

Data File : VU032013.D
Acq On : 14 May 2019 22:33
Operator : JC/SP
Sample : K2738-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: May 15 04:33:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 04:26:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1116556	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1106550	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	440884	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	425278	43.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.80%
7) Chloroethane-d5	1.67	69	356922	44.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.98%
11) 1,1-Dichloroethene-d2	2.27	63	593989	33.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.64%
21) 2-Butanone-d5	4.17	46	623040	90.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.81%
24) Chloroform-d	4.64	84	719661	43.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.76%
26) 1,2-Dichloroethane-d4	5.31	65	477575	46.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.46%
32) Benzene-d6	5.34	84	1564590	48.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.68%
36) 1,2-Dichloropropane-d6	6.32	67	515704	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.58%
41) Toluene-d8	7.56	98	1367034	47.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.26%
43) trans-1,3-Dichloropropene-	7.85	79	206441	44.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.54%
47) 2-Hexanone-d5	8.31	63	399241	93.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.15%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	682627	43.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.28%
64) 1,2-Dichlorobenzene-d4	11.85	152	468112	50.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.92%

Target Compounds

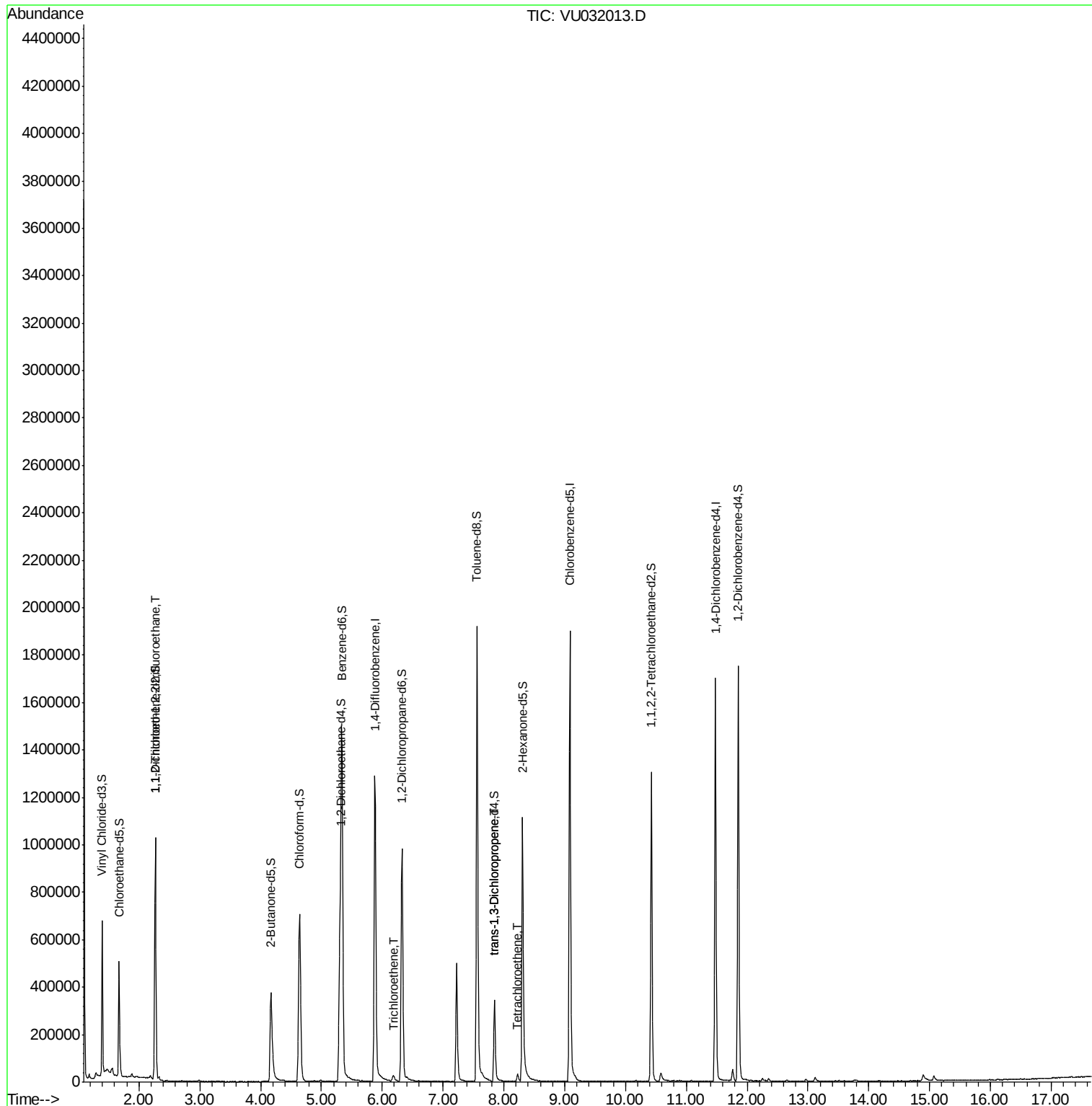
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	5629	0.677 ug/L #	22
34) Trichloroethene	6.19	95	4386	0.489 ug/L	91
44) trans-1,3-Dichloropropene	7.85	75	7880	0.649 ug/L	94
46) Tetrachloroethene	8.23	164	8062	1.272 ug/L	82

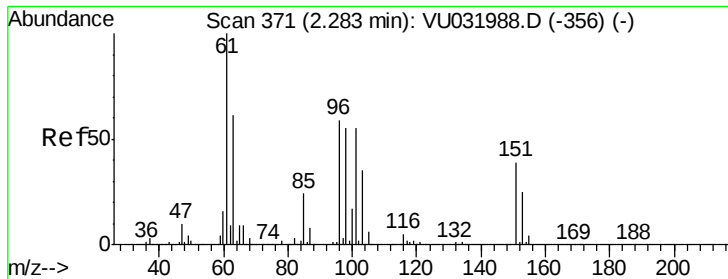
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.677 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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MSVOA_U

ClientSampleId :

VHBLK01

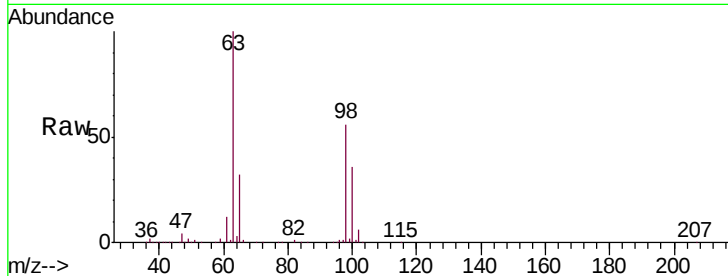
Tgt Ion: 101 Resp: 5629

Ion Ratio Lower Upper

101 100

85 0.8 34.1 51.1#

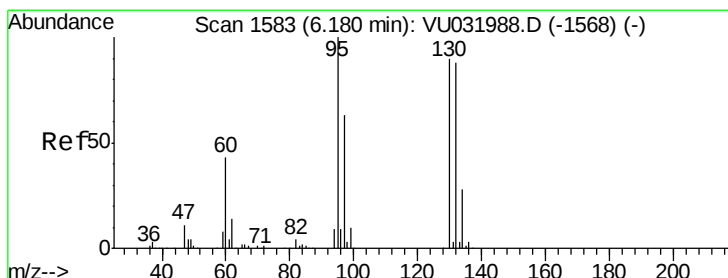
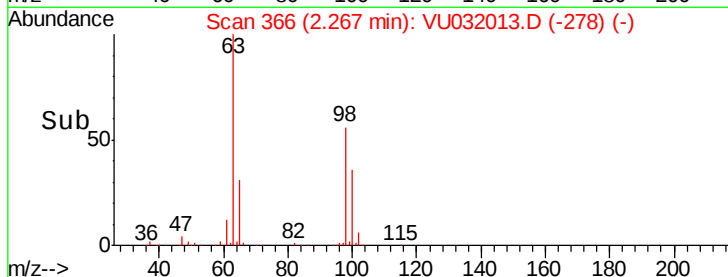
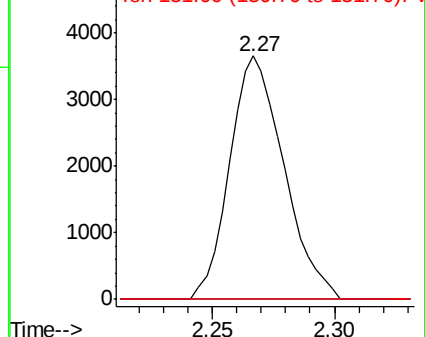
151 0.0 55.8 83.8#



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



#34

Trichloroethene

Concen: 0.489 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU032013.D

Acq: 14 May 2019 22:33

Tgt Ion: 95 Resp: 4386

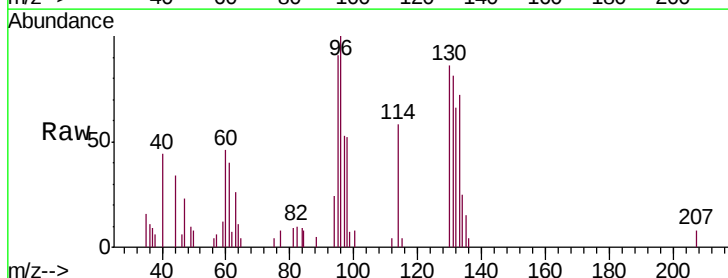
Ion Ratio Lower Upper

95 100

97 58.0 44.9 83.3

132 72.7 63.5 117.9

130 94.7 66.2 123.0

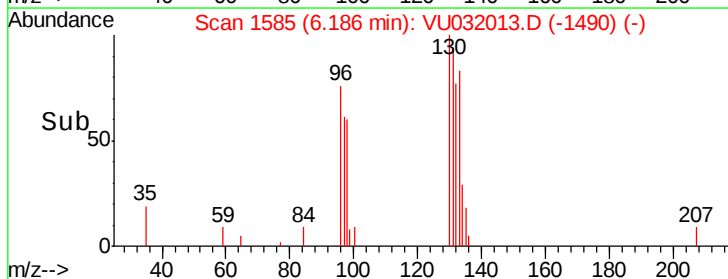
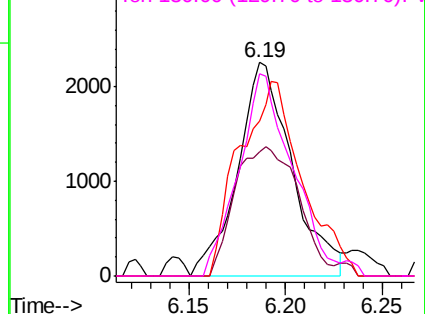


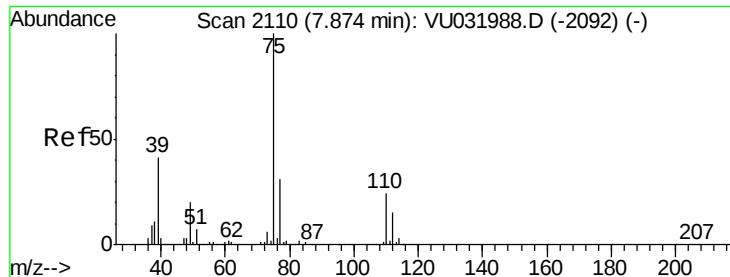
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#44

trans-1,3-Dichloropropene

Concen: 0.649 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

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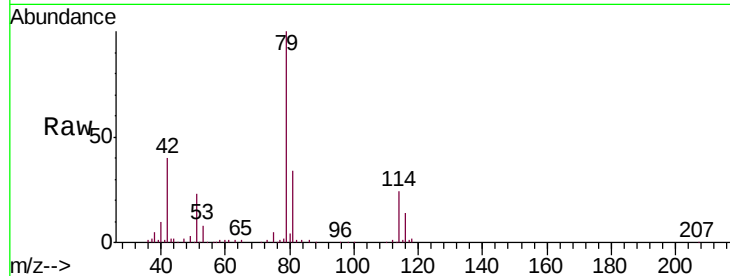
VHBLK01

Tgt Ion: 75 Resp: 7880

Ion Ratio Lower Upper

75 100

77 28.6 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VU031988.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU031988.D (-2092) (-)

7.85

6000

5000

4000

3000

2000

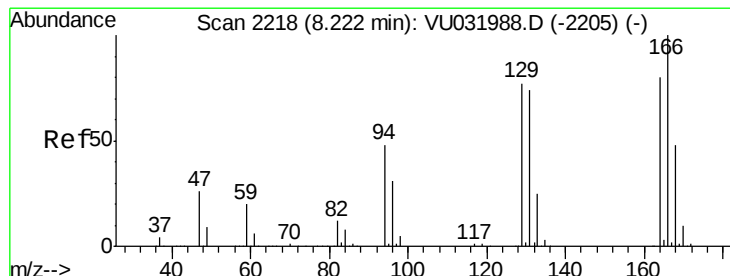
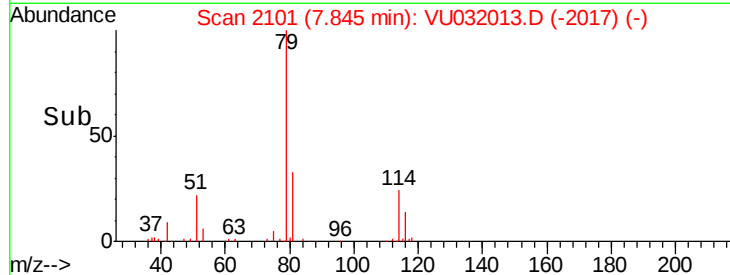
1000

0

7.80

7.85

Time-->



#46

Tetrachloroethene

Concen: 1.272 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

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Acq: 14 May 2019 22:33

Tgt Ion: 164 Resp: 8062

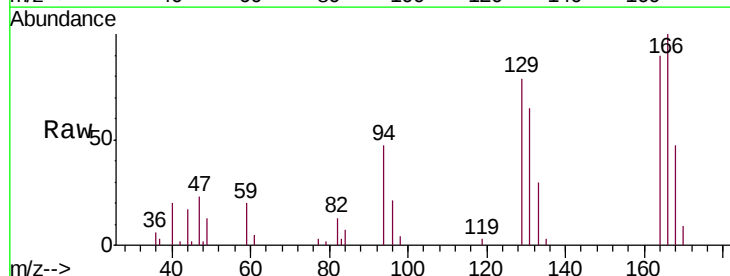
Ion Ratio Lower Upper

164 100

129 87.3 70.9 131.7

131 72.5 67.4 125.2

166 110.9 90.2 167.4



Abundance Ion 164.00 (163.70 to 164.70): VU031988.D (-2205) (-)

Ion 129.00 (128.70 to 129.70): VU031988.D (-2205) (-)

Ion 131.00 (130.70 to 131.70): VU031988.D (-2205) (-)

Ion 166.00 (165.70 to 166.70): VU031988.D (-2205) (-)

8.23

8000

6000

4000

2000

0

8.20

8.25

Time-->

