

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060819\
 Data File : VU032548.D
 Acq On : 08 Jun 2019 17:25
 Operator : JC/SP
 Sample : K3276-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8F0

Quant Time: Jun 08 23:49:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 08 23:12:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	213718	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	200468	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	99825	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	73604	53.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.16%
7) Chloroethane-d5	1.68	69	58006	52.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.12%
11) 1,1-Dichloroethene-d2	2.27	63	105921	39.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.04%
21) 2-Butanone-d5	4.17	46	117637	101.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.38%
24) Chloroform-d	4.64	84	128327	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.24%
26) 1,2-Dichloroethane-d4	5.30	65	84917	52.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.26%
32) Benzene-d6	5.33	84	271442	52.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.32%
36) 1,2-Dichloropropane-d6	6.32	67	84531	51.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.60%
41) Toluene-d8	7.56	98	250462	50.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.52%
43) trans-1,3-Dichloropropene-	7.85	79	39845	51.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.04%
47) 2-Hexanone-d5	8.31	63	75595	95.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.50%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	116426	49.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.48%
64) 1,2-Dichlorobenzene-d4	11.85	152	100761	52.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.40%

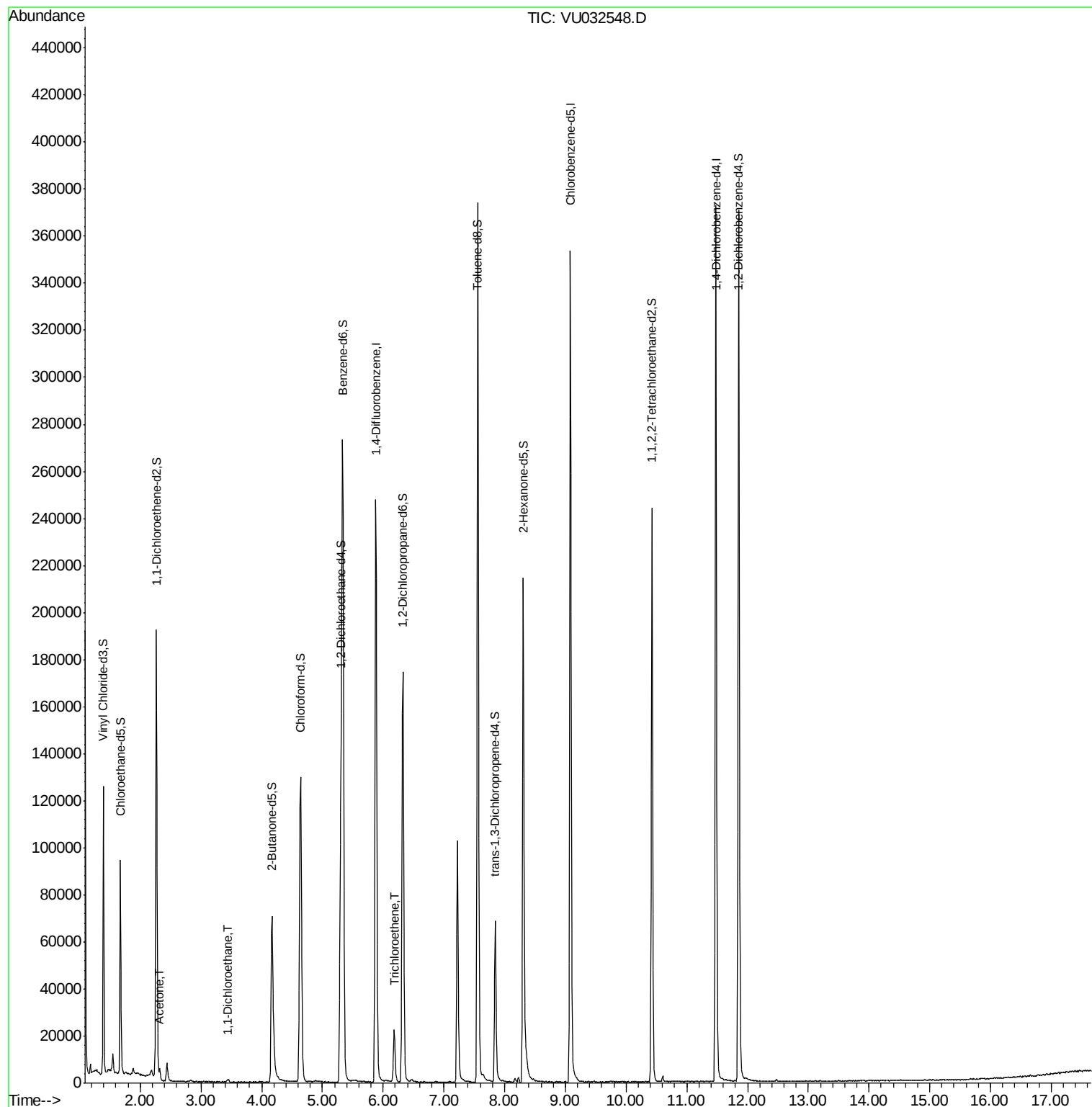
Target Compounds					Ovalue
13) Acetone	2.32	43	4476	3.738 ug/L	91
19) 1,1-Dichloroethane	3.44	63	1525	0.609 ug/L	90
34) Trichloroethene	6.18	95	7237	4.723 ug/L	96

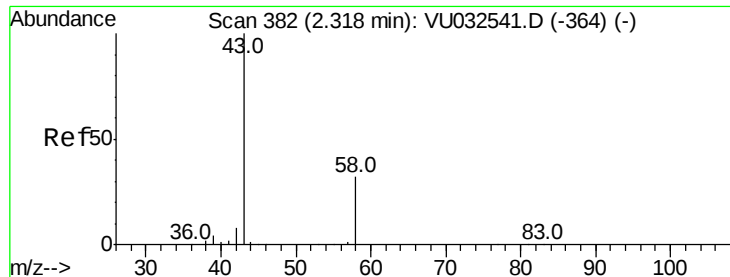
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.738 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032548.D

Acq: 08 Jun 2019 17:25

Instrument :

MSVOA_U

ClientSampled :

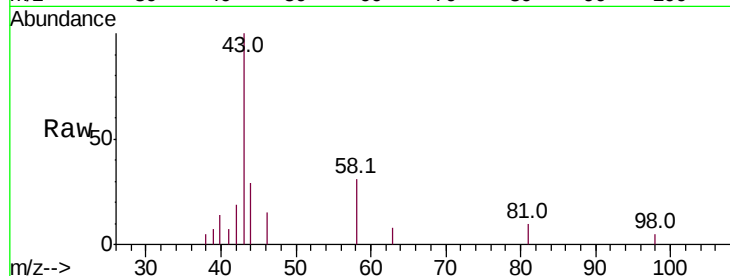
DB8F0

Tot Ion: 43 Resp: 4476

Ion Ratio Lower Upper

43 100

58 26.8 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032548.D (-289) (-)

Ion 58.00 (57.70 to 58.70): VU032548.D (-289) (-)

2500

2000

1500

1000

500

0

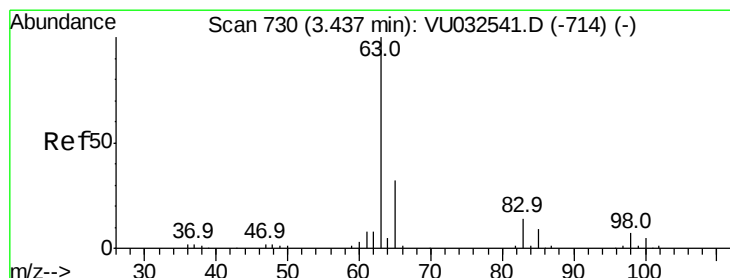
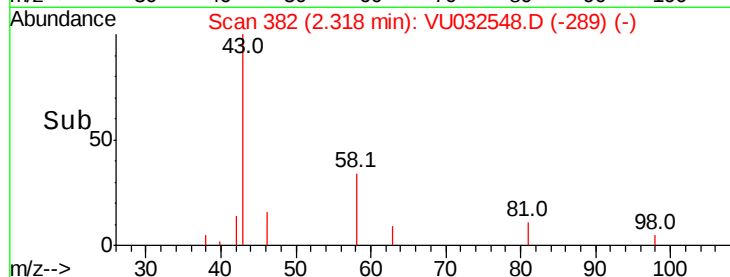
2.25

2.30

2.32

2.35

Time-->



#19

1,1-Dichloroethane

Concen: 0.609 ug/L

RT: 3.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU032548.D

Acq: 08 Jun 2019 17:25

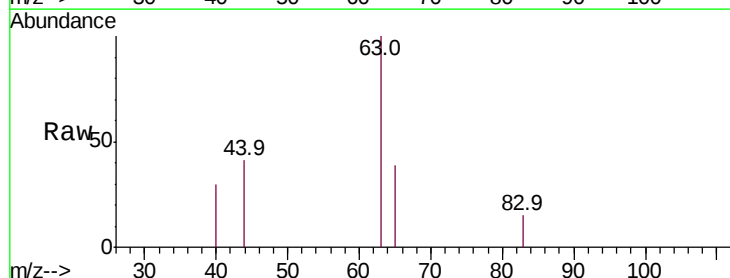
Tgt Ion: 63 Resp: 1525

Ion Ratio Lower Upper

63 100

65 39.1 21.8 40.6

83 14.7 9.8 18.2



Abundance Ion 63.00 (62.70 to 63.70): VU032548.D (-637) (-)

Ion 65.00 (64.70 to 65.70): VU032548.D (-637) (-)

Ion 83.00 (82.70 to 83.70): VU032548.D (-637) (-)

1000

800

600

400

200

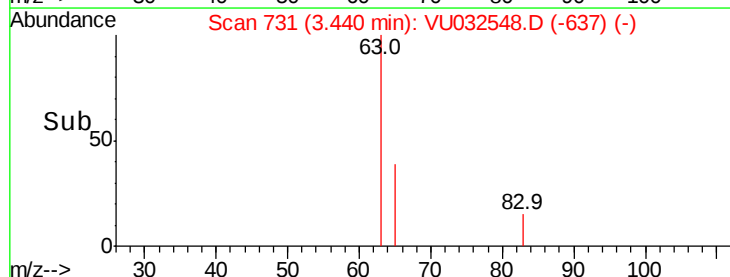
0

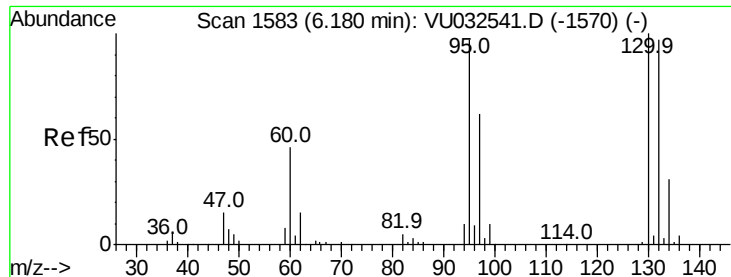
3.40

3.44

3.45

Time-->





#34

Trichloroethene

Concen: 4.723 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU032548.D

Acq: 08 Jun 2019 17:25

Instrument :

MSVOA_U

ClientSampleId :

DB8F0

Tot Ion: 95 Resp: 7237

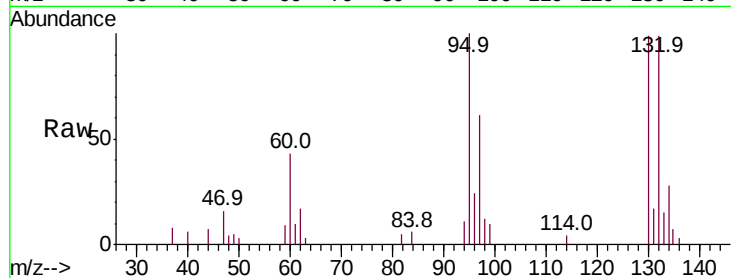
Ion Ratio Lower Upper

95 100

97 60.8 45.8 85.2

132 99.5 71.0 131.8

130 99.1 73.4 136.2



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

