

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021721\
 Data File : VW018190.D
 Acq On : 17 Feb 2021 16:36
 Operator : SY/VA
 Sample : M1414-09RE
 Misc : 5.72G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGX5RE

Quant Time: Feb 18 06:18:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 18 06:15:22 2021
 Response via : Initial Calibration

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

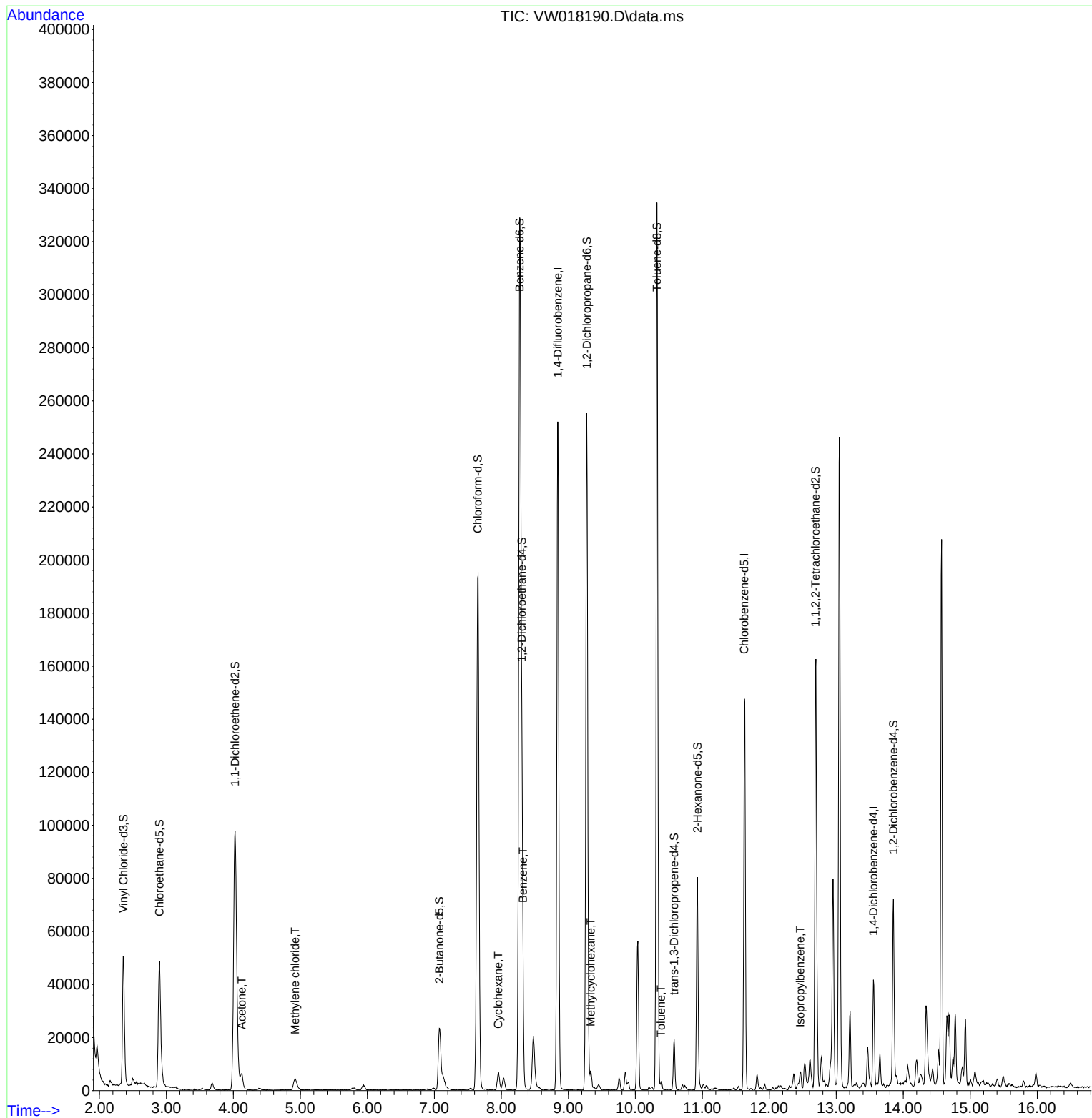
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	223990	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	89245	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	12046	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	60841	21.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.44%
7) Chloroethane-d5	2.898	69	71111	32.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	128.76%
10) 1,1-Dichloroethene-d2	4.025	63	109910	19.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.00%
20) 2-Butanone-d5	7.074	46	39561	53.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.50%
24) Chloroform-d	7.647	84	204786	34.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	139.36%
26) 1,2-Dichloroethane-d4	8.305	65	84285	26.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.68%
29) Benzene-d6	8.275	84	357175	72.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	291.56%#
33) 1,2-Dichloropropane-d6	9.275	67	120522	87.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	351.76%#
37) Toluene-d8	10.323	98	230578	49.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	197.80%#
38) trans-1,3-Dichloroprop...	10.579	79	11245	18.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.40%
39) 2-Hexanone-d5	10.927	63	28835	110.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	220.08%#
48) 1,1,2,2-Tetrachloroeth...	12.689	84	72976	60.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	242.48%#
61) 1,2-Dichlorobenzene-d4	13.853	152	19380	45.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	180.40%#
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	9579	17.43	ug/L	97
16) Methylene chloride	4.922	84	4438	1.24	ug/L	85
30) Cyclohexane	7.952	56	3524	1.73	ug/L	95
34) Benzene	8.323	78	1679	0.32	ug/L	100
36) Methylcyclohexane	9.335	83	2479	1.00	ug/L	93
44) Toluene	10.384	91	2475	0.43	ug/L #	75
57) Isopropylbenzene	12.463	105	3347	0.51	ug/L #	86

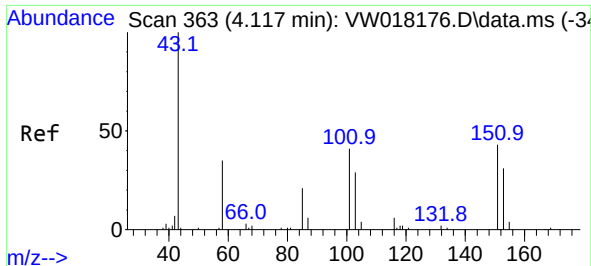
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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DBGX5RE

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QLast Update : Thu Feb 18 06:15:22 2021
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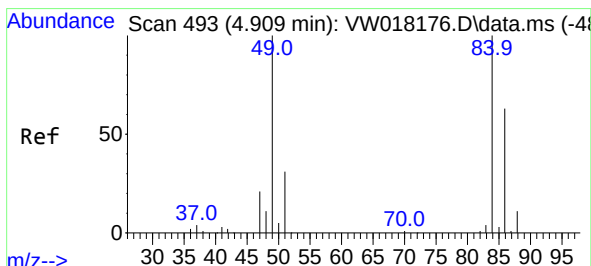
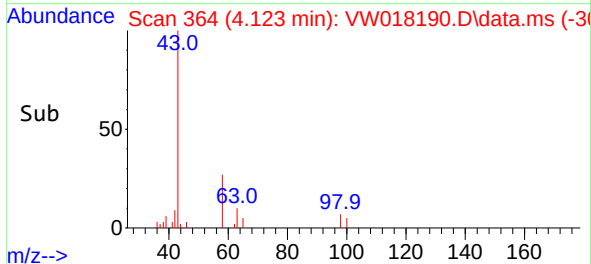
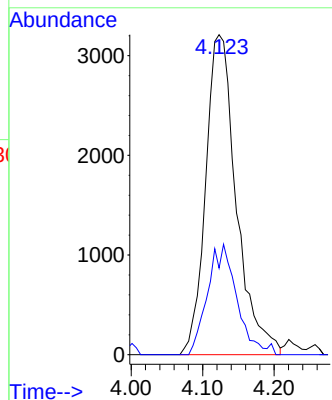
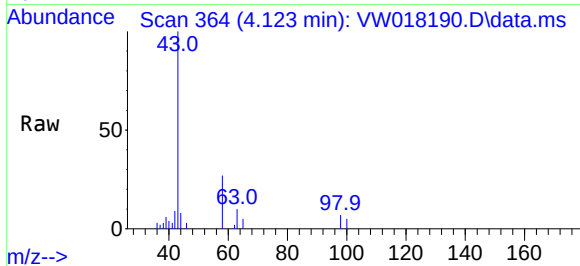




#13
Acetone
Concen: 17.43 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018190.D
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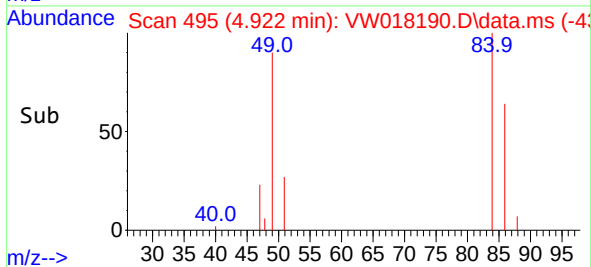
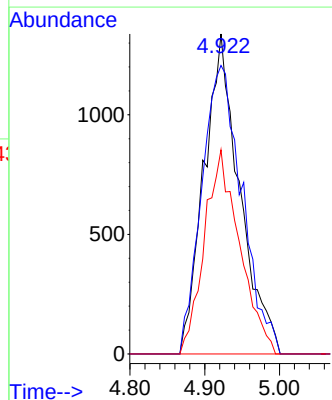
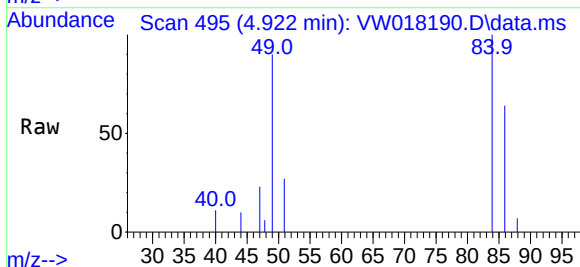
Instrument :
MSVOA_W
ClientSampleId :
DBGX5RE

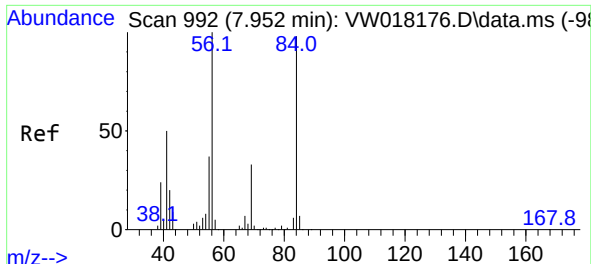
Tgt Ion: 43 Resp: 9579
Ion Ratio Lower Upper
43 100
58 32.5 0.0 68.4



#16
Methylene chloride
Concen: 1.24 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW018190.D
Acq: 17 Feb 2021 16:36

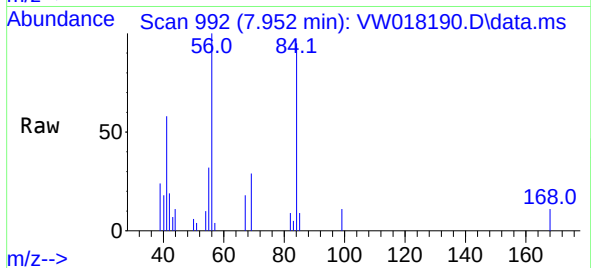
Tgt Ion: 84 Resp: 4438
Ion Ratio Lower Upper
84 100
49 90.1 81.2 150.8
86 63.8 44.5 82.7





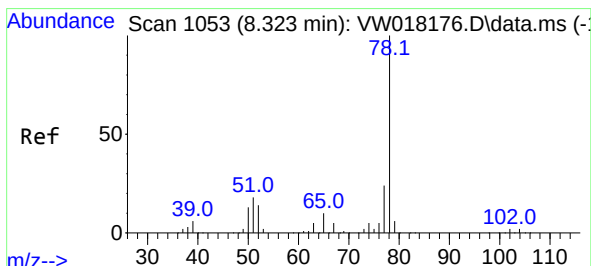
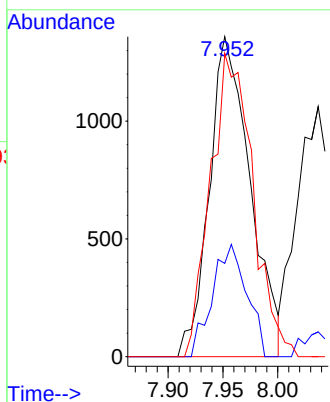
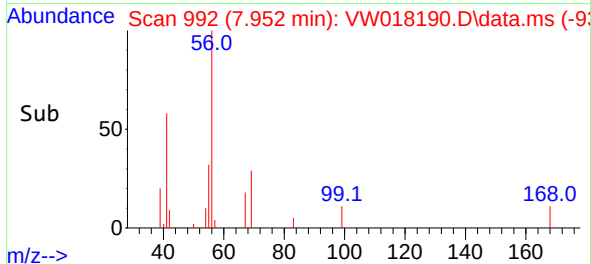
#30
Cyclohexane
Concen: 1.73 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW018190.D
Acq: 17 Feb 2021 16:36

Instrument :
MSVOA_W
ClientSampleId :
DBGX5RE



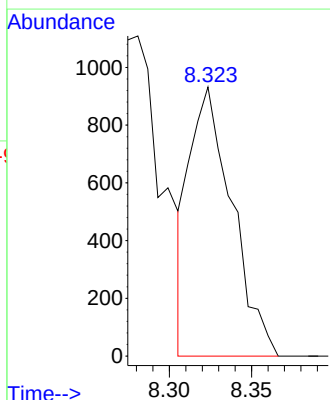
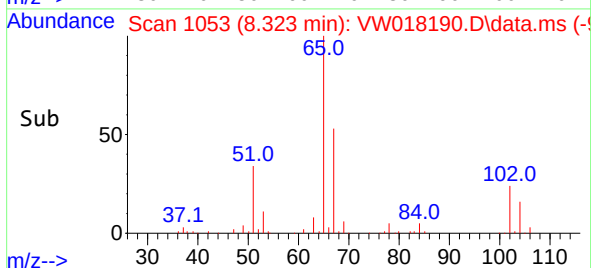
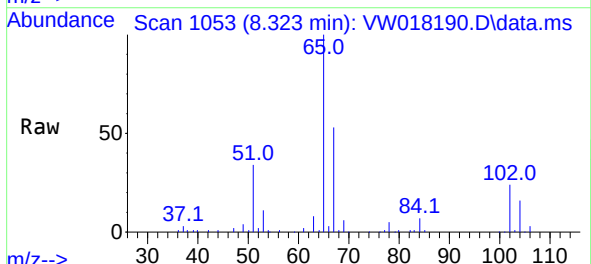
Tgt Ion: 56 Resp: 3524

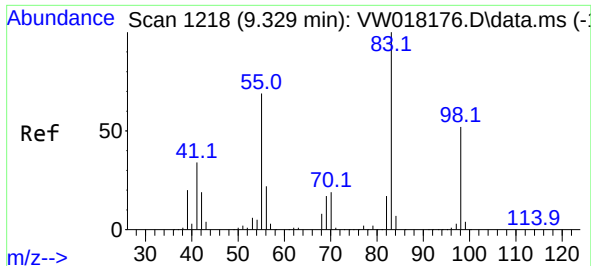
Ion	Ratio	Lower	Upper
56	100		
69	29.6	24.8	37.2
84	97.8	74.2	111.4



#34
Benzene
Concen: 0.32 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018190.D
Acq: 17 Feb 2021 16:36

Tgt Ion: 78 Resp: 1679

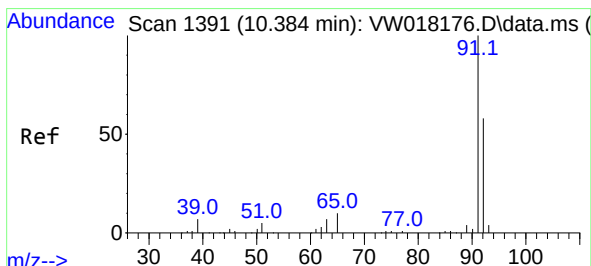
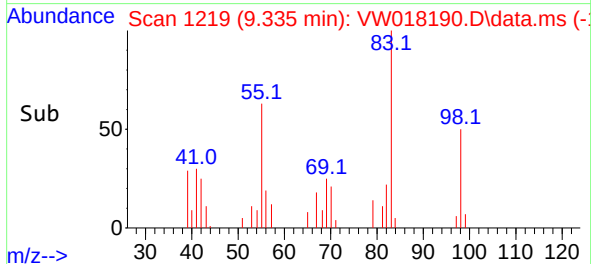
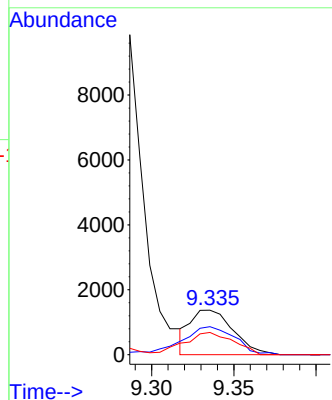
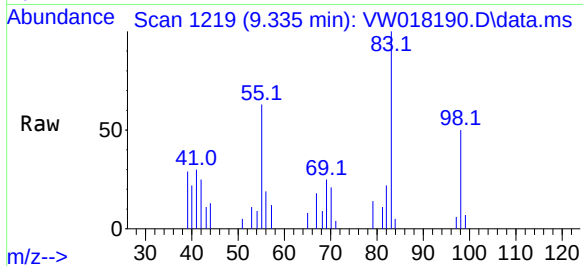




#36
Methylcyclohexane
Concen: 1.00 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.006 min
Lab File: VW018190.D
Acq: 17 Feb 2021 16:36

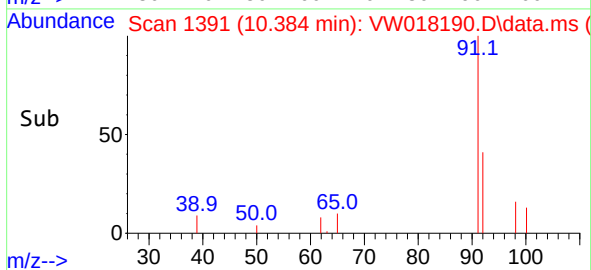
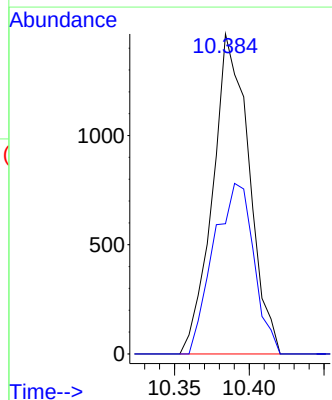
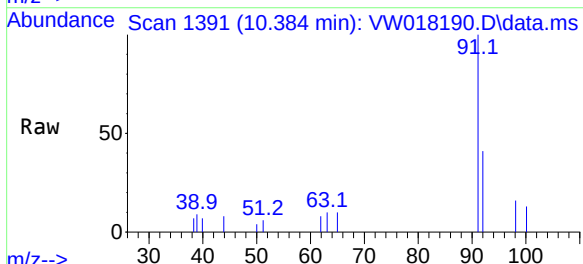
Instrument :
MSVOA_W
ClientSampled :
DBGX5RE

Tgt Ion: 83 Resp: 2479
Ion Ratio Lower Upper
83 100
55 69.4 59.4 89.0
98 57.6 40.7 61.1

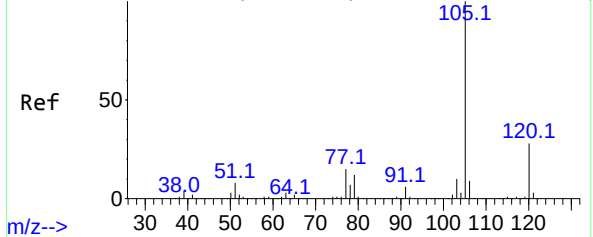


#44
Toluene
Concen: 0.43 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW018190.D
Acq: 17 Feb 2021 16:36

Tgt Ion: 91 Resp: 2475
Ion Ratio Lower Upper
91 100
92 40.7 41.6 77.3#



Abundance Scan 1732 (12.463 min): VW018176.D\data.ms (



#57
Isopropylbenzene
Concen: 0.51 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018190.D
Acq: 17 Feb 2021 16:36

Instrument :
MSVOA_W
ClientSampleId :
DBGX5RE

Tgt Ion:	105	Resp:	3347
Ion	Ratio	Lower	Upper
105	100		
120	23.2	21.4	32.2
77	25.8	12.1	18.1#

