

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
 Data File : VW018153.D
 Acq On : 16 Feb 2021 11:27
 Operator : SY/VA
 Sample : M1370-22MSD
 Misc : 3.86G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGZ8MSD

Manual Integrations
 APPROVED

MMDadoda
 2/18/2021 11:54:21 AM

Quant Time: Feb 17 01:03:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 17 01:02:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	452937	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	342096	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	110599	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	77991	13.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	55.40%		
7) Chloroethane-d5	2.891	69	77015	17.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	68.96%		
10) 1,1-Dichloroethene-d2	4.025	63	196080	17.42	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	69.68%		
20) 2-Butanone-d5	7.080	46	50892	33.88	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	67.76%		
24) Chloroform-d	7.647	84	250008	21.03	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.12%		
26) 1,2-Dichloroethane-d4	8.305	65	124254	19.63	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	78.52%		
29) Benzene-d6	8.275	84	474570	25.26	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	101.04%		
33) 1,2-Dichloropropane-d6	9.274	67	138745	26.41	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	105.64%		
37) Toluene-d8	10.323	98	415199	23.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.92%		
38) trans-1,3-Dichloroprop...	10.579	79	51208	21.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	86.00%		
39) 2-Hexanone-d5	10.927	63	42209	42.02	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	84.04%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	100655	21.81	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	87.24%		
61) 1,2-Dichlorobenzene-d4	13.853	152	98348	24.93	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	99.72%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.050	96	115265	19.05	ug/L	90
13) Acetone	4.129	43	2869	2.58	ug/L	62
16) Methylene chloride	4.922	84	6103m	0.84	ug/L	
34) Benzene	8.323	78	494753	24.75	ug/L	100
35) Trichloroethene	9.091	95	131856	23.40	ug/L	98
36) Methylcyclohexane	9.335	83	3381	0.36	ug/L #	85
44) Toluene	10.390	91	515010	23.40	ug/L	100
52) Chlorobenzene	11.658	112	285184	19.67	ug/L	97

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

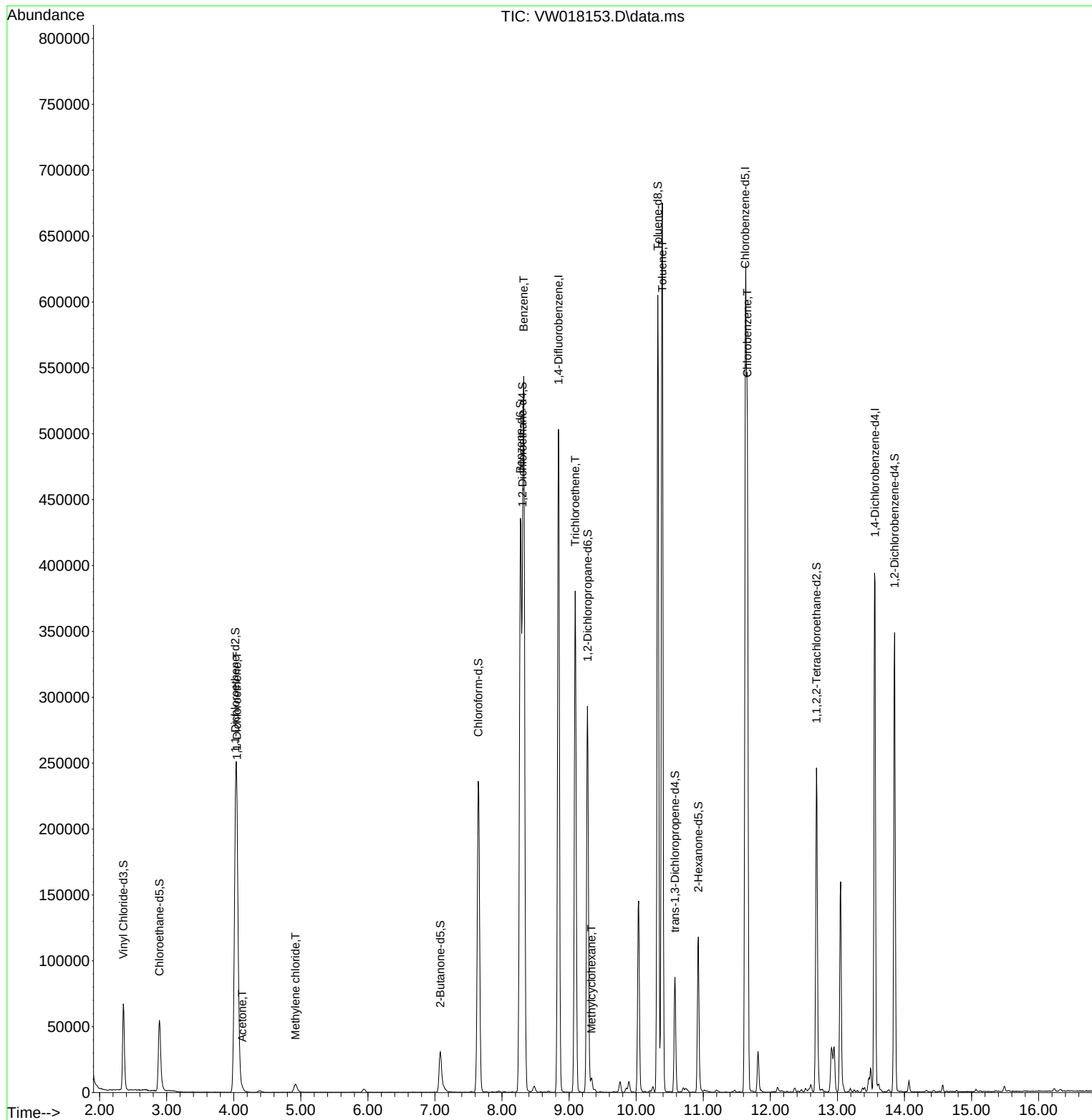
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
Data File : VW018153.D
Acq On : 16 Feb 2021 11:27
Operator : SY/VA
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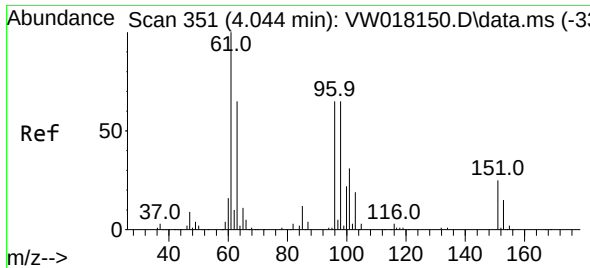
Instrument :
MSVOA_W
ClientSampleId :
DBGZ8MSD

Manual Integrations
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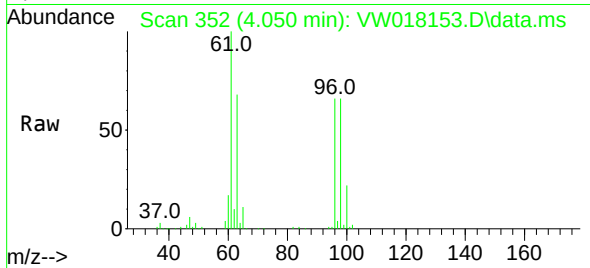
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Quant Time: Feb 17 01:03:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 17 01:02:43 2021
Response via : Initial Calibration

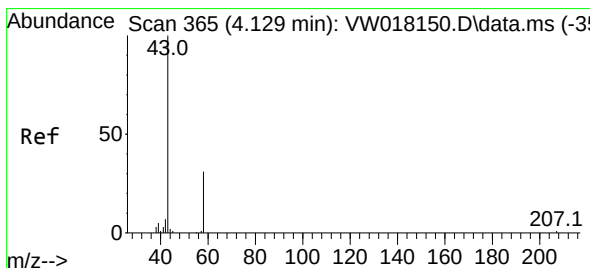
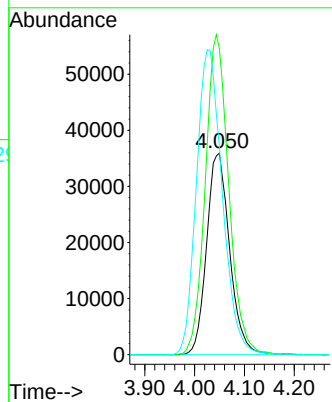
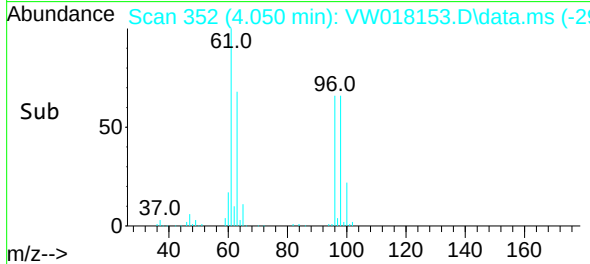




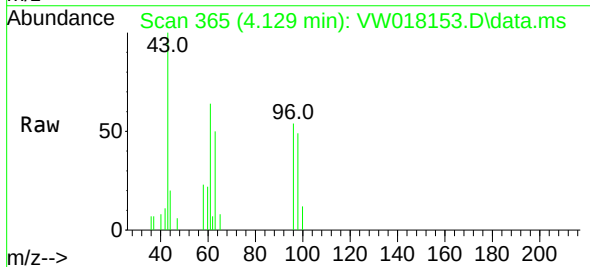
#12
1,1-Dichloroethene
Concen: 19.05 ug/L
RT: 4.050 min Scan# 352
Delta R.T. 0.006 min
Lab File: VW018153.D
Acq: 16 Feb 2021 11:27



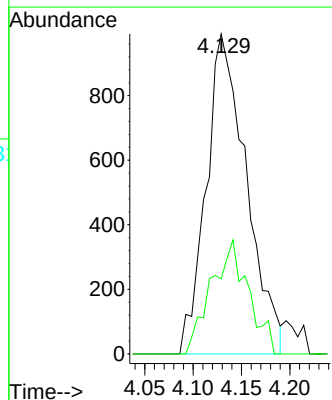
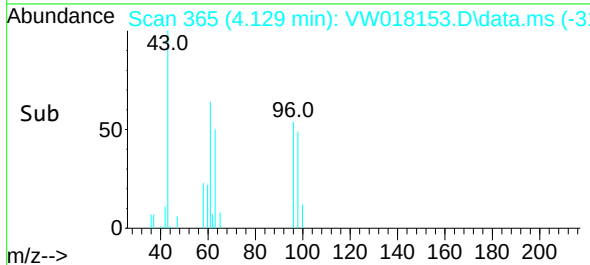
Tgt Ion: 96 Resp: 115265
Ion Ratio Lower Upper
96 100
61 151.7 112.5 208.9
63 103.0 83.1 154.3



#13
Acetone
Concen: 2.58 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW018153.D
Acq: 16 Feb 2021 11:27



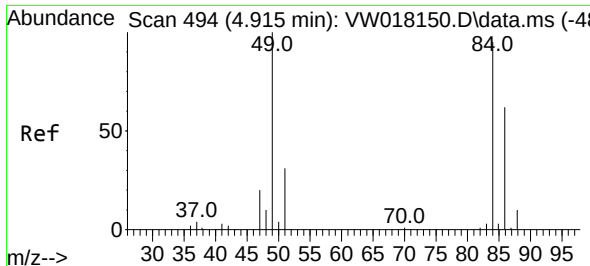
Tgt Ion: 43 Resp: 2869
Ion Ratio Lower Upper
43 100
58 12.6 0.0 68.4



Instrument :
MSVOA_W
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DBGZ8MSD

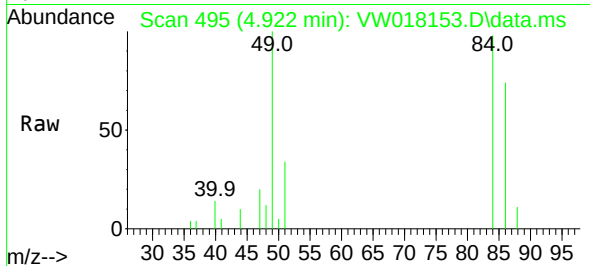
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#16
Methylene chloride
Concen: 0.84 ug/L m
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018153.D
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Instrument :
MSVOA_W
ClientSampleId :
DBGZ8MSD

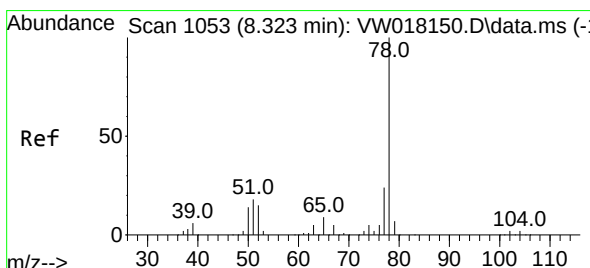
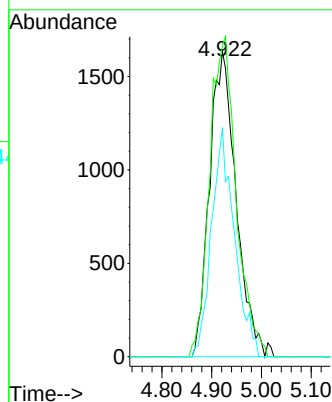


Tgt Ion: 84 Resp: 6103

Ion	Ratio	Lower	Upper
84	100		
49	102.0	81.2	150.8
86	75.1	44.5	82.7

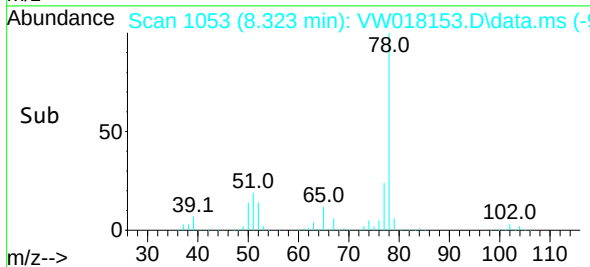
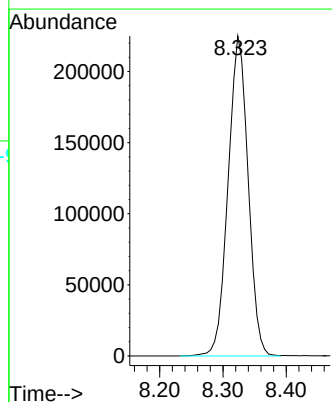
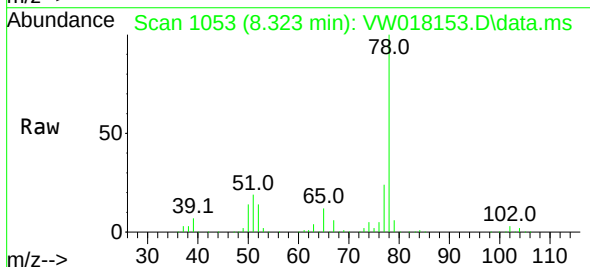
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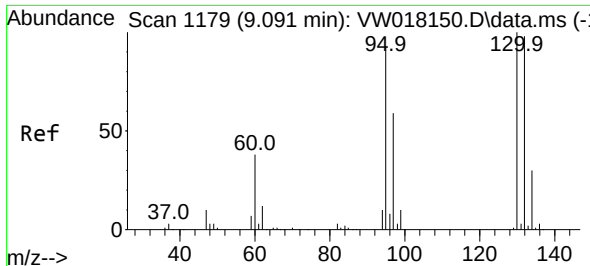
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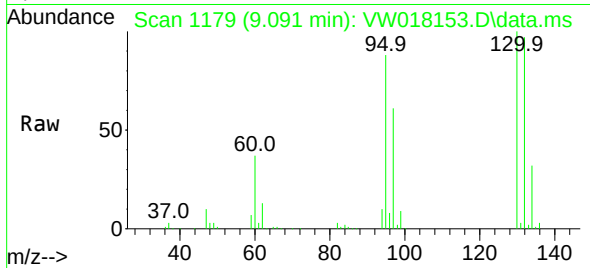
#34
Benzene
Concen: 24.75 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018153.D
Acq: 16 Feb 2021 11:27

Tgt Ion: 78 Resp: 494753



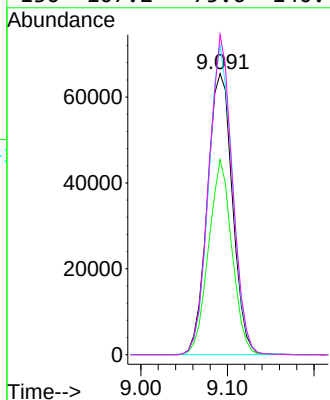


#35
Trichloroethene
Concen: 23.40 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018153.D
Acq: 16 Feb 2021 11:27



Tgt Ion: 95 Resp: 131856

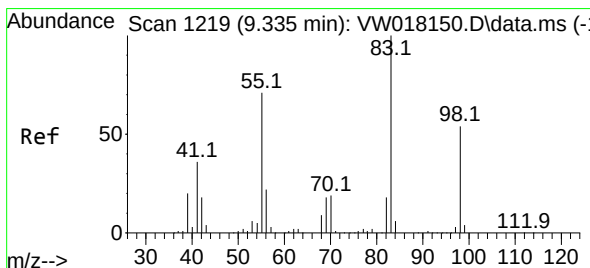
Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.0	83.6
132	104.8	71.0	131.8
130	107.2	75.6	140.4



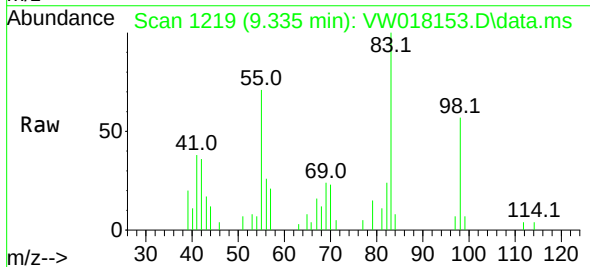
Instrument :
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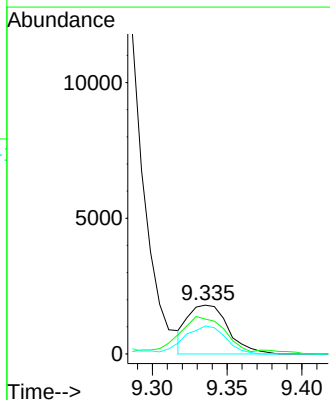
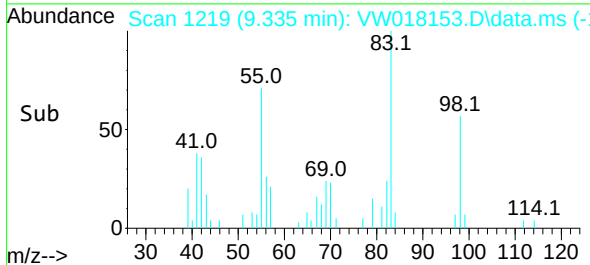


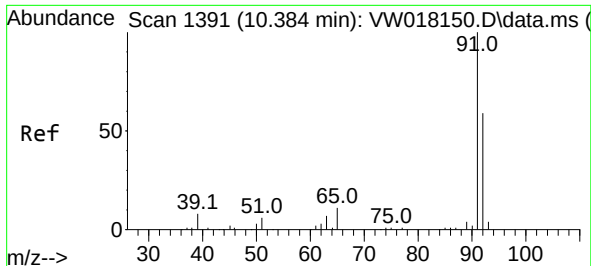
#36
Methylcyclohexane
Concen: 0.36 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018153.D
Acq: 16 Feb 2021 11:27



Tgt Ion: 83 Resp: 3381

Ion	Ratio	Lower	Upper
83	100		
55	89.3	59.4	89.0#
98	58.1	40.7	61.1





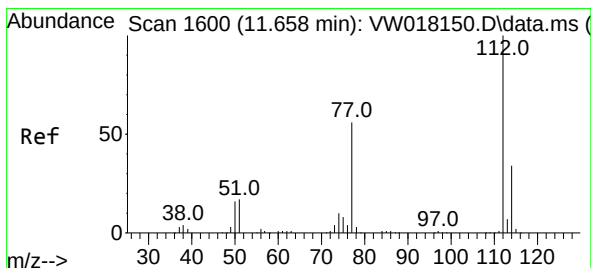
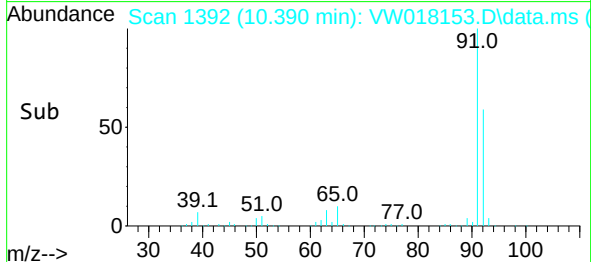
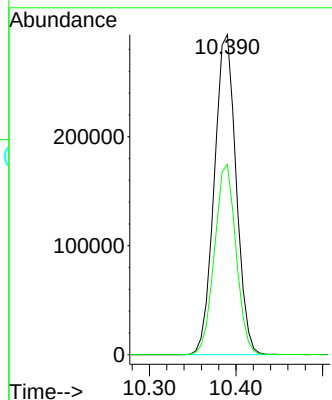
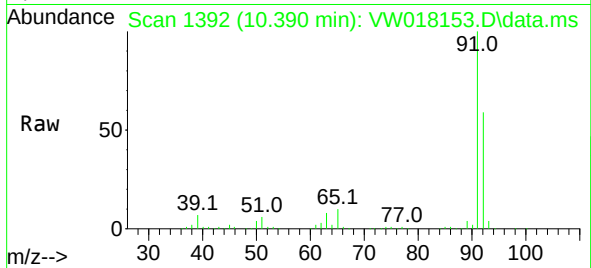
#44
Toluene
Concen: 23.40 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018153.D
Acq: 16 Feb 2021 11:27

Tgt Ion: 91 Resp: 515010
Ion Ratio Lower Upper
91 100
92 59.5 41.6 77.3

Instrument :
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ClientSampleId :
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#52
Chlorobenzene
Concen: 19.67 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018153.D
Acq: 16 Feb 2021 11:27

Tgt Ion: 112 Resp: 285184
Ion Ratio Lower Upper
112 100
77 55.8 42.6 64.0
114 32.2 21.6 40.2

