

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052819\
 Data File : VU032338.D
 Acq On : 28 May 2019 18:58
 Operator : JC/SP
 Sample : K2975-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFHL0

Quant Time: May 29 05:31:54 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	735632	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	723611	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	295667	50.00	ug/L	0.00

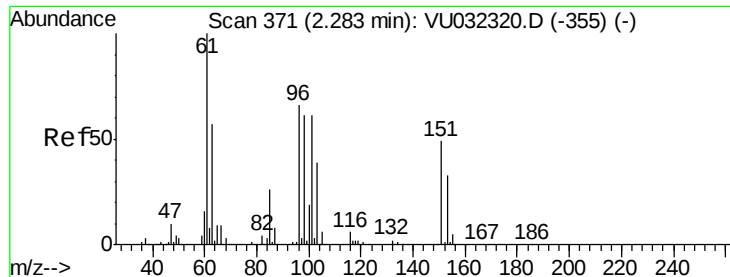
System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	199276	36.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.50%
7) Chloroethane-d5	1.67	69	185533	42.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.74%
11) 1,1-Dichloroethene-d2	2.27	63	294289	30.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.10%
21) 2-Butanone-d5	4.17	46	370400	103.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.80%
24) Chloroform-d	4.64	84	438690	46.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.46%
26) 1,2-Dichloroethane-d4	5.30	65	275377	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.06%
32) Benzene-d6	5.33	84	878250	46.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.54%
36) 1,2-Dichloropropane-d6	6.32	67	282262	47.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.82%
41) Toluene-d8	7.56	98	763450	43.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.22%
43) trans-1,3-Dichloropropene-	7.85	79	117262	43.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.94%
47) 2-Hexanone-d5	8.31	63	234757	94.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.97%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	440647	48.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	306663	50.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.72%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2964	0.635 ug/L #	19
13) Acetone	2.32	43	6368	1.894 ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	4864	0.710 ug/L #	80
48) 2-Hexanone	8.37	43	8731	1.551 ug/L #	78
59) 1,2,3-Trichloropropane	11.48	75	32207	4.590 ug/L	92

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



#10

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

Concen: 0.635 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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MSVOA_U

ClientSampled :

BFHL0

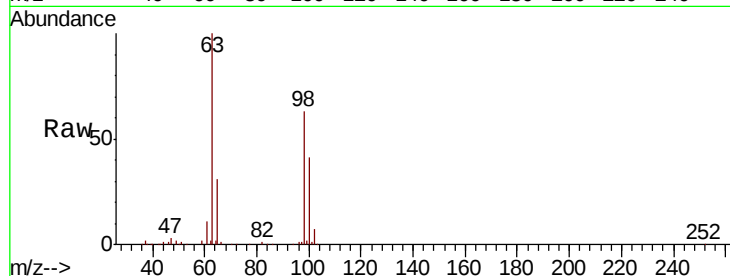
Tgt Ion:101 Resp: 2964

Ion Ratio Lower Upper

101 100

85 1.5 33.4 50.0#

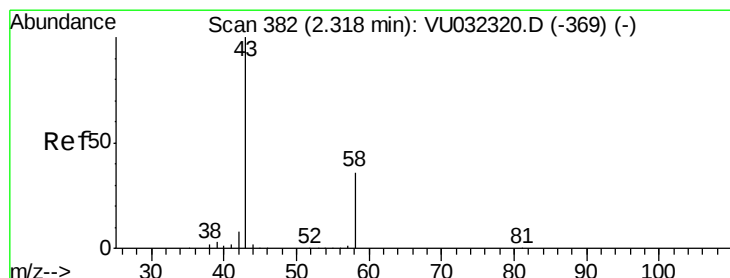
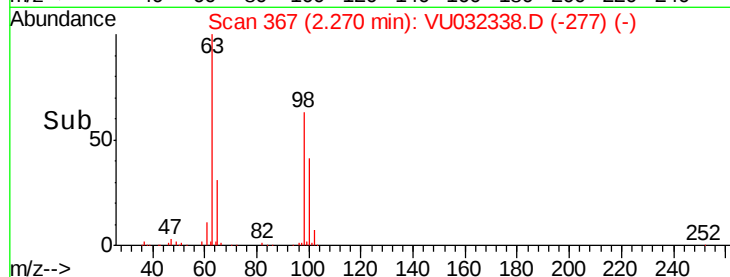
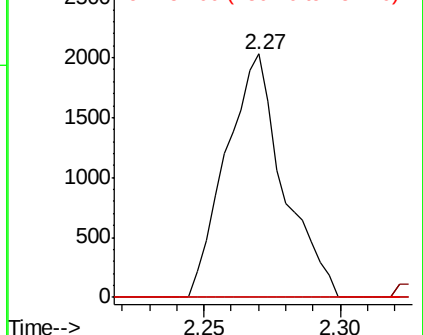
151 0.0 63.7 95.5#



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: 1.894 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU032338.D

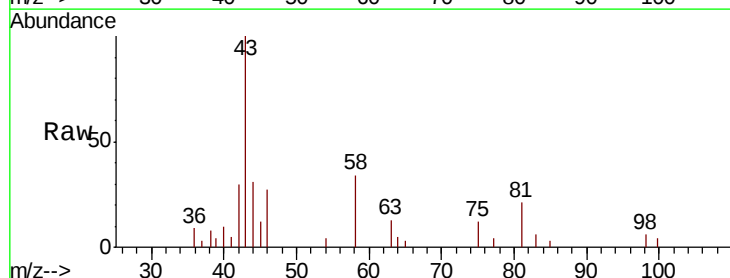
Acq: 28 May 2019 18:58

Tgt Ion: 43 Resp: 6368

Ion Ratio Lower Upper

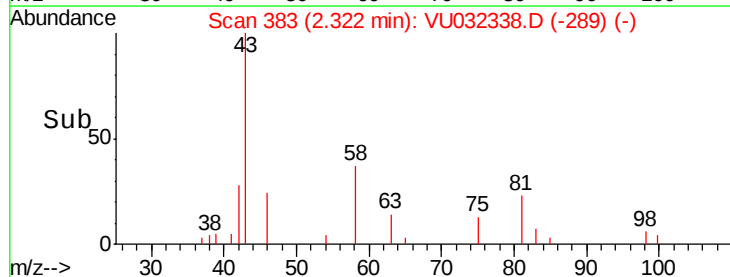
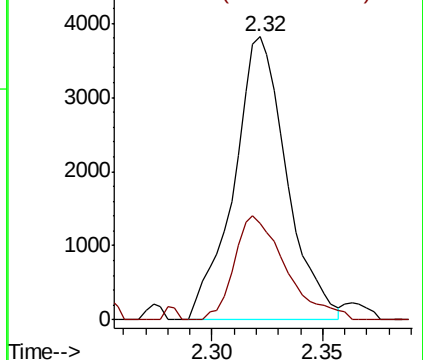
43 100

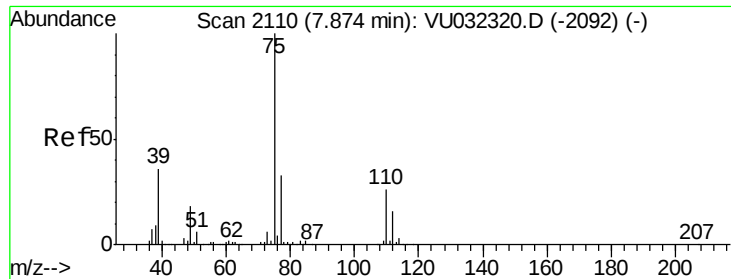
58 35.8 0.0 73.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

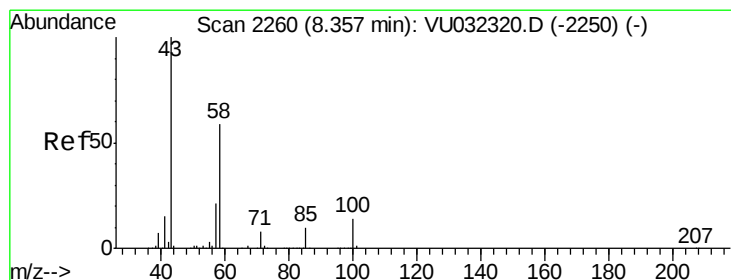
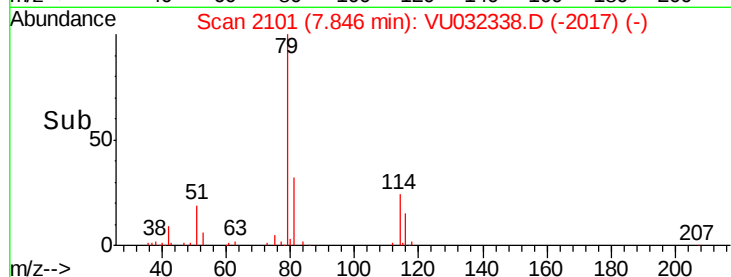
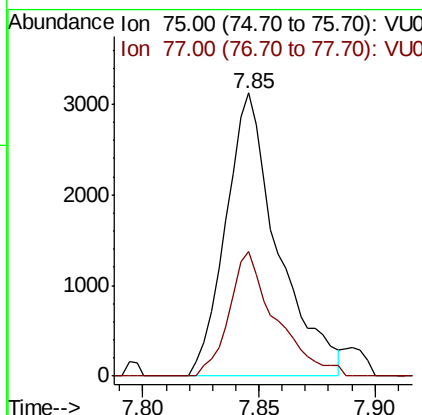
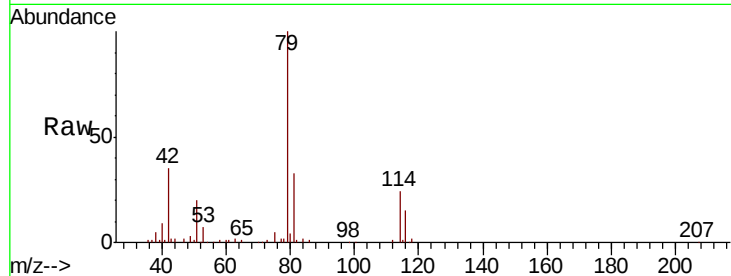




#44
trans-1,3-Dichloropropene
Concen: 0.710 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032338.D
Acq: 28 May 2019 18:58

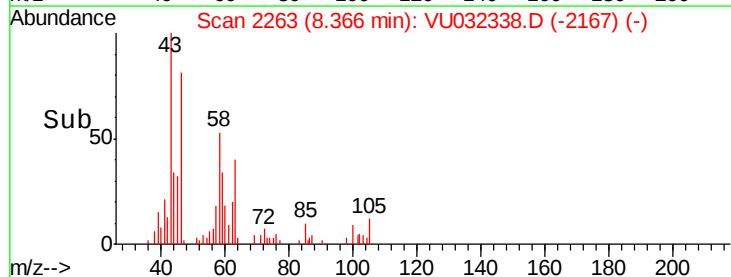
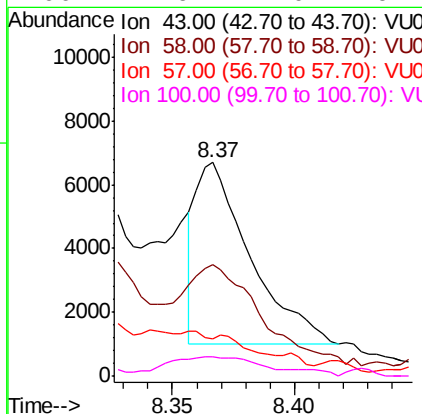
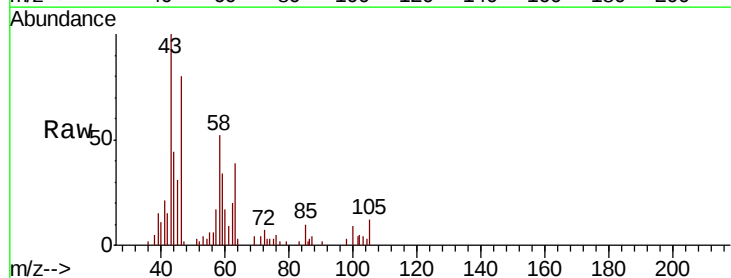
Instrument :
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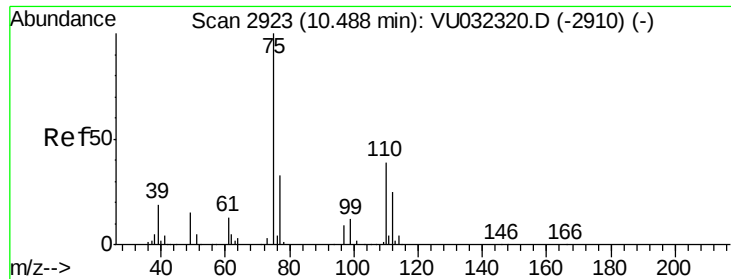
Tgt Ion: 75 Resp: 4864
Ion Ratio Lower Upper
75 100
77 43.9 23.0 42.6#



#48
2-Hexanone
Concen: 1.551 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU032338.D
Acq: 28 May 2019 18:58

Tgt Ion: 43 Resp: 8731
Ion Ratio Lower Upper
43 100
58 74.4 48.6 73.0#
57 2.2 17.0 25.4#
100 7.6 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 4.590 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032338.D

Acq: 28 May 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

BFHL0

Tgt Ion: 75 Resp: 32207

Ion Ratio Lower Upper

75 100

77 36.7 25.8 38.8

