

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061019\
 Data File : VU032592.D
 Acq On : 11 Jun 2019 01:46
 Operator : JC/SP
 Sample : K3278-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8D3

Quant Time: Jun 11 07:29:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 11 05:38:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	183968	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	171864	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	86187	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	58263	48.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.62%
7) Chloroethane-d5	1.68	69	48118	50.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.34%
11) 1,1-Dichloroethene-d2	2.27	63	87947	37.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.26%
21) 2-Butanone-d5	4.17	46	99732	99.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.85%
24) Chloroform-d	4.64	84	112847	50.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.38%
26) 1,2-Dichloroethane-d4	5.30	65	74219	52.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.86%
32) Benzene-d6	5.33	84	232052	52.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.02%
36) 1,2-Dichloropropane-d6	6.32	67	72280	51.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.32%
41) Toluene-d8	7.56	98	215092	50.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.68%
43) trans-1,3-Dichloropropene-	7.85	79	31440	46.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.92%
47) 2-Hexanone-d5	8.31	63	63282	93.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.25%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	102907	50.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.52%
64) 1,2-Dichlorobenzene-d4	11.85	152	87699	53.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.26%

Target Compounds

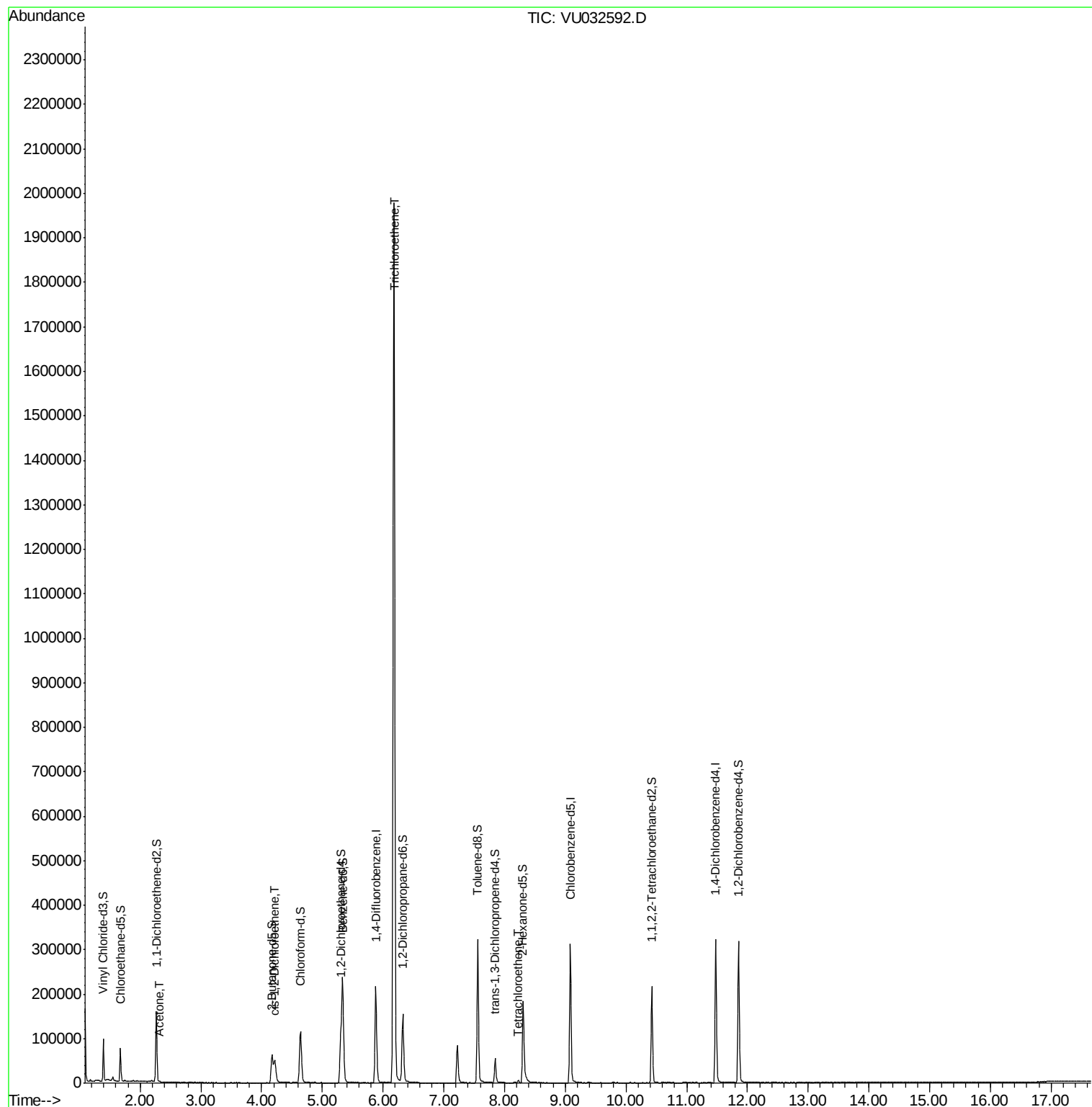
					Ovalue
13) Acetone	2.32	43	2640	2.562 ug/L	95
20) cis-1,2-Dichloroethene	4.22	96	24280	18.136 ug/L	100
34) Trichloroethene	6.18	95	653863	497.709 ug/L	97
46) Tetrachloroethene	8.23	164	1224	1.128 ug/L	90

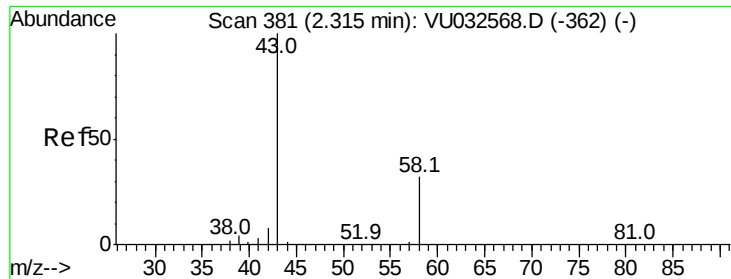
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.562 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU032592.D

Acq: 11 Jun 2019 01:46

Instrument :

MSVOA_U

ClientSampleId :

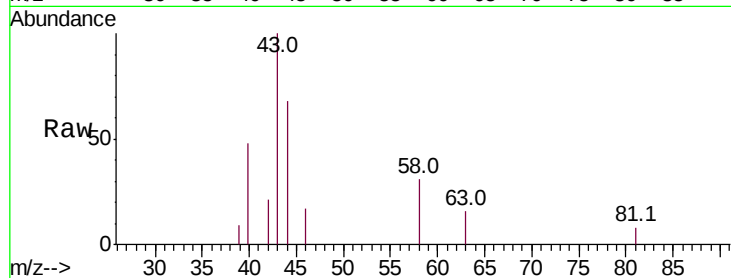
DB8D3

Tot Ion: 43 Resp: 2640

Ion Ratio Lower Upper

43 100

58 29.1 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032568.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU032568.D (-362) (-)

2.32

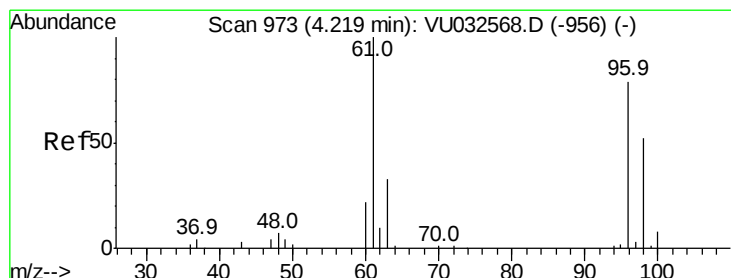
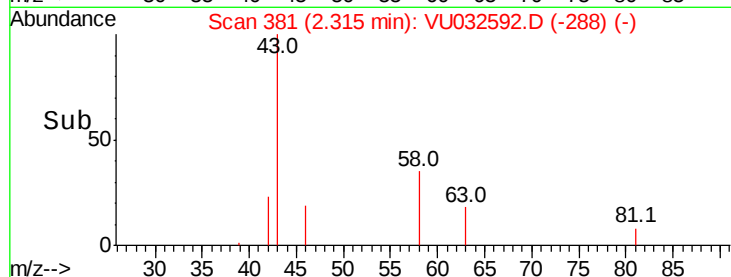
1500

1000

500

0

Time--> 2.25 2.30 2.35



#20

cis-1,2-Dichloroethene

Concen: 18.136 ug/L

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

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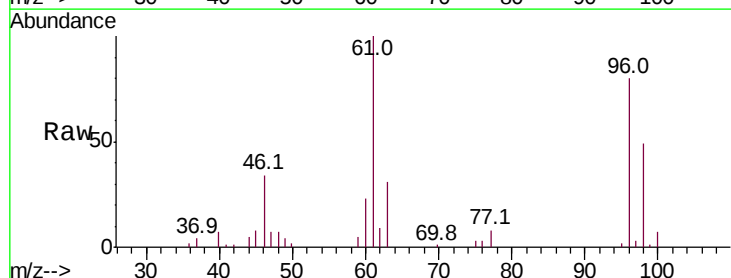
Tgt Ion: 96 Resp: 24280

Ion Ratio Lower Upper

96 100

61 124.4 87.2 162.0

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU032568.D (-956) (-)

Ion 61.00 (60.70 to 61.70): VU032568.D (-956) (-)

Ion 68.00 (67.70 to 68.70): VU032568.D (-956) (-)

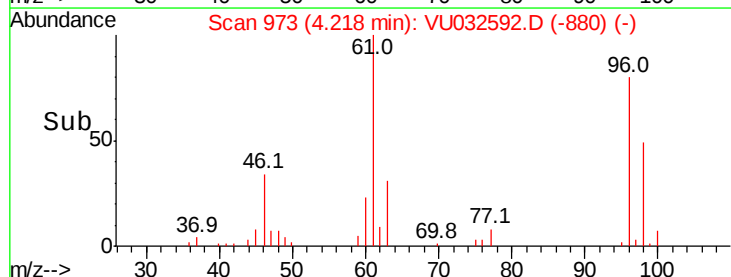
15000

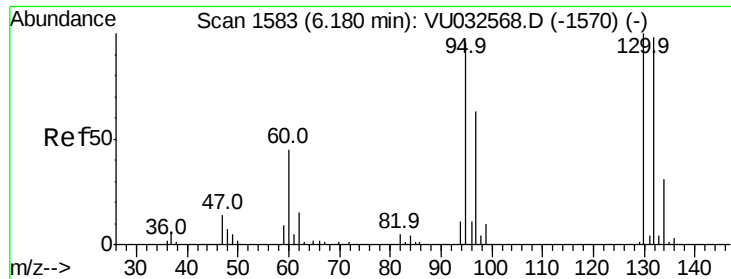
10000

5000

0

Time--> 4.15 4.20 4.25 4.30





#34

Trichloroethene

Concen: 497.709 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU032592.D

Acq: 11 Jun 2019 01:46

Instrument :

MSVOA_U

ClientSampleId :

DB8D3

Tot Ion: 95 Resp: 653863

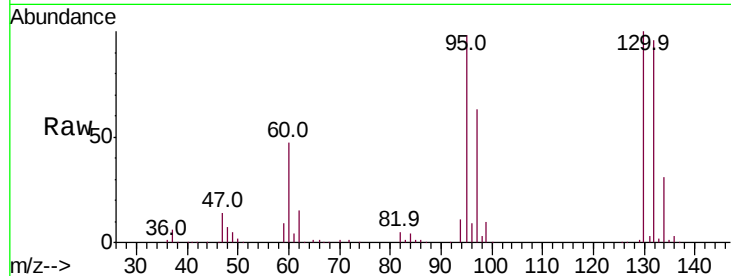
Ion Ratio Lower Upper

95 100

97 64.4 45.8 85.2

132 97.7 71.0 131.8

130 101.6 73.4 136.2

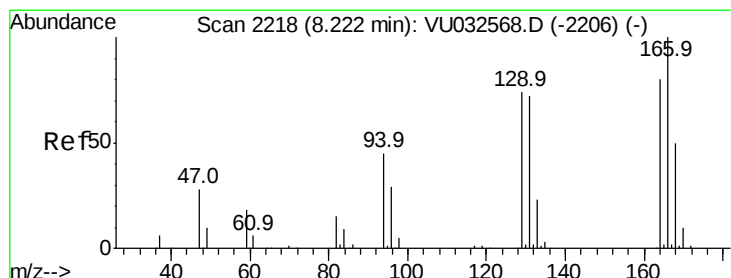
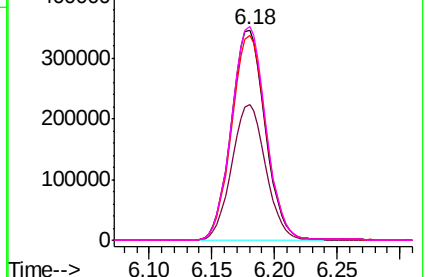
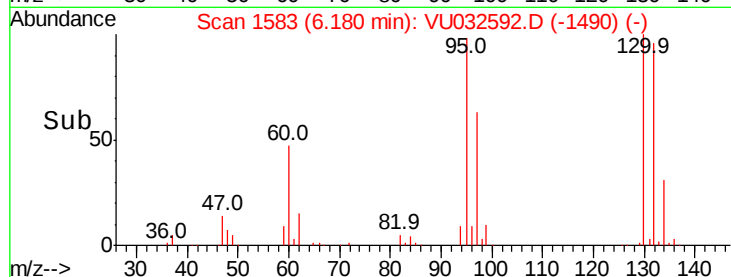


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#46

Tetrachloroethene

Concen: 1.128 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU032592.D

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Tgt Ion:164 Resp: 1224

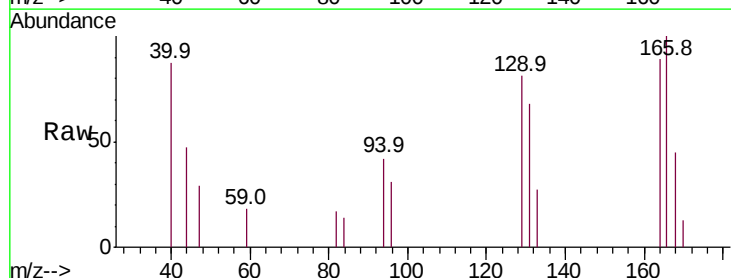
Ion Ratio Lower Upper

164 100

129 91.8 65.3 121.3

131 76.2 64.0 119.0

166 112.8 88.8 165.0



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

