

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060819\
 Data File : VU032549.D
 Acq On : 08 Jun 2019 17:48
 Operator : JC/SP
 Sample : K3276-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8E3

Quant Time: Jun 08 23:51:22 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	207078	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	194668	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	99336	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	74367	55.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.70%
7) Chloroethane-d5	1.68	69	57279	53.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.10%
11) 1,1-Dichloroethene-d2	2.27	63	106313	40.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.84%
21) 2-Butanone-d5	4.17	46	118449	105.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.35%
24) Chloroform-d	4.64	84	126892	50.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.28%
26) 1,2-Dichloroethane-d4	5.30	65	85244	54.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.00%
32) Benzene-d6	5.33	84	272377	53.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.80%
36) 1,2-Dichloropropane-d6	6.32	67	84693	53.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.90%
41) Toluene-d8	7.56	98	251126	52.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.82%
43) trans-1,3-Dichloropropene-	7.85	79	39965	52.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.40%
47) 2-Hexanone-d5	8.31	63	78605	102.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	117289	51.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.16%
64) 1,2-Dichlorobenzene-d4	11.85	152	102225	53.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.46%

Target Compounds

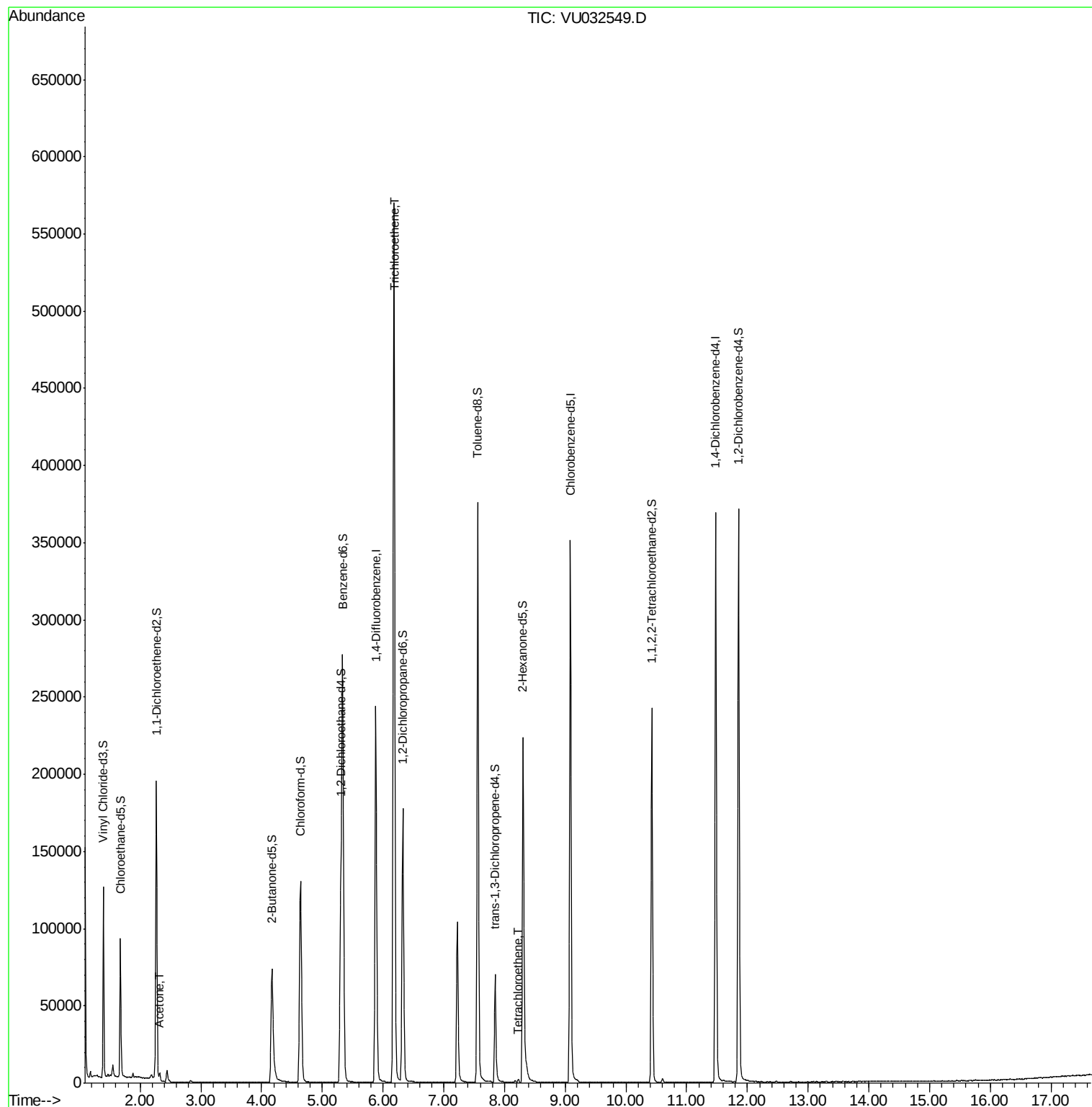
					Ovalue
13) Acetone	2.32	43	4880	4.207 ug/L	67
34) Trichloroethene	6.18	95	189093	127.073 ug/L	100
46) Tetrachloroethene	8.23	164	581	0.473 ug/L	90

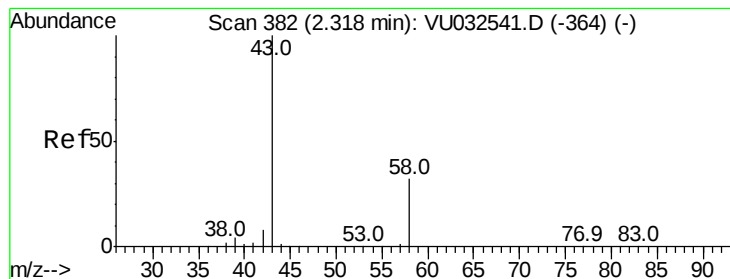
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.207 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

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MSVOA_U

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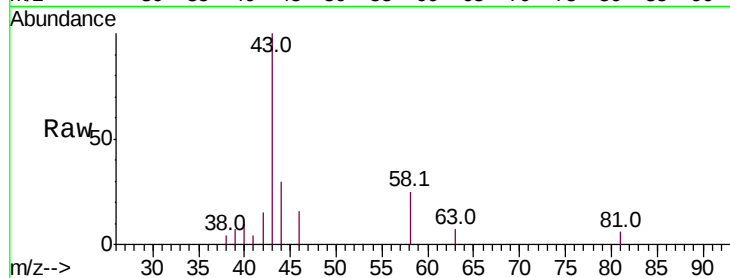
DB8E3

Tot Ion: 43 Resp: 4880

Ion Ratio Lower Upper

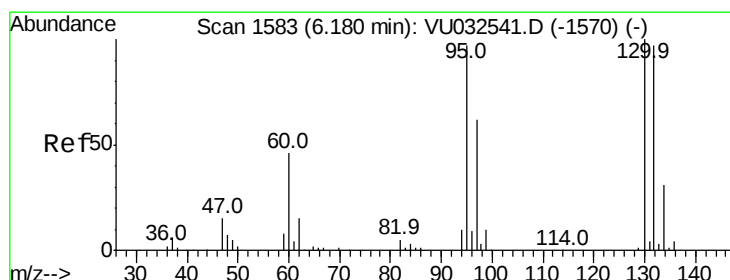
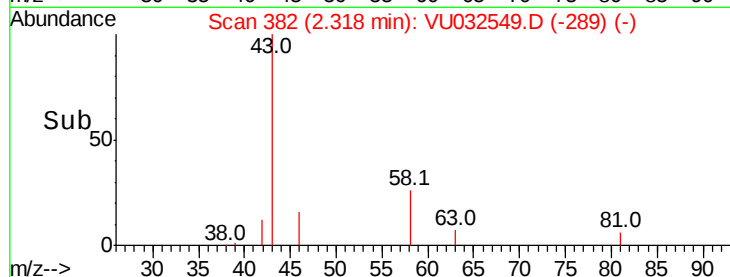
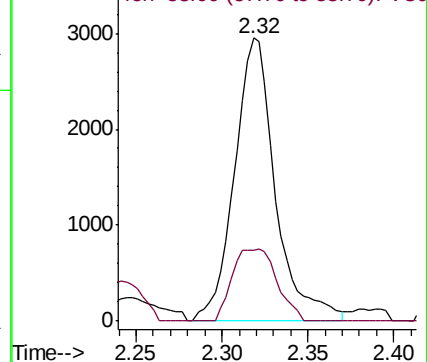
43 100

58 13.4 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032541.D (-364) (-)

Ion 58.00 (57.70 to 58.70): VU032541.D (-364) (-)



#34

Trichloroethene

Concen: 127.073 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU032549.D

Acq: 08 Jun 2019 17:48

Tgt Ion: 95 Resp: 189093

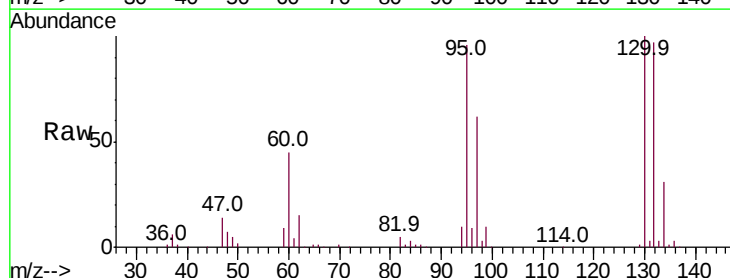
Ion Ratio Lower Upper

95 100

97 64.9 45.8 85.2

132 101.5 71.0 131.8

130 104.4 73.4 136.2

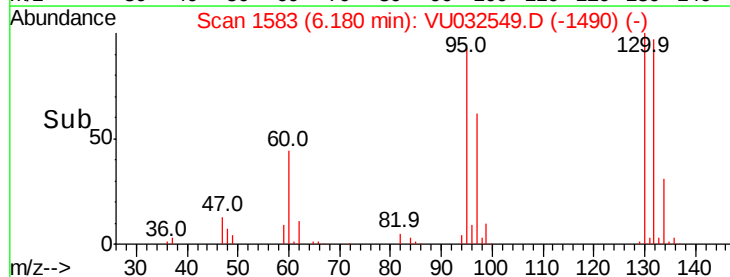
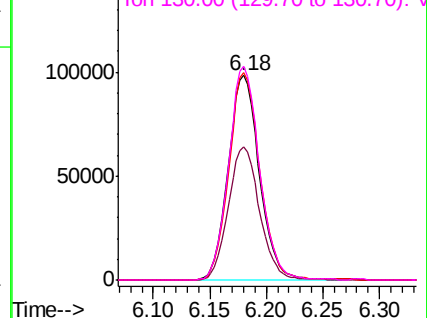


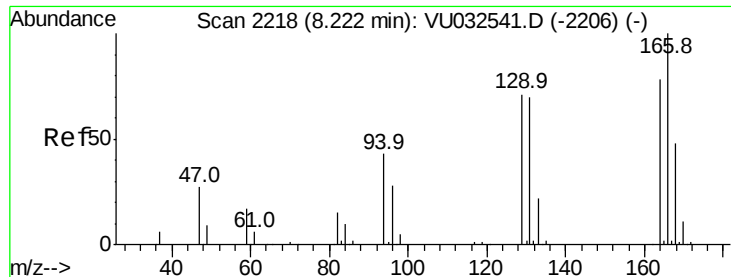
Abundance Ion 95.00 (94.70 to 95.70): VU032541.D (-1570) (-)

Ion 97.00 (96.70 to 97.70): VU032541.D (-1570) (-)

Ion 132.00 (131.70 to 132.70): VU032541.D (-1570) (-)

Ion 130.00 (129.70 to 130.70): VU032541.D (-1570) (-)





#46

Tetrachloroethene

Concen: 0.473 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU032549.D

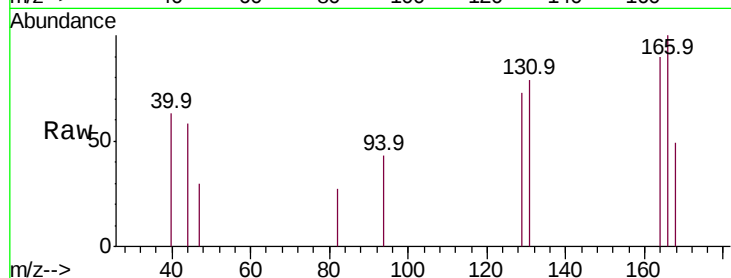
Acq: 08 Jun 2019 17:48

Instrument :

MSVOA_U

ClientSampleId :

DB8E3



Tot Ion:164 Resp: 581

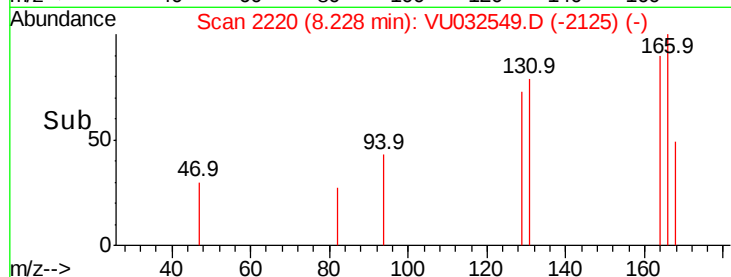
Ion Ratio Lower Upper

164 100

129 81.7 65.3 121.3

131 87.9 64.0 119.0

166 111.3 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

