

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052819\
 Data File : VU032337.D
 Acq On : 28 May 2019 18:34
 Operator : JC/SP
 Sample : K2975-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFHG7

Quant Time: May 29 05:31:49 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	732509	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	725860	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	300991	50.00	ug/L	0.00

System Monitoring Compounds

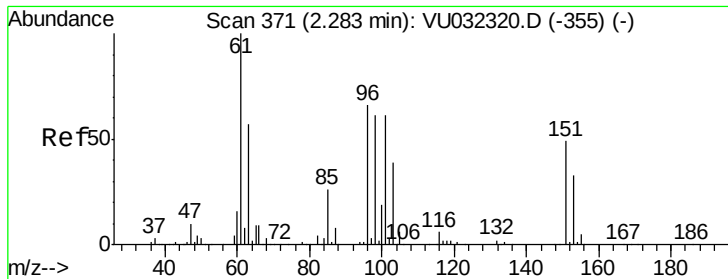
4) Vinyl Chloride-d3	1.40	65	195690	36.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.48%
7) Chloroethane-d5	1.67	69	186655	42.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.62%
11) 1,1-Dichloroethene-d2	2.27	63	295695	30.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.66%
21) 2-Butanone-d5	4.17	46	375046	105.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.55%
24) Chloroform-d	4.64	84	441550	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.46%
26) 1,2-Dichloroethane-d4	5.31	65	281496	50.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.66%
32) Benzene-d6	5.34	84	888724	46.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.36%
36) 1,2-Dichloropropane-d6	6.32	67	289062	48.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.82%
41) Toluene-d8	7.56	98	786073	44.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.50%
43) trans-1,3-Dichloropropene-	7.85	79	114110	42.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.34%
47) 2-Hexanone-d5	8.31	63	239525	96.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	438306	48.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.08%
64) 1,2-Dichlorobenzene-d4	11.85	152	308616	50.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.56%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2965	0.638 ug/L #	19
13) Acetone	2.32	43	17148	5.121 ug/L	94
48) 2-Hexanone	8.37	43	9781	1.732 ug/L #	46
59) 1,2,3-Trichloropropane	11.48	75	32068	4.556 ug/L	89

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

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ALS Vial  : 22      Sample Multiplier: 1
```



#10

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

Concen: 0.638 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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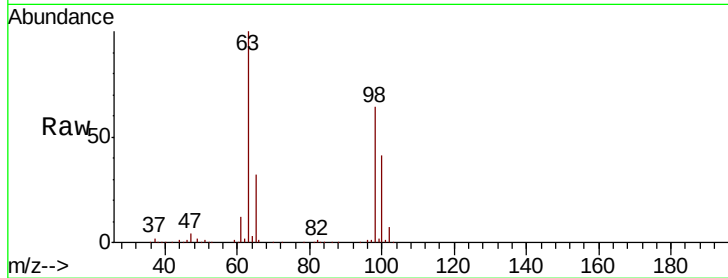
Tgt Ion:101 Resp: 2965

Ion Ratio Lower Upper

101 100

85 1.7 33.4 50.0#

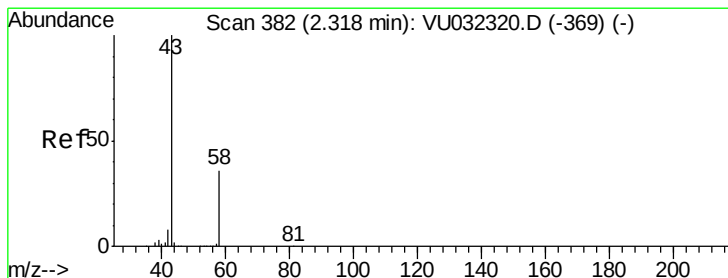
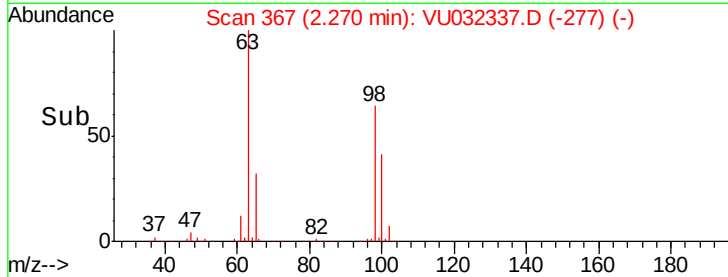
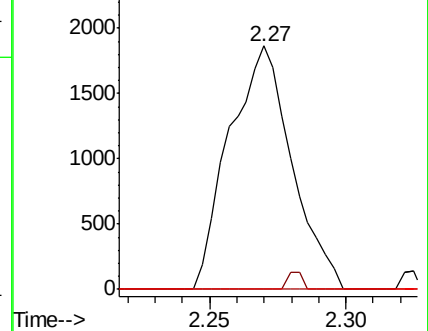
151 0.0 63.7 95.5#



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: 5.121 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU032337.D

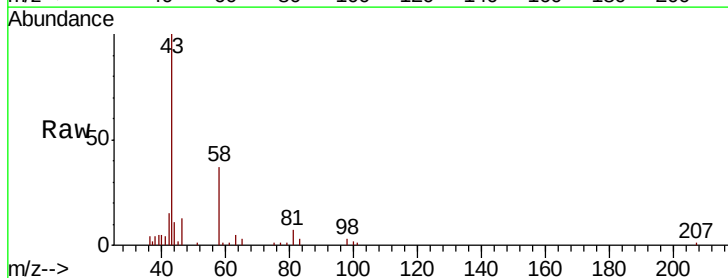
Acq: 28 May 2019 18:34

Tgt Ion: 43 Resp: 17148

Ion Ratio Lower Upper

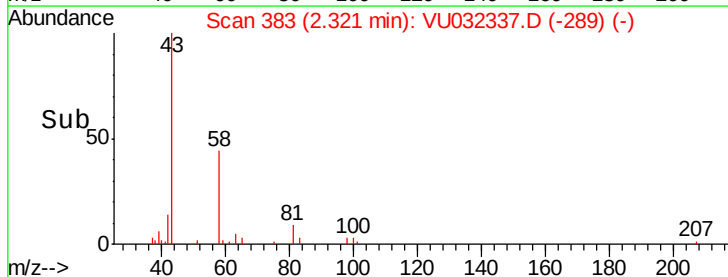
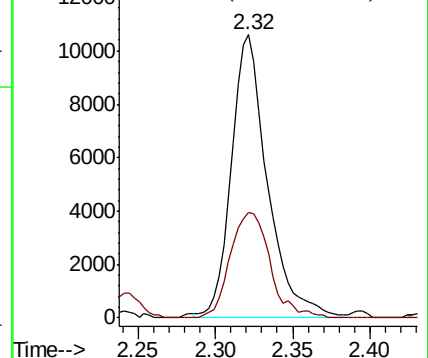
43 100

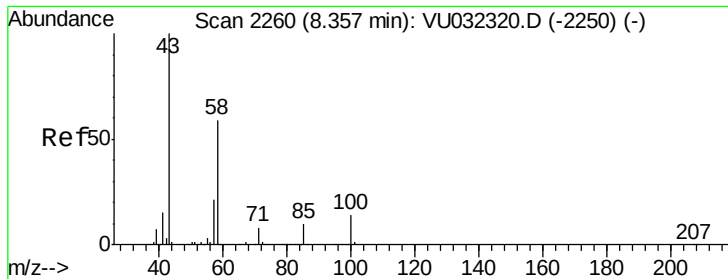
58 40.3 0.0 73.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

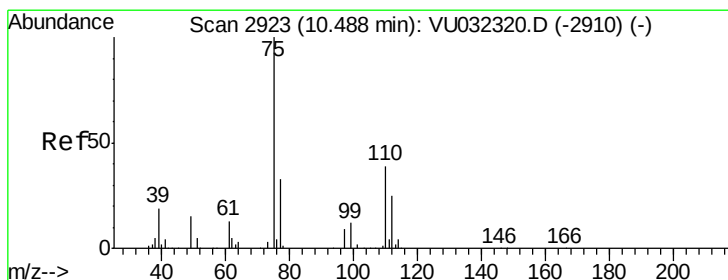
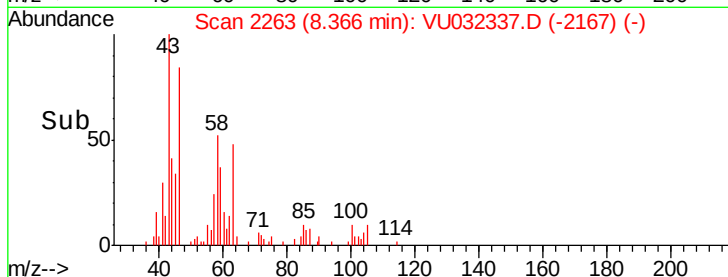
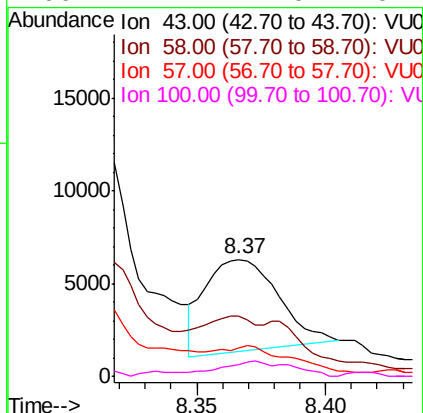
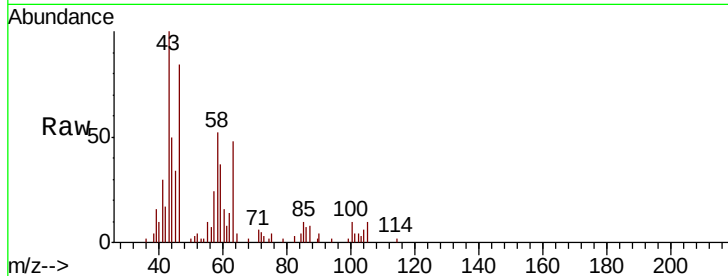




#48
 2-Hexanone
 Concen: 1.732 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
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Tgt Ion: 43 Resp: 9781
 Ion Ratio Lower Upper
 43 100
 58 0.0 48.6 73.0#
 57 19.8 17.0 25.4
 100 7.2 11.0 16.4#



#59
 1,2,3-Trichloropropane
 Concen: 4.556 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032337.D
 Acq: 28 May 2019 18:34

Tgt Ion: 75 Resp: 32068
 Ion Ratio Lower Upper
 75 100
 77 38.2 25.8 38.8

