

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061019\
 Data File : VU032584.D
 Acq On : 10 Jun 2019 22:42
 Operator : JC/SP
 Sample : K3277-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8C5

Quant Time: Jun 11 07:06:51 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	188125	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	175355	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	89310	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	57655	47.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.48%
7) Chloroethane-d5	1.68	69	46916	47.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.66%
11) 1,1-Dichloroethene-d2	2.27	63	84018	35.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.32%
21) 2-Butanone-d5	4.17	46	97129	95.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.09%
24) Chloroform-d	4.64	84	107156	47.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.14%
26) 1,2-Dichloroethane-d4	5.30	65	70926	49.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.92%
32) Benzene-d6	5.33	84	222735	48.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.86%
36) 1,2-Dichloropropane-d6	6.32	67	69799	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.80%
41) Toluene-d8	7.56	98	204639	47.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.82%
43) trans-1,3-Dichloropropene-	7.85	79	30246	44.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.56%
47) 2-Hexanone-d5	8.31	63	62076	89.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.65%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	98664	47.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	84143	49.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.38%

Target Compounds

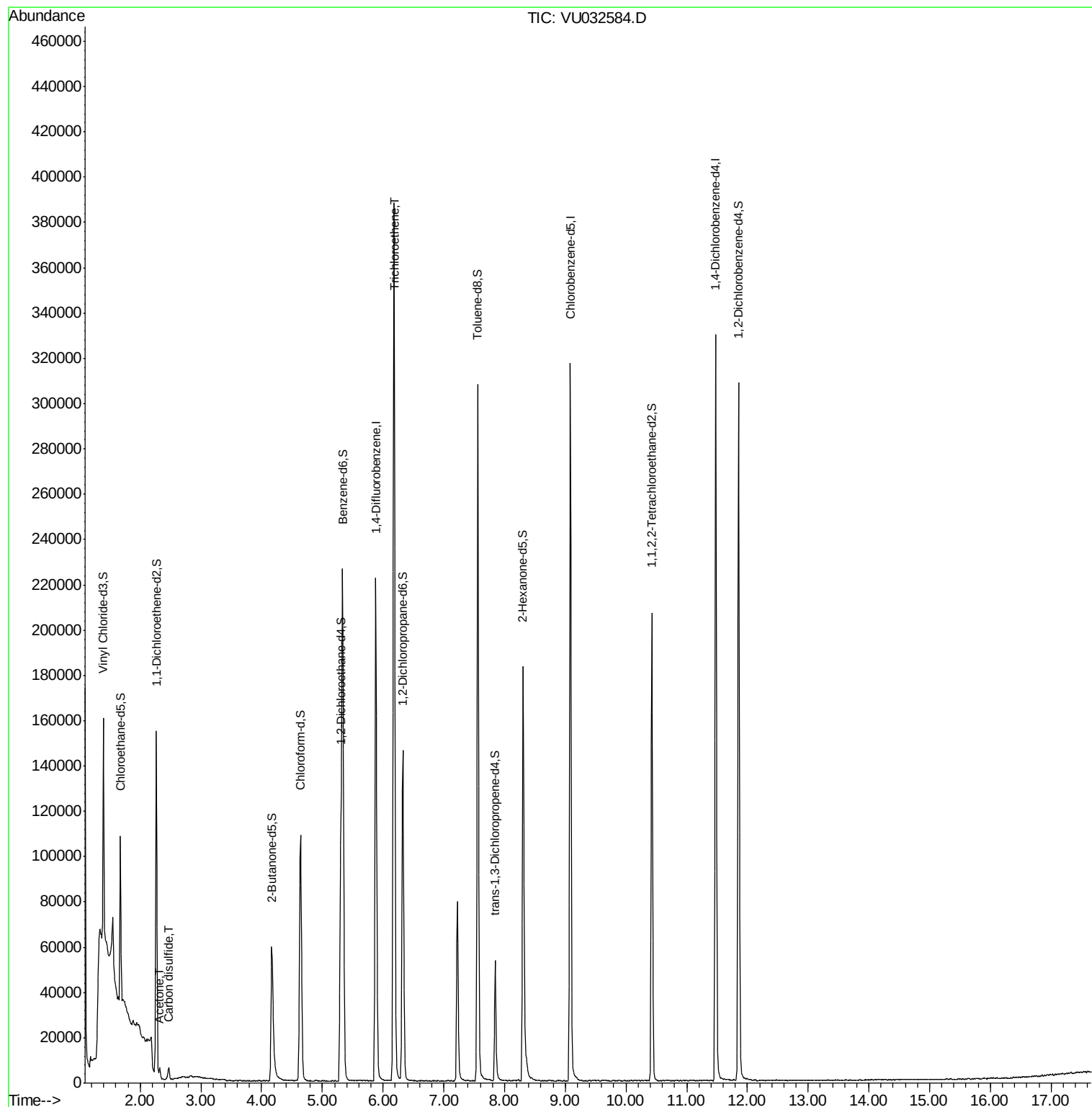
					Ovalue
13) Acetone	2.32	43	3826	3.630 ug/L	92
14) Carbon disulfide	2.47	76	6873	2.026 ug/L	98
34) Trichloroethene	6.18	95	130760	97.551 ug/L	96

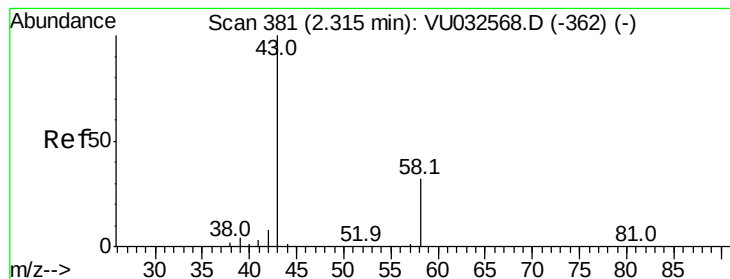
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.630 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

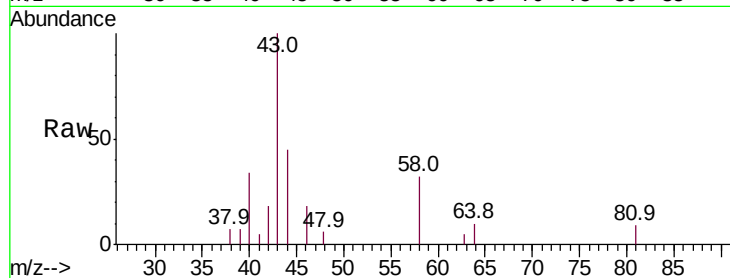
DB8C5

Tot Ion: 43 Resp: 3826

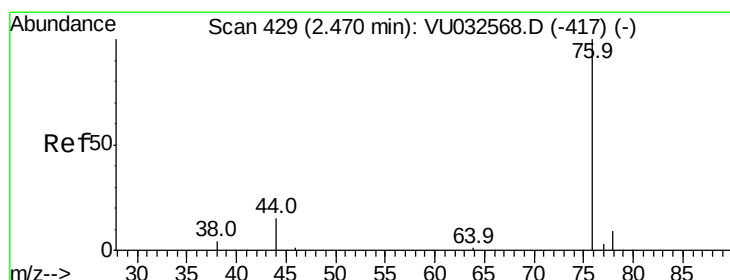
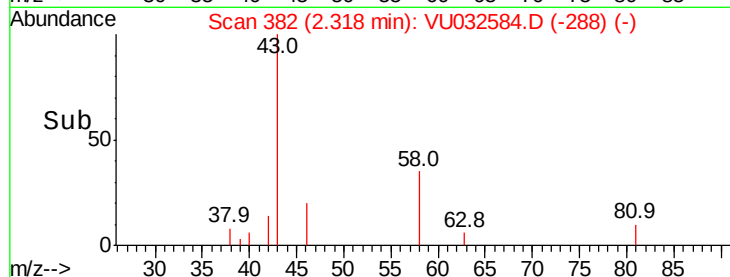
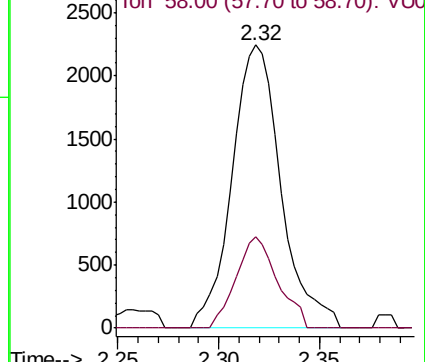
Ion Ratio Lower Upper

43 100

58 27.4 0.0 64.0



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



#14

Carbon disulfide

Concen: 2.026 ug/L

RT: 2.47 min Scan# 430

Delta R.T. 0.00 min

Lab File: VU032584.D

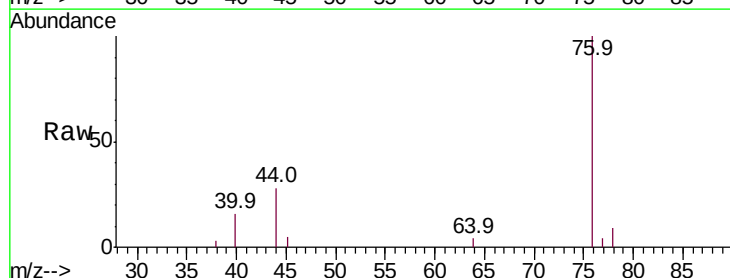
Acq: 10 Jun 2019 22:42

Tgt Ion: 76 Resp: 6873

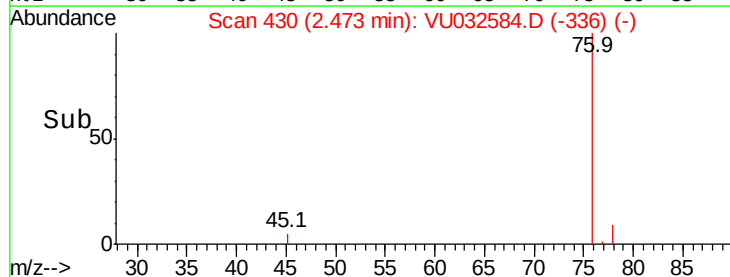
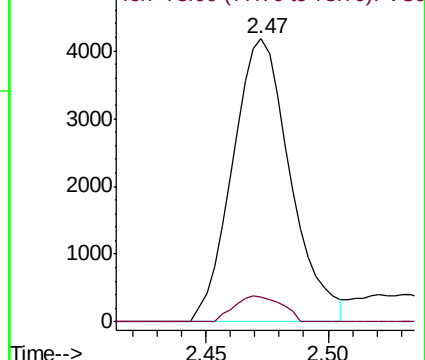
Ion Ratio Lower Upper

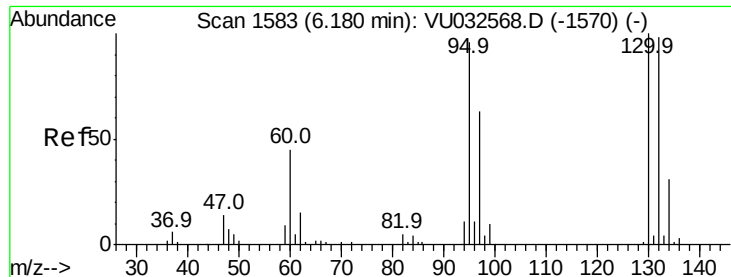
76 100

78 8.7 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VU032568.D (-417) (-)





#34

Trichloroethene

Concen: 97.551 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

DB8C5

Tot Ion: 95 Resp: 130760

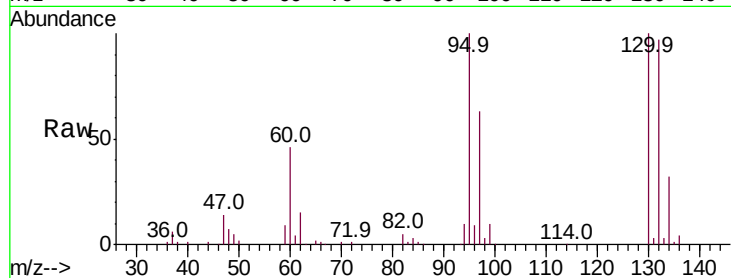
Ion Ratio Lower Upper

95 100

97 63.3 45.8 85.2

132 96.8 71.0 131.8

130 99.6 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

