

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031120.D
 Acq On : 12 Apr 2019 11:18
 Operator : JC/SP
 Sample : K2341-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 112 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB729

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 9:15:56 AM

Quant Time: Apr 13 00:15:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 23:21:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	475194	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	466974	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	201211	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	235873	55.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.22%
7) Chloroethane-d5	1.68	69	173867	54.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.00%
11) 1,1-Dichloroethene-d2	2.27	63	304214	39.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.30%
21) 2-Butanone-d5	4.17	46	301806	89.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.77%
24) Chloroform-d	4.64	84	335595	51.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.58%
26) 1,2-Dichloroethane-d4	5.31	65	231856	52.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.88%
32) Benzene-d6	5.34	84	694558	50.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.90%
36) 1,2-Dichloropropane-d6	6.32	67	225479	48.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.52%
41) Toluene-d8	7.56	98	609100	50.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.82%
43) trans-1,3-Dichloropropene-	7.85	79	104569	49.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.18%
47) 2-Hexanone-d5	8.31	63	182898	85.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	307447	48.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.58%
64) 1,2-Dichlorobenzene-d4	11.85	152	218266	55.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.32%

Target Compounds

					Ovalue
13) Acetone	2.32	43	11993	3.486 ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	2616m	0.679 ug/L	
42) Toluene	7.63	91	215532	13.817 ug/L	99
46) Tetrachloroethene	8.22	164	2373m	0.871 ug/L	

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

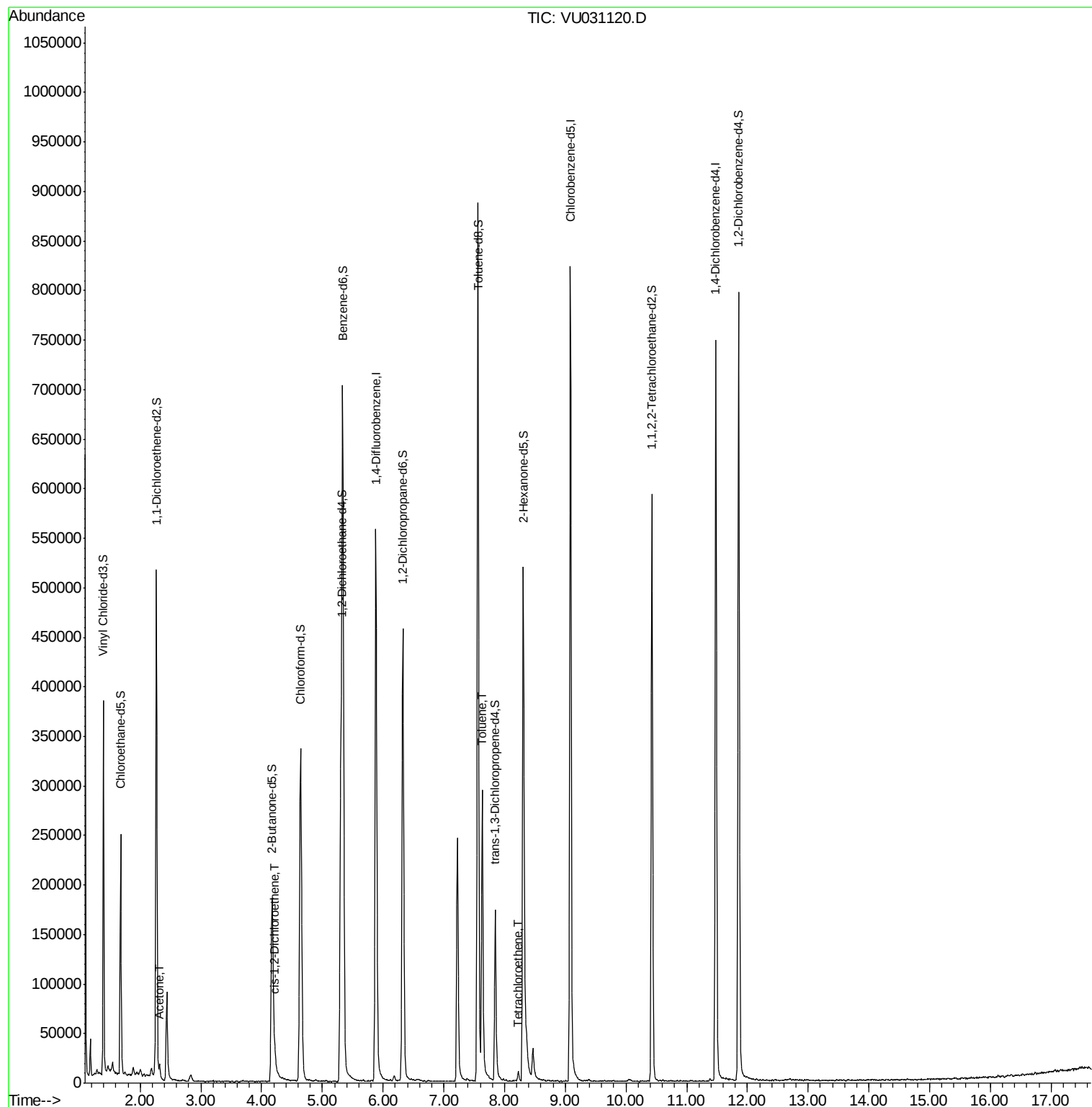
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
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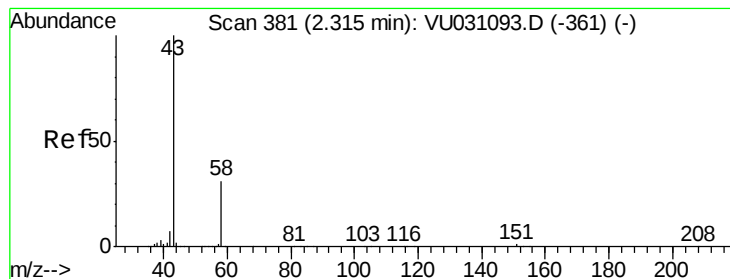
Instrument :
MSVOA_U
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Quant Title : VOC Analysis
QLast Update : Fri Apr 12 23:21:49 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.486 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU031120.D

Acq: 12 Apr 2019 11:18

Instrument :

MSVOA_U

ClientSampleId :

DB729

Tot Ion: 43 Resp: 11993

Ion Ratio Lower Upper

43 100

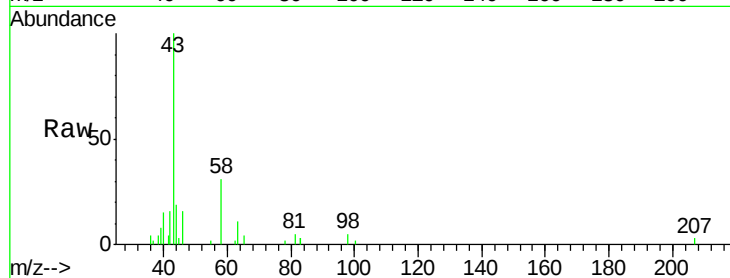
58 31.7 0.0 64.0

Manual Integrations

APPROVED

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4/15/2019 9:15:56 AM

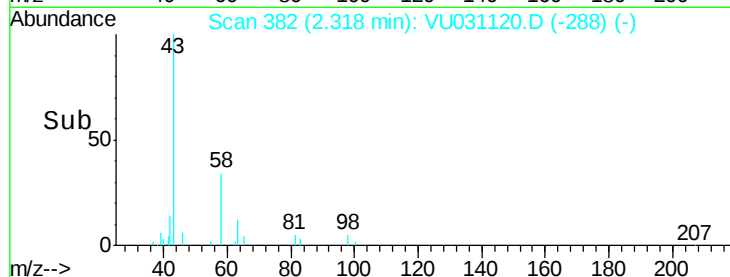


Abundance Ion 43.00 (42.70 to 43.70): VU031120.D (-361) (-)

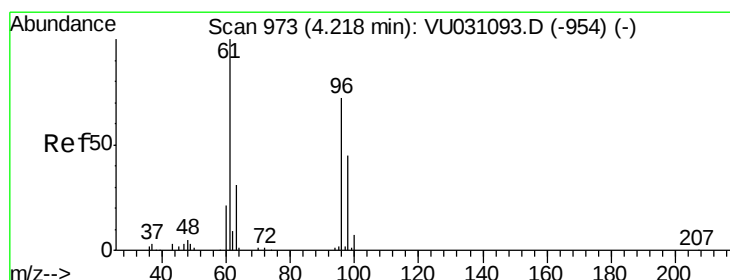
Ion 58.00 (57.70 to 58.70): VU031120.D (-361) (-)

2.32

Time-->



Time-->



#20

cis-1,2-Dichloroethene

Concen: 0.679 ug/L m

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU031120.D

Acq: 12 Apr 2019 11:18

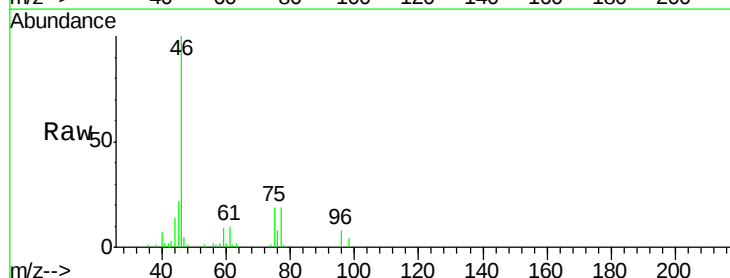
Tgt Ion: 96 Resp: 2616

Ion Ratio Lower Upper

96 100

61 117.5 102.9 191.1

68 0.0 0.0 0.0



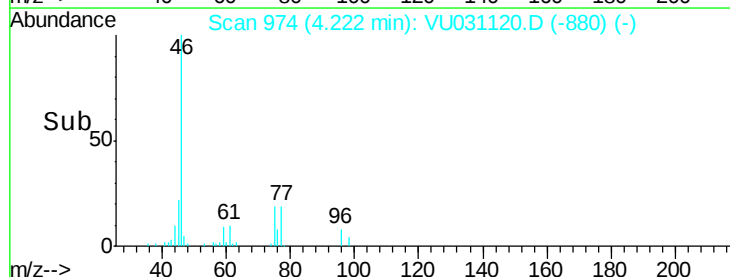
Abundance Ion 96.00 (95.70 to 96.70): VU031120.D (-954) (-)

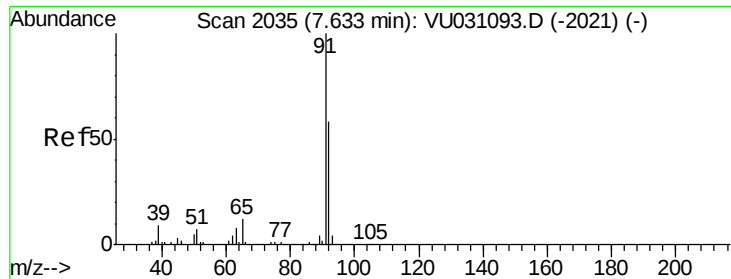
Ion 61.00 (60.70 to 61.70): VU031120.D (-954) (-)

Ion 68.00 (67.70 to 68.70): VU031120.D (-954) (-)

4.22

Time-->





#42

Toluene

Concen: 13.817 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU031120.D

Acq: 12 Apr 2019 11:18

Instrument :

MSVOA_U

ClientSampled :

DB729

Tot Ion: 91 Resp: 21532

Ion Ratio Lower Upper

91 100

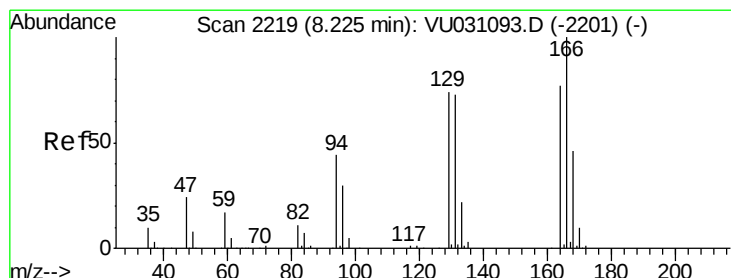
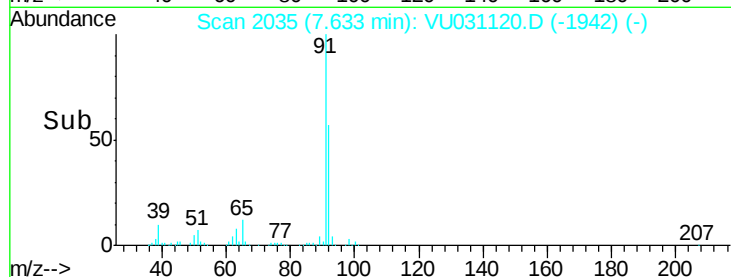
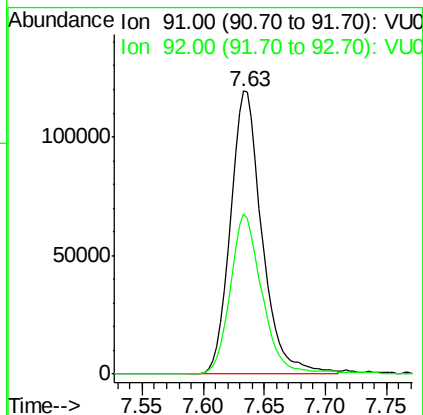
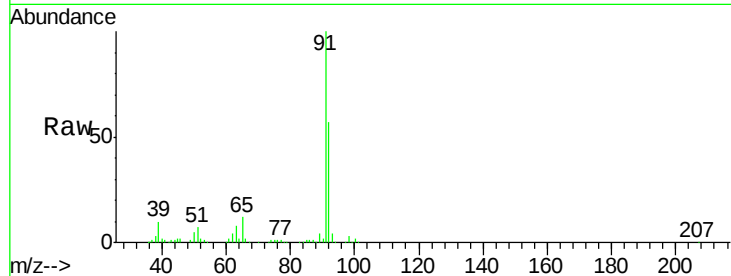
92 56.7 40.0 74.4

Manual Integrations

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4/15/2019 9:15:56 AM



#46

Tetrachloroethene

Concen: 0.871 ug/L m

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU031120.D

Acq: 12 Apr 2019 11:18

Tgt Ion:164 Resp: 2373

Ion Ratio Lower Upper

164 100

129 70.0 67.4 125.2

131 97.4 65.9 122.5

166 134.9 88.6 164.6

