

Data File : VU031894.D
Acq On : 10 May 2019 17:33
Operator : JC/SP
Sample : K2705-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B47

Quant Time: May 11 02:48:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 02:45:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1037902	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1004345	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	406500	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	384366	44.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.50%
7) Chloroethane-d5	1.60	69	204	0.03	ug/L	-0.06
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.06%#
11) 1,1-Dichloroethene-d2	2.39	63	364	0.02	ug/L	0.12
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.04%#
21) 2-Butanone-d5	4.17	46	658002	83.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.61%
24) Chloroform-d	4.84	84	345	0.02	ug/L	0.19
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.04%#
26) 1,2-Dichloroethane-d4	5.31	65	472435	45.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.90%
32) Benzene-d6	5.33	84	1460211	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.70%
36) 1,2-Dichloropropane-d6	6.32	67	491521	45.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.60%
41) Toluene-d8	7.56	98	1241708	46.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.46%
43) trans-1,3-Dichloropropene-	7.85	79	202731	43.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.06%
47) 2-Hexanone-d5	8.31	63	448391	95.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.47%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	678537	46.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	431842	50.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.02%

Target Compounds

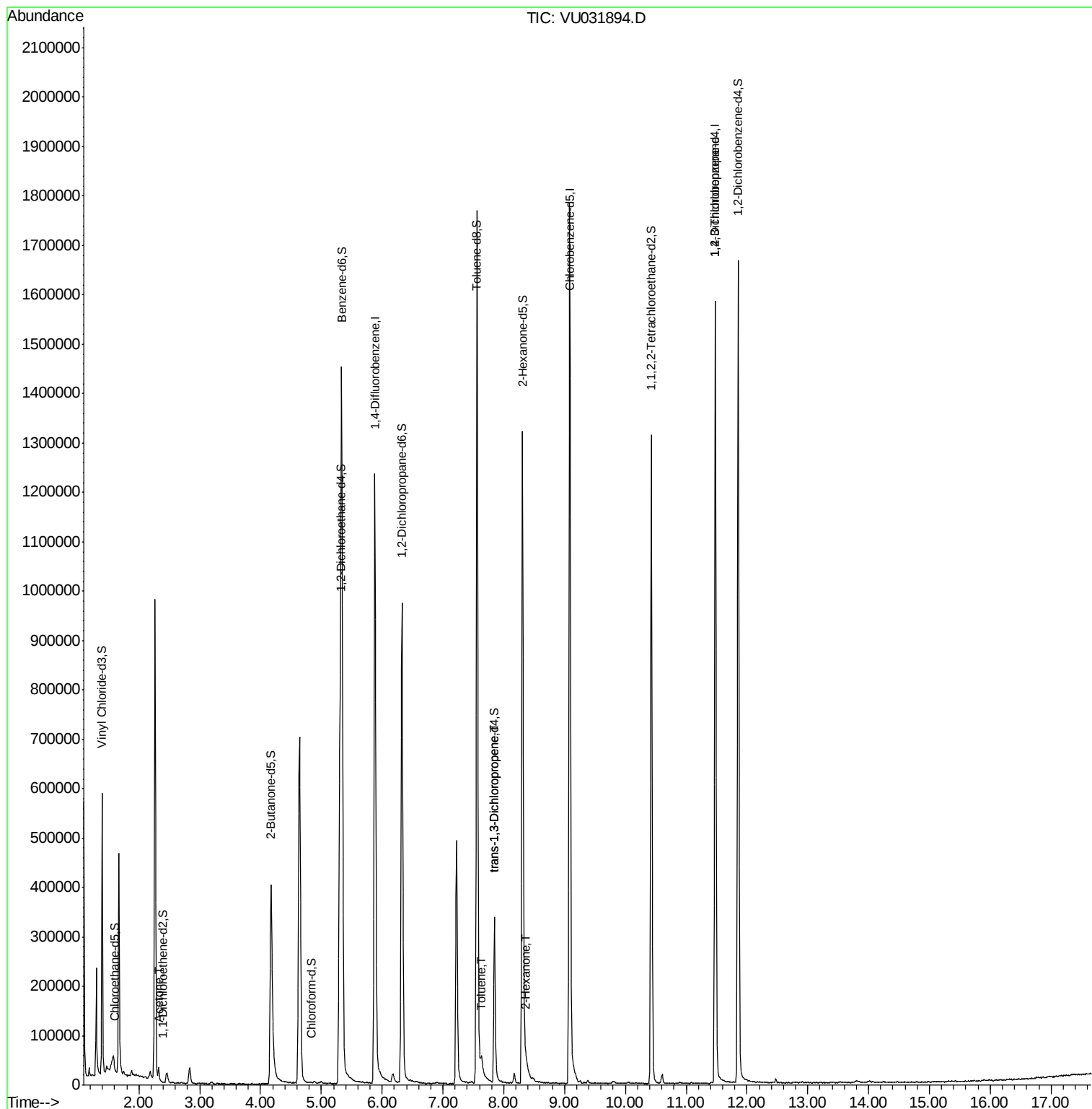
					Qvalue
13) Acetone	2.32	43	20449	2.307 ug/L	99
42) Toluene	7.64	91	22170	0.603 ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	8254	0.657 ug/L	97
48) 2-Hexanone	8.37	43	31672	2.428 ug/L #	48
59) 1,2,3-Trichloropropane	11.48	75	56172	4.520 ug/L	99

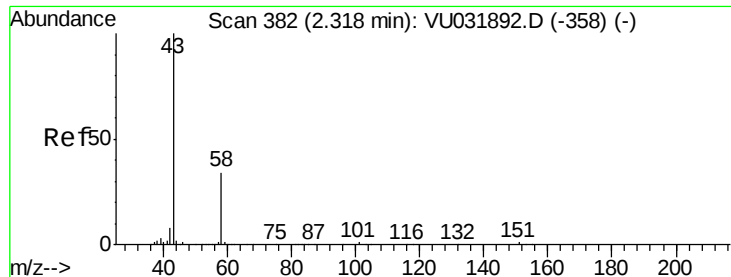
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.307 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.01 min

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Acq: 10 May 2019 17:33

Instrument :

MSVOA_U

ClientSampleId :

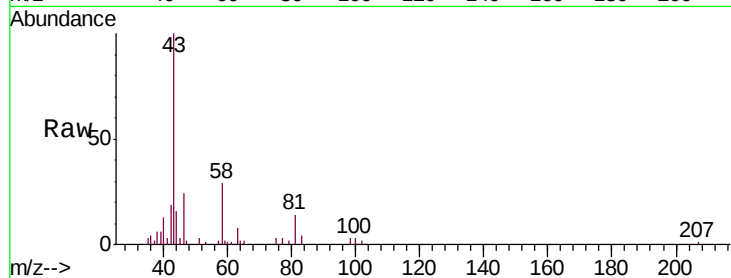
C0B47

Tgt Ion: 43 Resp: 20449

Ion Ratio Lower Upper

43 100

58 32.8 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU031892.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU031892.D (-358) (-)

2.32

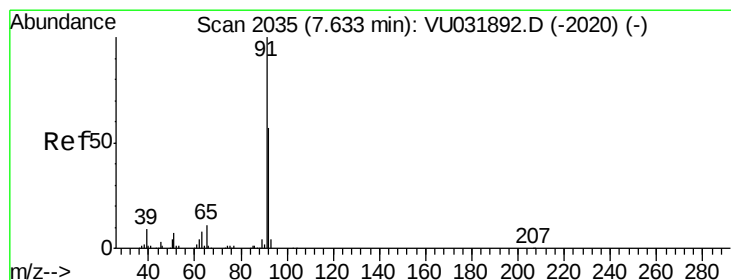
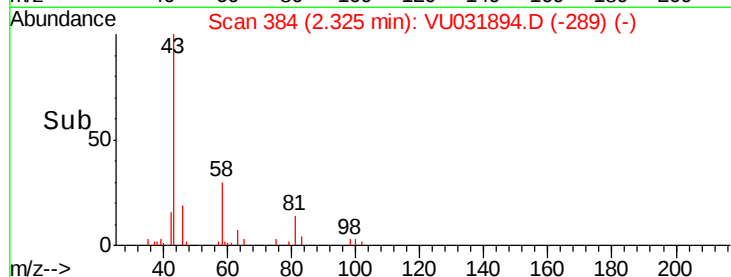
15000

10000

5000

0

Time--> 2.25 2.30 2.35



#42

Toluene

Concen: 0.603 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU031894.D

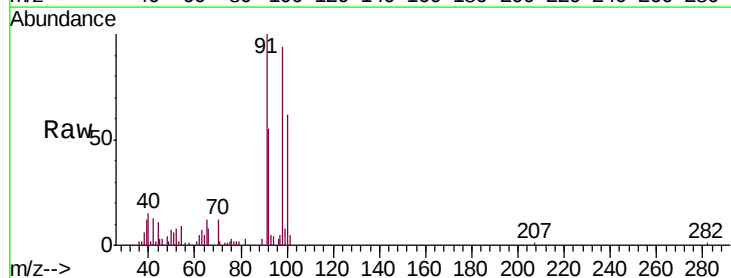
Acq: 10 May 2019 17:33

Tgt Ion: 91 Resp: 22170

Ion Ratio Lower Upper

91 100

92 54.9 39.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VU031892.D (-2020) (-)

Ion 92.00 (91.70 to 92.70): VU031892.D (-2020) (-)

7.64

12000

10000

8000

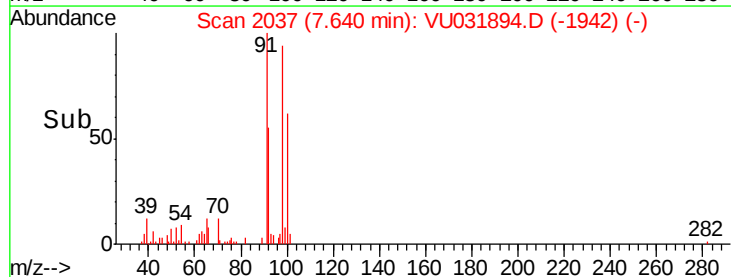
6000

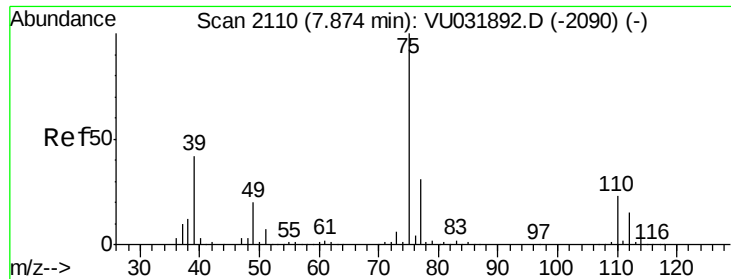
4000

2000

0

Time--> 7.55 7.60 7.65 7.70

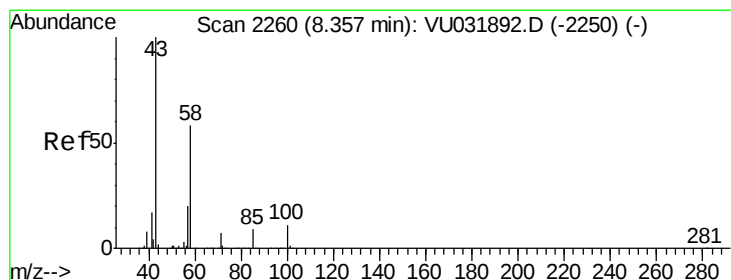
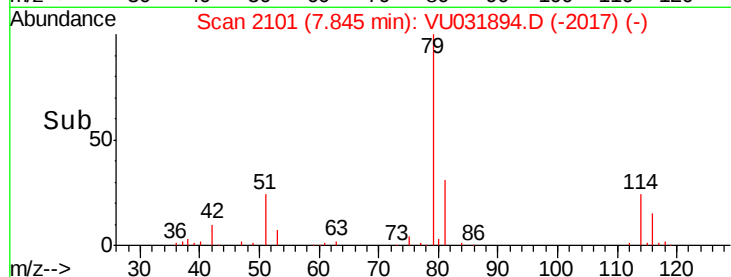
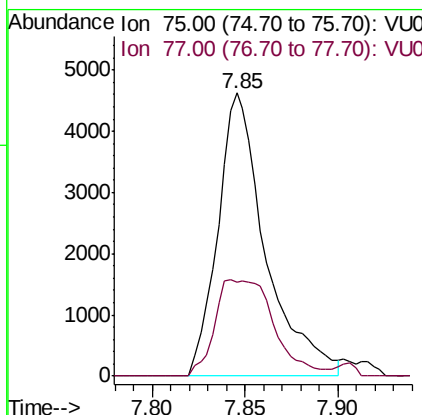
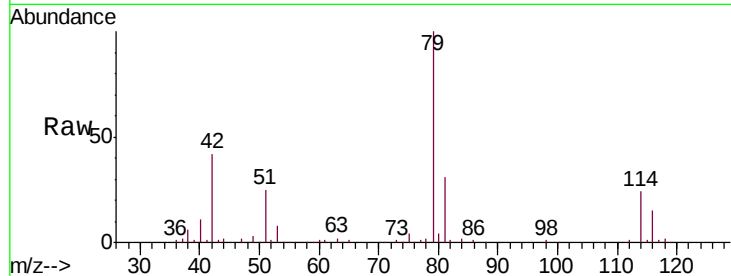




#44
trans-1,3-Dichloropropene
Concen: 0.657 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
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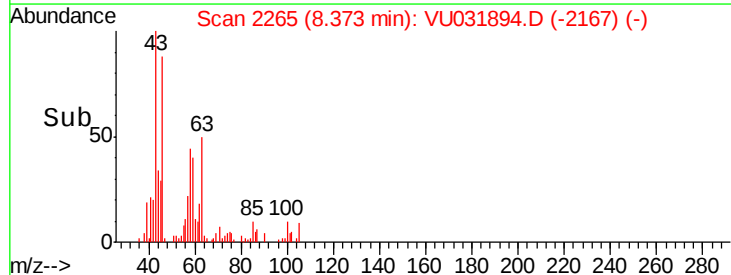
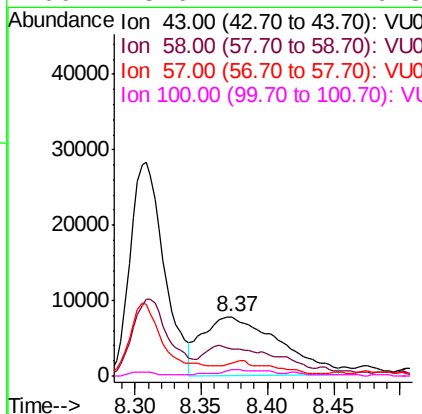
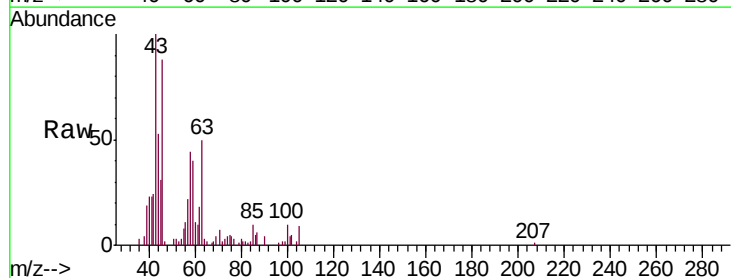
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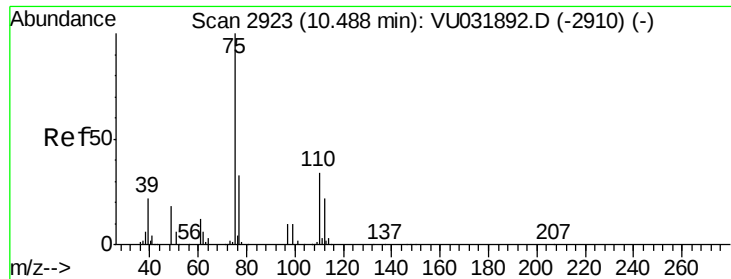
Tgt Ion: 75 Resp: 8254
Ion Ratio Lower Upper
75 100
77 33.3 22.1 41.1



#48
2-Hexanone
Concen: 2.428 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.02 min
Lab File: VU031894.D
Acq: 10 May 2019 17:33

Tgt Ion: 43 Resp: 31672
Ion Ratio Lower Upper
43 100
58 7.8 42.1 63.1#
57 1.9 14.6 22.0#
100 3.6 7.2 10.8#





#59

1,2,3-Trichloropropane

Concen: 4.520 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031894.D

Acq: 10 May 2019 17:33

Instrument :

MSVOA_U

ClientSampleId :

C0B47

Tgt Ion: 75 Resp: 56172

Ion Ratio Lower Upper

75 100

77 33.0 25.9 38.9

