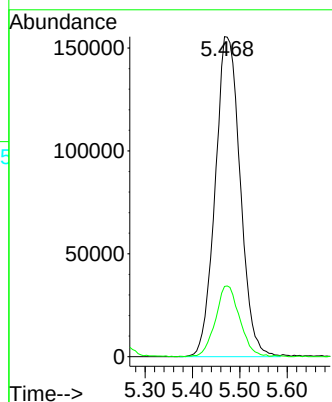


#19
Methyl tert-butyl Ether
Concen: 95.22 ug/l
RT: 5.468 min Scan# 603
Delta R.T. -0.012 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

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ClientSampled :

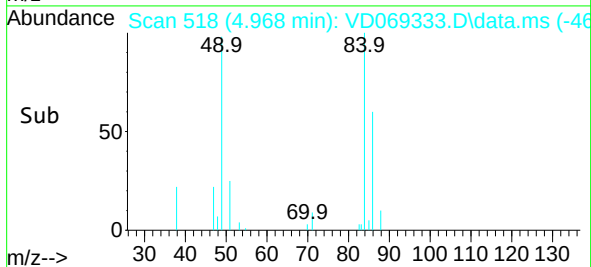
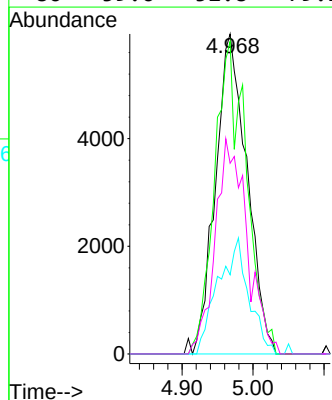
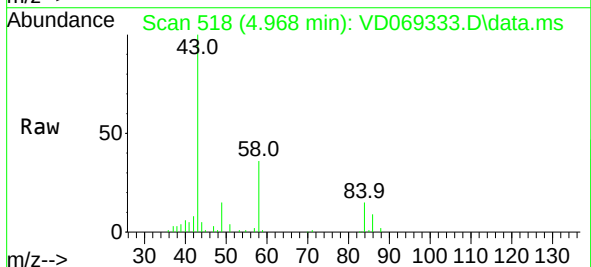


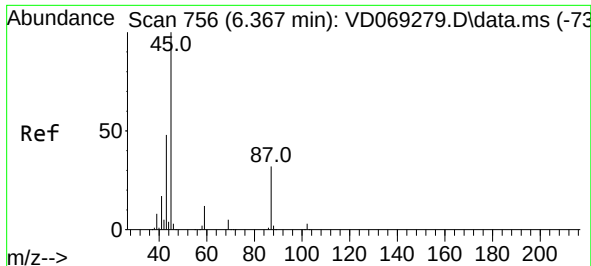
Tgt Ion: 73 Resp: 569660
Ion Ratio Lower Upper
73 100
57 21.8 15.7 23.5



#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. 0.001 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

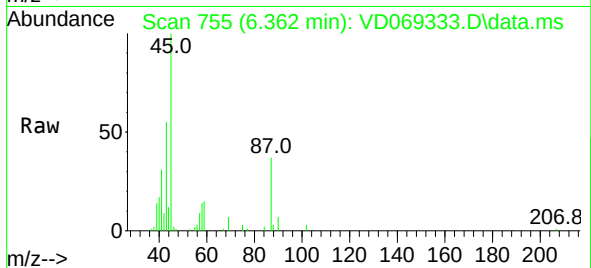
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Ion Ratio Lower Upper
84 100
49 97.7 83.7 125.5
51 24.8 26.4 39.6#
86 59.6 52.8 79.2



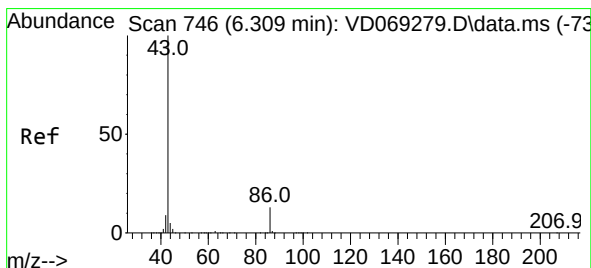
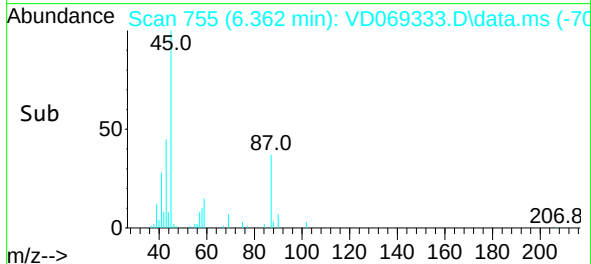
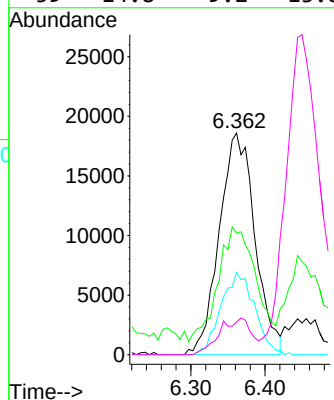


#22
Diisopropyl ether
Concen: 8.22 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

Instrument :
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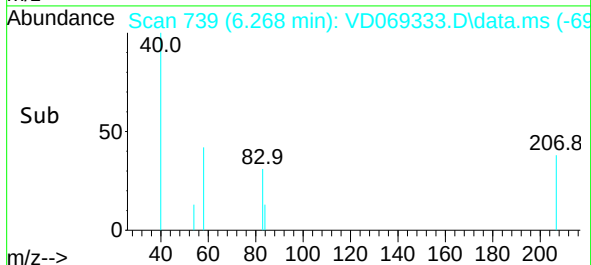
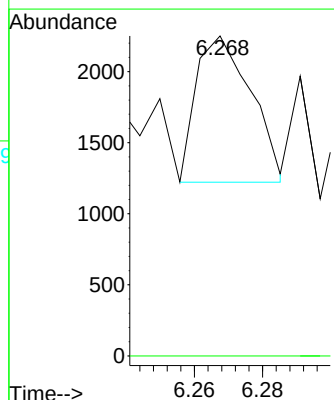
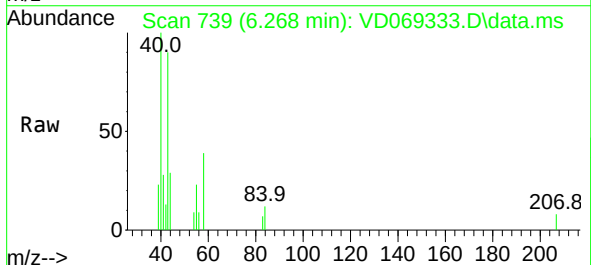


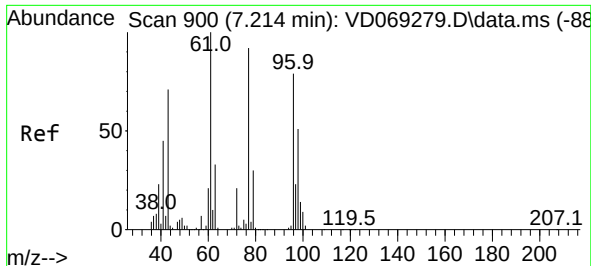
Tgt Ion:	45	Resp:	62064
Ion	Ratio	Lower	Upper
45	100		
43	48.1	38.7	58.1
87	37.1	25.6	38.4
59	14.8	9.2	13.8



#23
Vinyl Acetate
Concen: 11.84 ug/l
RT: 6.268 min Scan# 739
Delta R.T. -0.042 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

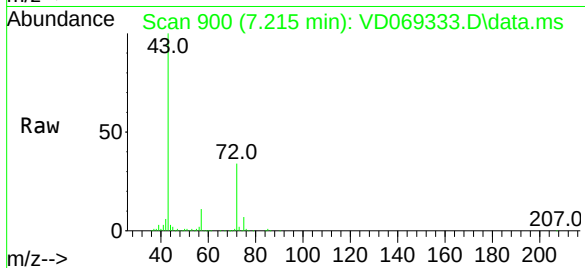
Tgt Ion:	43	Resp:	1149
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.5	15.7



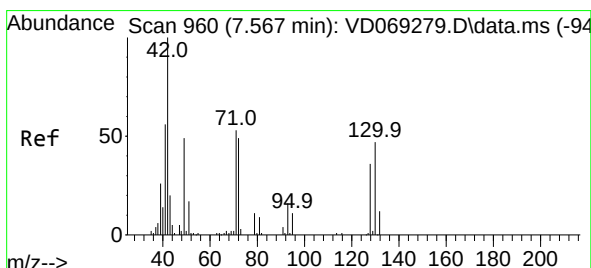
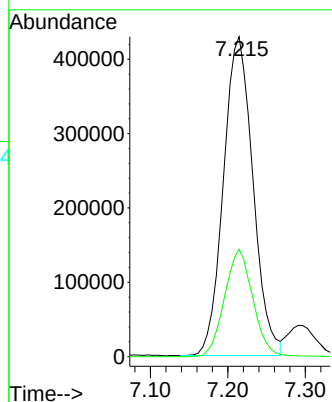
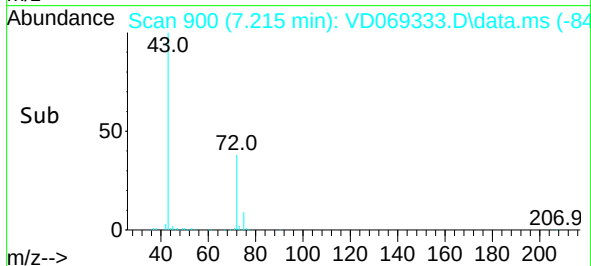


#25
2-Butanone
Concen: 1588.09 ug/l
RT: 7.215 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

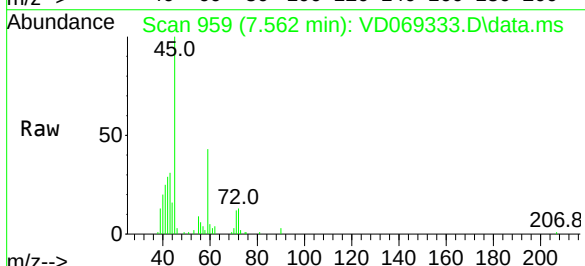
Instrument :
MSVOA_D
ClientSampled :



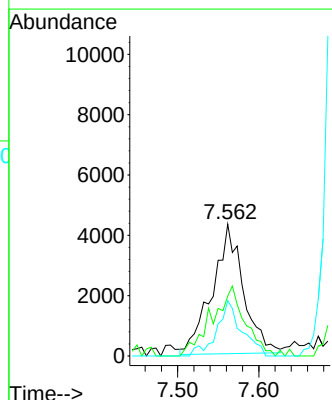
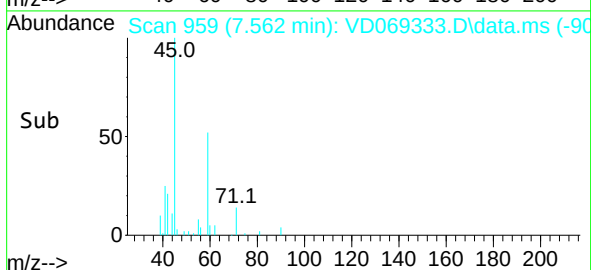
Tgt Ion: 43 Resp: 1136402
Ion Ratio Lower Upper
43 100
72 33.7 23.9 35.9

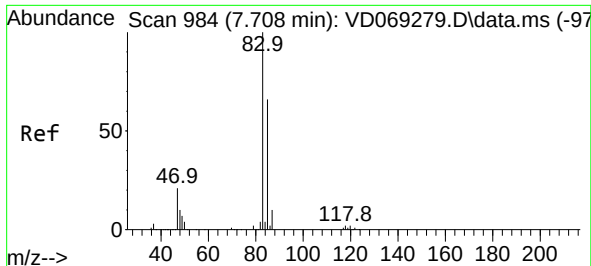


#29
Tetrahydrofuran
Concen: 27.92 ug/l
RT: 7.562 min Scan# 959
Delta R.T. -0.006 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03



Tgt Ion: 42 Resp: 11482
Ion Ratio Lower Upper
42 100
72 57.3 41.0 61.6
71 0.0 38.9 58.3#

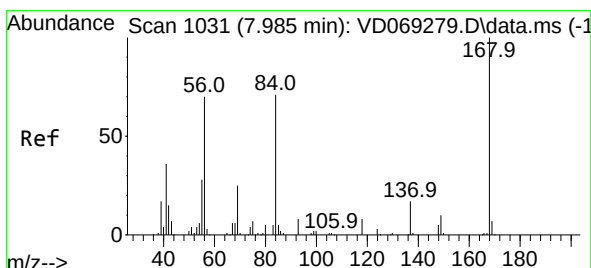
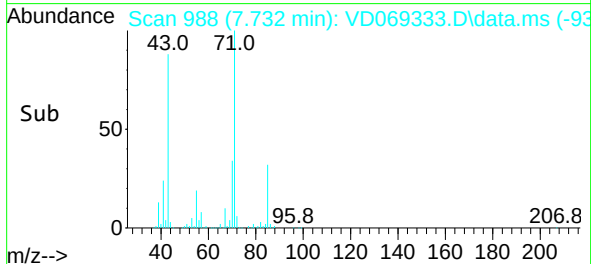
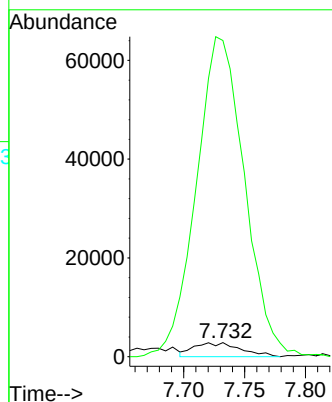
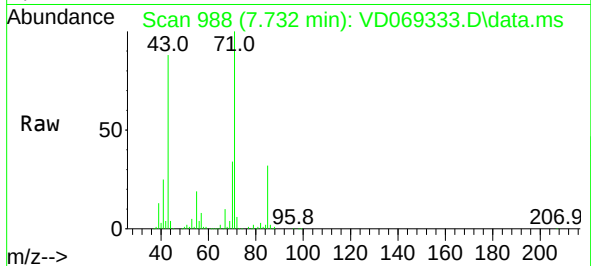




#30
Chloroform
Concen: 1.09 ug/l
RT: 7.732 min Scan# 988
Delta R.T. 0.024 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

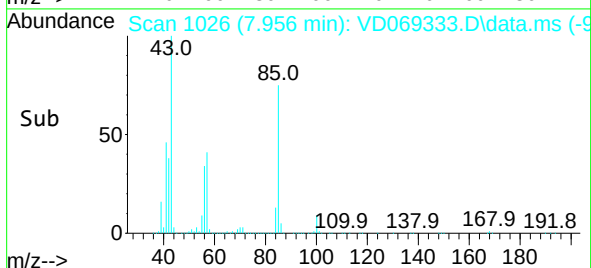
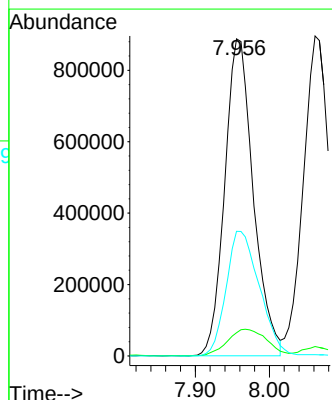
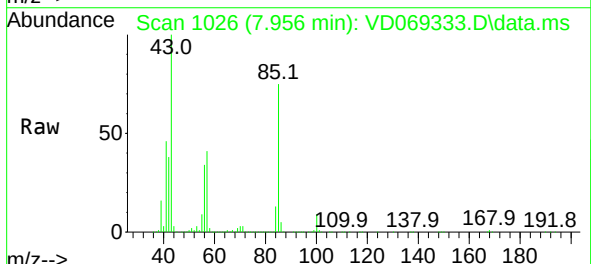
Instrument :
MSVOA_D
ClientSampled :

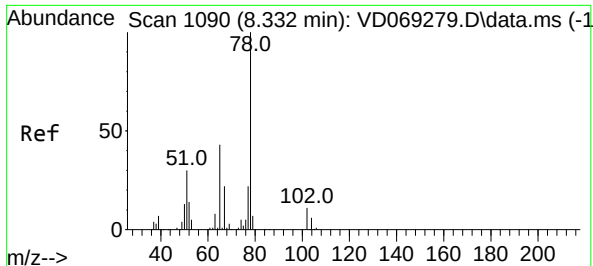
Tgt Ion: 83 Resp: 7508
Ion Ratio Lower Upper
83 100
85 2144.3 52.6 78.8#



#31
Cyclohexane
Concen: 480.83 ug/l
RT: 7.956 min Scan# 1026
Delta R.T. -0.029 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

Tgt Ion: 56 Resp: 2380873
Ion Ratio Lower Upper
56 100
69 7.2 29.0 43.4#
84 39.3 81.1 121.7#

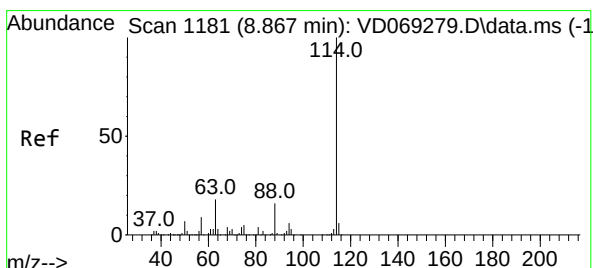
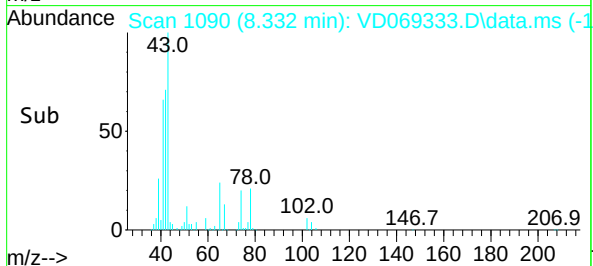
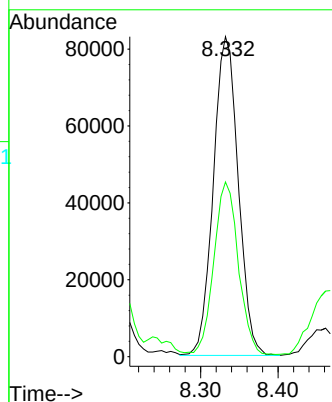
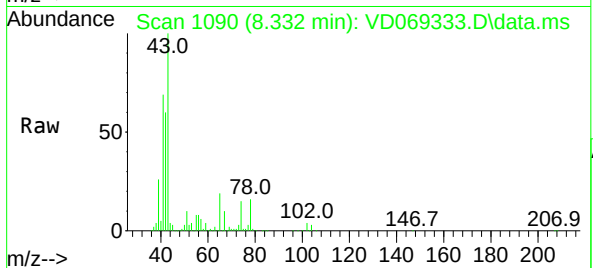




#33
1,2-Dichloroethane-d4
Concen: 59.43 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

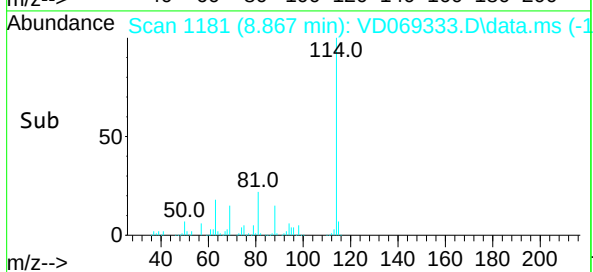
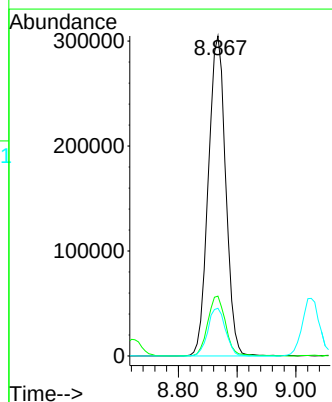
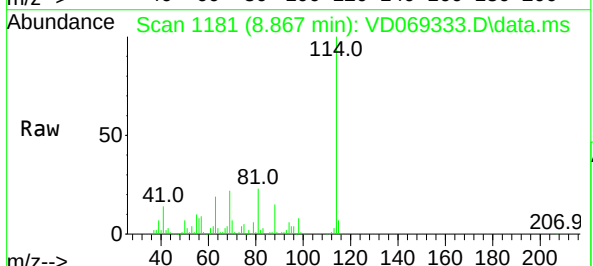
Instrument :
MSVOA_D
ClientSampled :

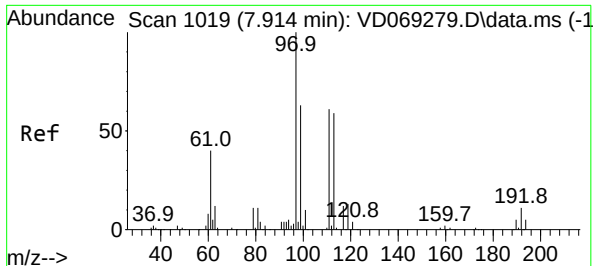
Tgt Ion: 65 Resp: 185186
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

Tgt Ion: 114 Resp: 625676
Ion Ratio Lower Upper
114 100
63 18.6 0.0 35.6
88 14.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 54.25 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD069333.D

Acq: 03 Jun 2021 19:03

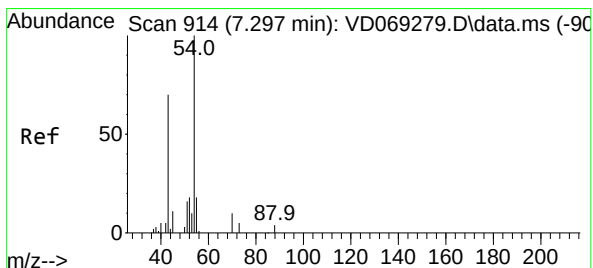
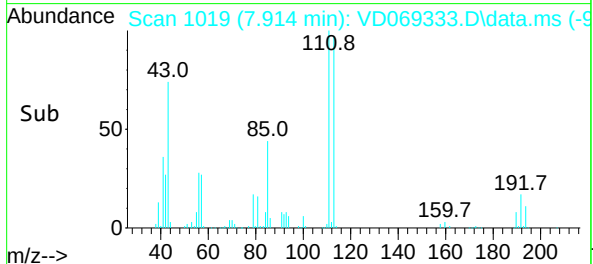
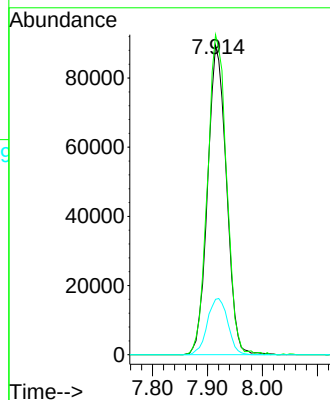
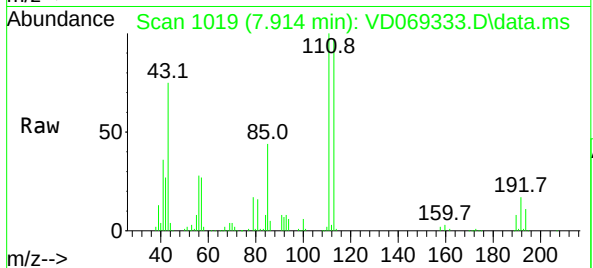
Tgt Ion:113 Resp: 213150

Ion Ratio Lower Upper

113 100

111 105.0 83.0 124.6

192 19.6 15.1 22.7



#37

Ethyl Acetate

Concen: 49.79 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD069333.D

Acq: 03 Jun 2021 19:03

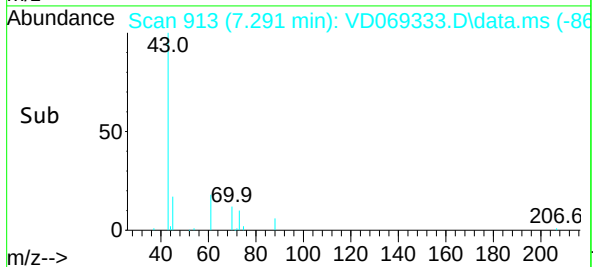
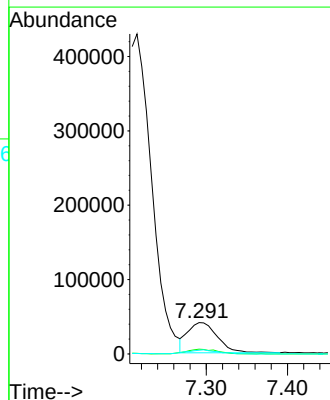
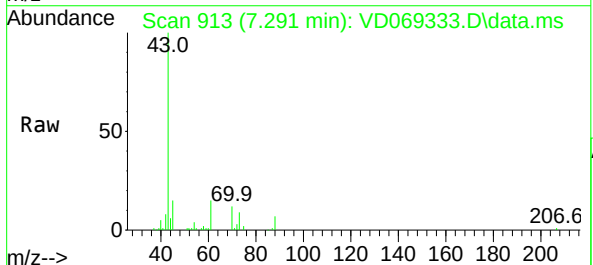
Tgt Ion: 43 Resp: 102812

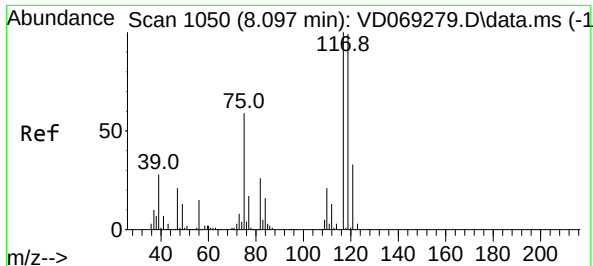
Ion Ratio Lower Upper

43 100

61 16.8 11.0 16.6#

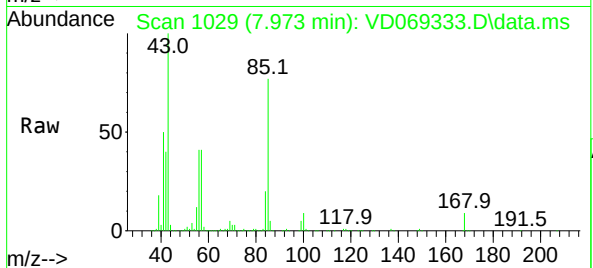
70 14.1 9.7 14.5



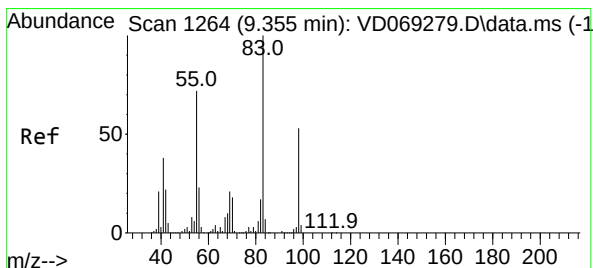
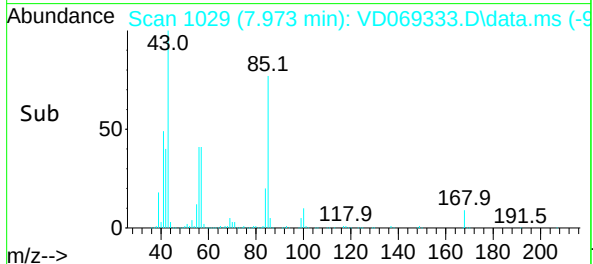
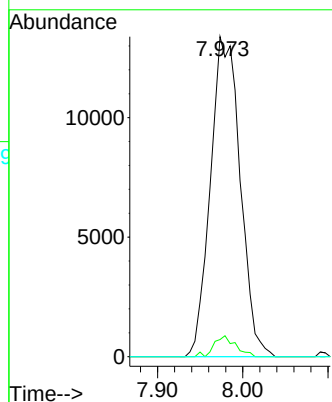


#38
Carbon Tetrachloride
Concen: 4.94 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

Instrument :
MSVOA_D
ClientSampleId :

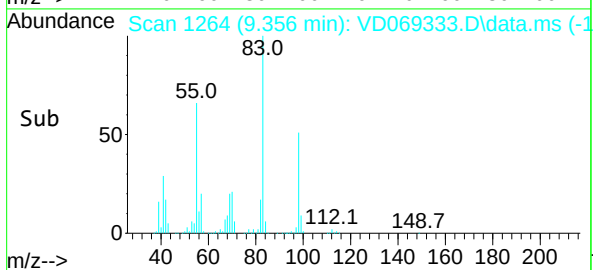
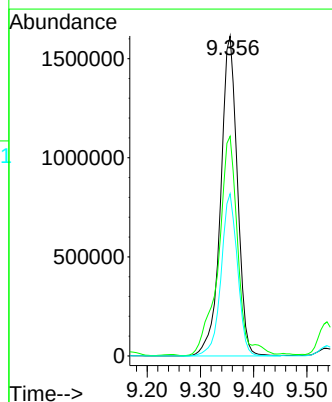
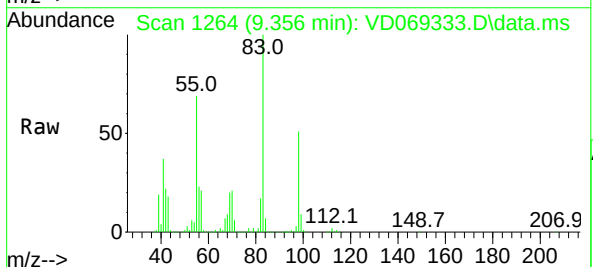


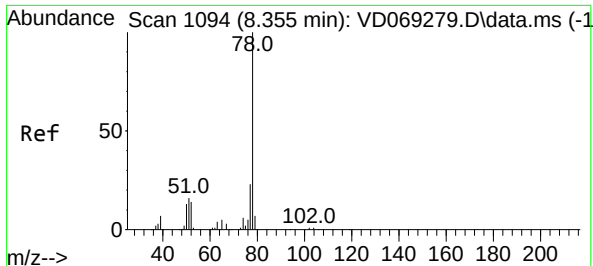
Tgt Ion:117 Resp: 32459
Ion Ratio Lower Upper
117 100
119 5.3 79.4 119.2#
121 0.0 26.1 39.1#



#39
Methylcyclohexane
Concen: 565.93 ug/l
RT: 9.356 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

Tgt Ion: 83 Resp: 3520787
Ion Ratio Lower Upper
83 100
55 68.5 57.4 86.2
98 50.7 42.2 63.2

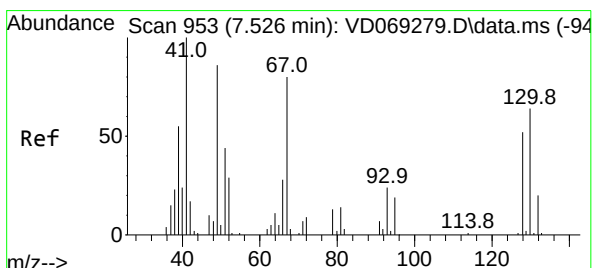
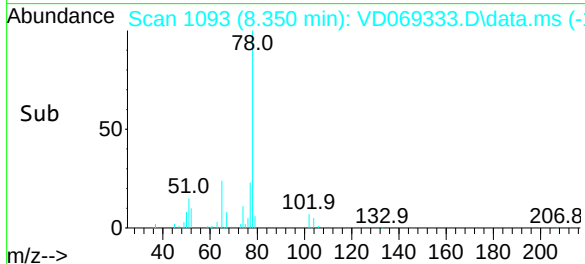
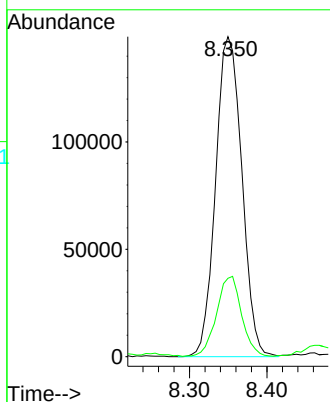
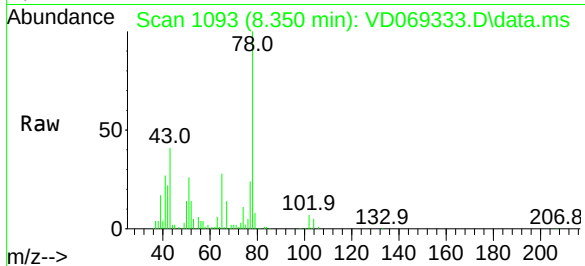




#40
Benzene
Concen: 19.90 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

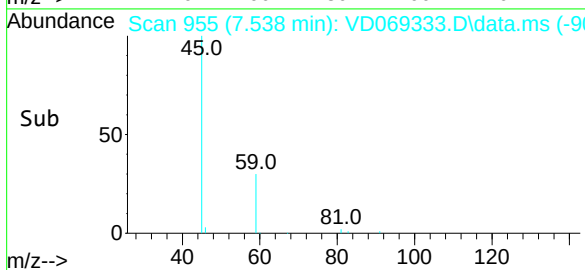
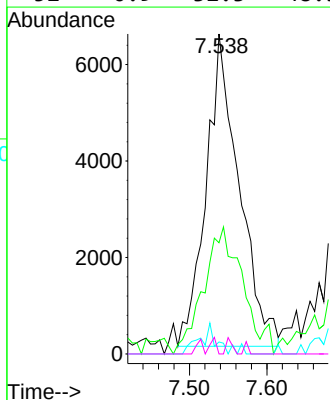
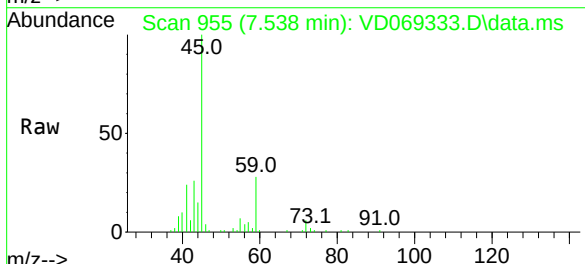
Instrument :
MSVOA_D
ClientSampled :

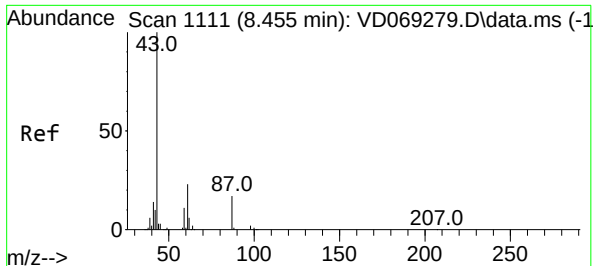
Tgt Ion: 78 Resp: 351570
Ion Ratio Lower Upper
78 100
77 24.2 18.7 28.1



#41
Methacrylonitrile
Concen: 19.05 ug/l
RT: 7.538 min Scan# 955
Delta R.T. 0.012 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

Tgt Ion: 41 Resp: 19103
Ion Ratio Lower Upper
41 100
39 46.2 50.6 76.0#
67 0.0 86.2 129.4#
52 0.9 32.3 48.5#



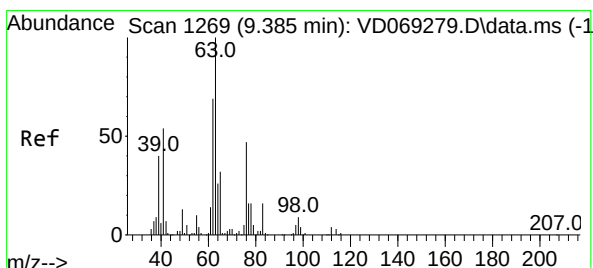
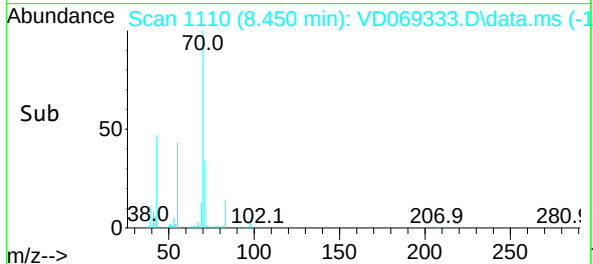
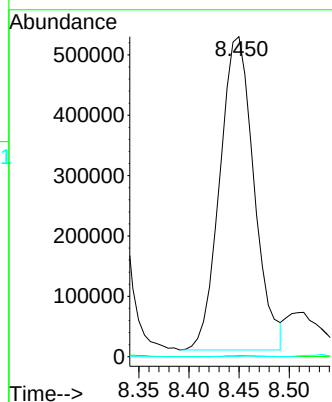
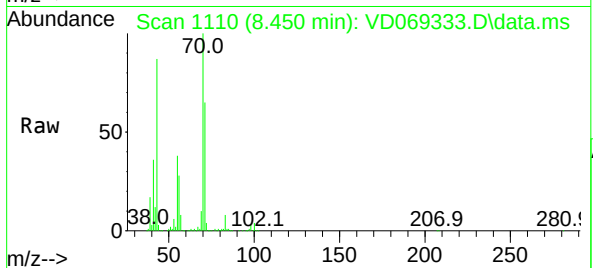


#43

Isopropyl Acetate
Concen: 327.80 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

Instrument :
MSVOA_D
ClientSampled :

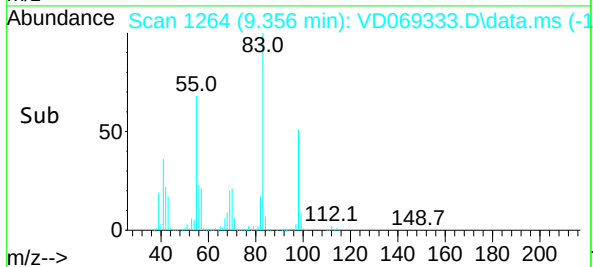
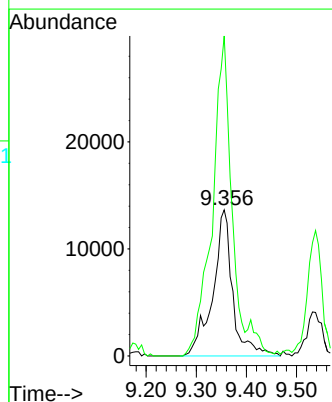
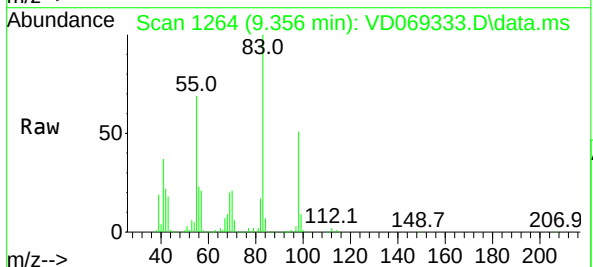
Tgt Ion: 43 Resp: 1231919
Ion Ratio Lower Upper
43 100
61 0.3 29.0 43.6#
87 0.1 12.7 19.1#

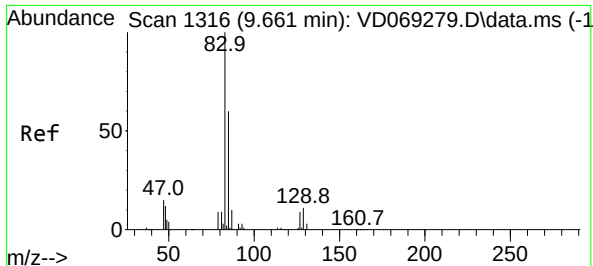


#45

1,2-Dichloropropane
Concen: 8.90 ug/l
RT: 9.356 min Scan# 1264
Delta R.T. -0.029 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

Tgt Ion: 63 Resp: 37410
Ion Ratio Lower Upper
63 100
65 218.9 25.3 37.9#





#47

Bromodichloromethane

Concen: 7.50 ug/l

RT: 9.632 min Scan# 1311

Delta R.T. -0.029 min

Lab File: VD069333.D

Acq: 03 Jun 2021 19:03

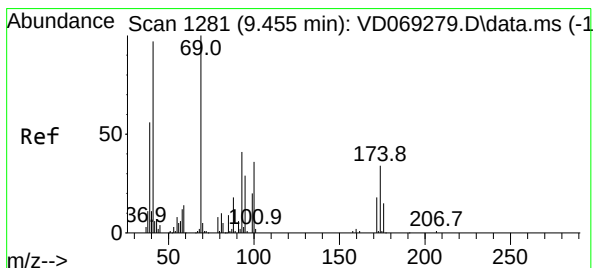
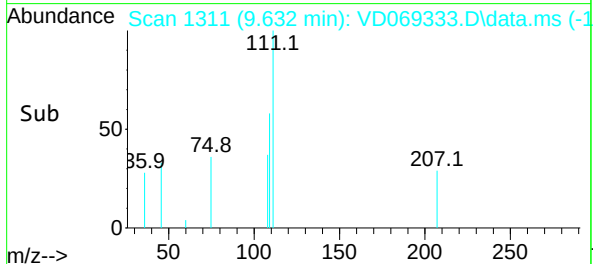
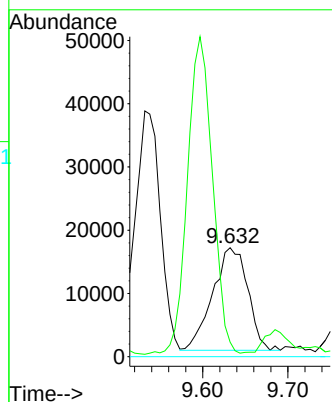
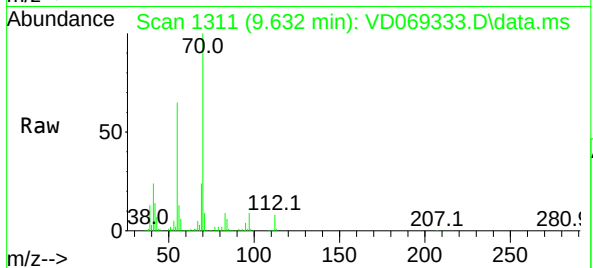
Tgt Ion: 83 Resp: 46497

Ion Ratio Lower Upper

83 100

85 0.0 48.2 72.2#

127 0.0 7.1 10.7#



#48

Methyl methacrylate

Concen: 131.94 ug/l

RT: 9.456 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD069333.D

Acq: 03 Jun 2021 19:03

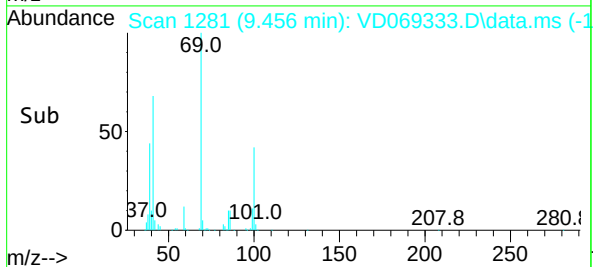
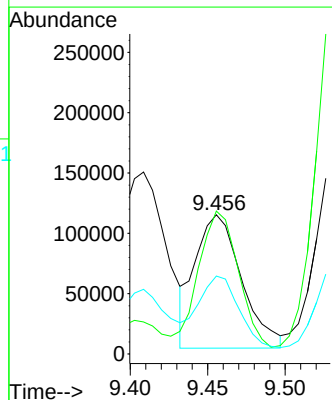
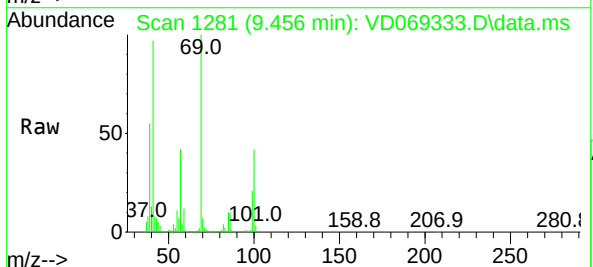
Tgt Ion: 41 Resp: 230206

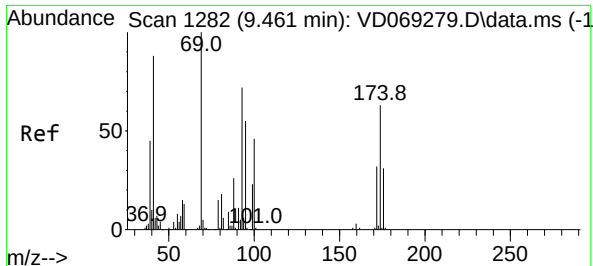
Ion Ratio Lower Upper

41 100

69 95.5 77.6 116.4

39 50.7 45.3 67.9

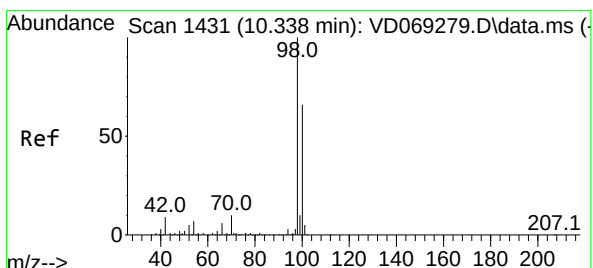
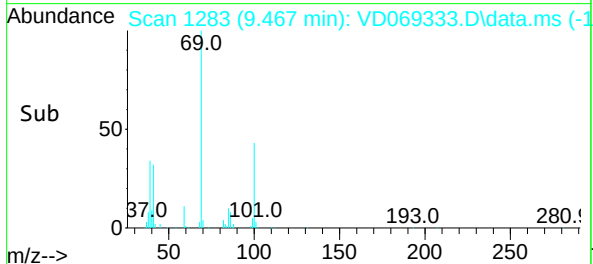
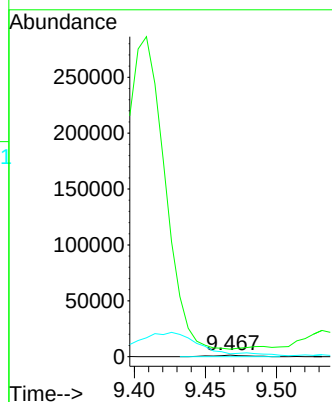
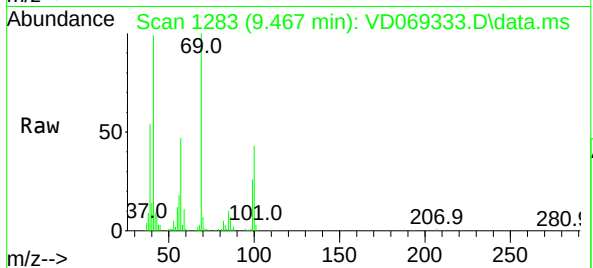




#49
1,4-Dioxane
Concen: 98.98 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.006 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

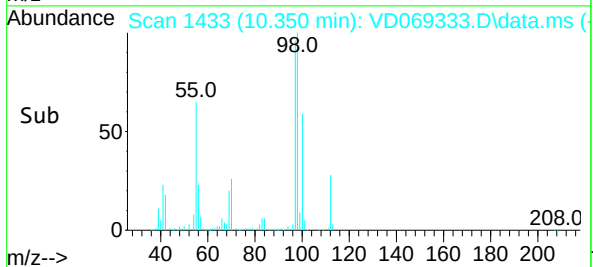
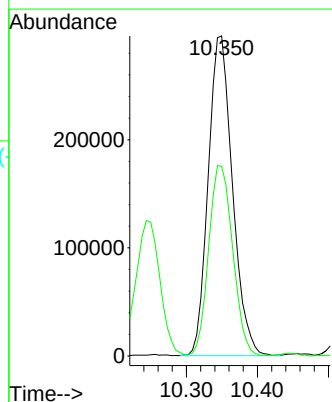
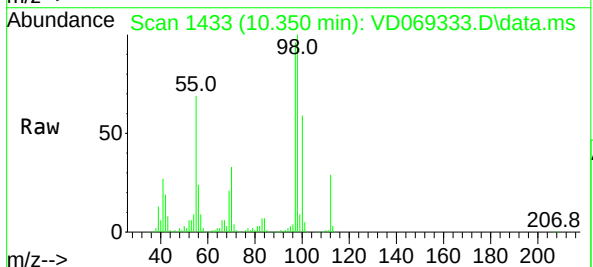
Instrument :
MSVOA_D
ClientSampleId :

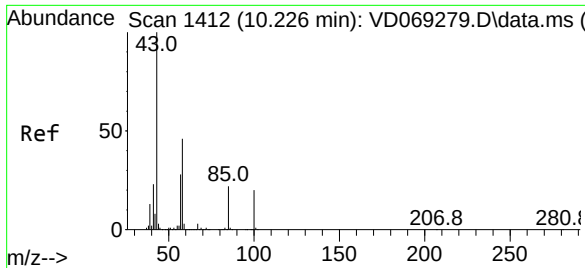
Tgt Ion: 88 Resp: 2337
Ion Ratio Lower Upper
88 100
43 0.0 25.4 38.2#
58 0.0 50.2 75.4#



#50
Toluene-d8
Concen: 49.11 ug/l
RT: 10.350 min Scan# 1433
Delta R.T. 0.012 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

Tgt Ion: 98 Resp: 701718
Ion Ratio Lower Upper
98 100
100 58.8 52.1 78.1

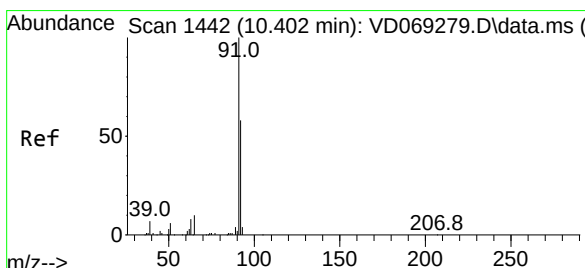
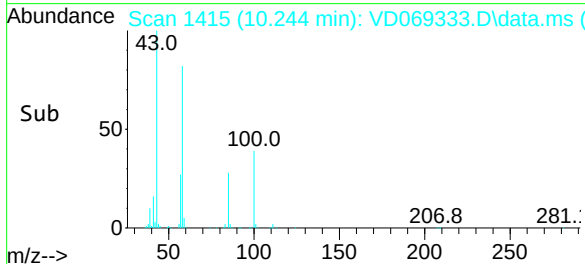
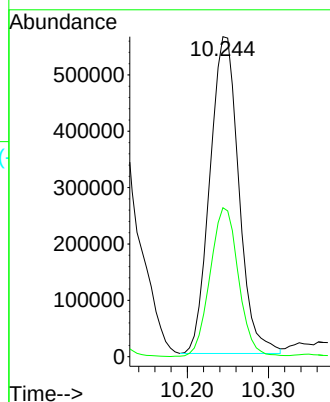
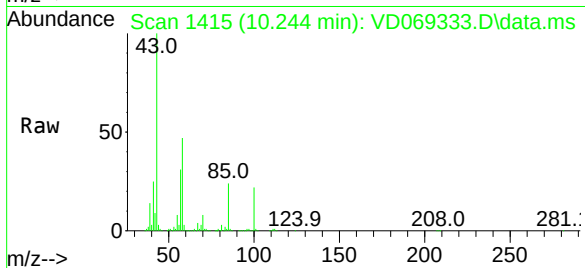




#51
4-Methyl-2-Pentanone
Concen: 718.28 ug/l
RT: 10.244 min Scan# 1415
Delta R.T. 0.018 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

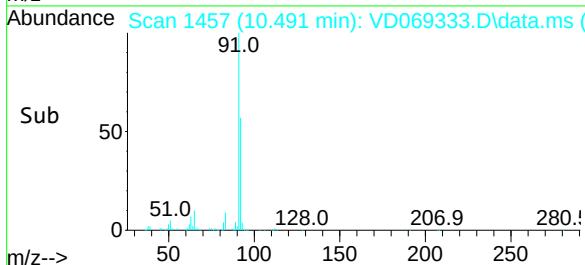
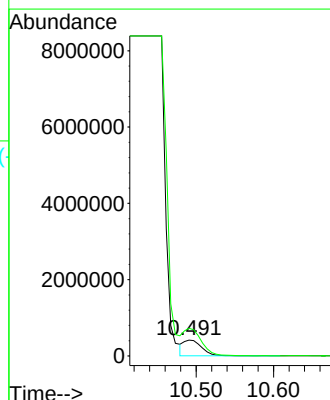
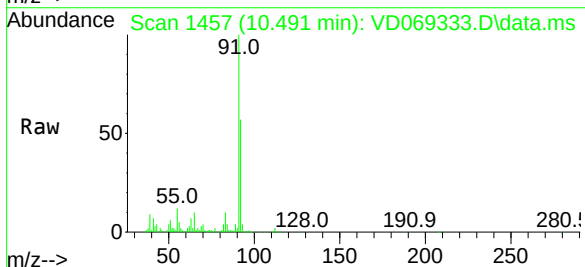
Instrument :
MSVOA_D
ClientSampleId :

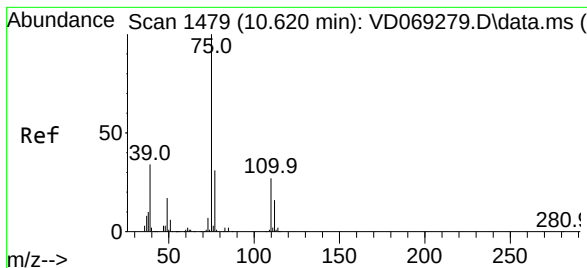
Tgt Ion: 43 Resp: 1394240
Ion Ratio Lower Upper
43 100
58 46.2 35.1 52.7



#52
Toluene
Concen: 60.05 ug/l
RT: 10.491 min Scan# 1457
Delta R.T. 0.088 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

Tgt Ion: 92 Resp: 669459
Ion Ratio Lower Upper
92 100
91 172.1 138.4 207.6

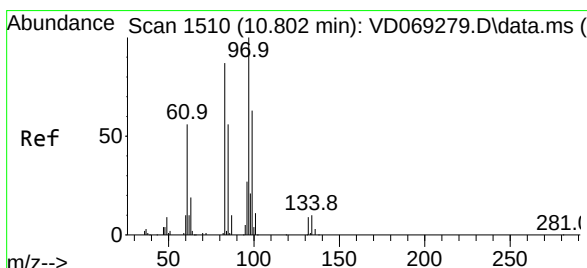
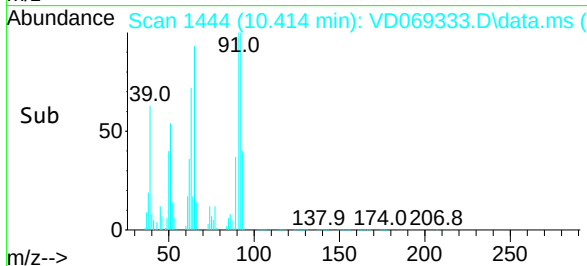
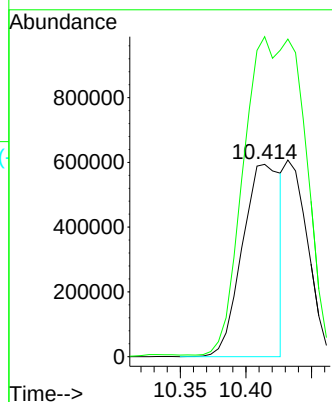
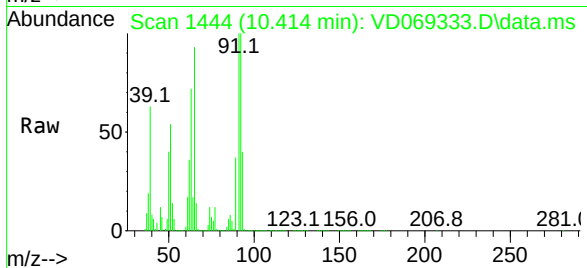




#53
t-1,3-Dichloropropene
Concen: 217.71 ug/l
RT: 10.414 min Scan# 1444
Delta R.T. -0.206 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

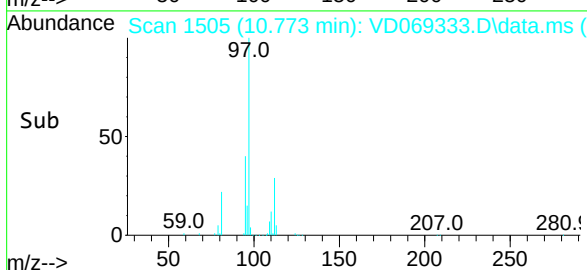
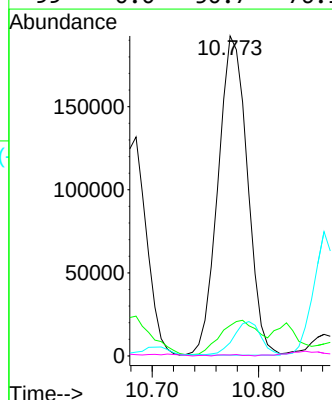
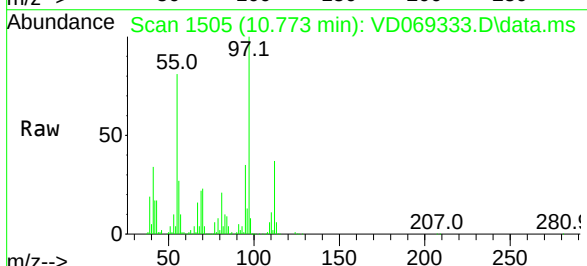
Instrument :
MSVOA_D
ClientSampled :

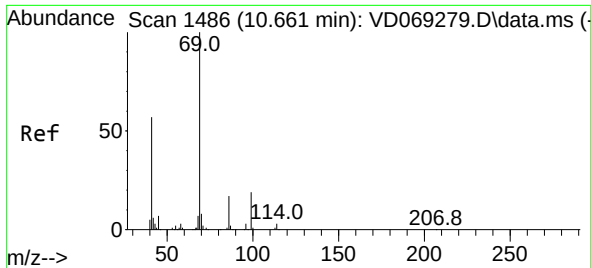
Tgt Ion: 75 Resp: 1205117
Ion Ratio Lower Upper
75 100
77 165.5 25.1 37.7#



#55
1,1,2-Trichloroethane
Concen: 110.09 ug/l
RT: 10.773 min Scan# 1505
Delta R.T. -0.029 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

Tgt Ion: 97 Resp: 367075
Ion Ratio Lower Upper
97 100
83 8.8 69.4 104.0#
85 3.7 44.5 66.7#
99 0.0 50.7 76.1#

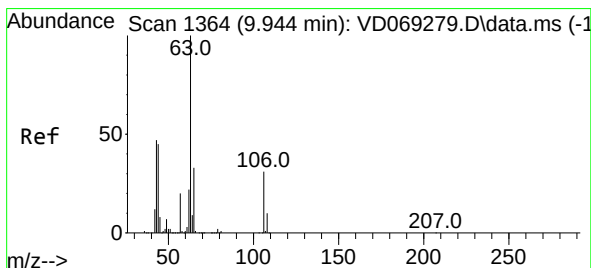
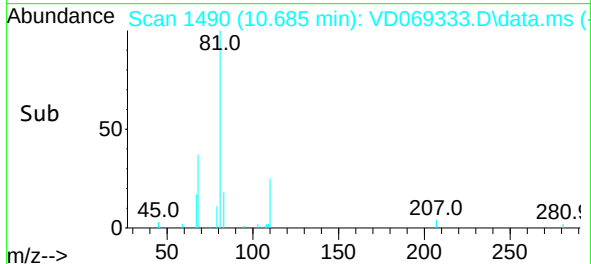
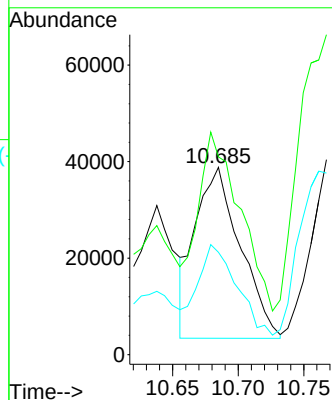
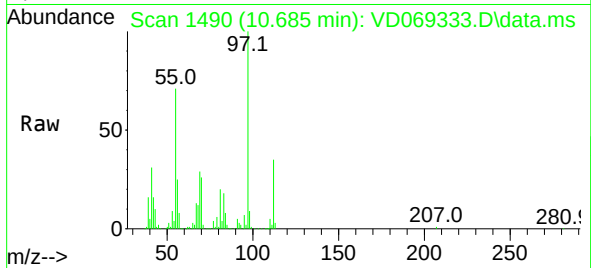




#56
Ethyl methacrylate
Concen: 23.79 ug/l
RT: 10.685 min Scan# 1490
Delta R.T. 0.024 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

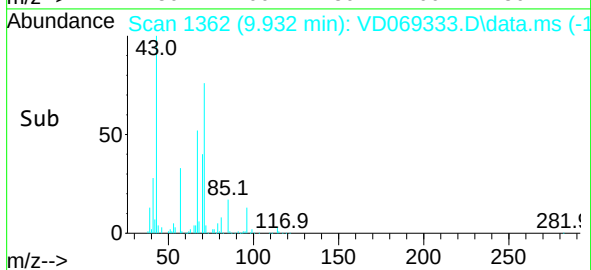
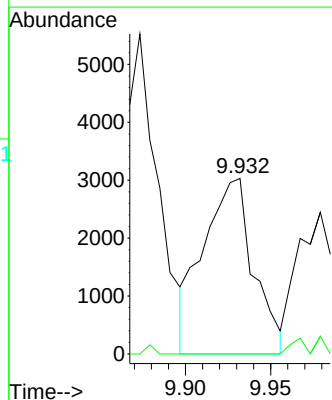
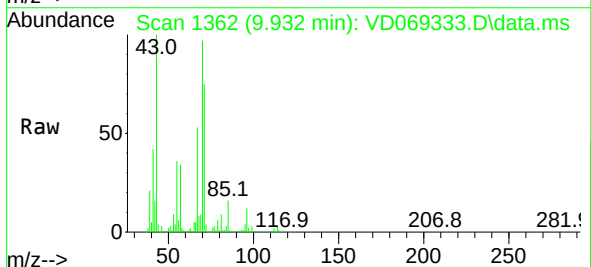
Instrument :
MSVOA_D
ClientSampled :

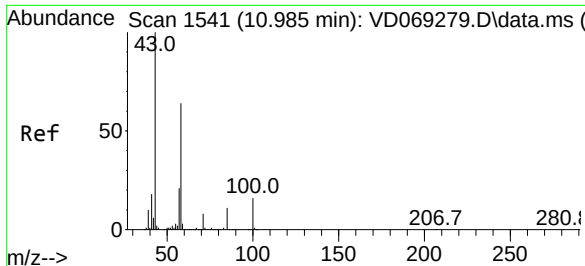
Tgt Ion: 69 Resp: 84920
Ion Ratio Lower Upper
69 100
41 96.3 45.4 68.2#
39 0.0 21.7 32.5#



#58
2-Chloroethyl Vinyl ether
Concen: 3.98 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.012 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

Tgt Ion: 63 Resp: 6221
Ion Ratio Lower Upper
63 100
106 0.0 24.8 37.2#

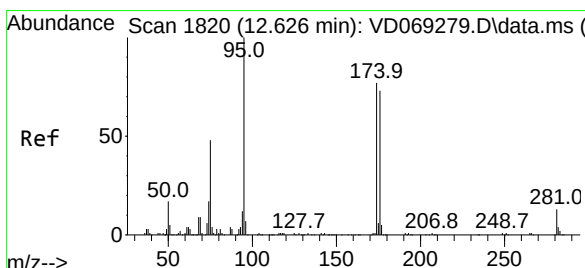
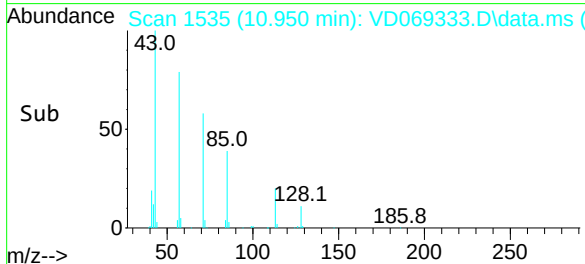
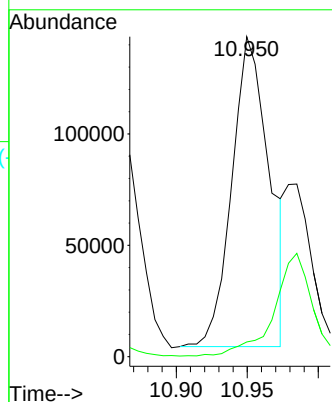
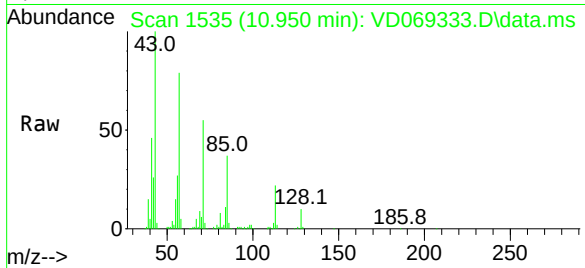




#59
2-Hexanone
Concen: 196.32 ug/l
RT: 10.950 min Scan# 1535
Delta R.T. -0.035 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

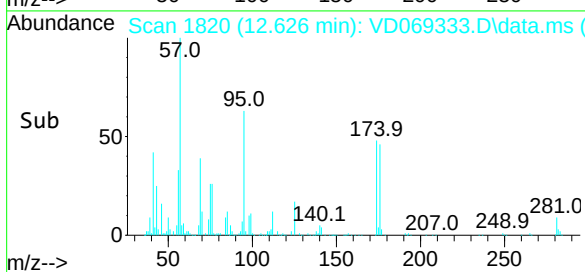
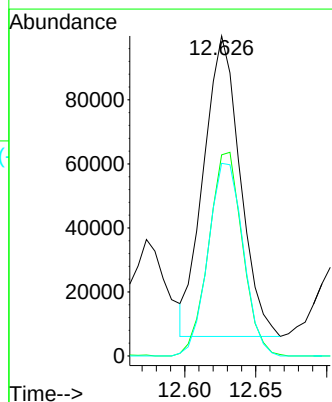
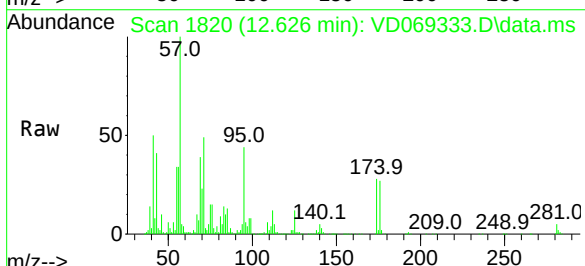
Instrument :
MSVOA_D
ClientSampled :

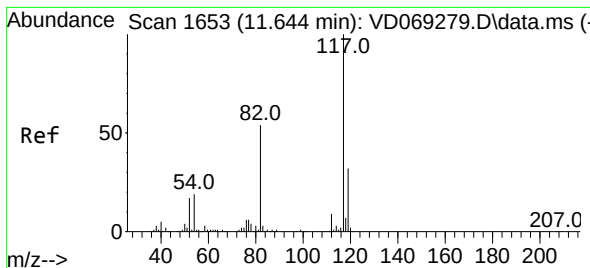
Tgt Ion: 43 Resp: 254732
Ion Ratio Lower Upper
43 100
58 0.0 30.8 92.3#



#62
4-Bromofluorobenzene
Concen: 35.79 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

Tgt Ion: 95 Resp: 167563
Ion Ratio Lower Upper
95 100
174 63.2 0.0 162.8
176 61.7 0.0 154.4

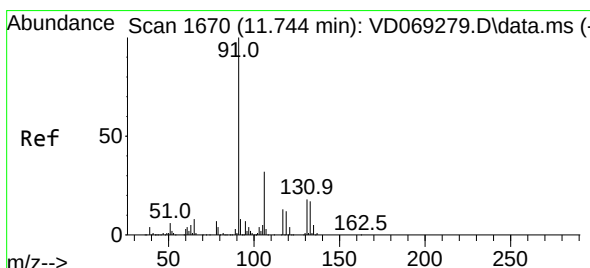
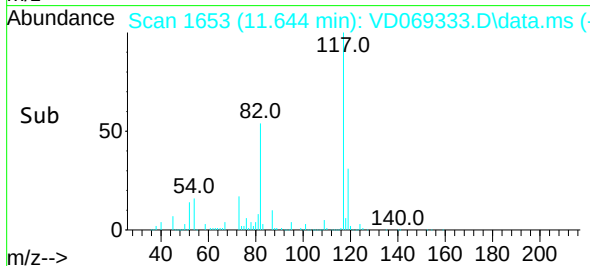
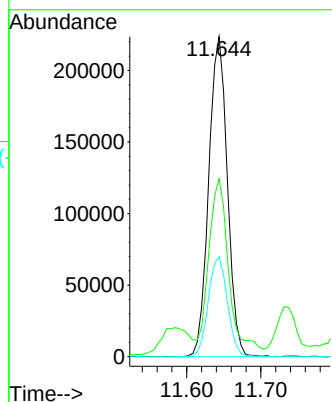
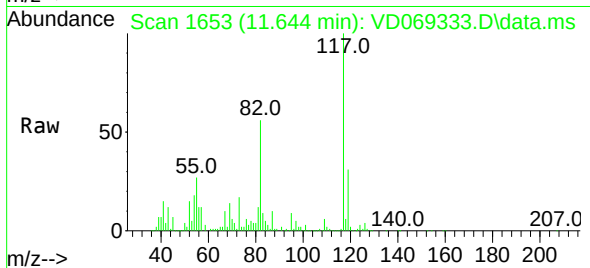




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

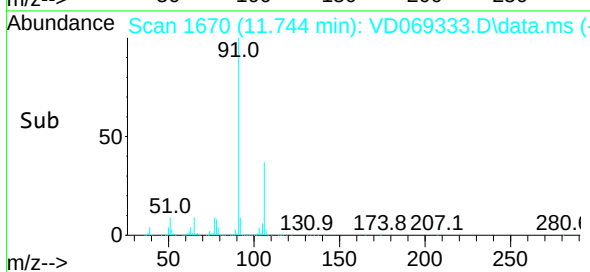
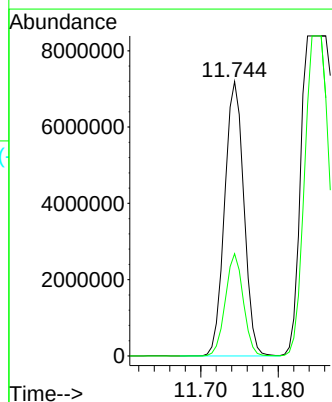
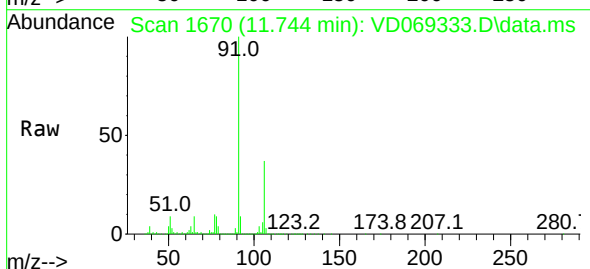
Instrument :
MSVOA_D
ClientSampleId :

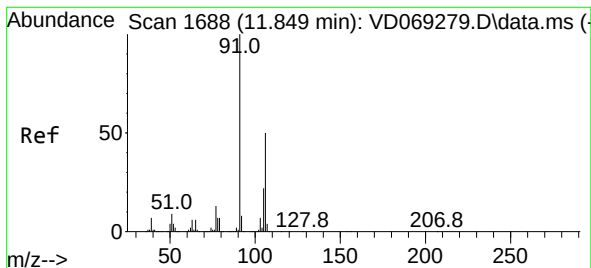
Tgt Ion:117 Resp: 390207
Ion Ratio Lower Upper
117 100
82 47.0 43.3 64.9
119 31.2 25.3 37.9



#67
Ethyl Benzene
Concen: 906.95 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

Tgt Ion: 91 Resp:12425060
Ion Ratio Lower Upper
91 100
106 37.3 25.9 38.9

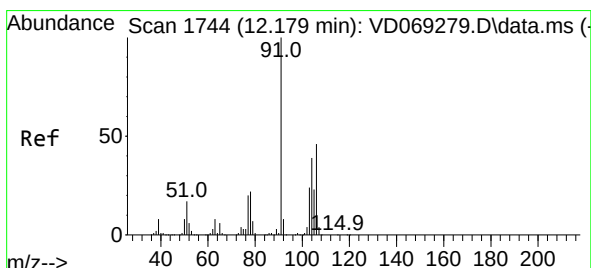
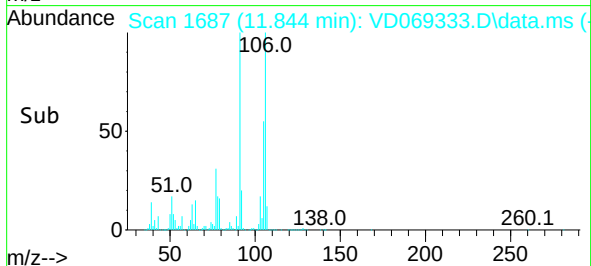
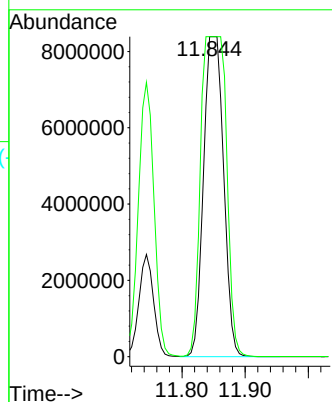
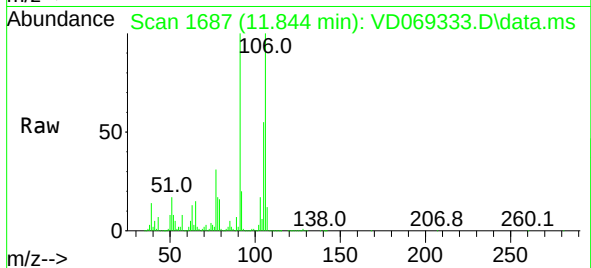




#68
m/p-Xylenes
Concen: 3435.02 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

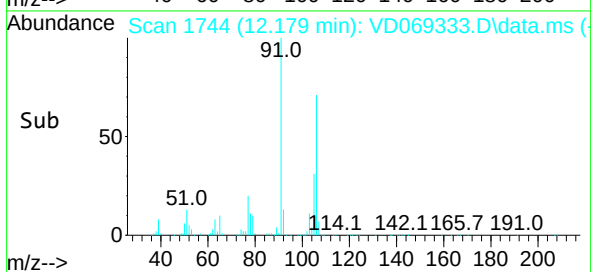
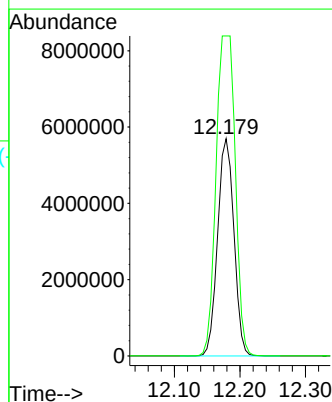
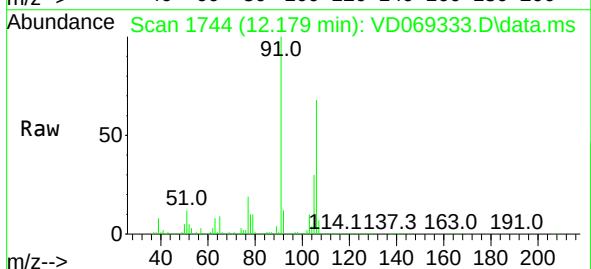
Instrument :
MSVOA_D
ClientSampleId :

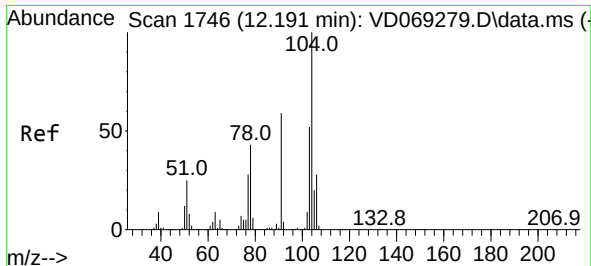
Tgt Ion:106 Resp:18439967
Ion Ratio Lower Upper
106 100
91 0.0 158.3 237.5#



#69
o-Xylene
Concen: 2062.22 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

Tgt Ion:106 Resp: 9791123
Ion Ratio Lower Upper
106 100
91 174.4 105.5 316.4

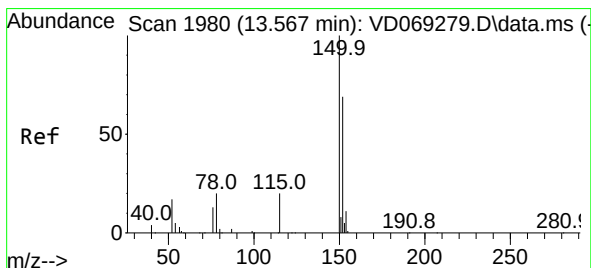
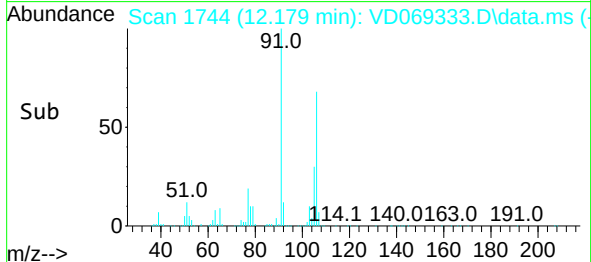
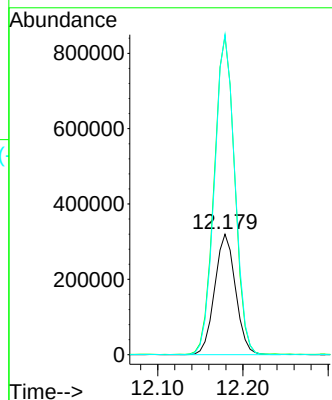
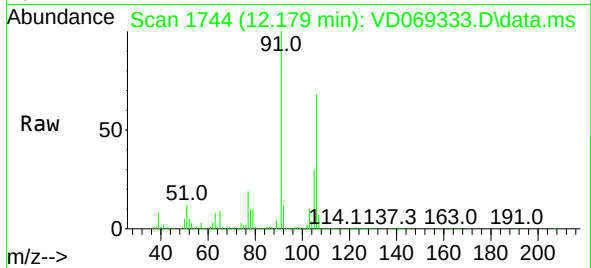




#70
Styrene
Concen: 65.89 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.012 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

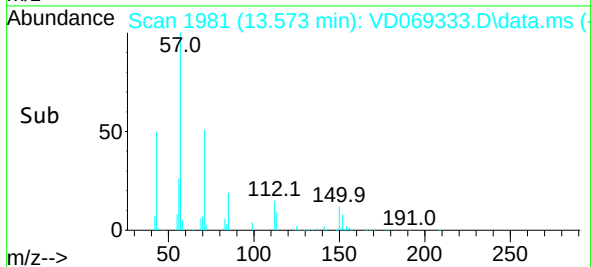
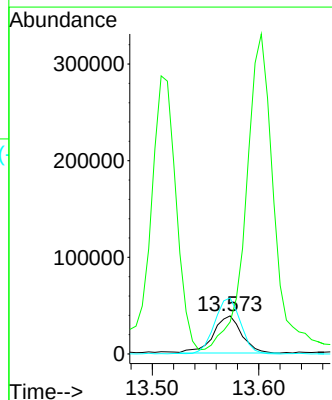
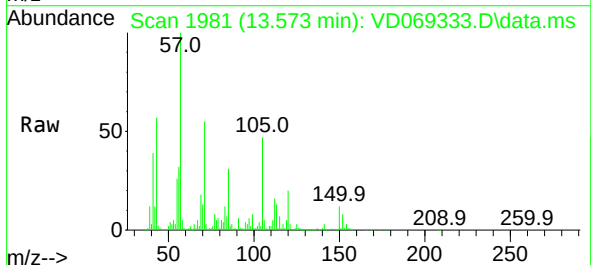
Instrument :
MSVOA_D
ClientSampleId :

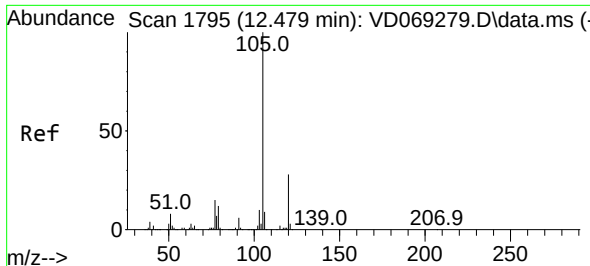
Tgt Ion:104 Resp: 543031
Ion Ratio Lower Upper
104 100
78 260.9 37.5 56.3#
103 259.4 44.3 66.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.006 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

Tgt Ion:152 Resp: 70525
Ion Ratio Lower Upper
152 100
115 0.0 29.4 88.3#
150 139.3 0.0 355.0

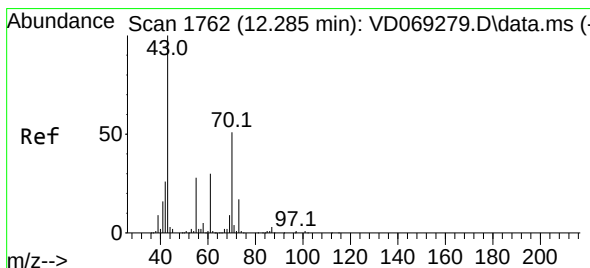
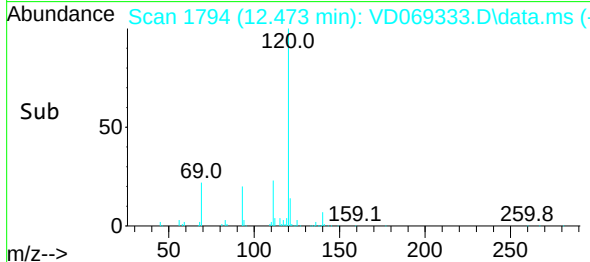
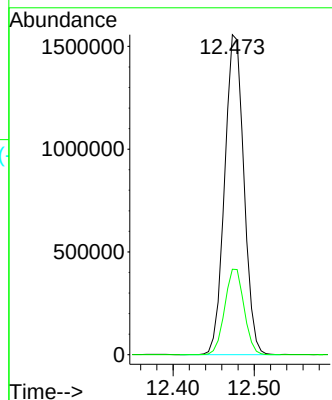
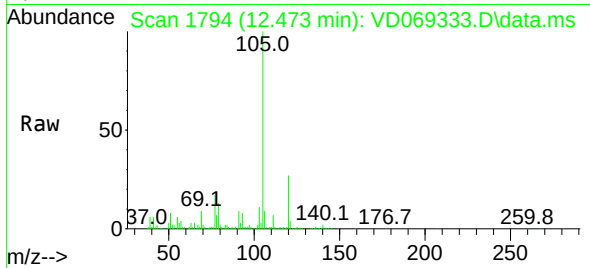




#73
Isopropylbenzene
Concen: 531.47 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

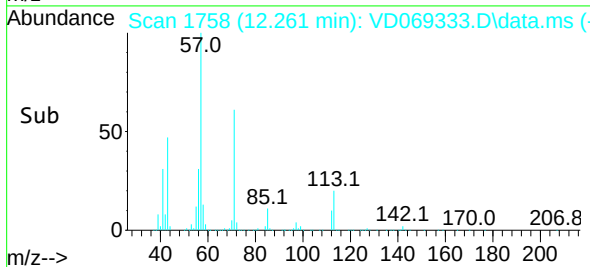
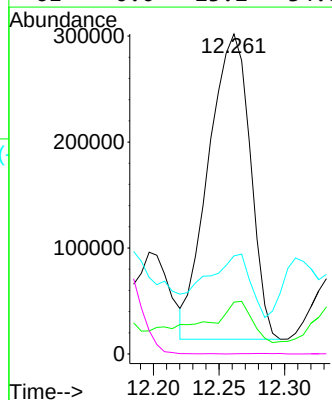
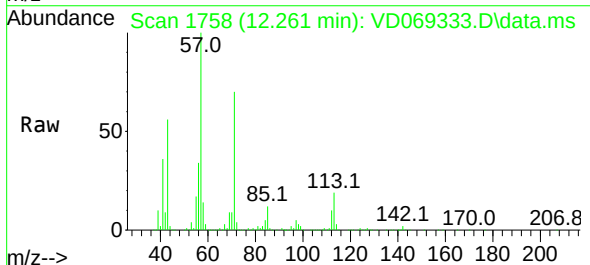
Instrument :
MSVOA_D
ClientSampleId :

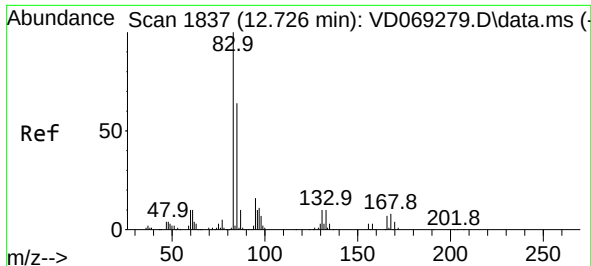
Tgt Ion:105 Resp: 2565176
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.5



#74
N-ethyl acetate
Concen: 748.86 ug/l
RT: 12.261 min Scan# 1758
Delta R.T. -0.023 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

Tgt Ion: 43 Resp: 638309
Ion Ratio Lower Upper
43 100
70 15.6 40.9 61.3#
55 21.9 23.4 35.0#
61 0.0 23.2 34.8#

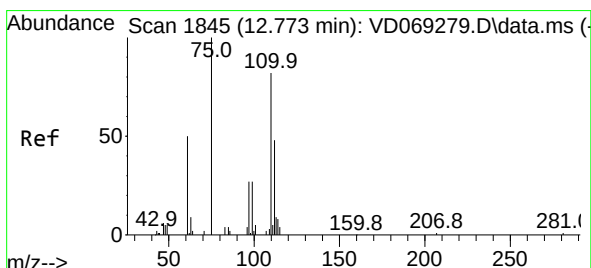
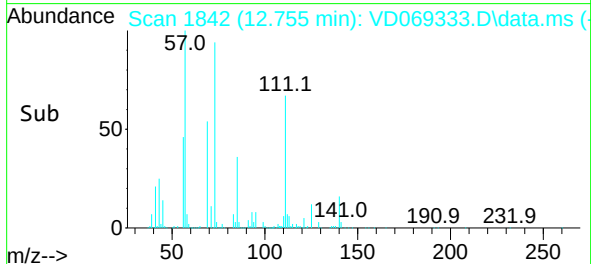
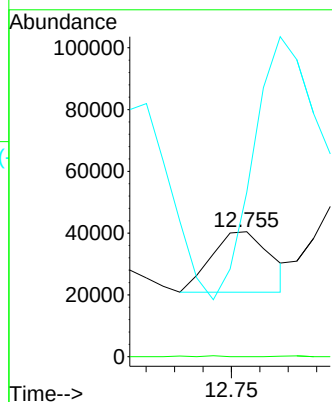
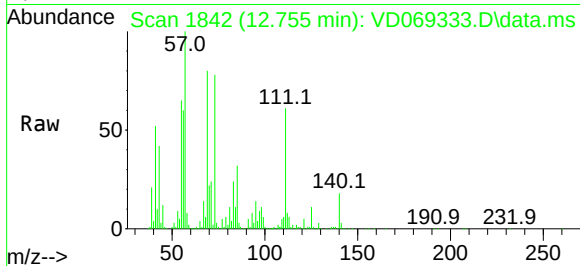




#75
1,1,2,2-Tetrachloroethane
Concen: 31.37 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.030 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

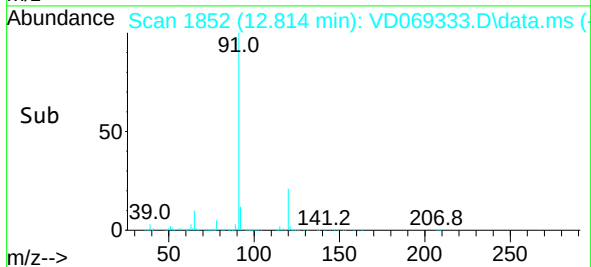
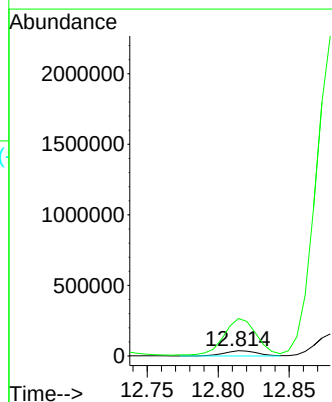
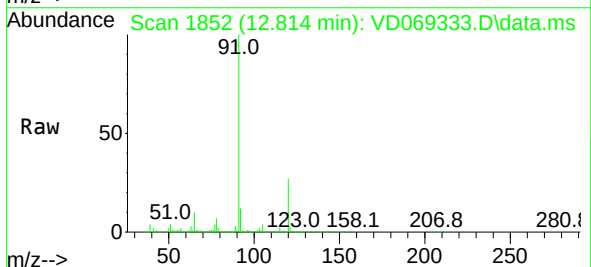
Instrument :
MSVOA_D
ClientSampled :

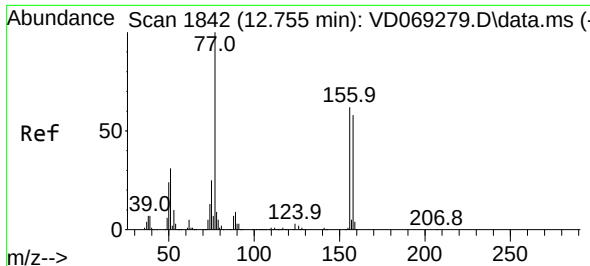
Tgt Ion: 83 Resp: 28269
Ion Ratio Lower Upper
83 100
131 0.5 5.3 16.1#
85 845.1 32.6 98.0#



#76
1,2,3-Trichloropropane
Concen: 96.14 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.041 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

Tgt Ion: 75 Resp: 58911
Ion Ratio Lower Upper
75 100
77 697.4 183.8 551.2#

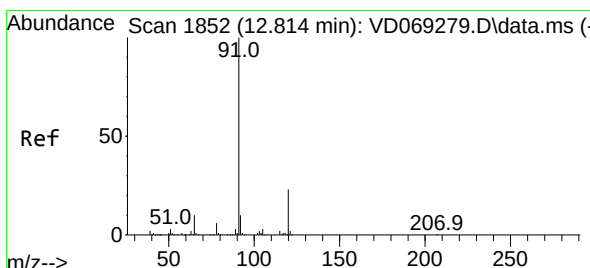
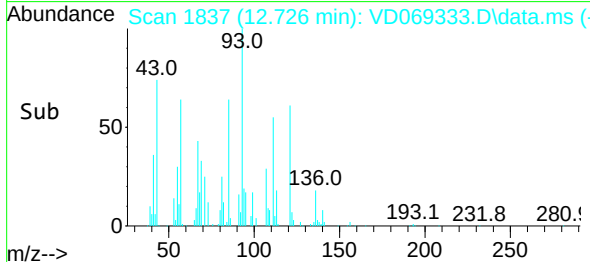
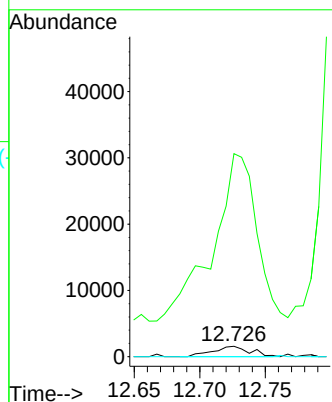
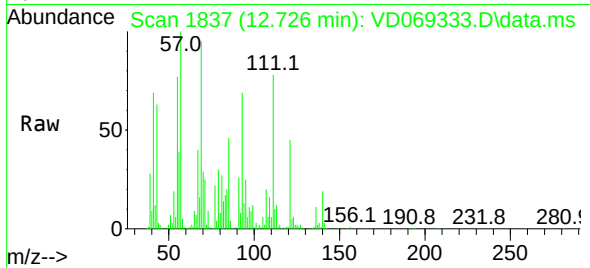




#77
Bromobenzene
Concen: 2.66 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. -0.029 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

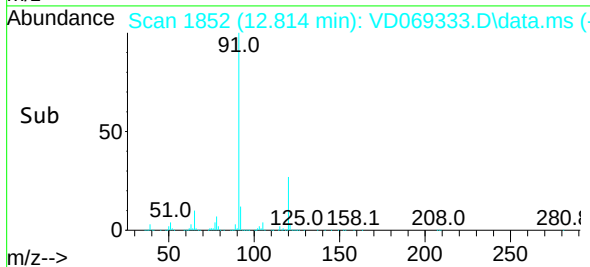
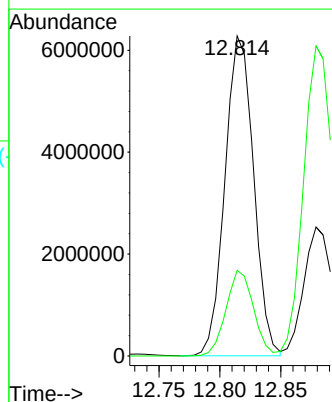
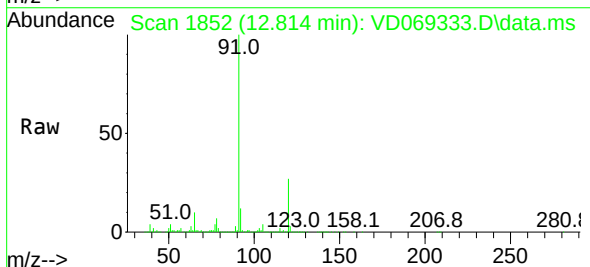
Instrument :
MSVOA_D
ClientSampleId :

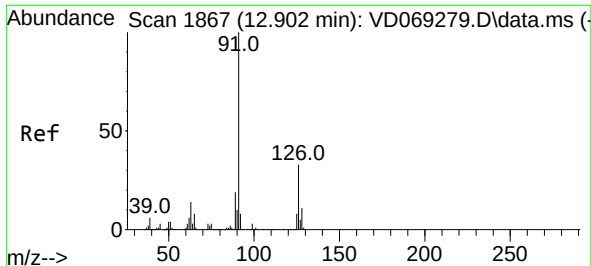
Tgt Ion:156 Resp: 3095
Ion Ratio Lower Upper
156 100
77 0.0 89.3 267.9#
158 0.0 48.0 144.2#



#78
n-propylbenzene
Concen: 1738.00 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

Tgt Ion: 91 Resp:10288145
Ion Ratio Lower Upper
91 100
120 25.6 11.6 34.8

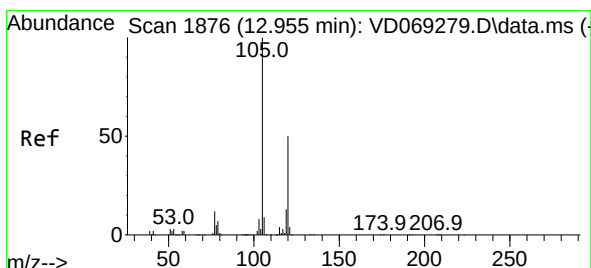
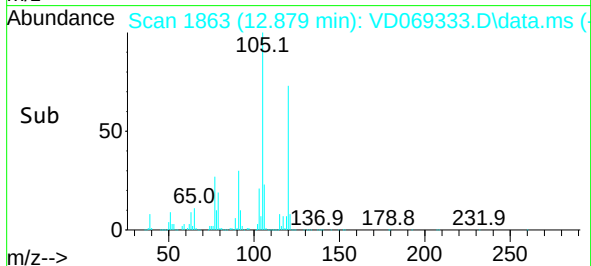
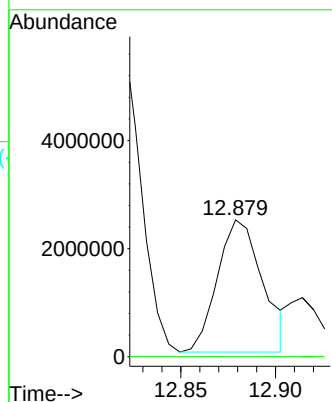
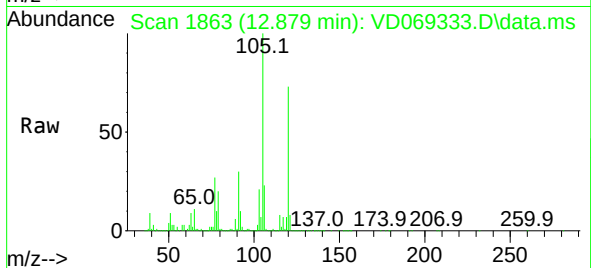




#79
2-Chlorotoluene
Concen: 1204.07 ug/l
RT: 12.879 min Scan# 1863
Delta R.T. -0.023 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

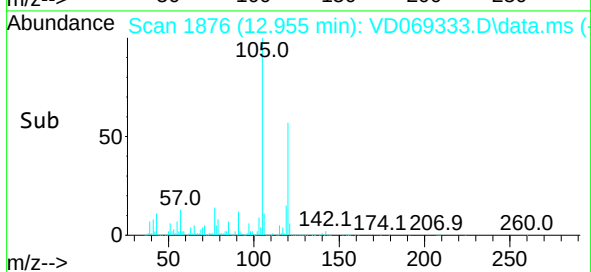
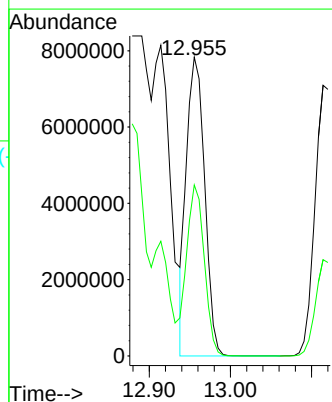
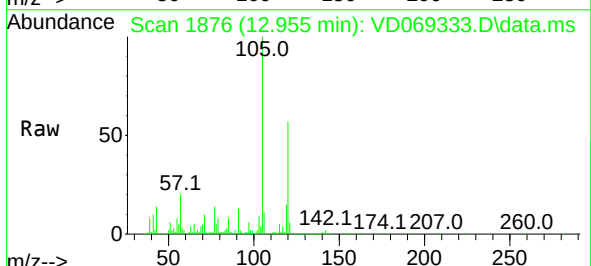
Instrument :
MSVOA_D
ClientSampleId :

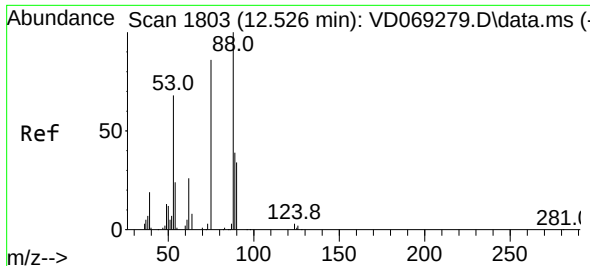
Tgt Ion: 91 Resp: 4051639
Ion Ratio Lower Upper
91 100
126 0.0 16.8 50.3#



#80
1,3,5-Trimethylbenzene
Concen: 2994.80 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

Tgt Ion: 105 Resp: 12241994
Ion Ratio Lower Upper
105 100
120 57.2 24.9 74.7

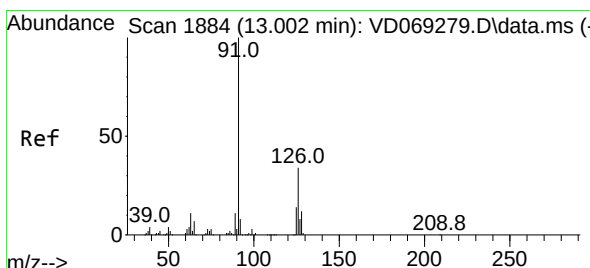
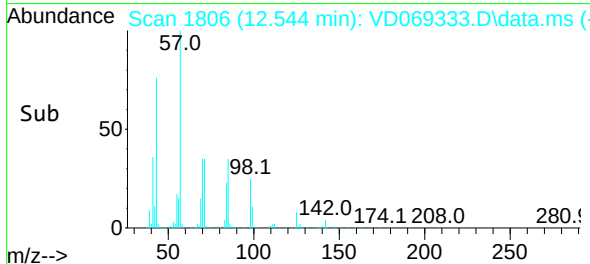
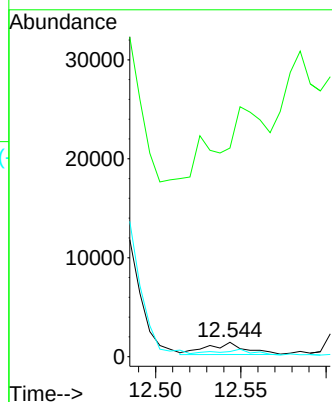
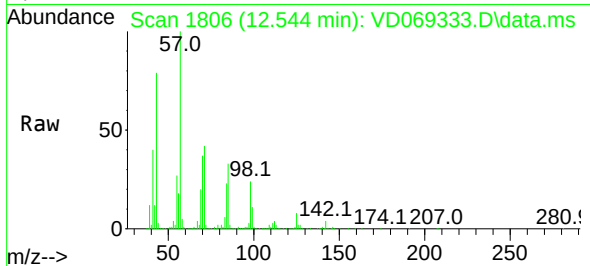




#81
trans-1,4-Dichloro-2-butene
Concen: 7.04 ug/l
RT: 12.544 min Scan# 1806
Delta R.T. 0.018 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

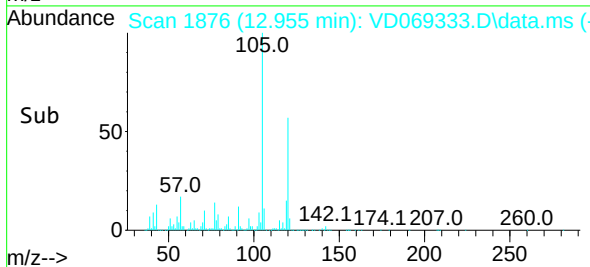
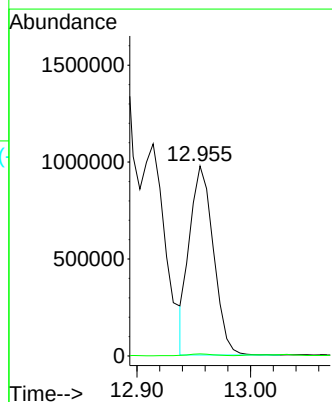
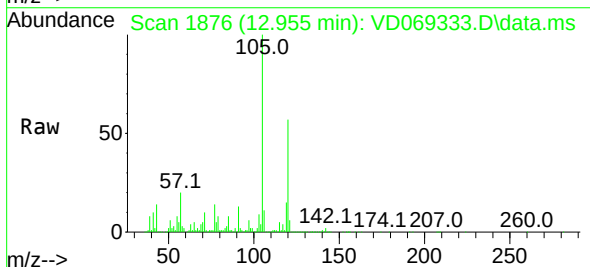
Instrument :
MSVOA_D
ClientSampleId :

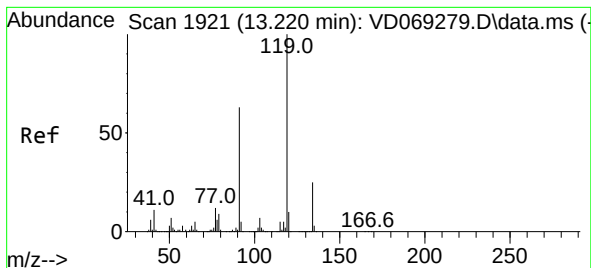
Tgt Ion: 75 Resp: 1946
Ion Ratio Lower Upper
75 100
53 1905.0 62.6 94.0#
89 0.0 35.6 53.4#



#82
4-Chlorotoluene
Concen: 401.86 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.047 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

Tgt Ion: 91 Resp: 1422614
Ion Ratio Lower Upper
91 100
126 1.2 17.4 52.2#

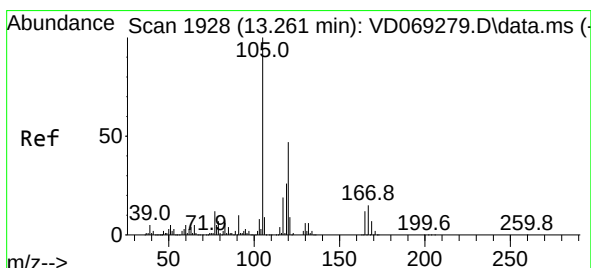
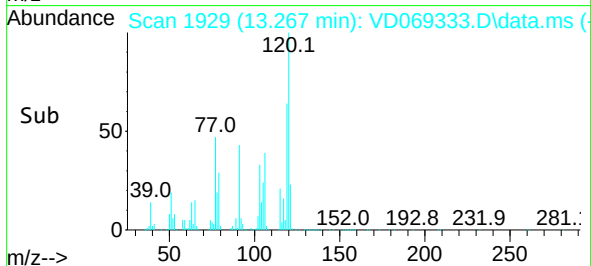
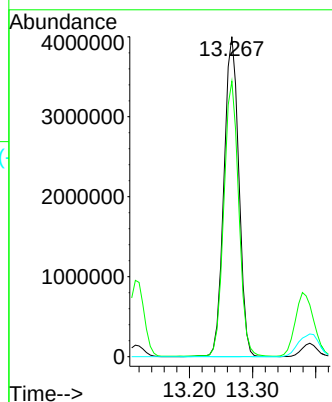
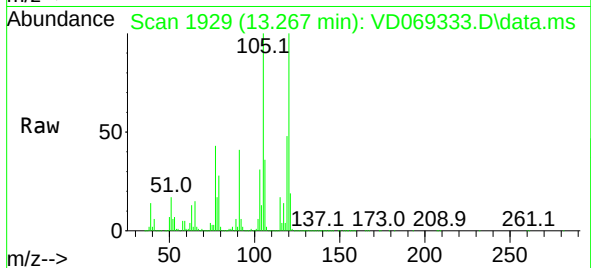




#83
tert-Butylbenzene
Concen: 1910.44 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.047 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

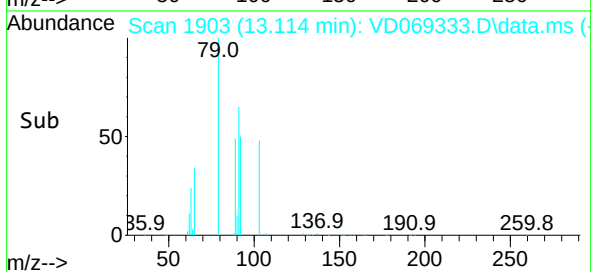
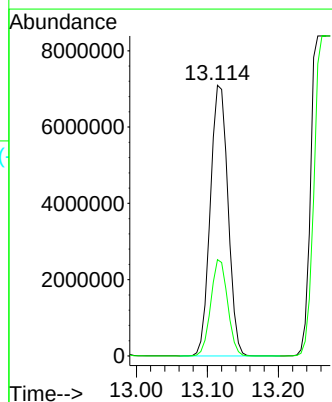
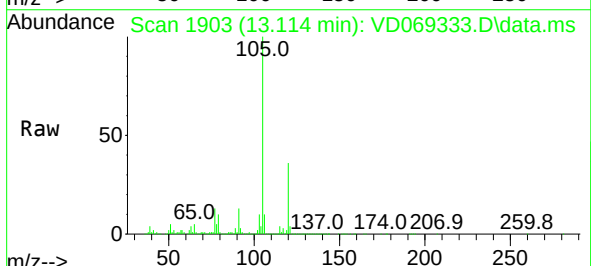
Instrument :
MSVOA_D
ClientSampleId :

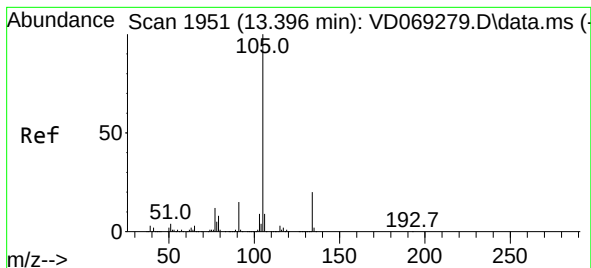
Tgt Ion:119 Resp: 6540093
Ion Ratio Lower Upper
119 100
91 85.9 31.7 95.1
134 0.0 13.4 40.1#



#84
1,2,4-Trimethylbenzene
Concen: 3024.43 ug/l
RT: 13.114 min Scan# 1903
Delta R.T. -0.147 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

Tgt Ion:105 Resp:12295431
Ion Ratio Lower Upper
105 100
120 33.7 22.6 67.8

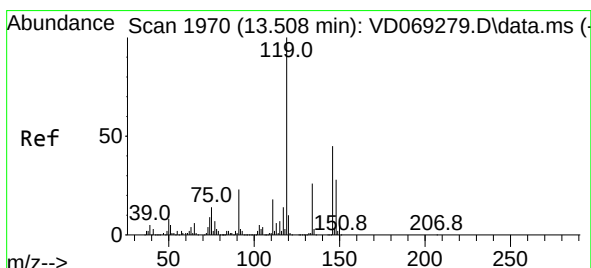
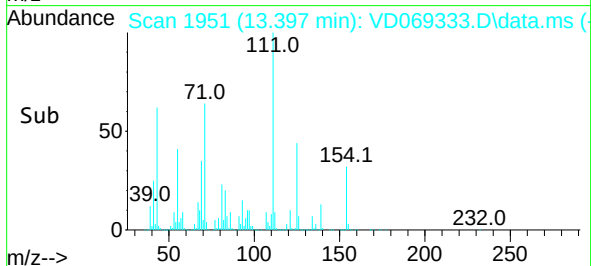
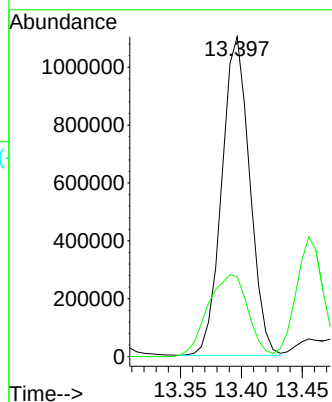
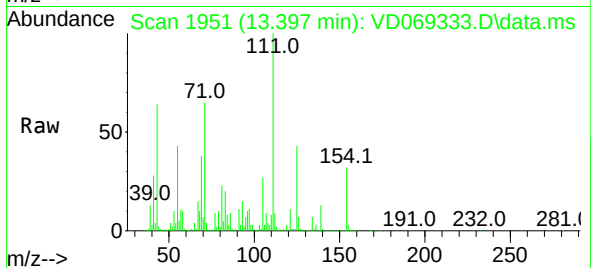




#85
 sec-Butylbenzene
 Concen: 347.32 ug/l
 RT: 13.397 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VD069333.D
 Acq: 03 Jun 2021 19:03

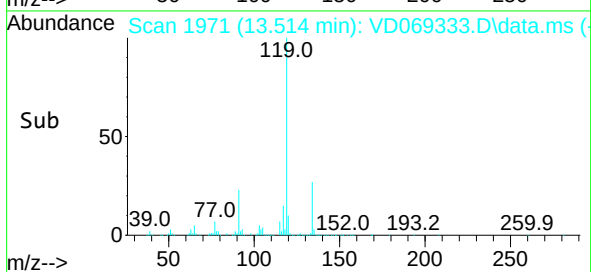
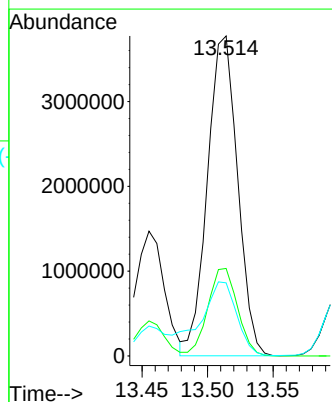
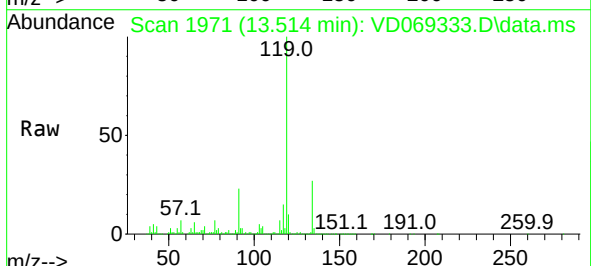
Instrument :
 MSVOA_D
 ClientSampled :

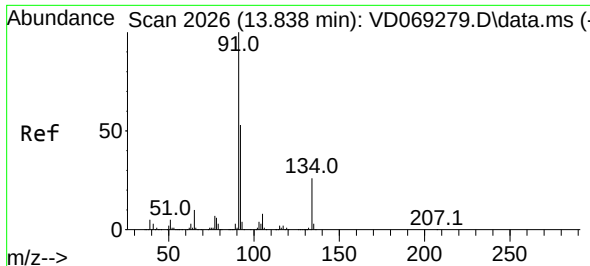
Tgt Ion:105 Resp: 1754949
 Ion Ratio Lower Upper
 105 100
 134 37.0 10.1 30.3#



#86
 p-Isopropyltoluene
 Concen: 1365.39 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.006 min
 Lab File: VD069333.D
 Acq: 03 Jun 2021 19:03

Tgt Ion:119 Resp: 6032369
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.0 39.0
 91 27.8 11.3 33.8

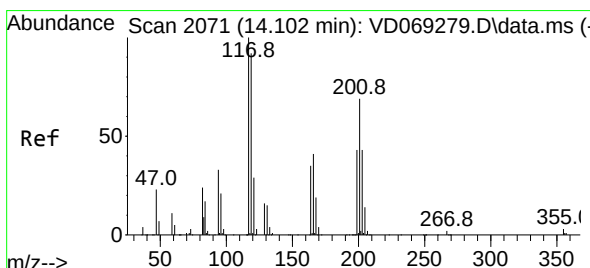
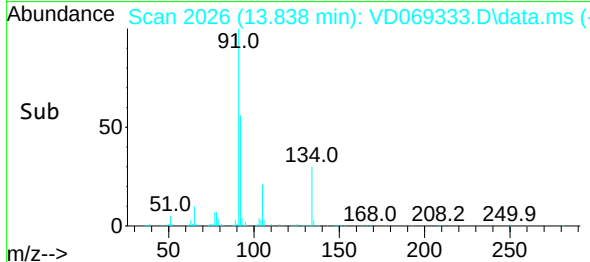
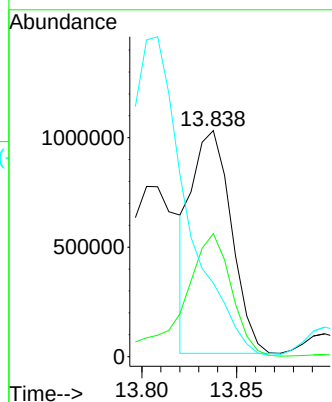
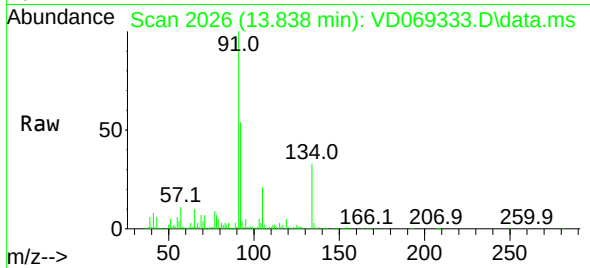




#89
n-Butylbenzene
Concen: 358.16 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

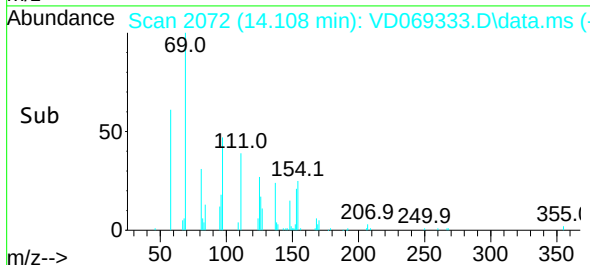
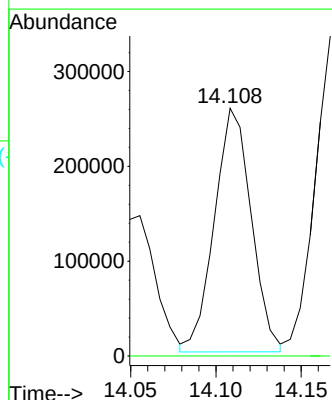
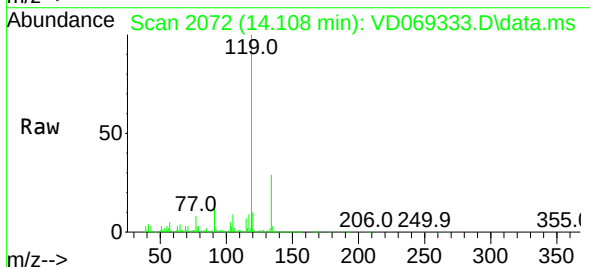
Instrument :
MSVOA_D
ClientSampleId :

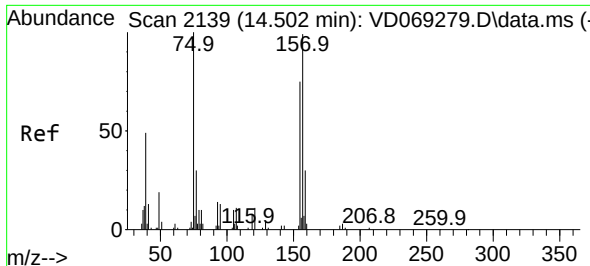
Tgt Ion: 91 Resp: 1480488
Ion Ratio Lower Upper
91 100
92 65.6 26.4 79.2
134 0.0 13.0 38.9#



#90
Hexachloroethane
Concen: 460.00 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.006 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

Tgt Ion: 117 Resp: 386065
Ion Ratio Lower Upper
117 100
201 0.0 36.0 108.1#

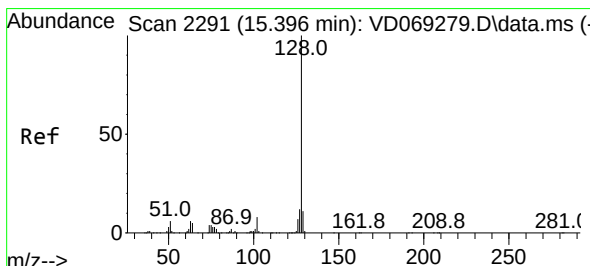
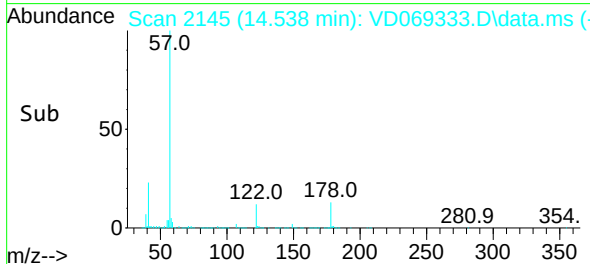
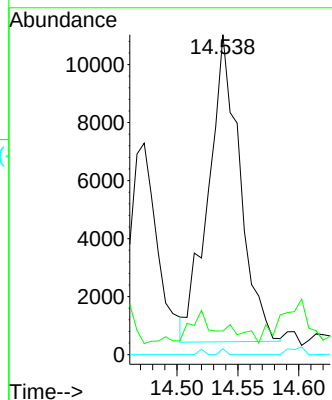
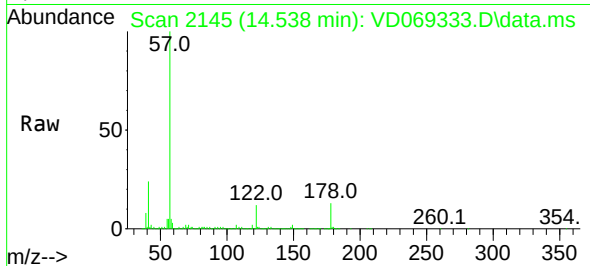




#92
1,2-Dibromo-3-Chloropropane
Concen: 132.25 ug/l
RT: 14.538 min Scan# 2145
Delta R.T. 0.035 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

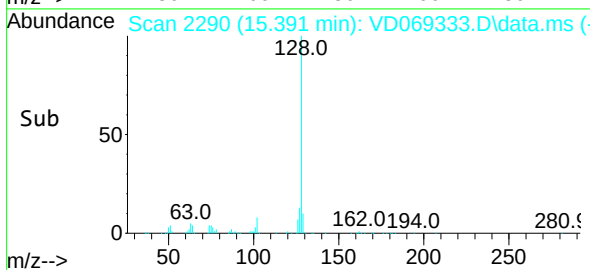
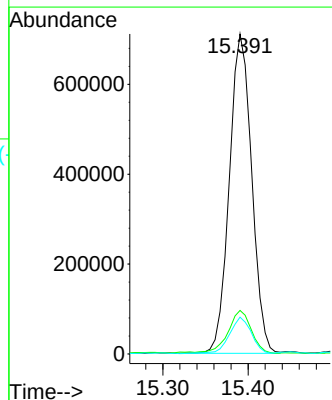
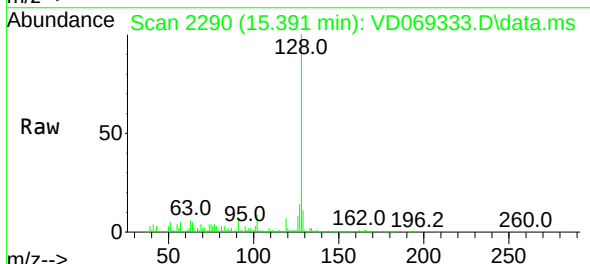
Instrument :
MSVOA_D
ClientSampled :

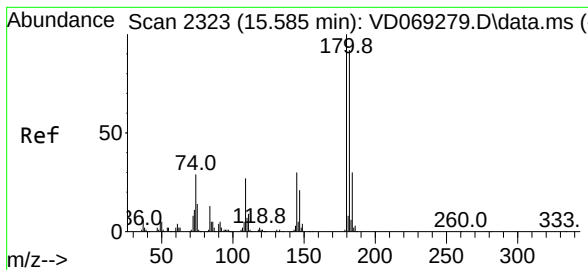
Tgt Ion: 75 Resp: 18982
Ion Ratio Lower Upper
75 100
155 0.0 42.1 126.4#
157 0.4 54.4 163.3#



#95
Naphthalene
Concen: 506.83 ug/l
RT: 15.391 min Scan# 2290
Delta R.T. -0.005 min
Lab File: VD069333.D
Acq: 03 Jun 2021 19:03

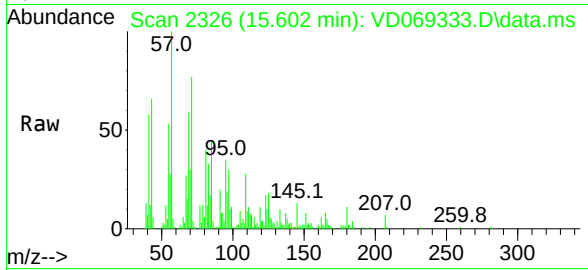
Tgt Ion:128 Resp: 1297504
Ion Ratio Lower Upper
128 100
127 14.2 10.4 15.6
129 11.3 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 5.70 ug/l
 RT: 15.602 min Scan# 2326
 Delta R.T. 0.018 min
 Lab File: VD069333.D
 Acq: 03 Jun 2021 19:03

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.0	141.0#
145	0.0	15.9	47.7#

