

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041421\
 Data File : VW021012.D
 Acq On : 14 Apr 2021 17:47
 Operator : SY/MD
 Sample : M2031-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG528

Manual Integrations
 APPROVED

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 4/16/2021 1:03:22 PM

Quant Time: Apr 15 03:06:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 15 01:36:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	440614	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	423457	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	202072	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	116636	48.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.32%		
7) Chloroethane-d5	1.571	69	96562	51.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	102.48%		
11) 1,1-Dichloroethene-d2	2.108	63	189819	36.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.84%		
21) 2-Butanone-d5	3.896	46	184809	117.24	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	117.24%		
24) Chloroform-d	4.352	84	299841	50.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.78%		
26) 1,2-Dichloroethane-d4	5.034	65	211922	52.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.38%		
32) Benzene-d6	5.053	84	556992	53.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.56%		
36) 1,2-Dichloropropane-d6	6.075	67	156981	54.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	108.16%		
41) Toluene-d8	7.320	98	534098	51.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.10%		
43) trans-1,3-Dichloroprop...	7.625	79	89842	50.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.46%		
47) 2-Hexanone-d5	8.091	63	161992	129.93	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	129.93%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	249411	53.02	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	106.04%		
66) 1,2-Dichlorobenzene-d4	11.632	152	228203	55.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.64%		
Target Compounds						Qvalue
13) Acetone	2.182	43	6184m	4.68	ug/L	
25) Chloroform	4.384	83	12854	2.10	ug/L	92
42) Toluene	7.400	91	17200	1.44	ug/L	96

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

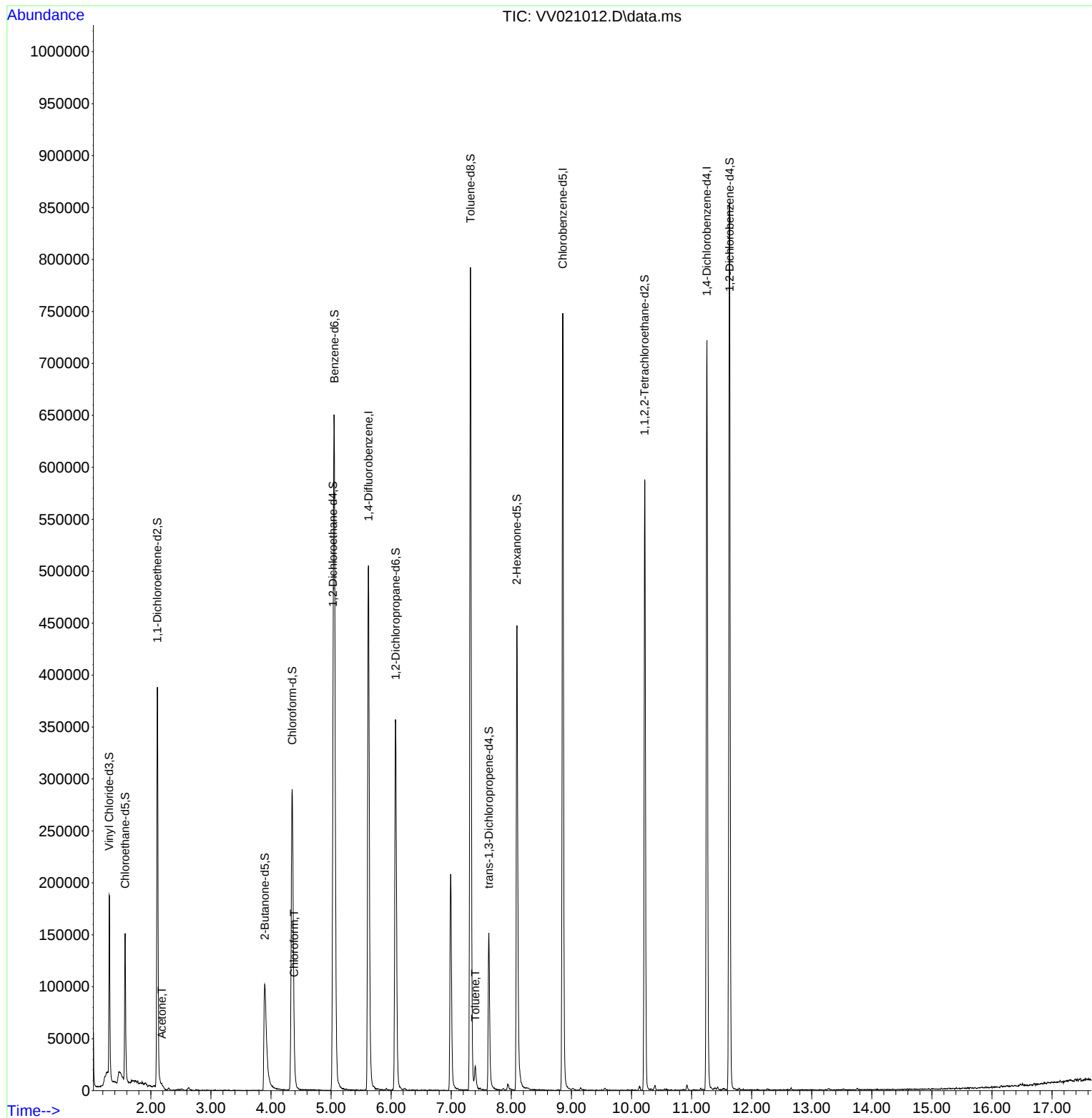
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041421\
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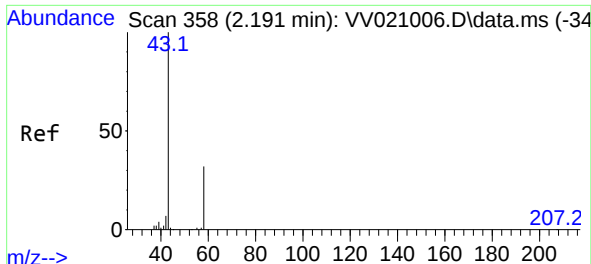
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#13

Acetone

Concen: 4.68 ug/L m

RT: 2.182 min Scan# 355

Delta R.T. -0.009 min

Lab File: VV021012.D

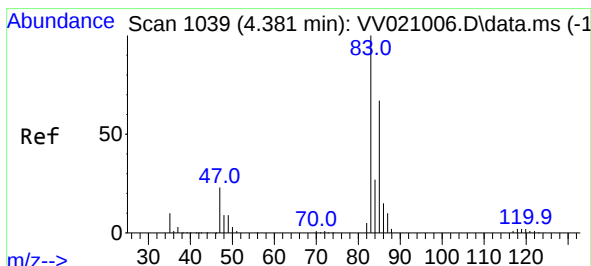
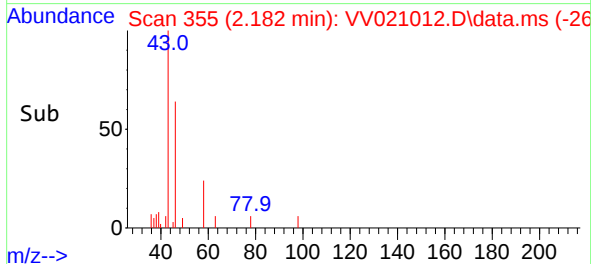
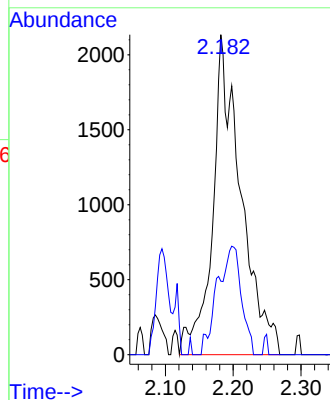
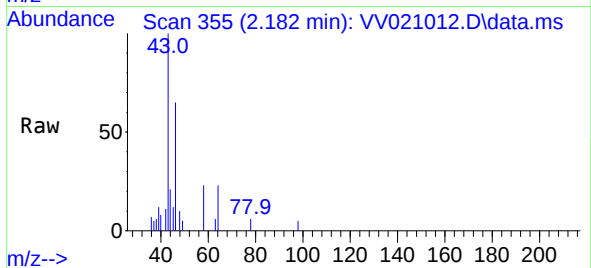
Acq: 14 Apr 2021 17:47

Tgt Ion: 43 Resp: 6184

Ion Ratio Lower Upper

43 100

58 18.8 0.0 61.8



#25

Chloroform

Concen: 2.10 ug/L

RT: 4.384 min Scan# 1040

Delta R.T. 0.003 min

Lab File: VV021012.D

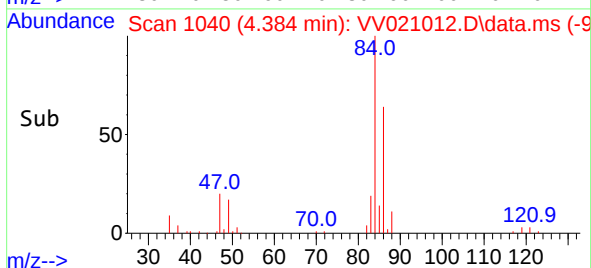
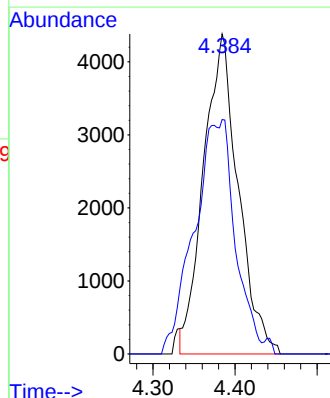
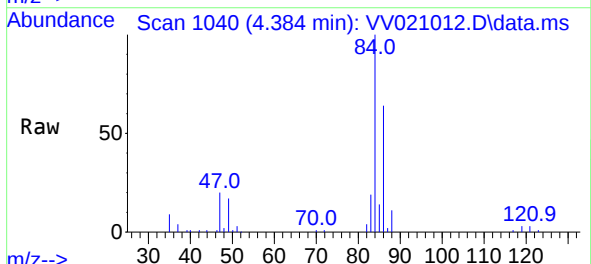
Acq: 14 Apr 2021 17:47

Tgt Ion: 83 Resp: 12854

Ion Ratio Lower Upper

83 100

85 73.2 46.6 86.6



Instrument :

MSVOA_V

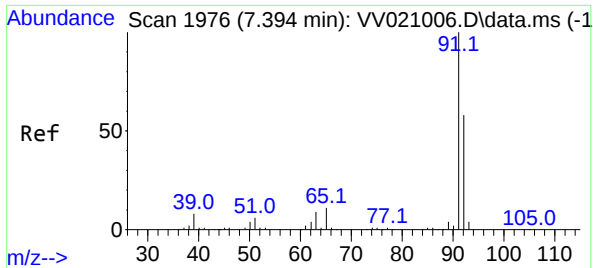
ClientSampleId :

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#42
Toluene
Concen: 1.44 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.006 min
Lab File: VV021012.D
Acq: 14 Apr 2021 17:47

Tgt Ion: 91 Resp: 17200
Ion Ratio Lower Upper
91 100
92 55.2 40.5 75.3

Instrument :
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ClientSampleId :
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