

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
 Data File : VW018120.D
 Acq On : 12 Feb 2021 19:11
 Operator : SY/VA
 Sample : M1370-12
 Misc : 4.71G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGY8

Quant Time: Feb 12 22:49:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 12 22:41:34 2021
 Response via : Initial Calibration

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

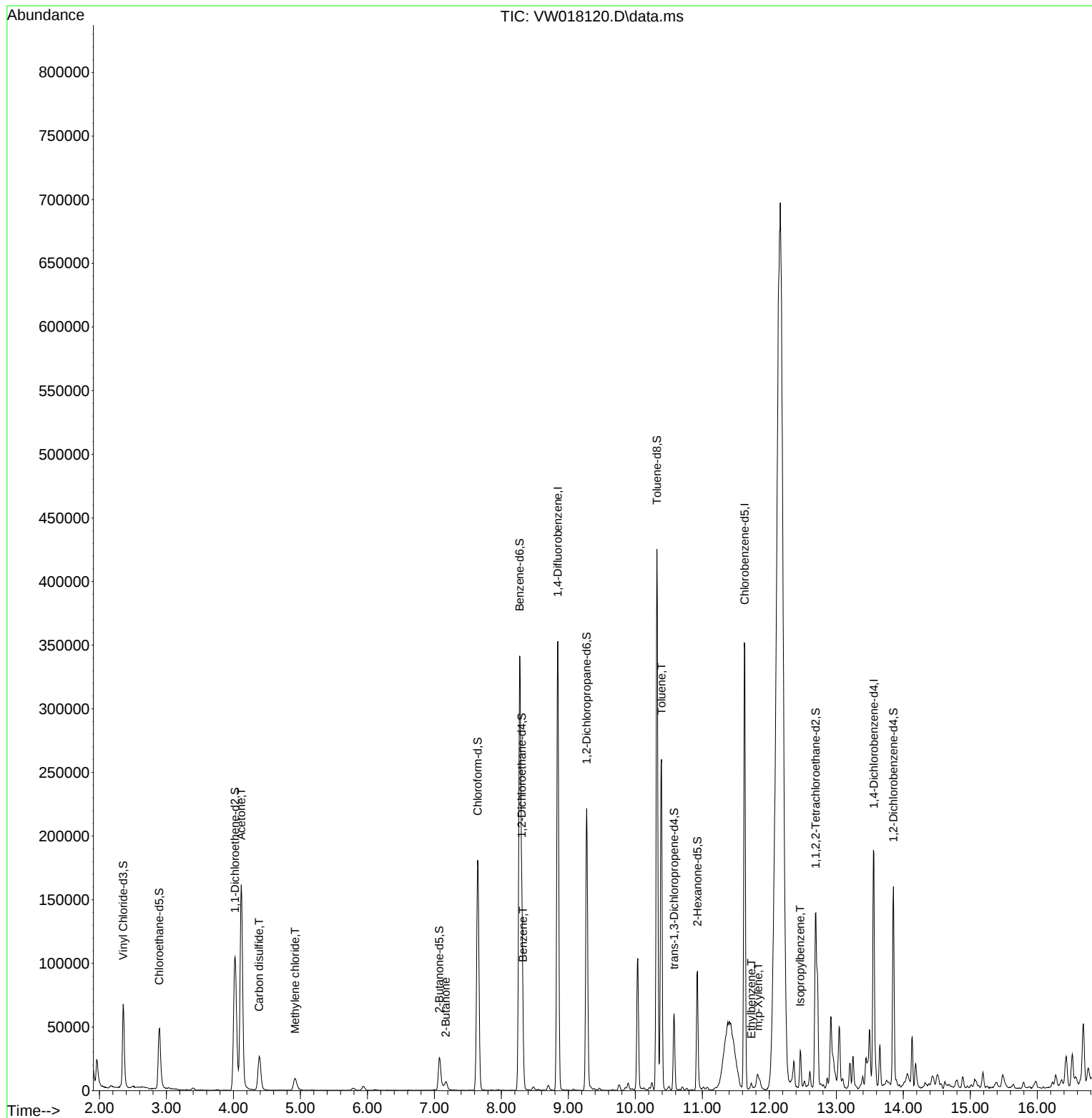
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	320820	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	213087	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	53171	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	79180	19.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.44%
7) Chloroethane-d5	2.891	69	70136	22.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.64%
10) 1,1-Dichloroethene-d2	4.025	63	117641	14.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.04%
20) 2-Butanone-d5	7.074	46	43464	40.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.70%
24) Chloroform-d	7.647	84	192034	22.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.24%
26) 1,2-Dichloroethane-d4	8.305	65	96338	21.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.92%
29) Benzene-d6	8.275	84	369125	31.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	126.20%
33) 1,2-Dichloropropane-d6	9.274	67	104507	31.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.76%#
37) Toluene-d8	10.323	98	287027	25.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.12%
38) trans-1,3-Dichloroprop...	10.579	79	35390	23.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.44%
39) 2-Hexanone-d5	10.926	63	34209	54.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.36%
48) 1,1,2,2-Tetrachloroeth...	12.694	84	61525	21.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.60%
61) 1,2-Dichlorobenzene-d4	13.853	152	43460	22.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.64%
Target Compounds						
					Qvalue	
13) Acetone	4.117	43	275461	349.93	ug/L	99
14) Carbon disulfide	4.385	76	56535	4.53	ug/L	100
16) Methylene chloride	4.921	84	8860	1.72	ug/L	92
21) 2-Butanone	7.171	43	11506	9.60	ug/L	98
34) Benzene	8.323	78	8762	0.70	ug/L	100
44) Toluene	10.390	91	202502	14.77	ug/L	98
53) Ethylbenzene	11.731	91	3454	0.22	ug/L	96
54) m,p-Xylene	11.835	106	2284	0.38	ug/L	94
57) Isopropylbenzene	12.463	105	16734	1.07	ug/L #	97

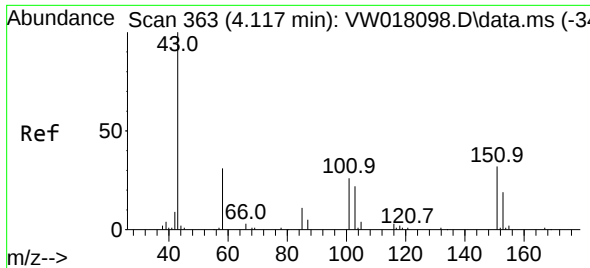
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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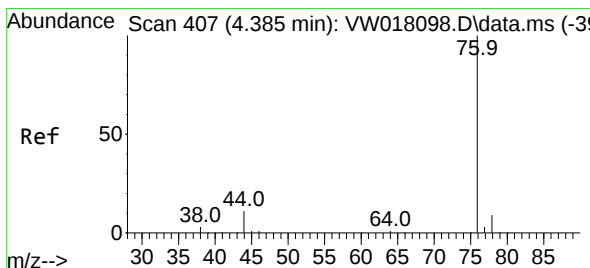
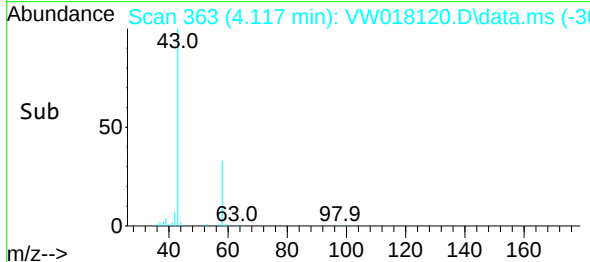
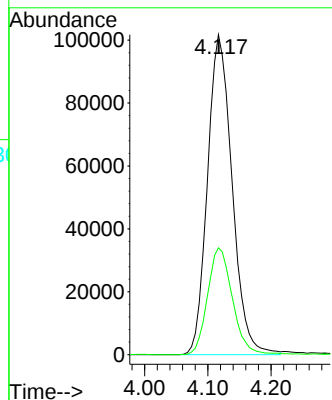
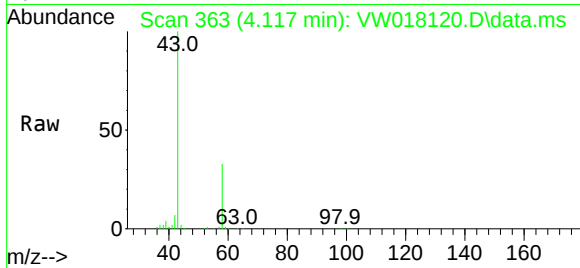




#13
Acetone
Concen: 349.93 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW018120.D
Acq: 12 Feb 2021 19:11

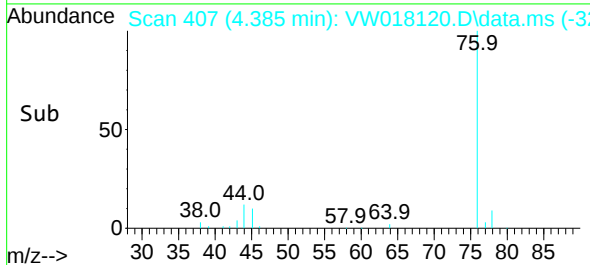
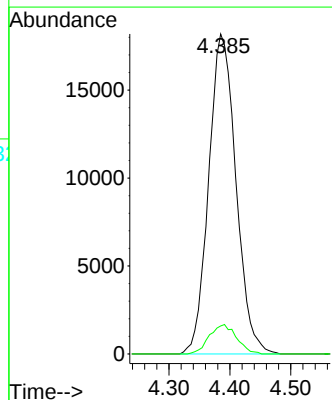
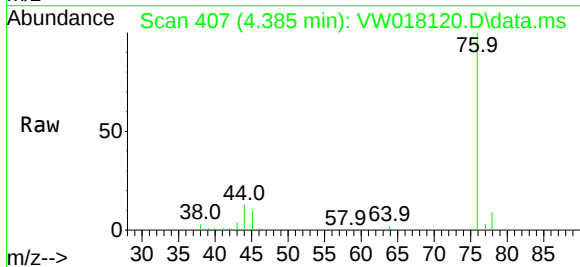
Instrument :
MSVOA_W
ClientSampled :
DBGY8

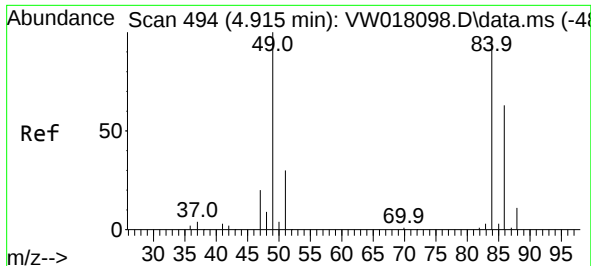
Tgt Ion: 43 Resp: 275461
Ion Ratio Lower Upper
43 100
58 33.5 0.0 68.4



#14
Carbon disulfide
Concen: 4.53 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW018120.D
Acq: 12 Feb 2021 19:11

Tgt Ion: 76 Resp: 56535
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4

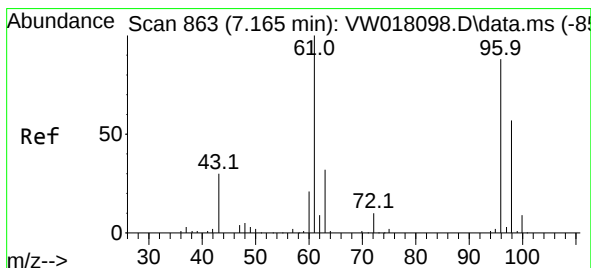
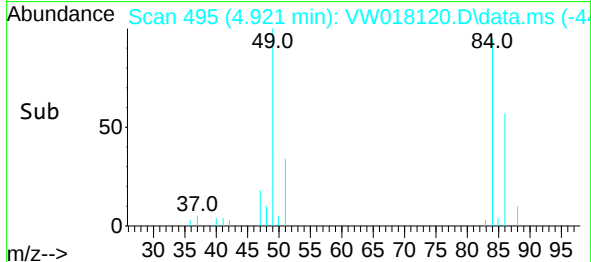
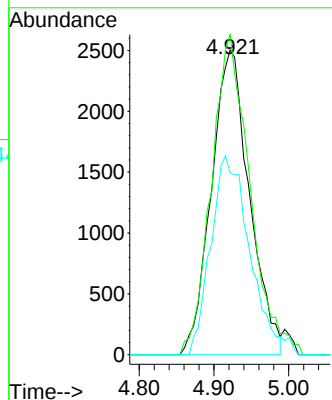
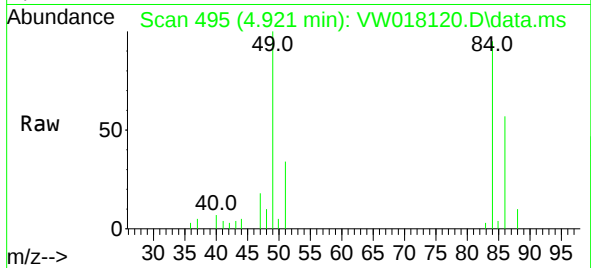




#16
Methylene chloride
Concen: 1.72 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018120.D
Acq: 12 Feb 2021 19:11

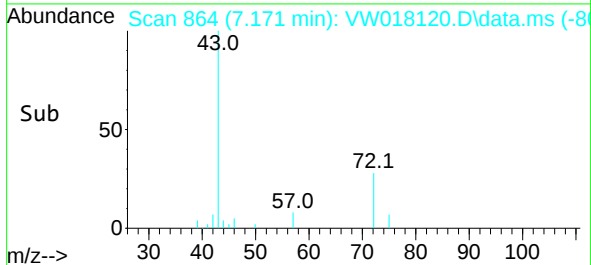
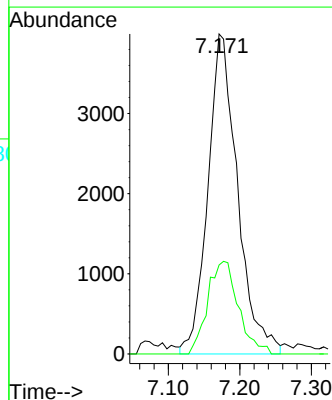
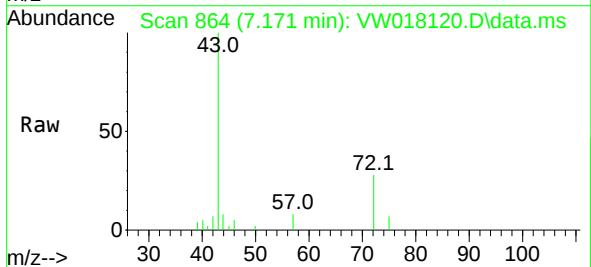
Instrument :
MSVOA_W
ClientSampled :
DBGY8

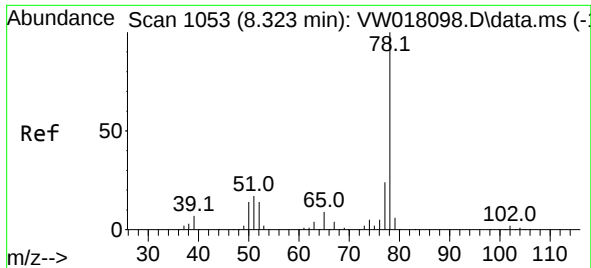
Tgt Ion:	84	Resp:	8860
Ion	Ratio	Lower	Upper
84	100		
49	105.0	81.2	150.8
86	59.7	44.5	82.7



#21
2-Butanone
Concen: 9.60 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018120.D
Acq: 12 Feb 2021 19:11

Tgt Ion:	43	Resp:	11506
Ion	Ratio	Lower	Upper
43	100		
72	29.7	14.4	43.2

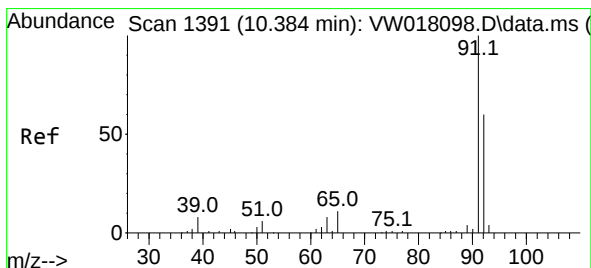
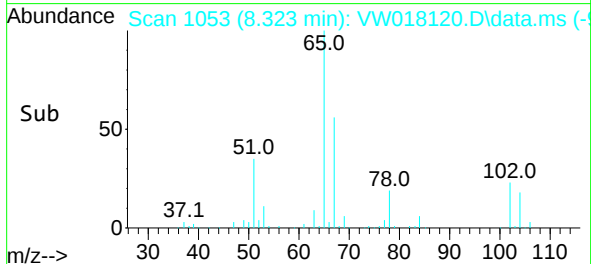
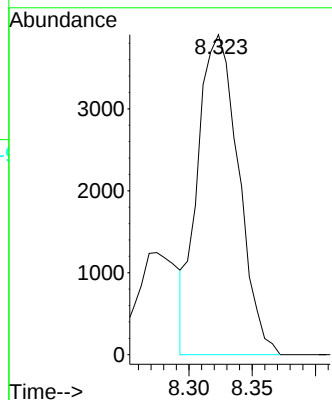
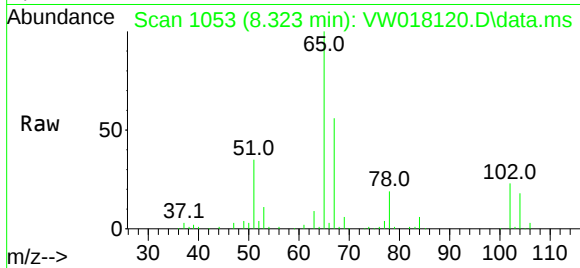




#34
Benzene
Concen: 0.70 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018120.D
Acq: 12 Feb 2021 19:11

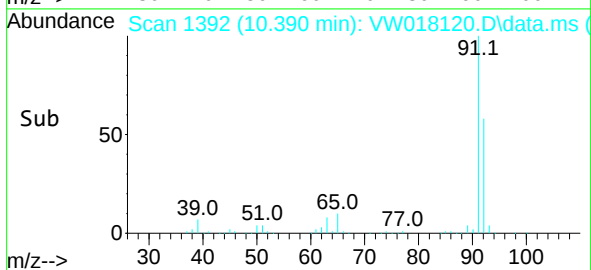
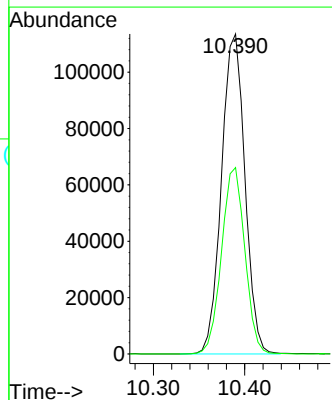
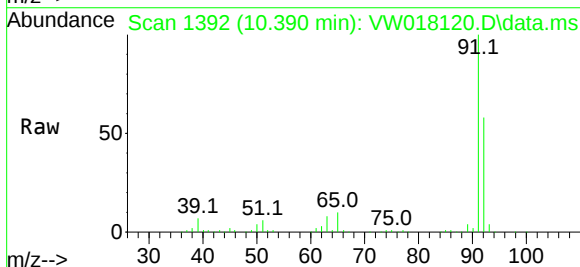
Instrument :
MSVOA_W
ClientSampled :
DBGY8

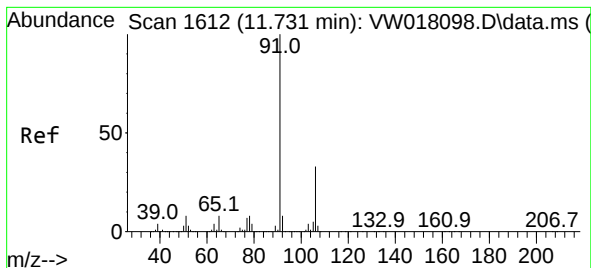
Tgt Ion: 78 Resp: 8762



#44
Toluene
Concen: 14.77 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018120.D
Acq: 12 Feb 2021 19:11

Tgt Ion: 91 Resp: 202502
Ion Ratio Lower Upper
91 100
92 58.3 41.6 77.3

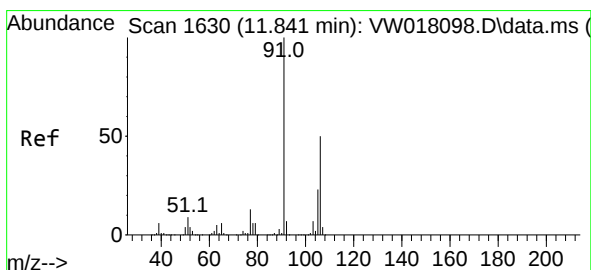
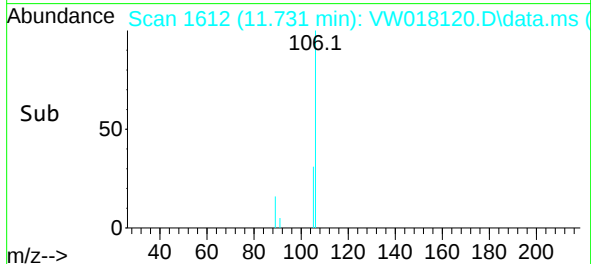
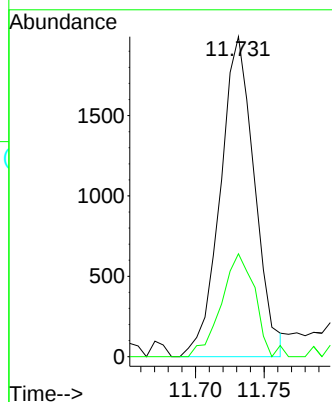
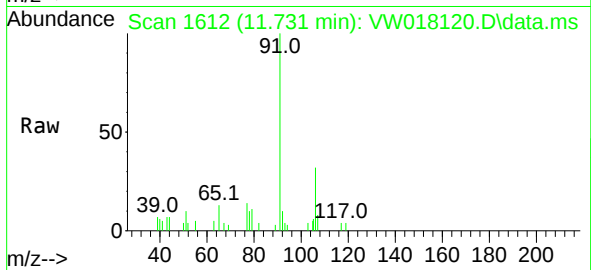




#53
Ethylbenzene
Concen: 0.22 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018120.D
Acq: 12 Feb 2021 19:11

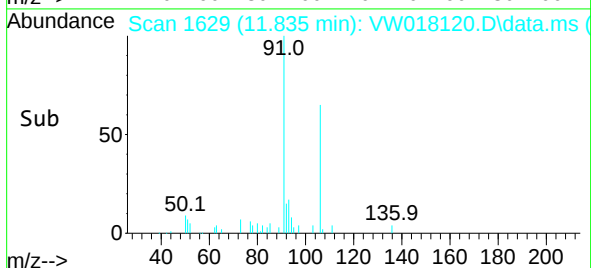
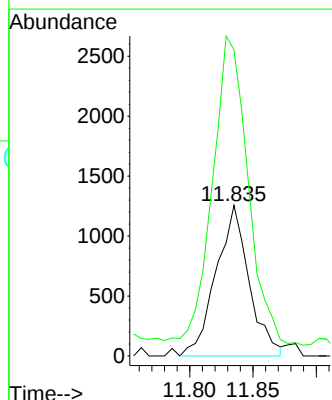
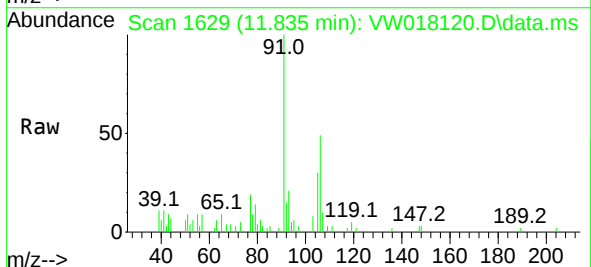
Instrument :
MSVOA_W
ClientSampled :
DBGY8

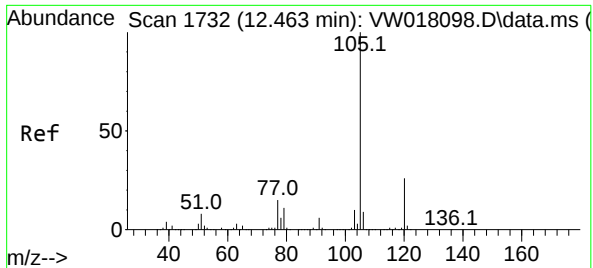
Tgt Ion: 91 Resp: 3454
Ion Ratio Lower Upper
91 100
106 32.1 21.1 39.1



#54
m,p-Xylene
Concen: 0.38 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW018120.D
Acq: 12 Feb 2021 19:11

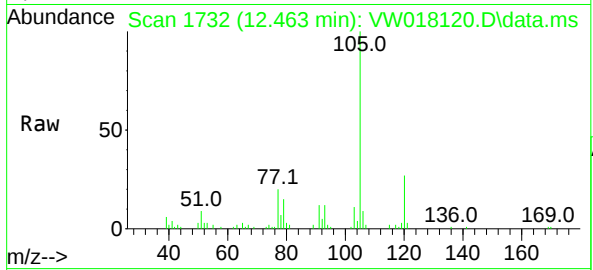
Tgt Ion:106 Resp: 2284
Ion Ratio Lower Upper
106 100
91 203.4 136.4 253.4





#57
Isopropylbenzene
Concen: 1.07 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018120.D
Acq: 12 Feb 2021 19:11

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion:	105	Resp:	16734
Ion	Ratio	Lower	Upper
105	100		
120	27.1	21.4	32.2
77	18.7	12.1	18.1#

