

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052819\
 Data File : VU032341.D
 Acq On : 28 May 2019 20:33
 Operator : JC/SP
 Sample : K2975-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFHL0

Quant Time: May 29 05:32:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 29 05:27:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	718376	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	713827	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	293651	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	193441	36.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.06%
7) Chloroethane-d5	1.67	69	186652	43.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.30%
11) 1,1-Dichloroethene-d2	2.27	63	271101	28.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.64%#
21) 2-Butanone-d5	4.17	46	365310	104.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.83%
24) Chloroform-d	4.64	84	433426	46.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.54%
26) 1,2-Dichloroethane-d4	5.31	65	271280	49.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.92%
32) Benzene-d6	5.33	84	876544	46.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.64%
36) 1,2-Dichloropropane-d6	6.32	67	284100	48.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.76%
41) Toluene-d8	7.56	98	737771	42.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.46%
43) trans-1,3-Dichloropropene-	7.85	79	115563	43.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.84%
47) 2-Hexanone-d5	8.31	63	217872	89.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.35%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	428680	48.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	306470	51.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.36%

Target Compounds

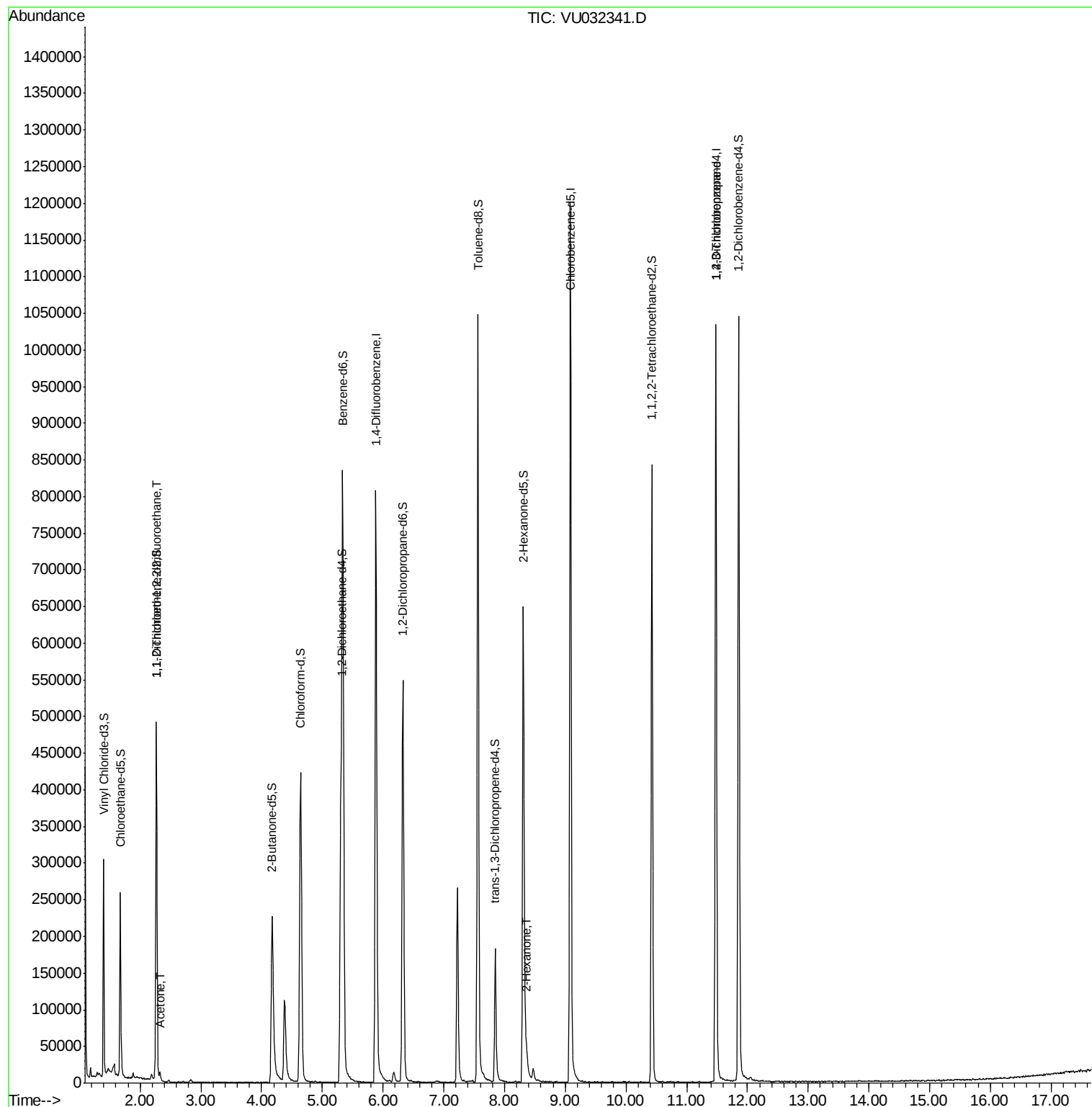
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3028	0.664 ug/L #	21
13) Acetone	2.32	43	7596	2.313 ug/L	94
48) 2-Hexanone	8.36	43	17431	3.140 ug/L #	39
59) 1,2,3-Trichloropropane	11.48	75	30395	4.392 ug/L	91

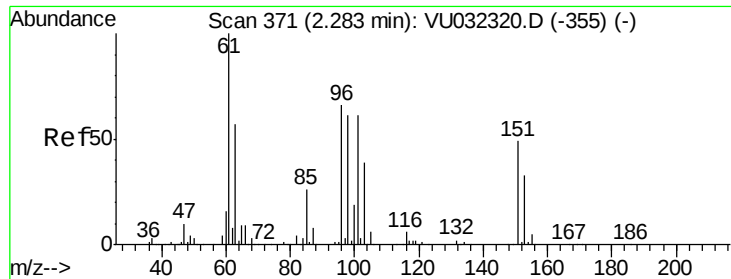
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.664 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032341.D

Acq: 28 May 2019 20:33

Instrument :

MSVOA_U

ClientSampleId :

BFHLO

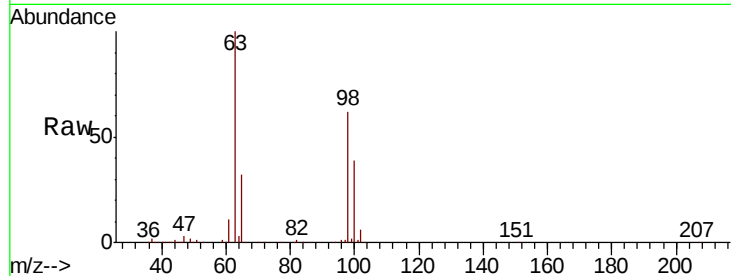
Tgt Ion:101 Resp: 3028

Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.0#

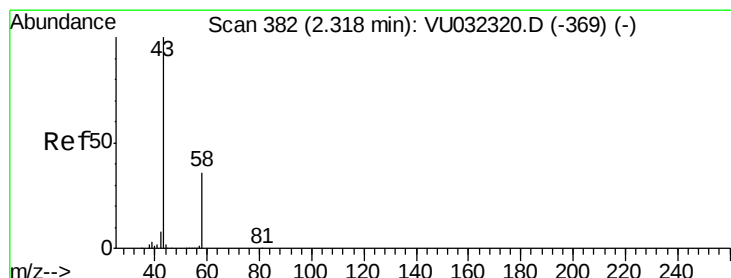
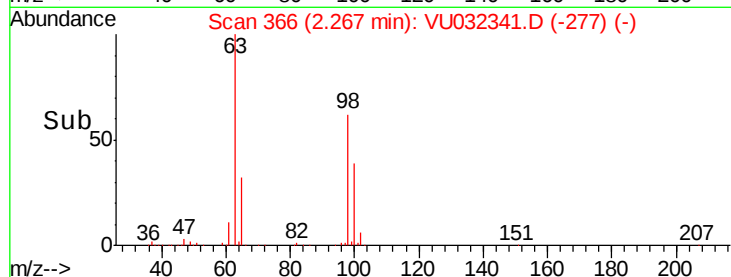
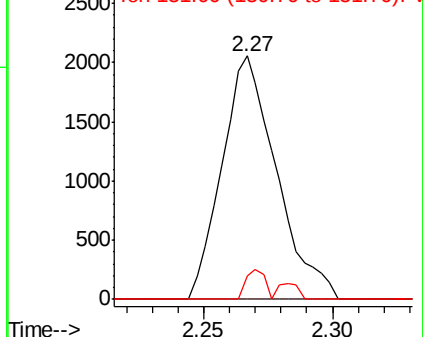
151 4.2 63.7 95.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 2.313 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU032341.D

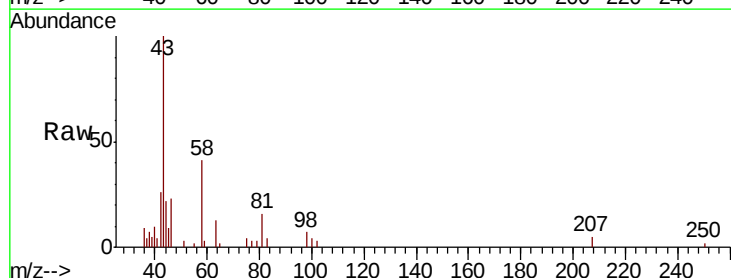
Acq: 28 May 2019 20:33

Tgt Ion: 43 Resp: 7596

Ion Ratio Lower Upper

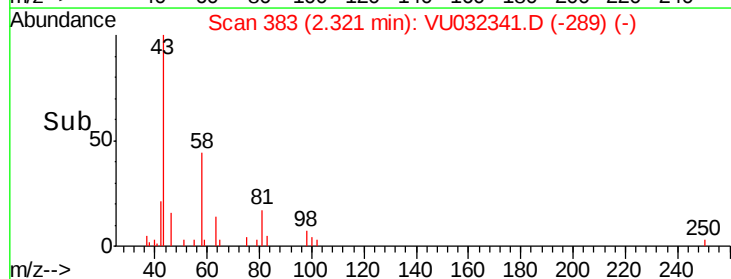
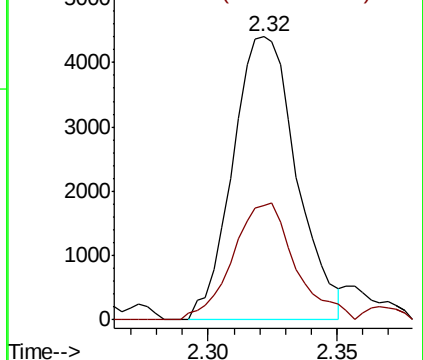
43 100

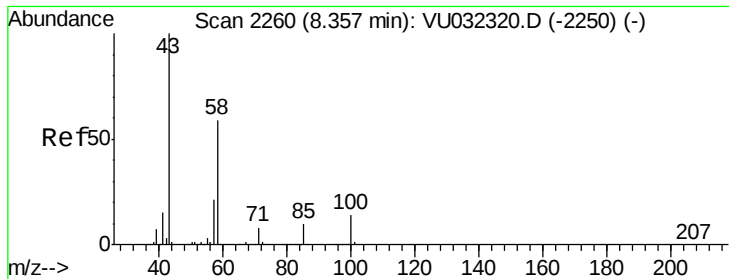
58 40.1 0.0 73.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

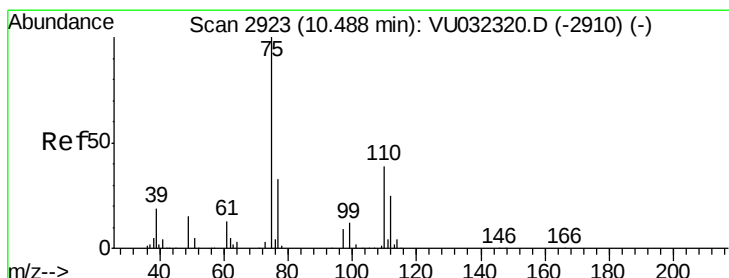
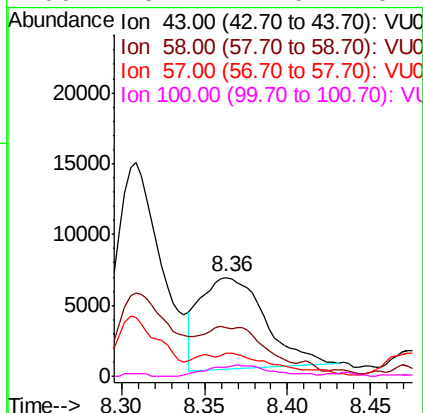
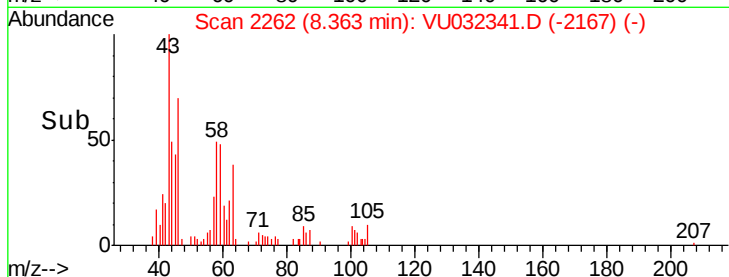
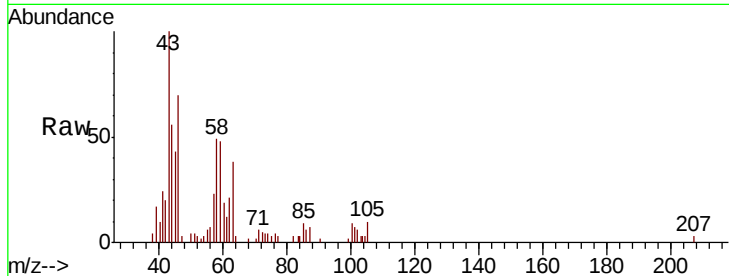




#48
2-Hexanone
Concen: 3.140 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
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MSVOA_U
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BFHL0

Tgt Ion: 43 Resp: 17431
Ion Ratio Lower Upper
43 100
58 2.4 48.6 73.0#
57 2.4 17.0 25.4#
100 5.1 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 4.392 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032341.D
Acq: 28 May 2019 20:33

Tgt Ion: 75 Resp: 30395
Ion Ratio Lower Upper
75 100
77 37.3 25.8 38.8

