

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021121\
 Data File : VW018091.D
 Acq On : 11 Feb 2021 17:37
 Operator : SY/VA
 Sample : M1371-05MS
 Misc : 6.11G/10ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBH16MS

Manual Integrations
 APPROVED

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 2/15/2021 7:08:20 AM

Quant Time: Feb 12 02:43:13 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	265584	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	243087	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	117522	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	58135	17.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	70.44%		
7) Chloroethane-d5	2.892	69	51176	19.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.16%		
10) 1,1-Dichloroethene-d2	4.019	63	132764	20.12	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	80.48%		
20) 2-Butanone-d5	7.080	46	33701	38.26	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	76.52%		
24) Chloroform-d	7.647	84	143059	20.53	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	82.12%		
26) 1,2-Dichloroethane-d4	8.305	65	76383	20.58	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	82.32%		
29) Benzene-d6	8.275	84	279367	20.93	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	83.72%		
33) 1,2-Dichloropropane-d6	9.275	67	80474	21.56	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	86.24%		
37) Toluene-d8	10.323	98	254340	20.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	80.12%		
38) trans-1,3-Dichloroprop...	10.579	79	32636	19.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	77.16%		
39) 2-Hexanone-d5	10.921	63	29183	40.89	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	81.78%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	69703	21.26	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	85.04%		
61) 1,2-Dichlorobenzene-d4	13.853	152	95508	22.78	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.12%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.044	96	76061	21.43	ug/L	85
13) Acetone	4.123	43	1230m	1.89	ug/L	
16) Methylene chloride	4.916	84	4604	1.08	ug/L	85
34) Benzene	8.324	78	320678	22.57	ug/L	100
35) Trichloroethene	9.092	95	88500	22.10	ug/L	99
44) Toluene	10.390	91	355591	22.74	ug/L	99
52) Chlorobenzene	11.658	112	225605	21.90	ug/L	98

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

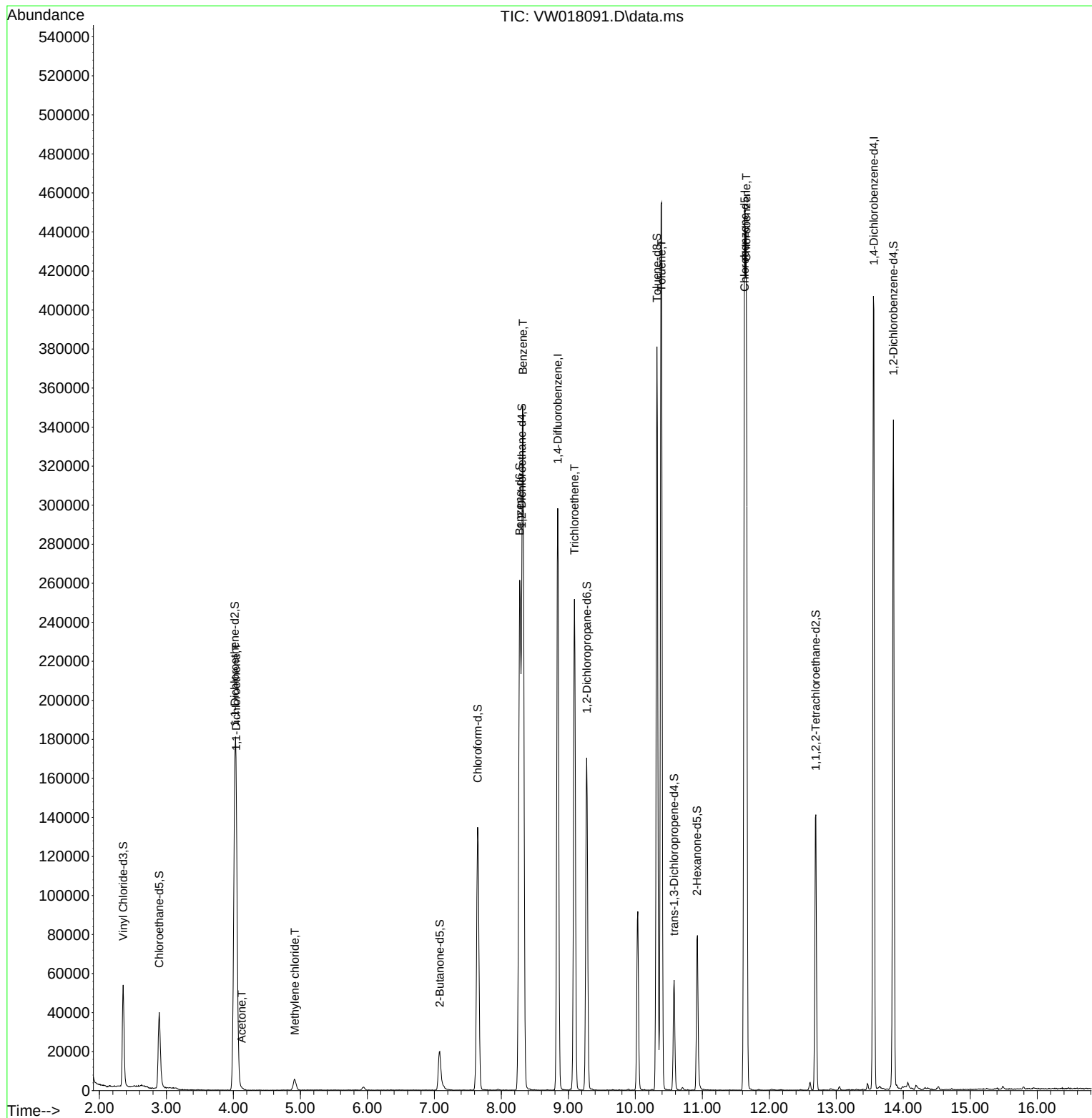
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021121\
Data File : VW018091.D
Acq On : 11 Feb 2021 17:37
Operator : SY/VA
Sample : M1371-05MS
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ALS Vial : 17 Sample Multiplier: 1

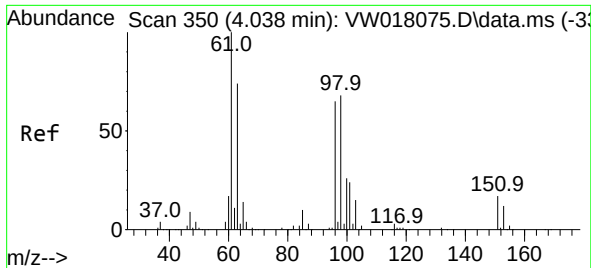
Instrument :
MSVOA_W
ClientSampleId :
DBH16MS

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Quant Time: Feb 12 02:43:13 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





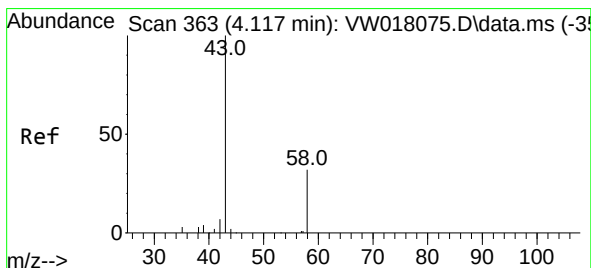
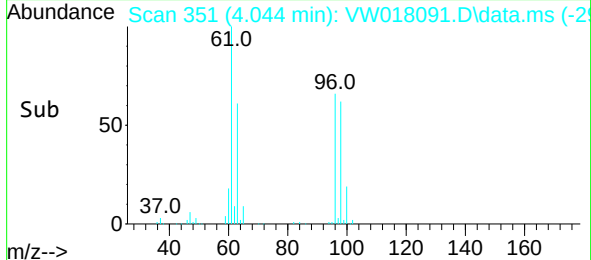
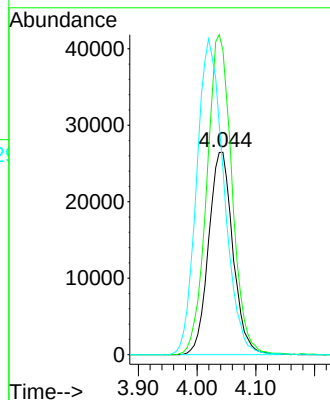
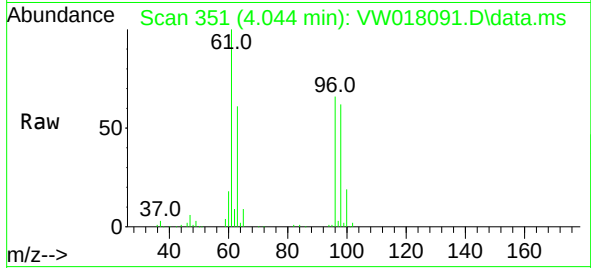
#12
1,1-Dichloroethene
Concen: 21.43 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW018091.D
Acq: 11 Feb 2021 17:37

Tgt Ion:	96	Resp:	76061
Ion	Ratio	Lower	Upper
96	100		
61	150.6	112.5	208.9
63	92.2	83.1	154.3

Instrument :
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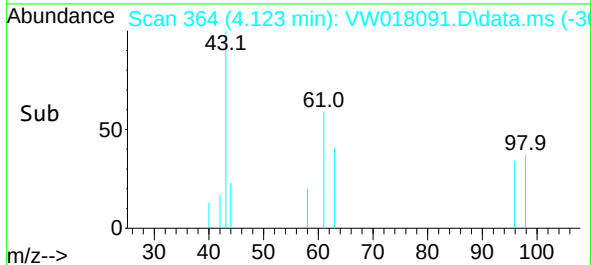
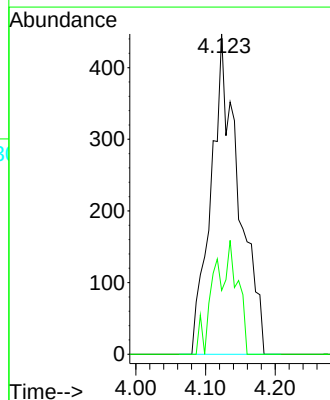
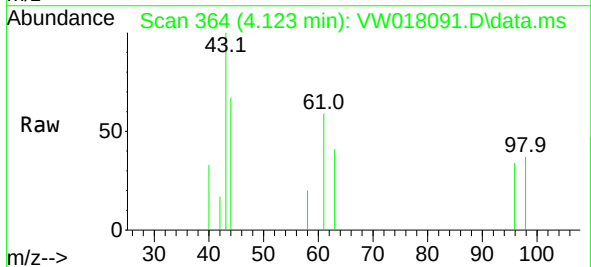
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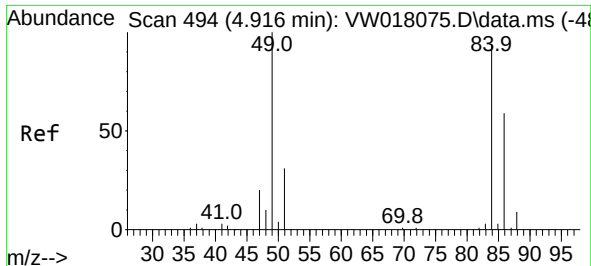
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#13
Acetone
Concen: 1.89 ug/L m
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018091.D
Acq: 11 Feb 2021 17:37

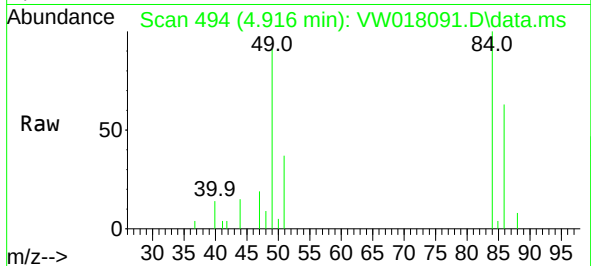
Tgt Ion:	43	Resp:	1230
Ion	Ratio	Lower	Upper
43	100		
58	12.0	0.0	68.4





#16
Methylene chloride
Concen: 1.08 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018091.D
Acq: 11 Feb 2021 17:37

Instrument :
MSVOA_W
ClientSampled :
DBH16MS

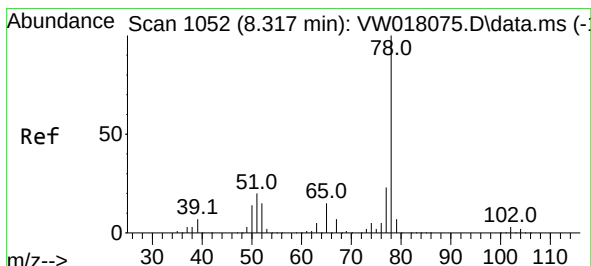
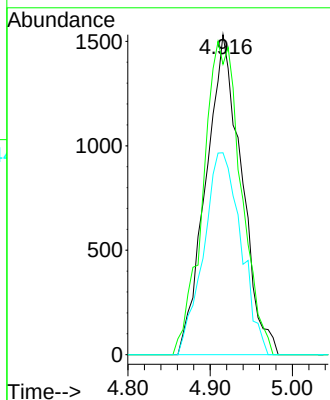
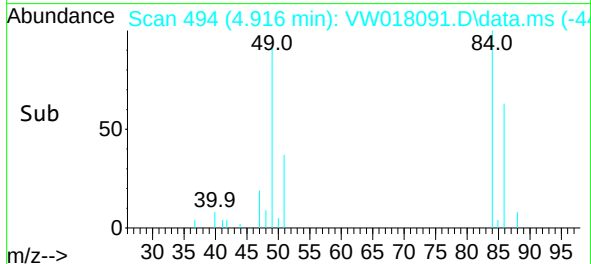


Tgt Ion: 84 Resp: 4604

Ion	Ratio	Lower	Upper
84	100		
49	90.7	81.2	150.8
86	63.1	44.5	82.7

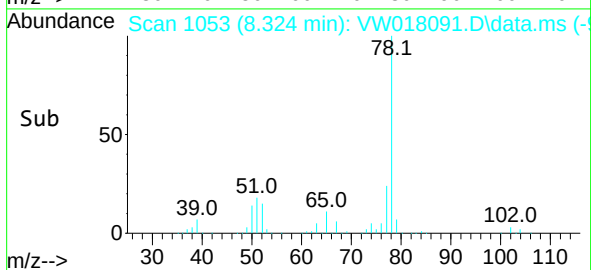
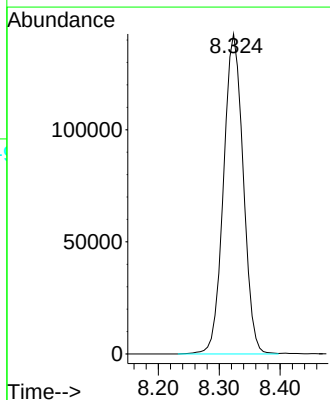
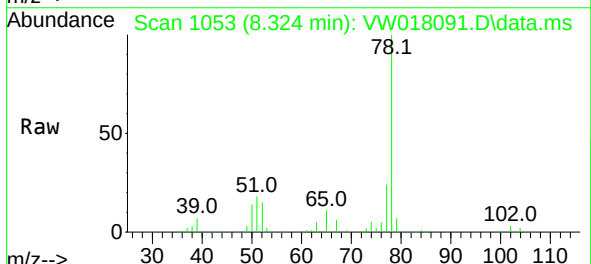
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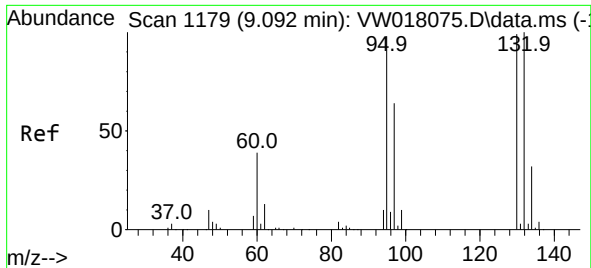
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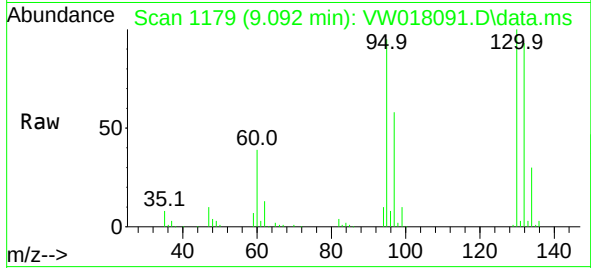
#34
Benzene
Concen: 22.57 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW018091.D
Acq: 11 Feb 2021 17:37

Tgt Ion: 78 Resp: 320678

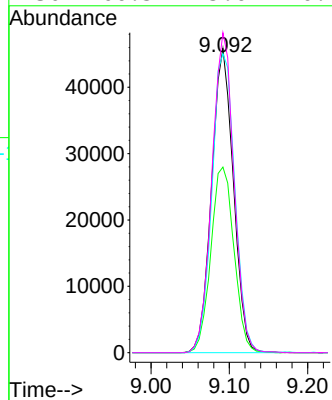
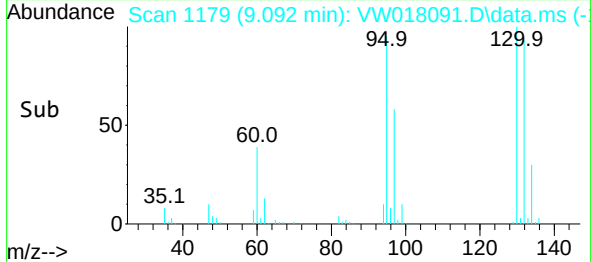




#35
Trichloroethene
Concen: 22.10 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018091.D
Acq: 11 Feb 2021 17:37



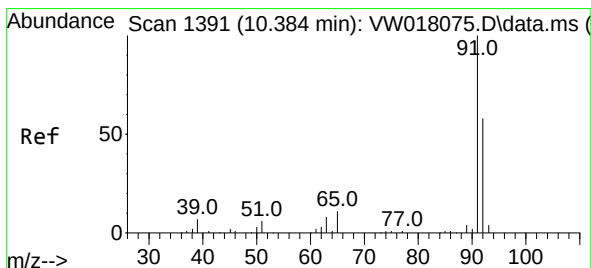
Tgt Ion: 95 Resp: 88500
Ion Ratio Lower Upper
95 100
97 64.9 45.0 83.6
132 103.3 71.0 131.8
130 106.5 75.6 140.4



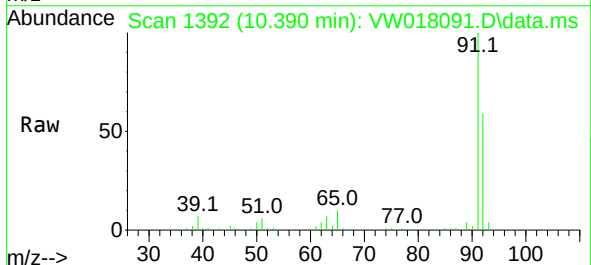
Instrument :
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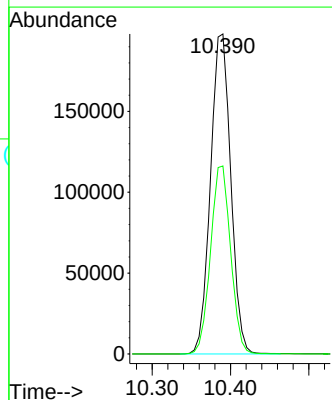
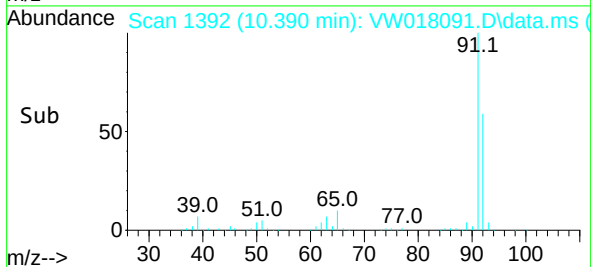
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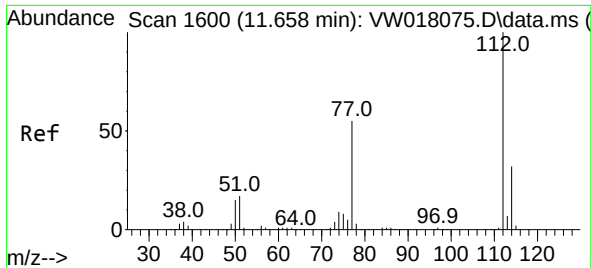


#44
Toluene
Concen: 22.74 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018091.D
Acq: 11 Feb 2021 17:37

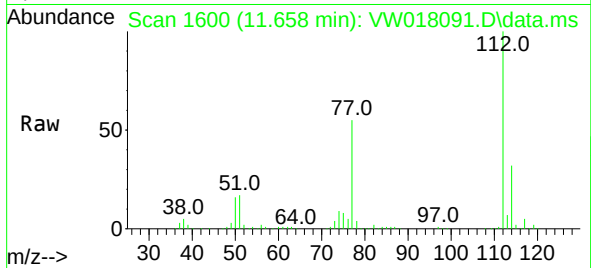


Tgt Ion: 91 Resp: 355591
Ion Ratio Lower Upper
91 100
92 58.8 41.6 77.3

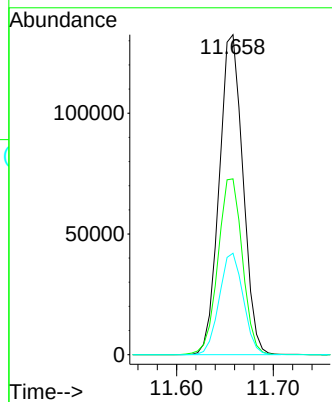
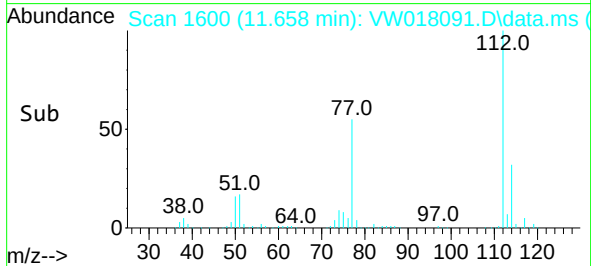




#52
Chlorobenzene
Concen: 21.90 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018091.D
Acq: 11 Feb 2021 17:37



Tgt Ion:112 Resp: 225605
Ion Ratio Lower Upper
112 100
77 55.0 42.6 64.0
114 31.7 21.6 40.2



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