

Data File : VU031534.D
Acq On : 26 Apr 2019 15:43
Operator : JC/SP
Sample : K2596-11RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFHH8

Quant Time: Apr 27 00:24:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:11:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	857078	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	824283	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	371686	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	378929	52.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.66%
7) Chloroethane-d5	1.68	69	290456	52.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.27	63	532276	37.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.52%
21) 2-Butanone-d5	4.18	46	624112	96.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.03%
24) Chloroform-d	4.64	84	592361	45.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.18%
26) 1,2-Dichloroethane-d4	5.31	65	388482	45.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.52%
32) Benzene-d6	5.34	84	1264210	49.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.90%
36) 1,2-Dichloropropane-d6	6.33	67	431727	48.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.96%
41) Toluene-d8	7.56	98	1108567	50.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.56%
43) trans-1,3-Dichloropropene-	7.85	79	186922	48.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.80%
47) 2-Hexanone-d5	8.31	63	435866	113.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	547751	45.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.66%
64) 1,2-Dichlorobenzene-d4	11.85	152	391500	50.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.18%

Target Compounds

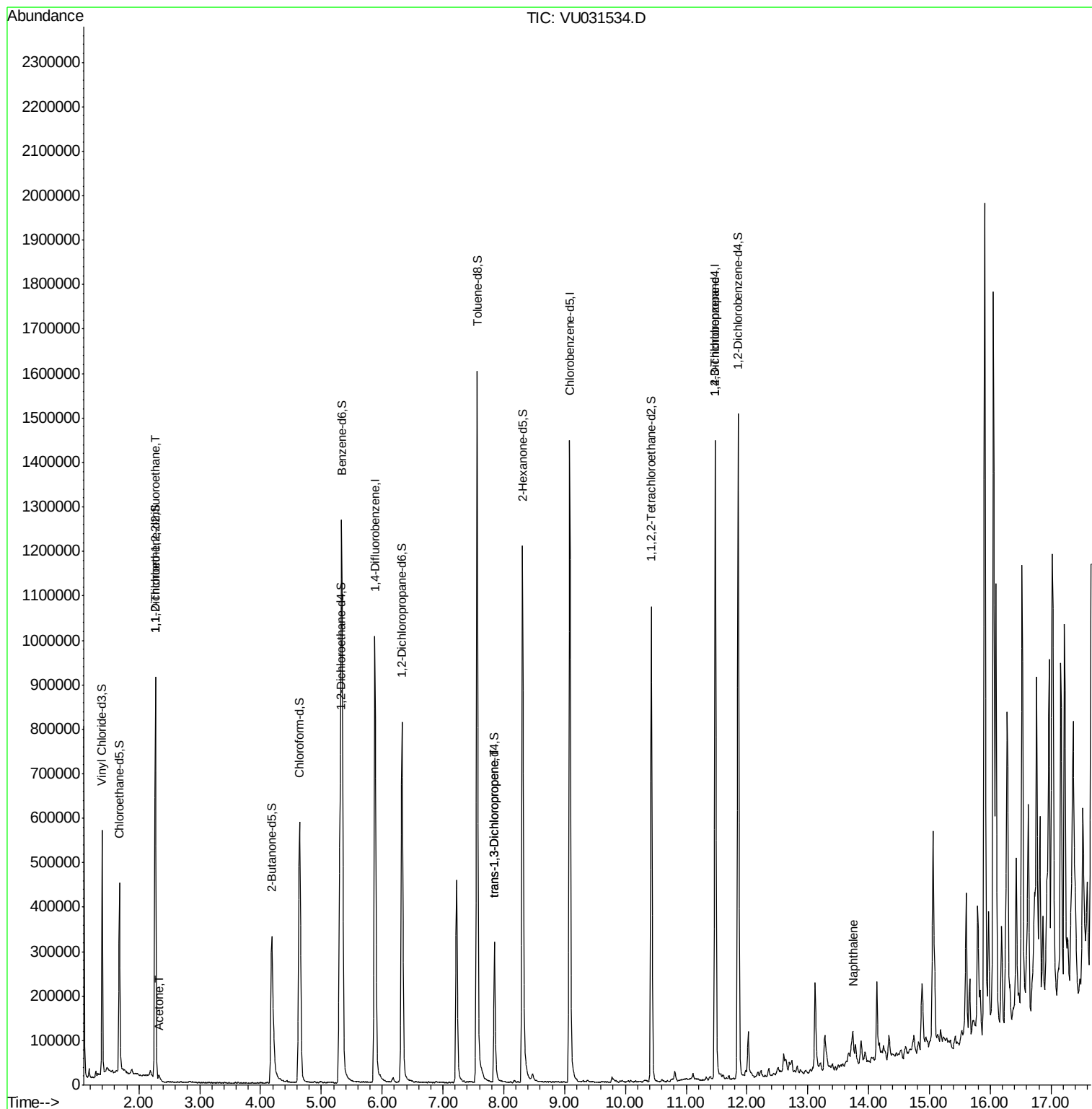
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	5245	0.763 ug/L	# 22
13) Acetone	2.34	43	7001	0.956 ug/L	94
44) trans-1,3-Dichloropropene	7.85	75	7002	0.679 ug/L	90
59) 1,2,3-Trichloropropane	11.48	75	47985	4.704 ug/L	94
69) Naphthalene	13.75	128	57135	2.297 ug/L	97

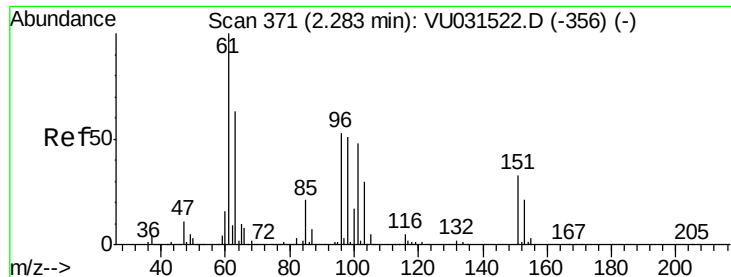
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.763 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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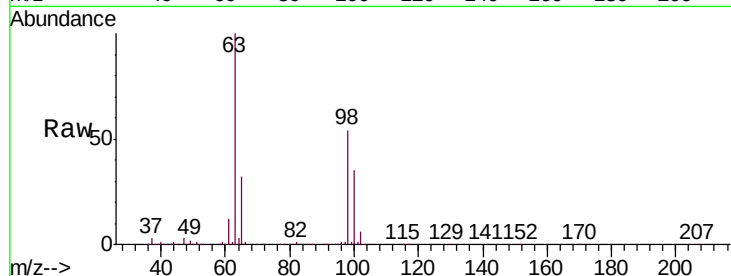
Tgt Ion: 101 Resp: 5245

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

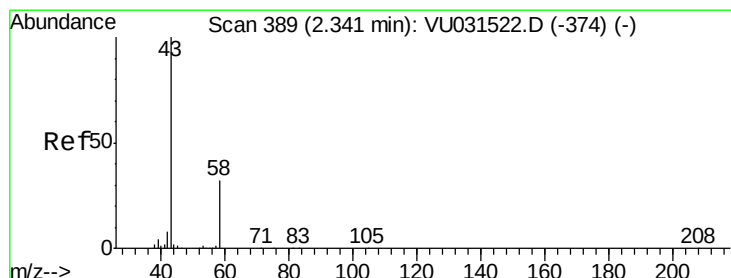
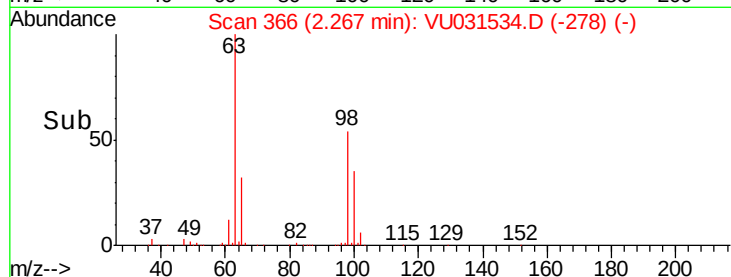
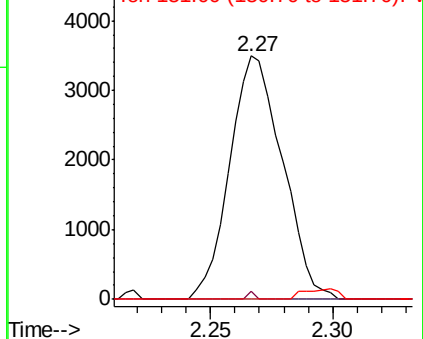
151 1.9 56.1 84.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 0.956 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.00 min

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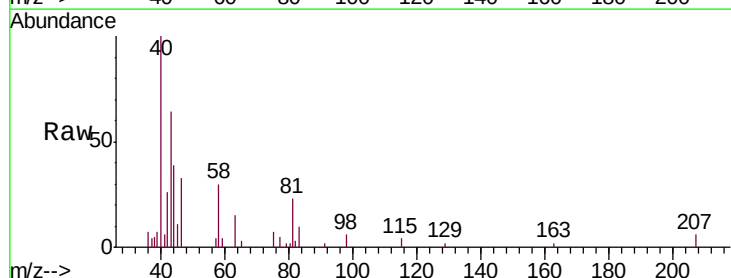
Acq: 26 Apr 2019 15:43

Tgt Ion: 43 Resp: 7001

Ion Ratio Lower Upper

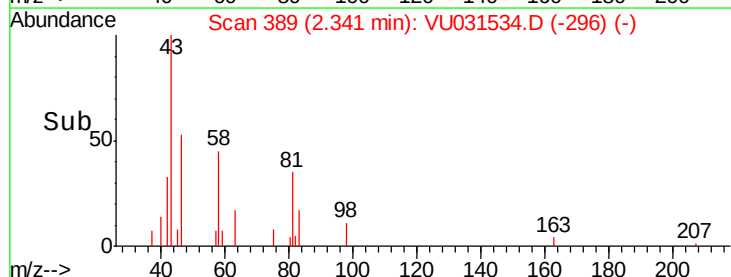
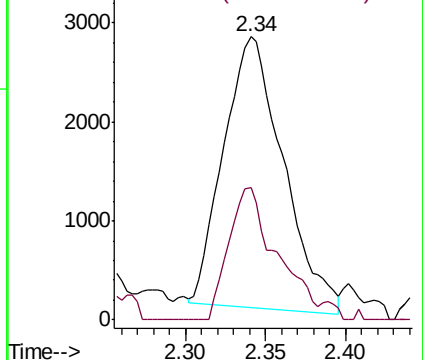
43 100

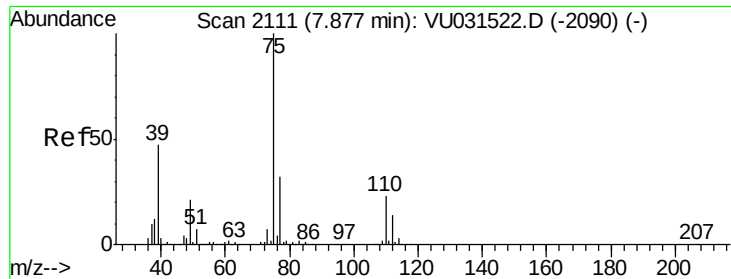
58 28.6 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.679 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

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ClientSampleId :

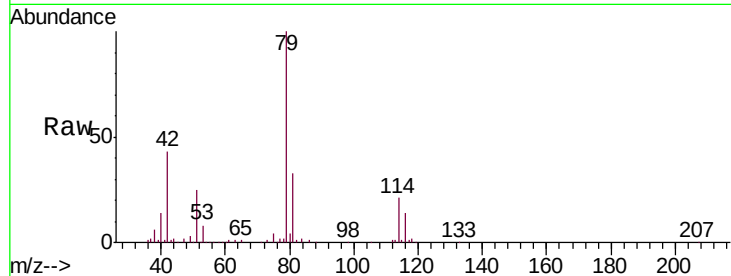
BFHH8

Tgt Ion: 75 Resp: 7002

Ion Ratio Lower Upper

75 100

77 37.4 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU031522.D (-2090) (-)

Ion 77.00 (76.70 to 77.70): VU031522.D (-2090) (-)

7.85

4000

3000

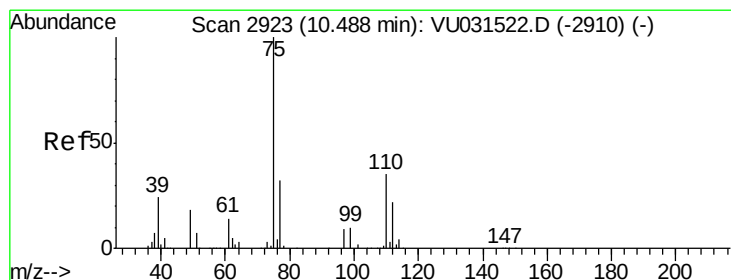
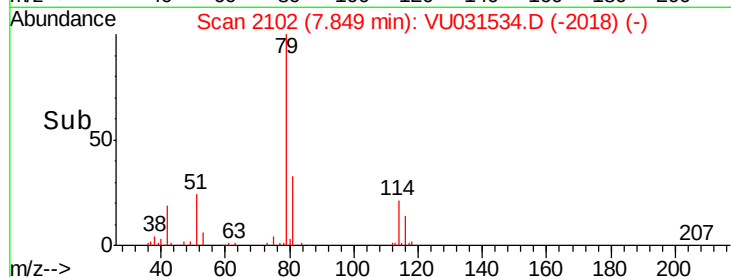
2000

1000

0

7.80 7.85 7.90

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.704 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031534.D

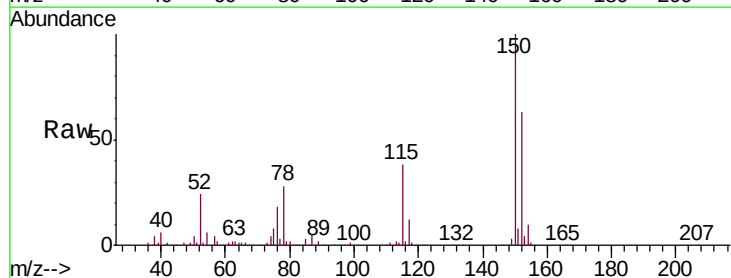
Acq: 26 Apr 2019 15:43

Tgt Ion: 75 Resp: 47985

Ion Ratio Lower Upper

75 100

77 35.5 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU031522.D (-2910) (-)

Ion 77.00 (76.70 to 77.70): VU031522.D (-2910) (-)

11.48

30000

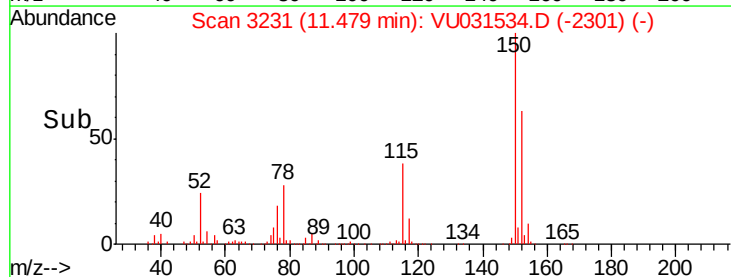
20000

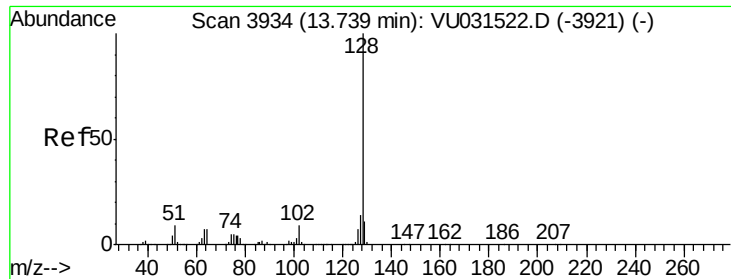
10000

0

11.40 11.45 11.50 11.55

Time-->





#69

Naphthalene

Concen: 2.297 ug/L

RT: 13.75 min Scan# 3936

Delta R.T. 0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

BFHH8

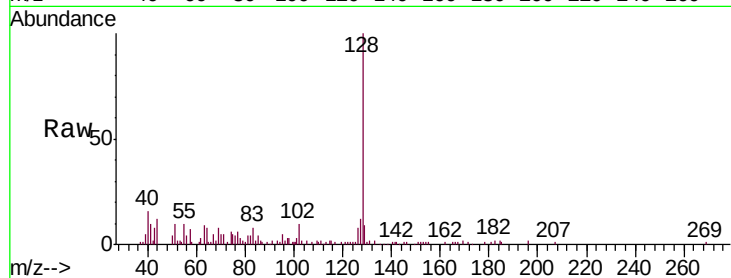
Tgt Ion:128 Resp: 57135

Ion Ratio Lower Upper

128 100

127 11.7 10.6 15.8

129 10.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

