

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032319\
 Data File : VU030347.D
 Acq On : 23 Mar 2019 18:04
 Operator : JC/SP
 Sample : K2062-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1D7

Quant Time: Mar 24 02:38:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Mar 24 02:05:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	405820	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	393534	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	170415	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	148042	45.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.66%
7) Chloroethane-d5	1.68	69	121915	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.27	63	212098	34.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.46%
21) 2-Butanone-d5	4.18	46	274239	89.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.32%
24) Chloroform-d	4.65	84	259522	46.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.24%
26) 1,2-Dichloroethane-d4	5.31	65	174808	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.94%
32) Benzene-d6	5.34	84	546321	48.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.82%
36) 1,2-Dichloropropane-d6	6.33	67	189155	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.98%
41) Toluene-d8	7.56	98	475918	46.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.92%
43) trans-1,3-Dichloropropene-	7.85	79	84786	46.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.40%
47) 2-Hexanone-d5	8.31	63	193299	92.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	255470	46.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	168651	49.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.78%

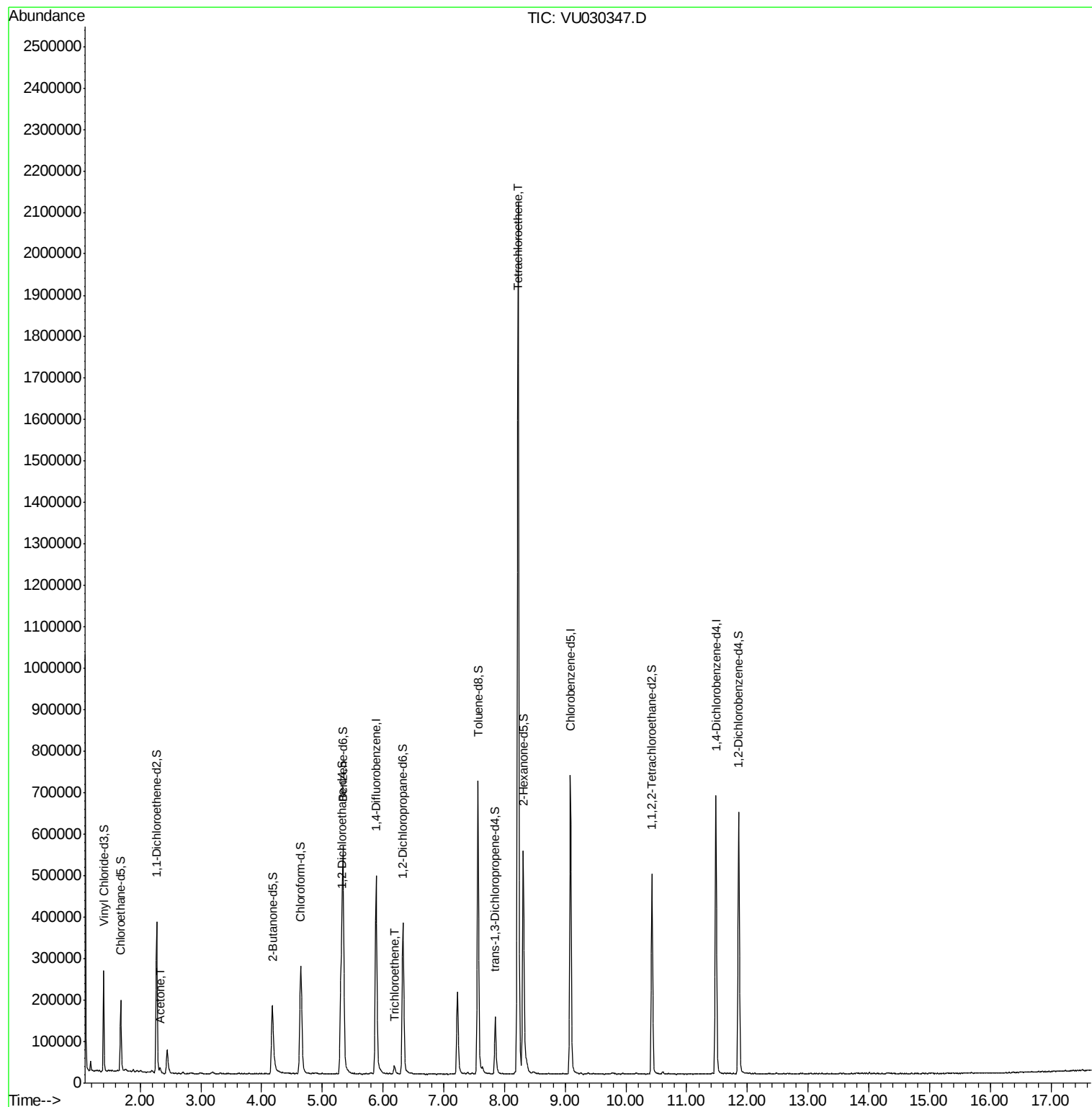
Target Compounds					Ovalue
13) Acetone	2.32	43	10389	3.346 ug/L	95
34) Trichloroethene	6.19	95	7792	2.366 ug/L	99
46) Tetrachloroethene	8.22	164	474044	206.089 ug/L	98

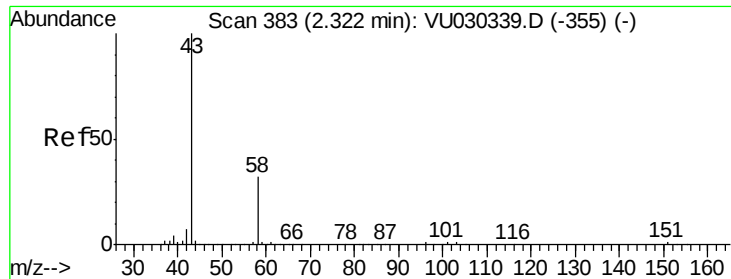
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.346 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030347.D

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Instrument :

MSVOA_U

ClientSampleId :

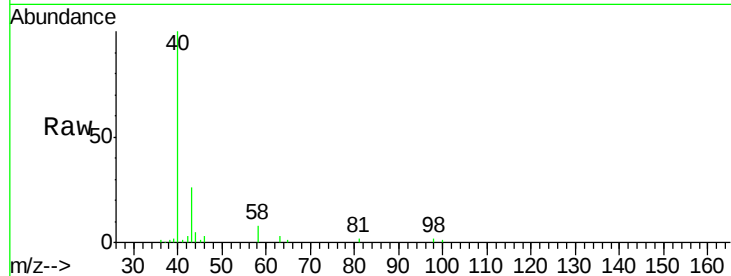
BF1D7

Tot Ion: 43 Resp: 10389

Ion Ratio Lower Upper

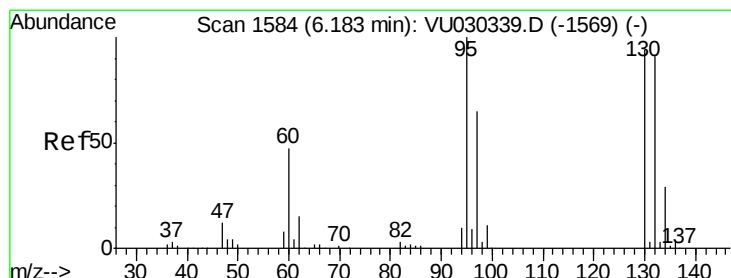
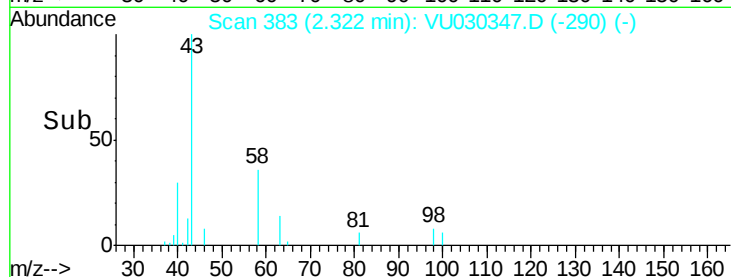
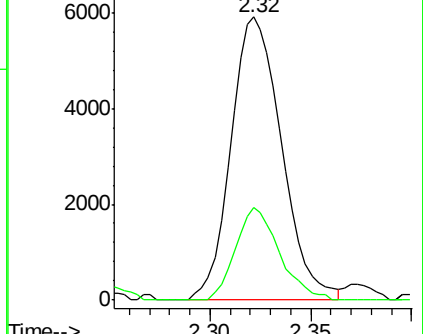
43 100

58 28.4 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU030339.D (-355) (-)

Ion 58.00 (57.70 to 58.70): VU030339.D (-355) (-)



#34

Trichloroethene

Concen: 2.366 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VU030347.D

Acq: 23 Mar 2019 18:04

Tgt Ion: 95 Resp: 7792

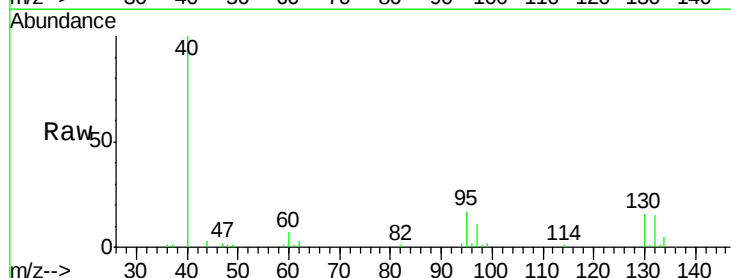
Ion Ratio Lower Upper

95 100

97 64.1 45.7 84.9

132 90.1 63.8 118.4

130 93.3 65.7 121.9

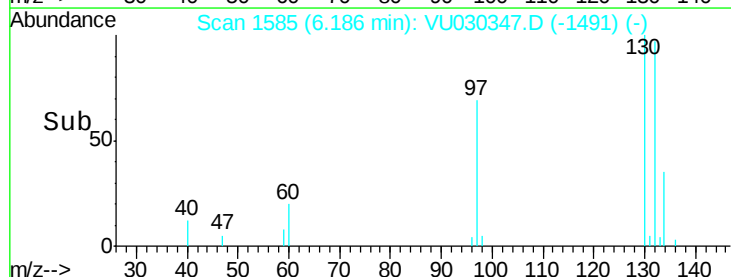
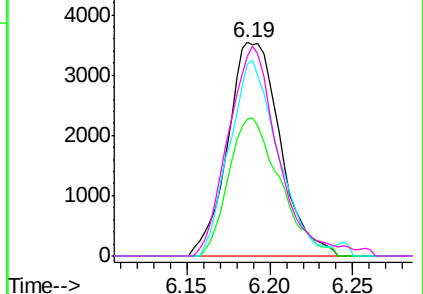


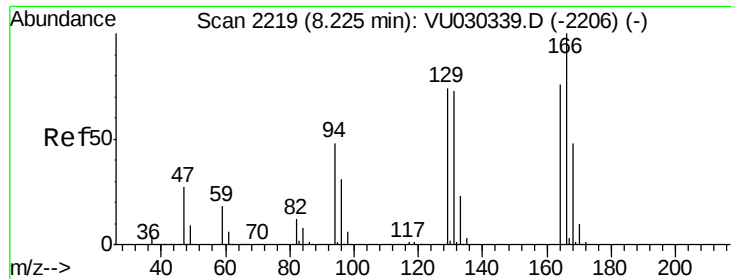
Abundance Ion 95.00 (94.70 to 95.70): VU030339.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU030339.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU030339.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU030339.D (-1569) (-)





#46

Tetrachloroethene

Concen: 206.089 ug/L

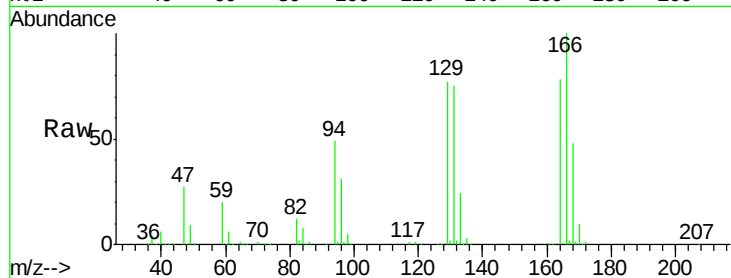
RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

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Tot Ion:	164	Resp:	474044
Ion	Ratio	Lower	Upper
164	100		
129	98.4	68.1	126.5
131	95.4	67.7	125.7
166	127.5	92.4	171.6

