

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032219\
 Data File : VU030301.D
 Acq On : 22 Mar 2019 12:27
 Operator : JC/SP
 Sample : K2022-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0995

Quant Time: Mar 23 02:36:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 02:31:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	527514	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	507297	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	229809	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	153210	42.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.90%
7) Chloroethane-d5	1.68	69	130768	45.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.70%
11) 1,1-Dichloroethene-d2	2.27	63	214367	32.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.88%
21) 2-Butanone-d5	4.17	46	255108	96.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.40%
24) Chloroform-d	4.65	84	295032	45.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.14%
26) 1,2-Dichloroethane-d4	5.31	65	174406	46.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.42%
32) Benzene-d6	5.34	84	637168	47.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.32%
36) 1,2-Dichloropropane-d6	6.33	67	202565	48.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.94%
41) Toluene-d8	7.56	98	561077	44.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.28%
43) trans-1,3-Dichloropropene-	7.85	79	91944	45.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.30%
47) 2-Hexanone-d5	8.31	63	204374	95.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	303391	47.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	227865	49.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.78%

Target Compounds

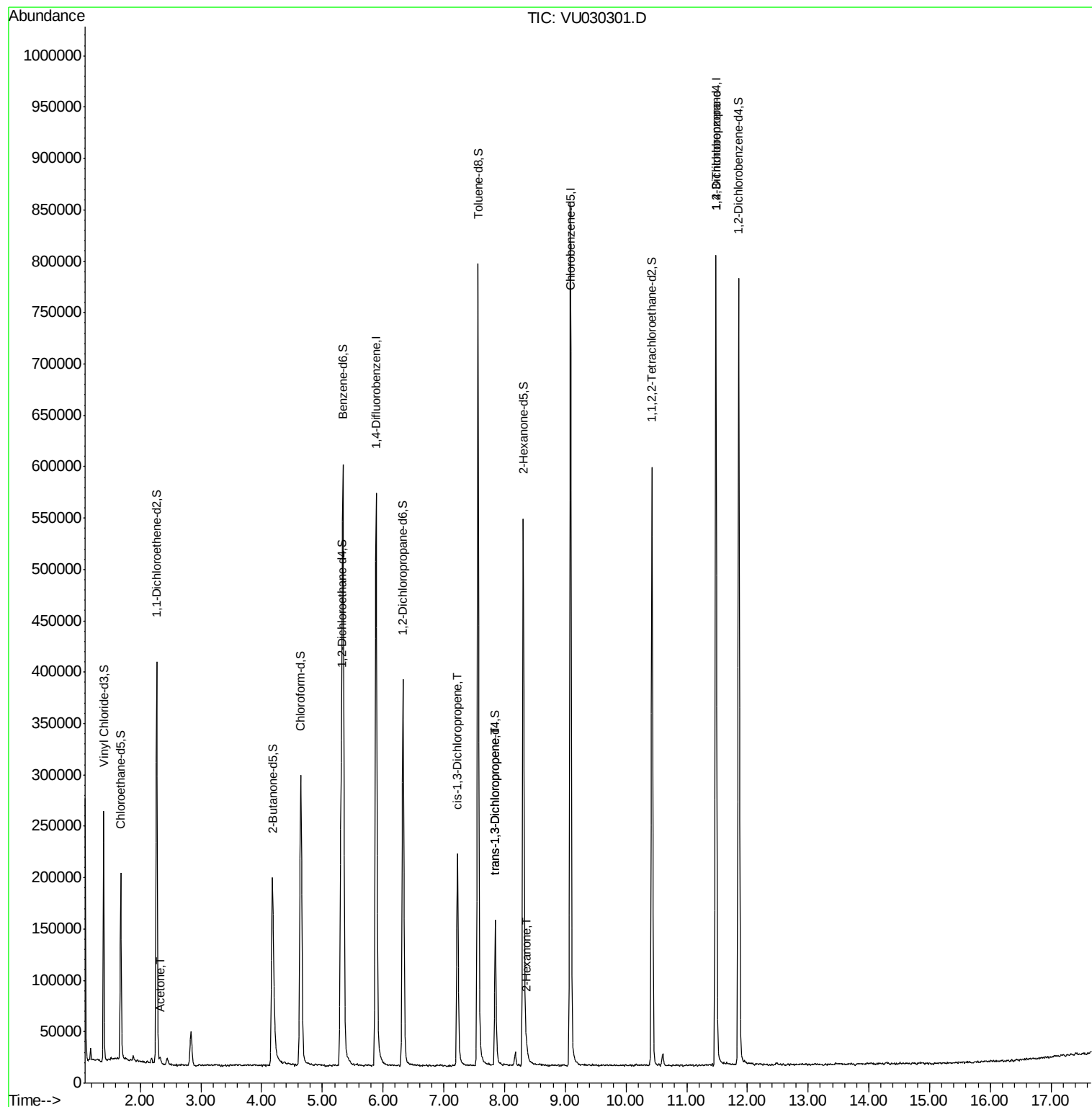
					Qvalue
13) Acetone	2.32	43	3134	1.133 ug/L	95
39) cis-1,3-Dichloropropene	7.22	75	4340	0.722 ug/L #	39
44) trans-1,3-Dichloropropene	7.85	75	3271	0.629 ug/L	84
48) 2-Hexanone	8.37	43	5006	1.171 ug/L #	42
59) 1,2,3-Trichloropropane	11.48	75	24728	4.881 ug/L	95

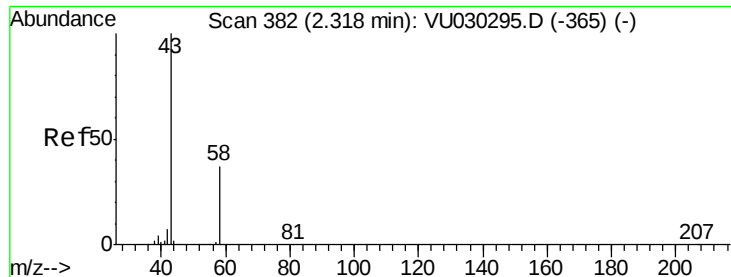
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 23 02:31:55 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.133 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030301.D

Acq: 22 Mar 2019 12:27

Instrument :

MSVOA_U

ClientSampleId :

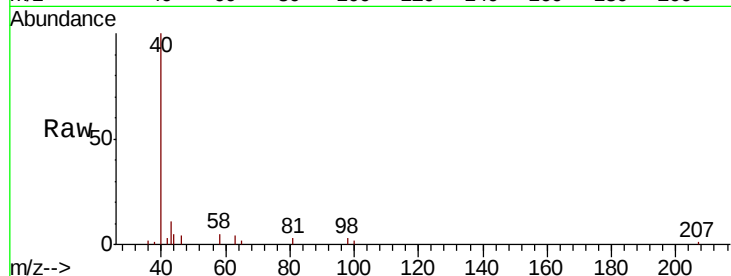
C0995

Tgt Ion: 43 Resp: 3134

Ion Ratio Lower Upper

43 100

58 39.5 0.0 73.4



Abundance Ion 43.00 (42.70 to 43.70): VU030295.D (-365) (-)

Ion 58.00 (57.70 to 58.70): VU030295.D (-365) (-)

2.32

1500

1000

500

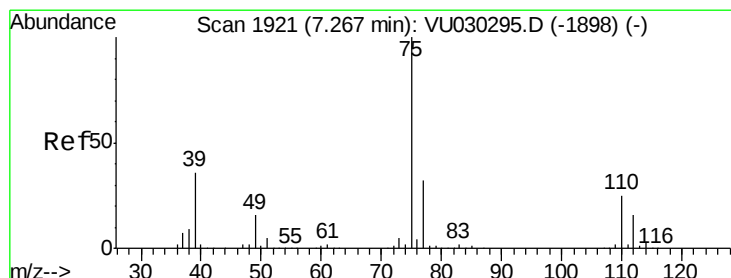
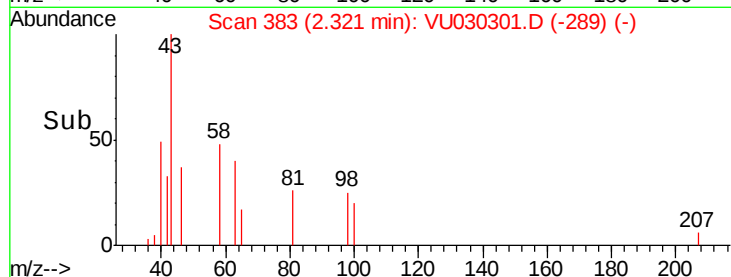
200

0

2.30

2.35

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.722 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU030301.D

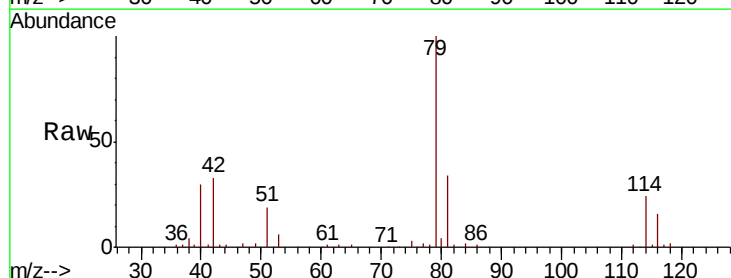
Acq: 22 Mar 2019 12:27

Tgt Ion: 75 Resp: 4340

Ion Ratio Lower Upper

75 100

77 65.3 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU030295.D (-1898) (-)

Ion 77.00 (76.70 to 77.70): VU030295.D (-1898) (-)

7.22

2500

2000

1500

1000

500

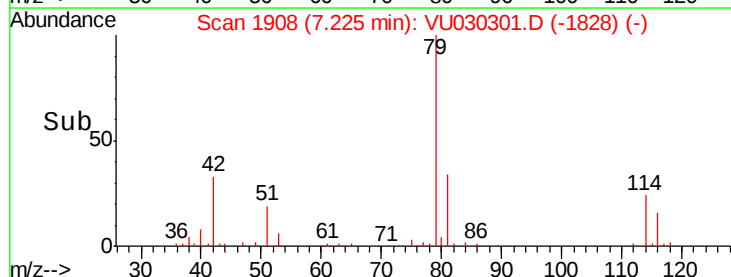
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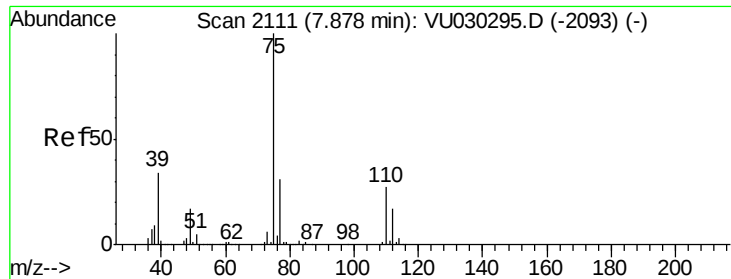
0

7.20

7.25

Time-->

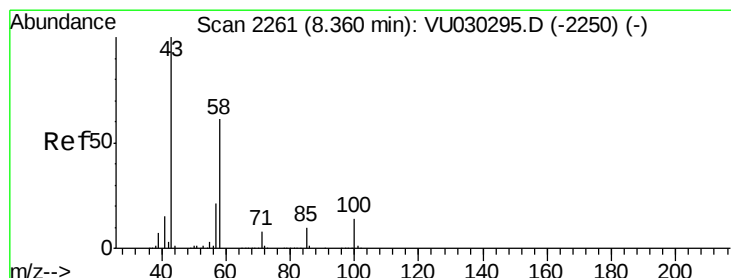
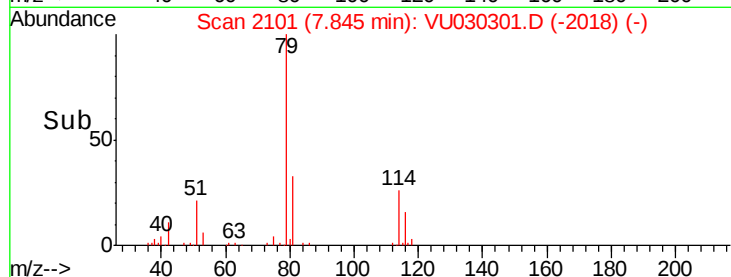
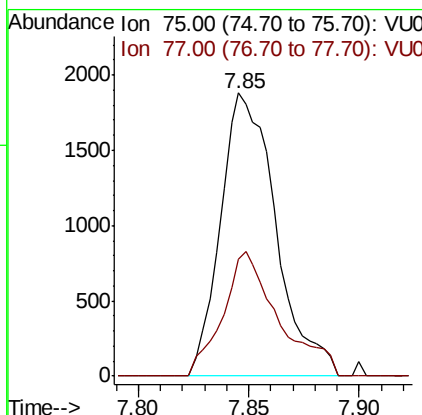
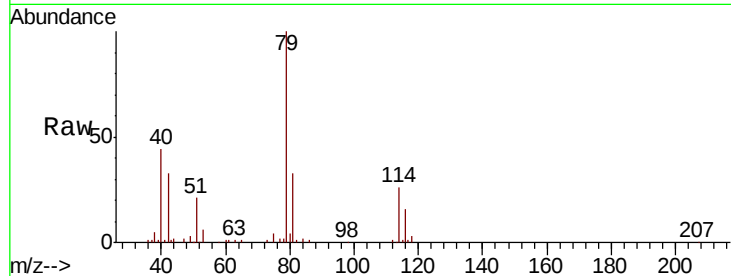




#44
trans-1,3-Dichloropropene
Concen: 0.629 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030301.D
Acq: 22 Mar 2019 12:27

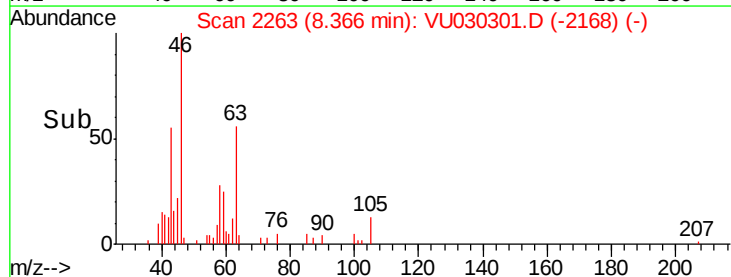
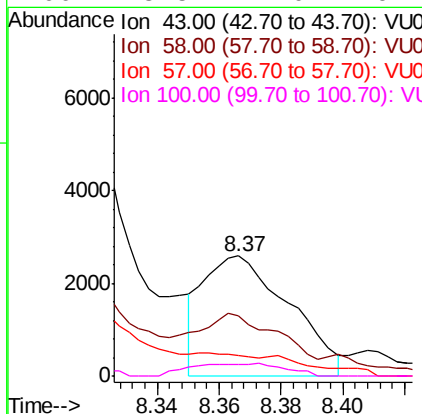
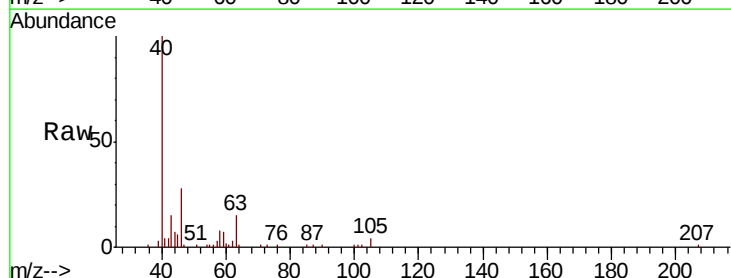
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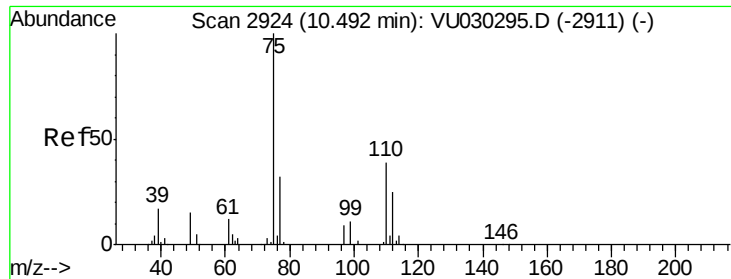
Tgt Ion: 75 Resp: 3271
Ion Ratio Lower Upper
75 100
77 41.4 22.7 42.1



#48
2-Hexanone
Concen: 1.171 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030301.D
Acq: 22 Mar 2019 12:27

Tgt Ion: 43 Resp: 5006
Ion Ratio Lower Upper
43 100
58 6.9 49.3 73.9#
57 0.0 17.0 25.4#
100 5.5 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 4.881 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030301.D

Acq: 22 Mar 2019 12:27

Instrument :

MSVOA_U

ClientSampleId :

C0995

Tgt Ion: 75 Resp: 24728

Ion Ratio Lower Upper

75 100

77 35.0 25.8 38.8

