

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
 Data File : VU034741.D
 Acq On : 23 Sep 2019 18:34
 Operator : JC/SP
 Sample : K4982-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT7

Quant Time: Sep 24 03:49:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 24 03:36:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	488813	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	471284	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	211500	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	199679	39.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.80%
7) Chloroethane-d5	1.67	69	165837	42.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.76%
11) 1,1-Dichloroethene-d2	2.26	63	289767	34.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.38%
21) 2-Butanone-d5	4.15	46	379652	98.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.99%
24) Chloroform-d	4.62	84	342068	47.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.04%
26) 1,2-Dichloroethane-d4	5.29	65	253537	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.82%
32) Benzene-d6	5.32	84	696010	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.30%
36) 1,2-Dichloropropane-d6	6.31	67	245446	48.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.14%
41) Toluene-d8	7.54	98	659660	47.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.94%
43) trans-1,3-Dichloropropene-	7.83	79	110174	45.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.10%
47) 2-Hexanone-d5	8.29	63	251549	98.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.09%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	323593	45.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.36%
64) 1,2-Dichlorobenzene-d4	11.84	152	217406	49.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.04%

Target Compounds

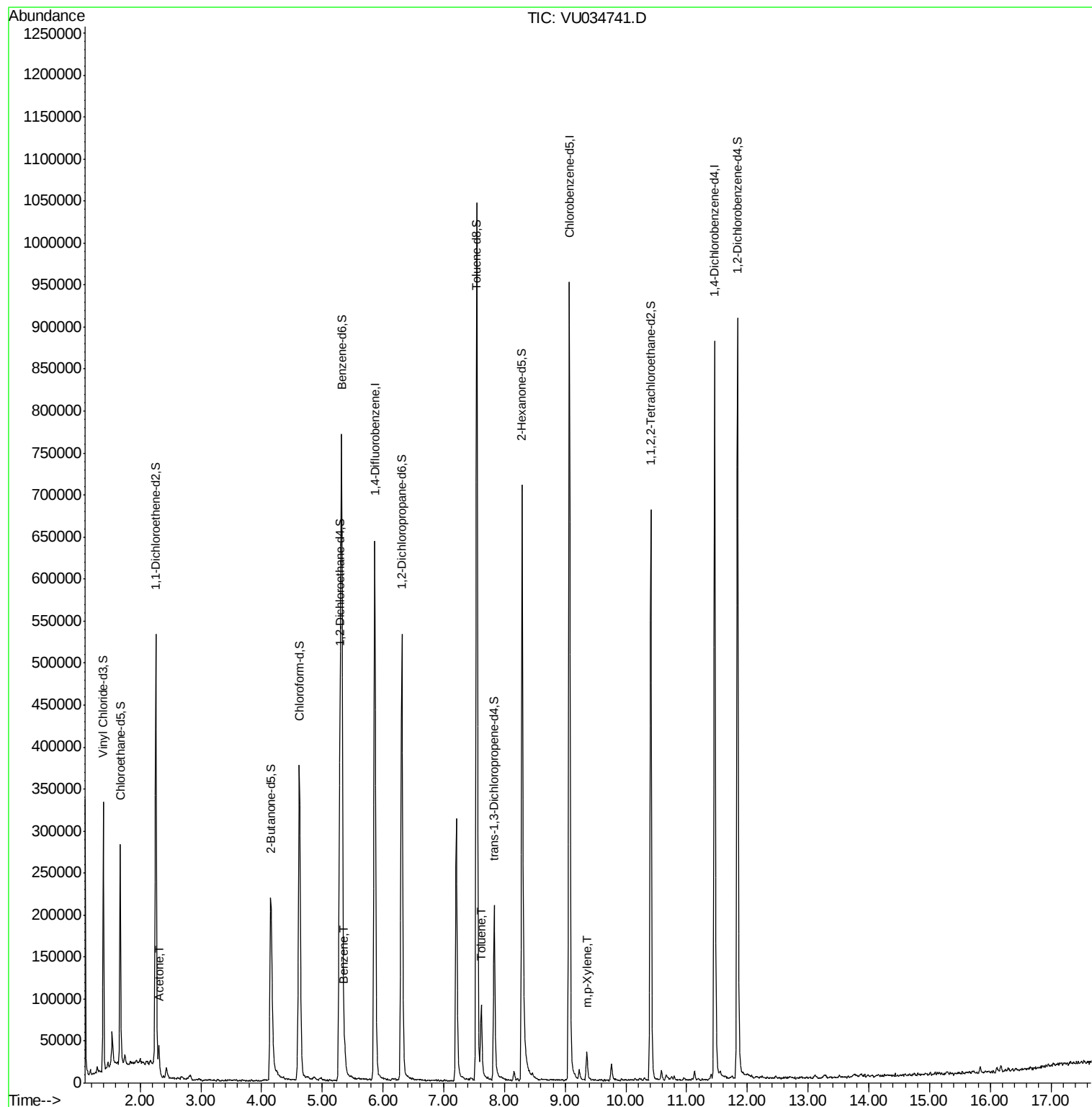
					Ovalue
13) Acetone	2.31	43	36092	8.090 ug/L	97
33) Benzene	5.37	78	25749	1.575 ug/L	100
42) Toluene	7.62	91	58800	3.329 ug/L	95
53) m,p-Xylene	9.36	106	8602	1.221 ug/L	99

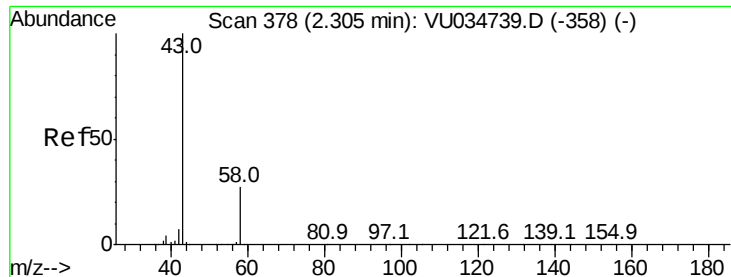
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.090 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VU034741.D

Acq: 23 Sep 2019 18:34

Instrument :

MSVOA_U

ClientSampleId :

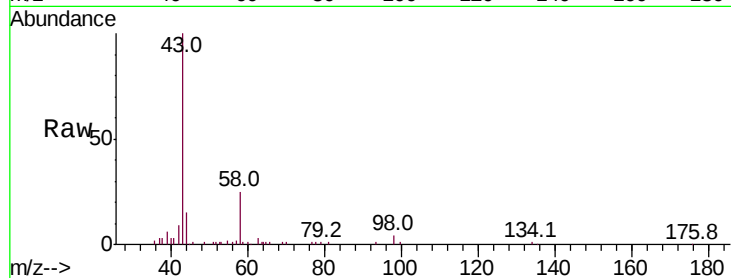
C0AT7

Tot Ion: 43 Resp: 36092

Ion Ratio Lower Upper

43 100

58 28.4 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VU034739.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034739.D (-358) (-)

2.31

25000

20000

15000

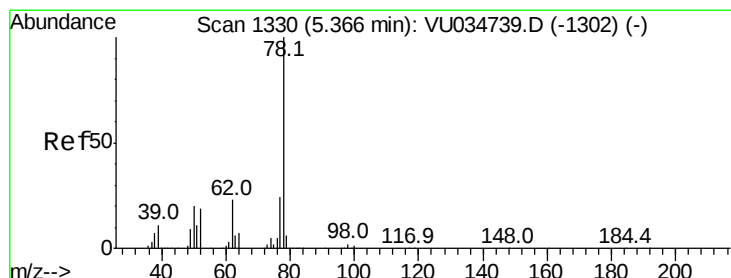
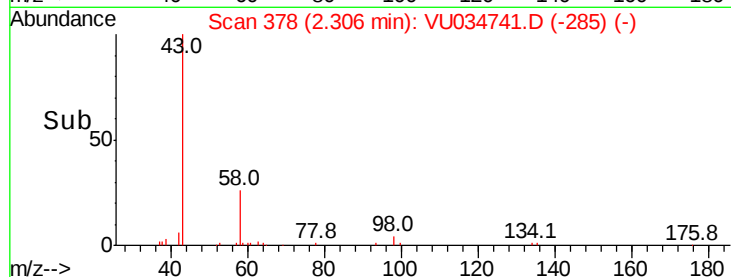
10000

5000

0

Time-->

2.25 2.30 2.35 2.40



#33

Benzene

Concen: 1.575 ug/L

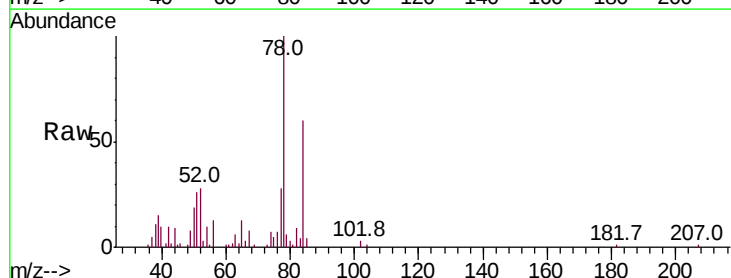
RT: 5.37 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VU034741.D

Acq: 23 Sep 2019 18:34

Tgt Ion: 78 Resp: 25749



Abundance Ion 78.00 (77.70 to 78.70): VU034739.D (-1302) (-)

5.37

12000

10000

8000

6000

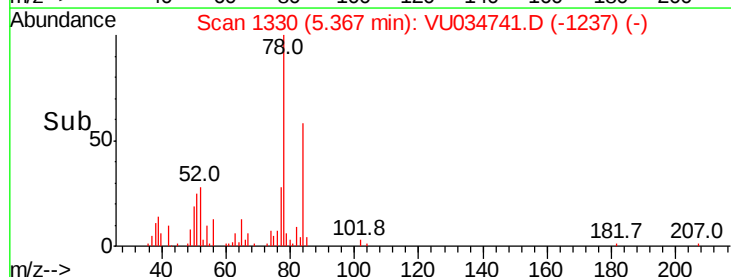
4000

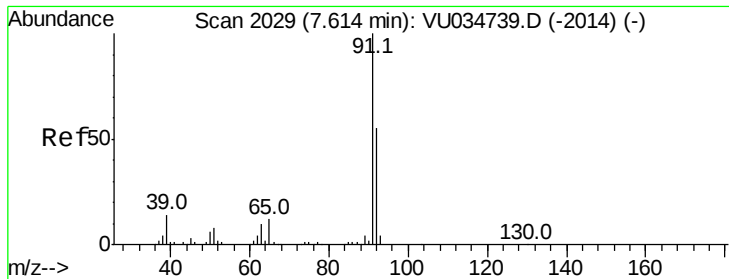
2000

0

Time-->

5.30 5.35 5.40 5.45





#42

Toluene

Concen: 3.329 ug/L

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU034741.D

Acq: 23 Sep 2019 18:34

Instrument :

MSVOA_U

ClientSampleId :

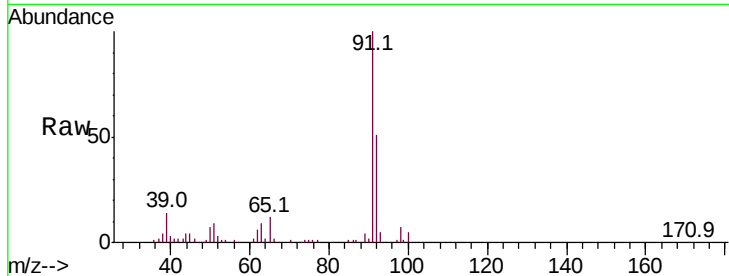
C0AT7

Tot Ion: 91 Resp: 58800

Ion Ratio Lower Upper

91 100

92 51.4 38.2 71.0



Abundance Ion 91.00 (90.70 to 91.70): VU034739.D (-2014) (-)

Ion 92.00 (91.70 to 92.70): VU034739.D (-2014) (-)

7.62

30000

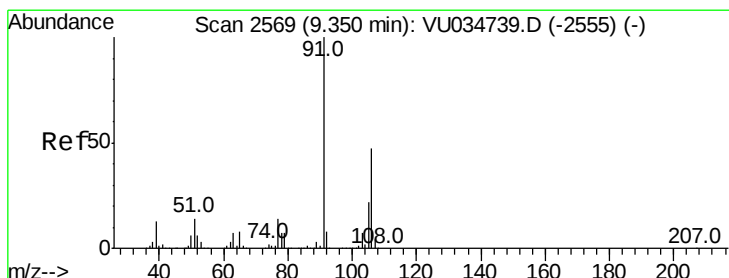
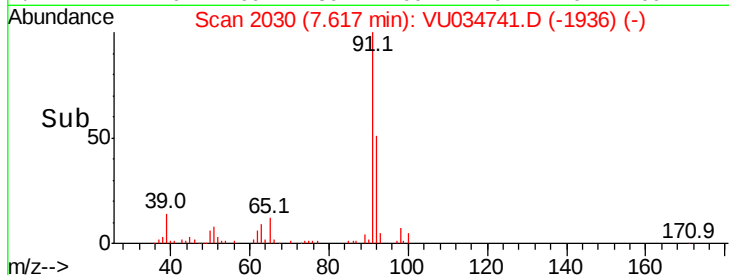
20000

10000

0

Time-->

7.55 7.60 7.65 7.70



#53

m,p-Xylene

Concen: 1.221 ug/L

RT: 9.36 min Scan# 2571

Delta R.T. 0.01 min

Lab File: VU034741.D

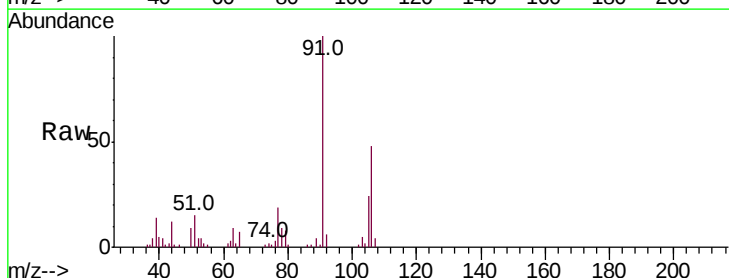
Acq: 23 Sep 2019 18:34

Tgt Ion:106 Resp: 8602

Ion Ratio Lower Upper

106 100

91 208.5 146.9 272.7



Abundance Ion 106.00 (105.70 to 106.70): VU034739.D (-2555) (-)

Ion 91.00 (90.70 to 91.70): VU034739.D (-2555) (-)

12000

10000

8000

6000

4000

2000

0

Time-->

9.30 9.35 9.40

