

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021121\
 Data File : VW018084.D
 Acq On : 11 Feb 2021 14:49
 Operator : SY/VA
 Sample : M1370-06
 Misc : 4.24G/10ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGY2

Quant Time: Feb 12 02:41:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 12 02:37:00 2021
 Response via : Initial Calibration

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

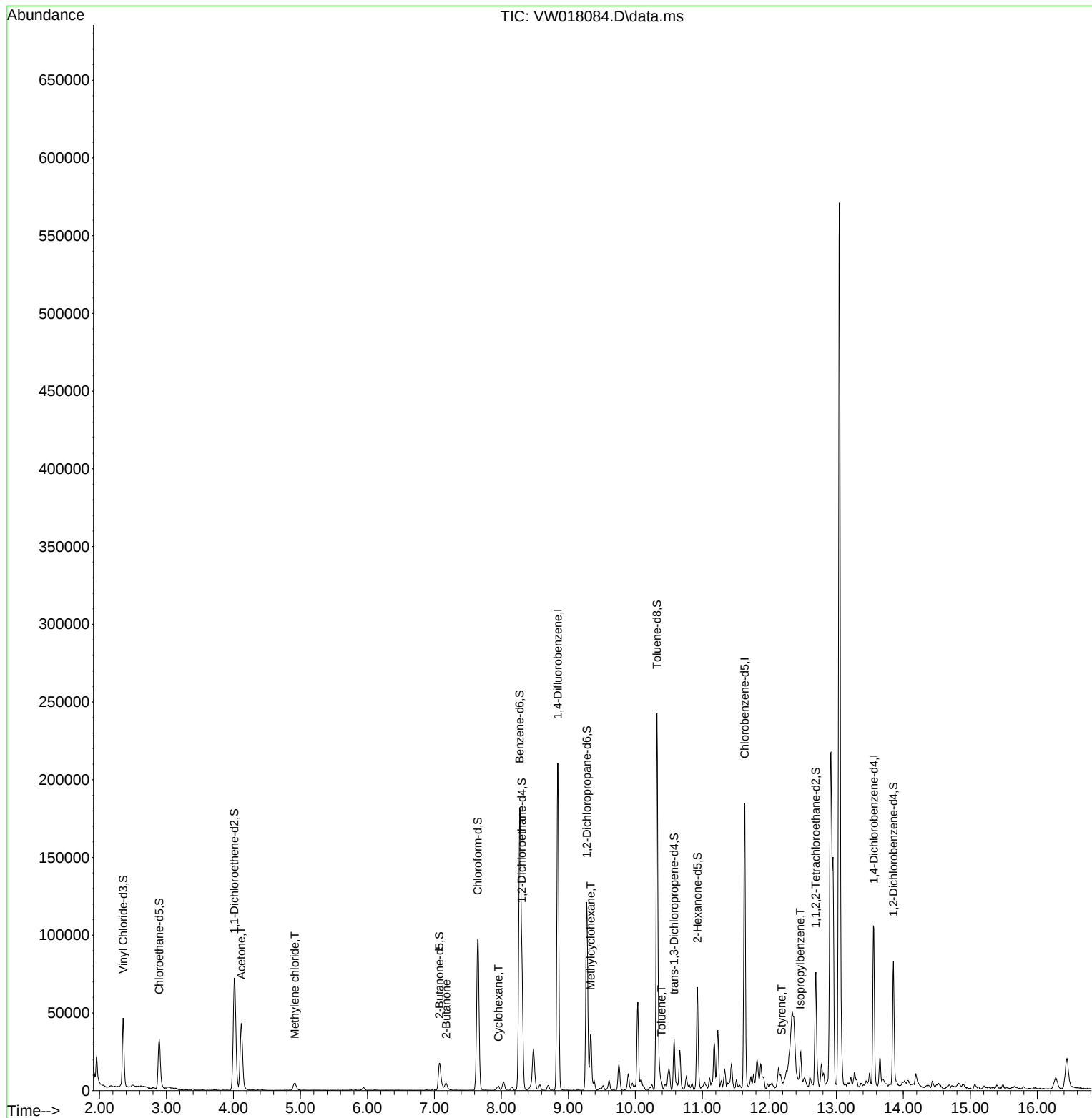
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	186307	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	110507	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	30686	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	47850	20.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.68%		
7) Chloroethane-d5	2.891	69	42505	23.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.52%		
10) 1,1-Dichloroethene-d2	4.013	63	72125	15.58	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	62.32%		
20) 2-Butanone-d5	7.074	46	29977	48.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	97.02%		
24) Chloroform-d	7.647	84	105305	21.54	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	86.16%		
26) 1,2-Dichloroethane-d4	8.305	65	56711	21.78	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.12%		
29) Benzene-d6	8.275	84	196889	32.45	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	129.80%		
33) 1,2-Dichloropropane-d6	9.274	67	57822	34.07	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	136.28%#		
37) Toluene-d8	10.323	98	144153	24.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	99.88%		
38) trans-1,3-Dichloroprop...	10.579	79	18509	24.06	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	96.24%		
39) 2-Hexanone-d5	10.927	63	21628	66.66	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	133.32%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	33536	22.50	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	90.00%		
61) 1,2-Dichlorobenzene-d4	13.853	152	21350	19.50	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	78.00%		
Target Compounds					Qvalue	
13) Acetone	4.117	43	71150	155.64	ug/L	99
16) Methylene chloride	4.915	84	4132	1.38	ug/L	89
21) 2-Butanone	7.177	43	7748	11.13	ug/L #	69
30) Cyclohexane	7.958	56	1369	0.54	ug/L #	86
36) Methylcyclohexane	9.335	83	13761	4.50	ug/L	96
44) Toluene	10.390	91	4159	0.59	ug/L	95
56) Styrene	12.182	104	1339	0.27	ug/L	90
57) Isopropylbenzene	12.463	105	6679	0.82	ug/L #	79

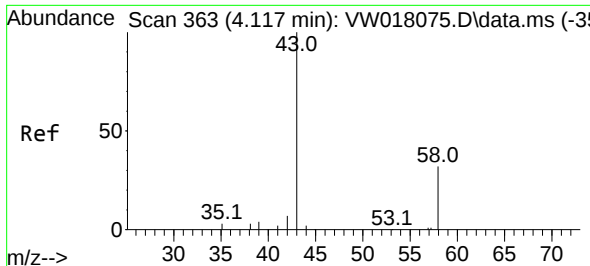
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Feb 12 02:37:00 2021
Response via : Initial Calibration

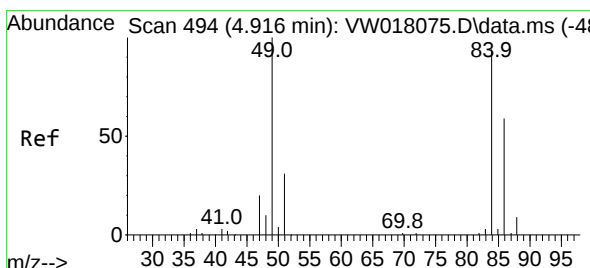
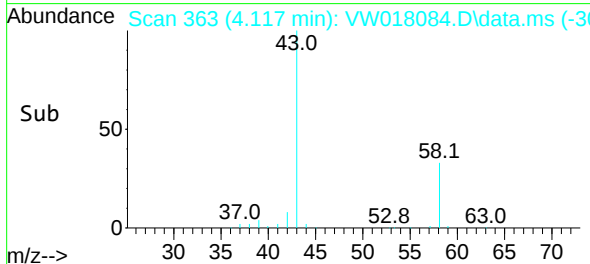
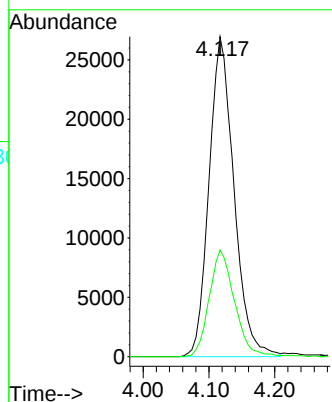
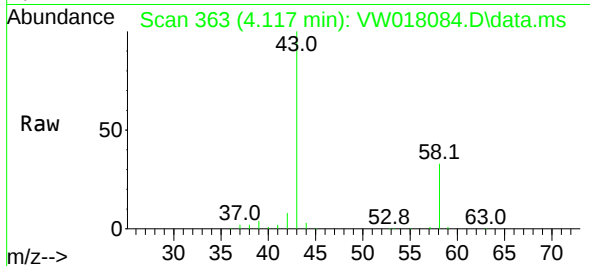




#13
Acetone
Concen: 155.64 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW018084.D
Acq: 11 Feb 2021 14:49

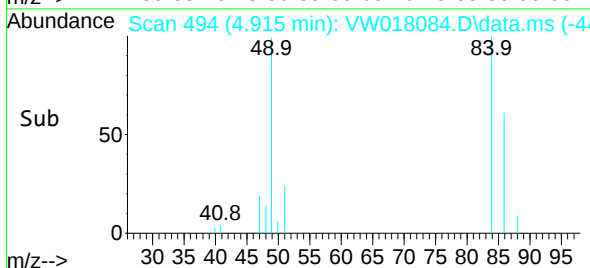
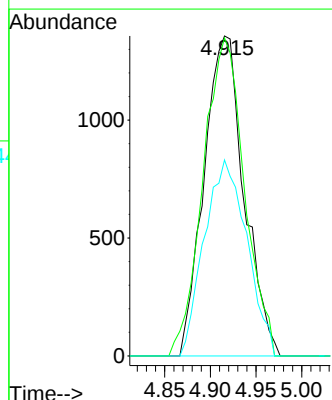
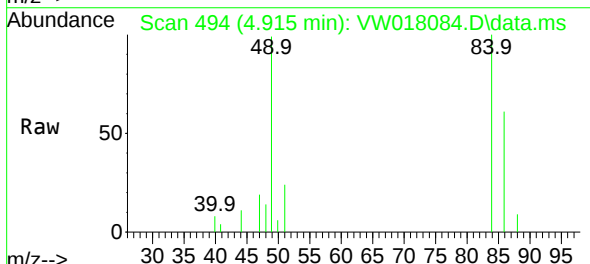
Instrument :
MSVOA_W
ClientSampled :
DBGY2

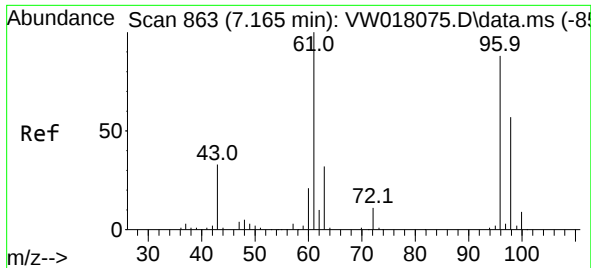
Tgt Ion: 43 Resp: 71150
Ion Ratio Lower Upper
43 100
58 33.5 0.0 68.4



#16
Methylene chloride
Concen: 1.38 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018084.D
Acq: 11 Feb 2021 14:49

Tgt Ion: 84 Resp: 4132
Ion Ratio Lower Upper
84 100
49 99.4 81.2 150.8
86 61.2 44.5 82.7

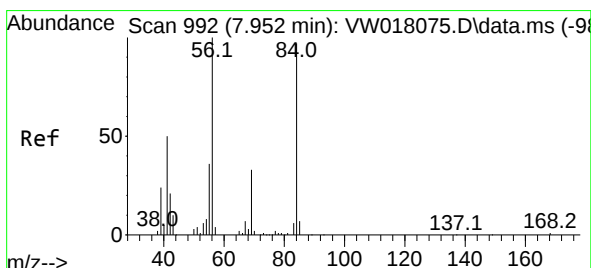
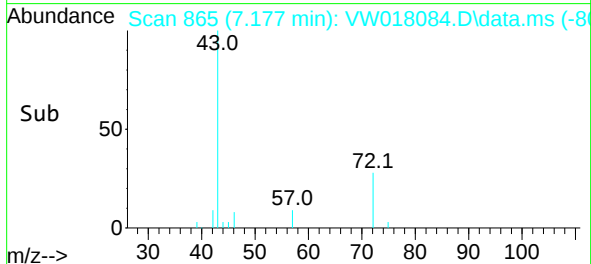
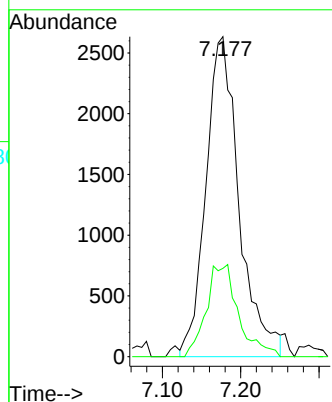
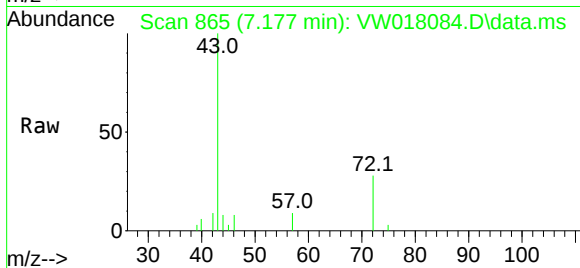




#21
2-Butanone
Concen: 11.13 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW018084.D
Acq: 11 Feb 2021 14:49

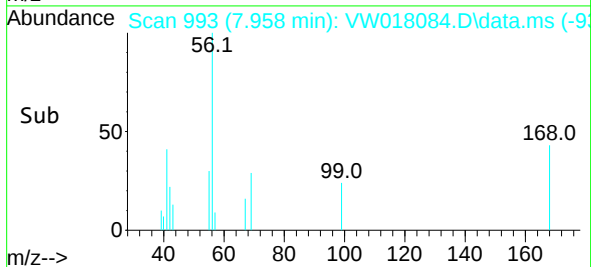
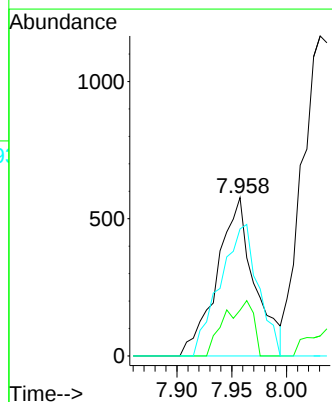
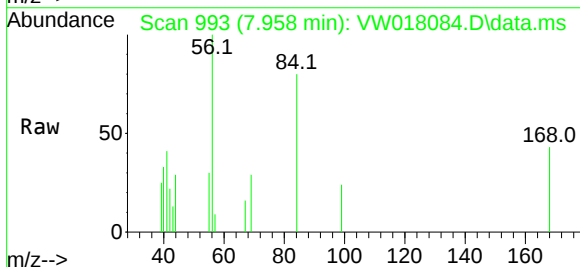
Instrument :
MSVOA_W
ClientSampled :
DBGY2

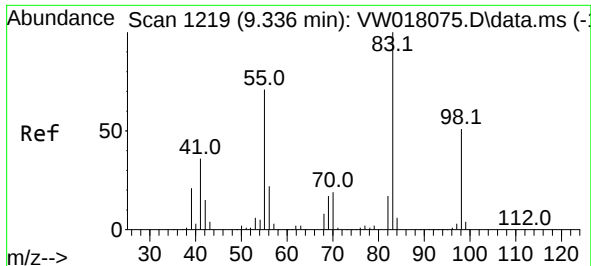
Tgt Ion: 43 Resp: 7748
Ion Ratio Lower Upper
43 100
72 12.2 14.4 43.2#



#30
Cyclohexane
Concen: 0.54 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW018084.D
Acq: 11 Feb 2021 14:49

Tgt Ion: 56 Resp: 1369
Ion Ratio Lower Upper
56 100
69 14.0 24.8 37.2#
84 84.3 74.2 111.4

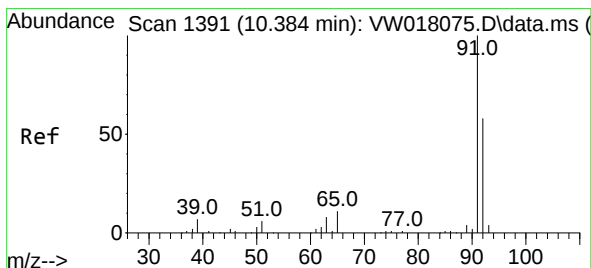
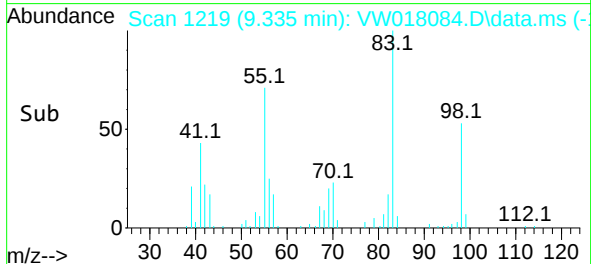
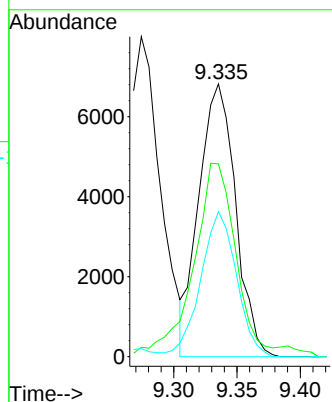
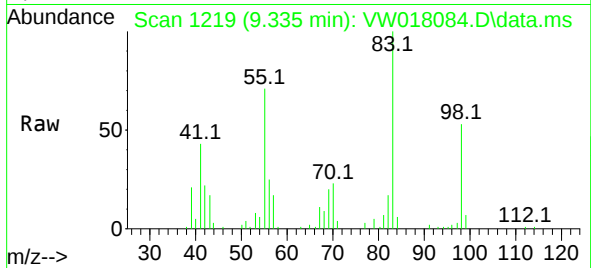




#36
Methylcyclohexane
Concen: 4.50 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018084.D
Acq: 11 Feb 2021 14:49

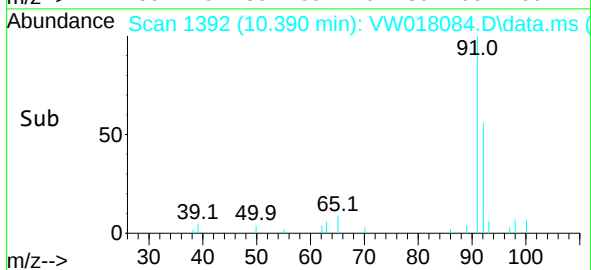
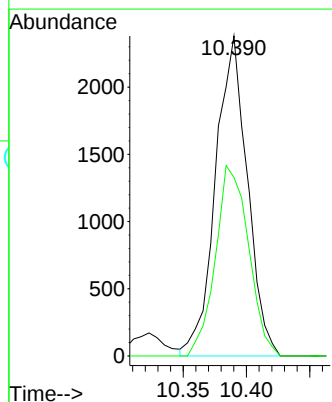
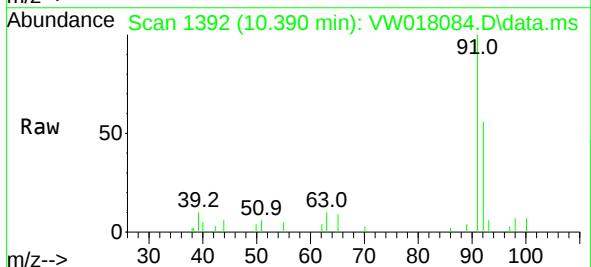
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MSVOA_W
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DBGY2

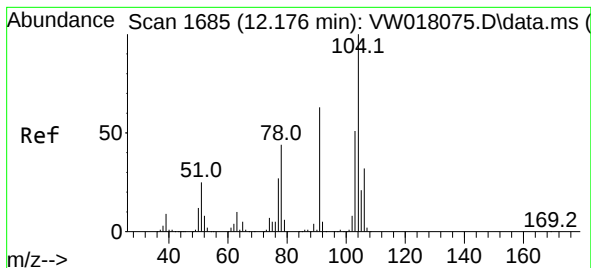
Tgt Ion: 83 Resp: 13761
Ion Ratio Lower Upper
83 100
55 78.8 59.4 89.0
98 51.7 40.7 61.1



#44
Toluene
Concen: 0.59 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018084.D
Acq: 11 Feb 2021 14:49

Tgt Ion: 91 Resp: 4159
Ion Ratio Lower Upper
91 100
92 55.8 41.6 77.3

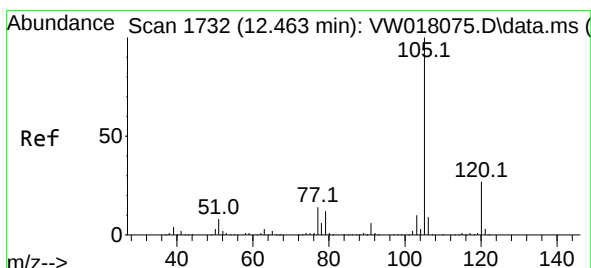
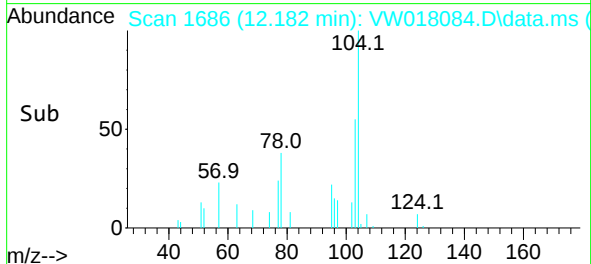
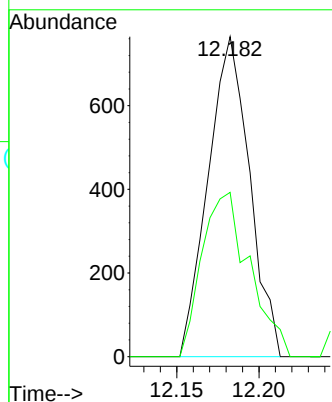
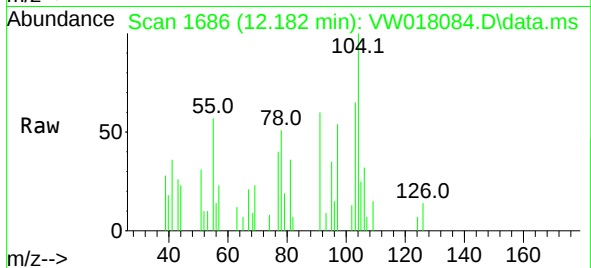




#56
Styrene
Concen: 0.27 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW018084.D
Acq: 11 Feb 2021 14:49

Instrument :
MSVOA_W
ClientSampled :
DBGY2

Tgt Ion:104 Resp: 1339
Ion Ratio Lower Upper
104 100
78 51.4 31.3 58.1



#57
Isopropylbenzene
Concen: 0.82 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018084.D
Acq: 11 Feb 2021 14:49

Tgt Ion:105 Resp: 6679
Ion Ratio Lower Upper
105 100
120 24.9 21.4 32.2
77 36.2 12.1 18.1#

