

Data File : VU032208.D
Acq On : 21 May 2019 18:54
Operator : JC/SP
Sample : K2862-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFHG1

Quant Time: May 22 02:13:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 22 02:08:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	783527	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	789897	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	336584	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	261336	51.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.28%
7) Chloroethane-d5	1.67	69	225725	50.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.36%
11) 1,1-Dichloroethene-d2	2.27	63	371783	38.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.40%
21) 2-Butanone-d5	4.17	46	334710	106.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.14%
24) Chloroform-d	4.64	84	505493	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.30	65	313481	52.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.46%
32) Benzene-d6	5.33	84	1076294	52.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.84%
36) 1,2-Dichloropropane-d6	6.32	67	309522	52.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.42%
41) Toluene-d8	7.56	98	968632	49.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.56%
43) trans-1,3-Dichloropropene-	7.85	79	139962	47.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.68%
47) 2-Hexanone-d5	8.31	63	246572	91.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	470968	49.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.22%
64) 1,2-Dichlorobenzene-d4	11.85	152	385537	54.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.54%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	3823	0.724	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	3165	0.603	ug/L #	1
13) Acetone	2.32	43	5879	1.831	ug/L	73
48) 2-Hexanone	8.36	43	8270	1.569	ug/L #	41
59) 1,2,3-Trichloropropane	11.48	75	33484	4.496	ug/L	91

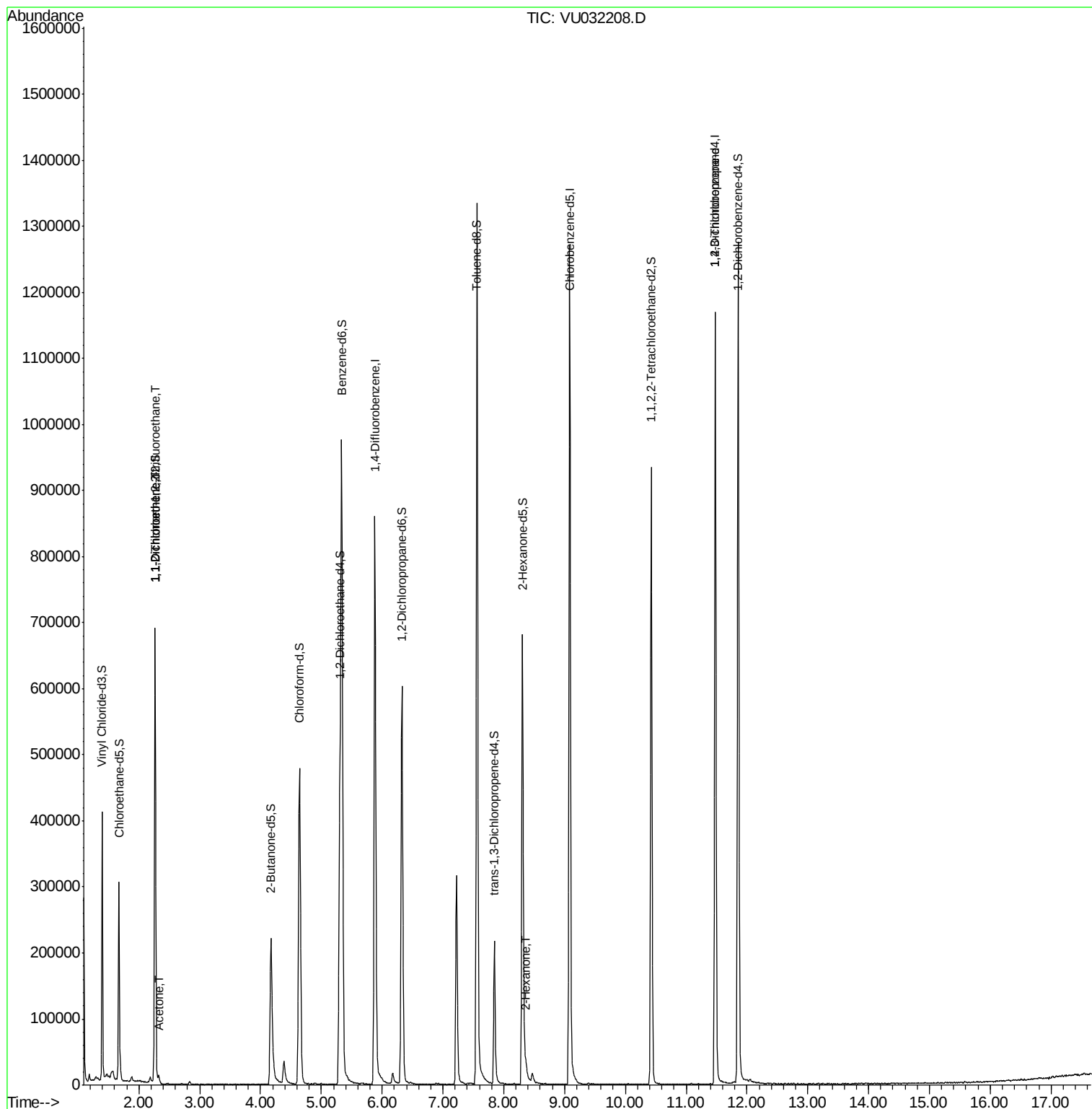
(#) = qualifier out of range (m) = manual integration (+) = signals summed

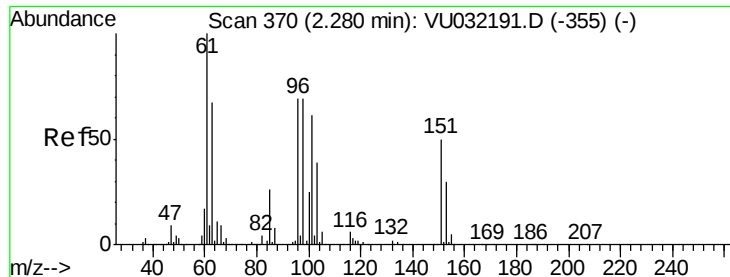
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#10

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

Concen: 0.724 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

BFHG1

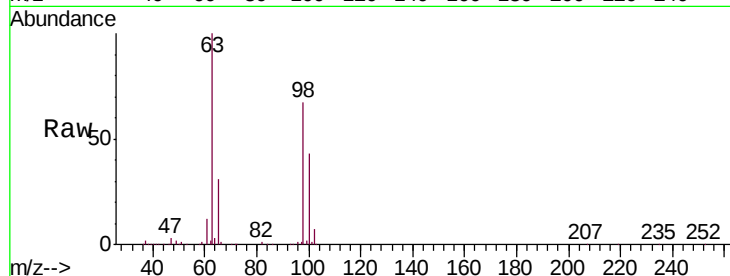
Tgt Ion:101 Resp: 3823

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

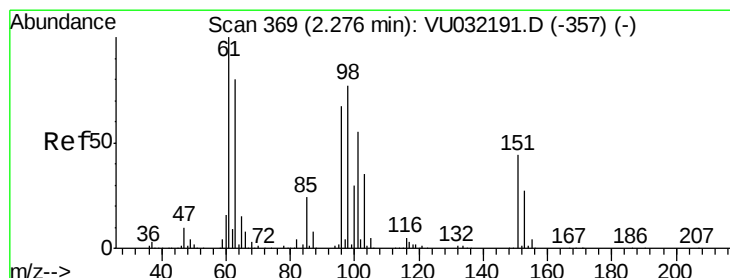
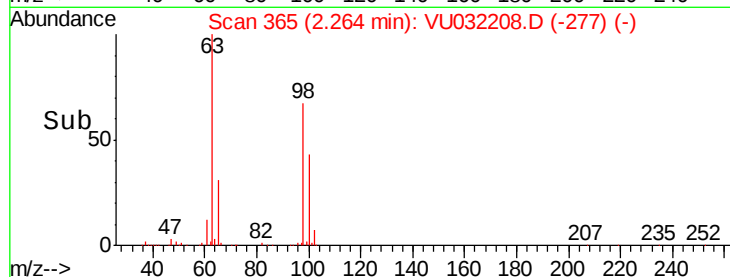
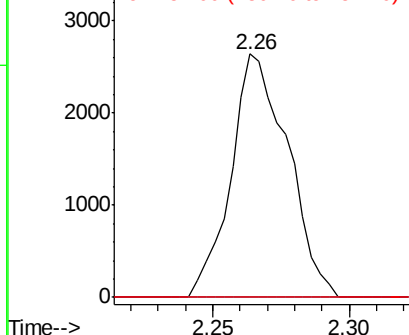
151 0.0 63.1 94.7#



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



#12

1,1-Dichloroethene

Concen: 0.603 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032208.D

Acq: 21 May 2019 18:54

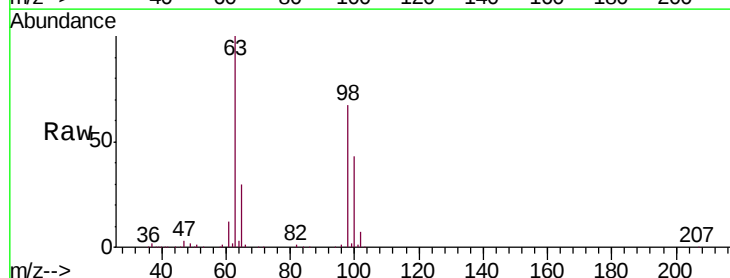
Tgt Ion: 96 Resp: 3165

Ion Ratio Lower Upper

96 100

61 1221.8 103.7 192.7#

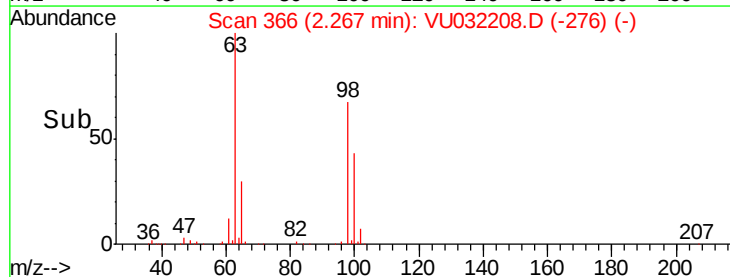
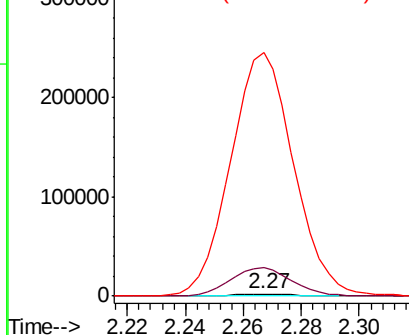
63 10542.8 83.3 154.7#

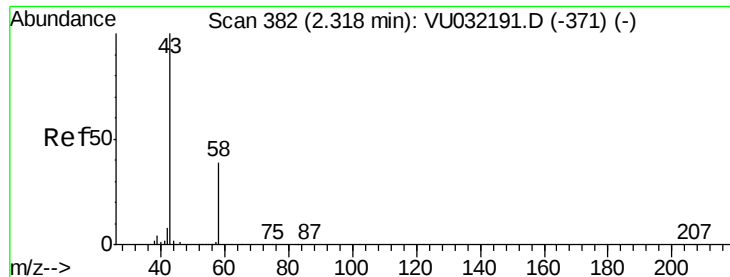


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

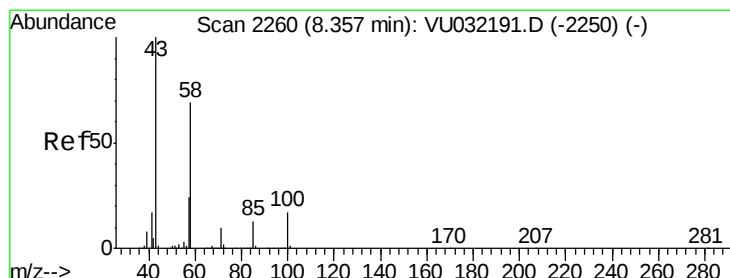
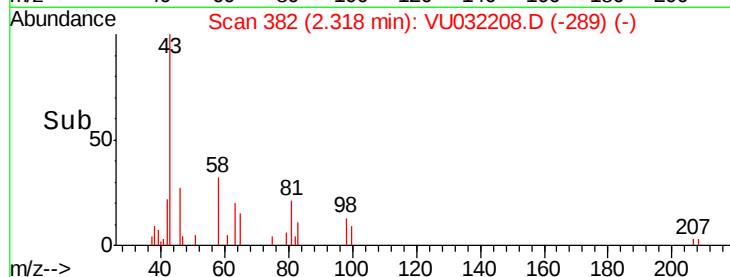
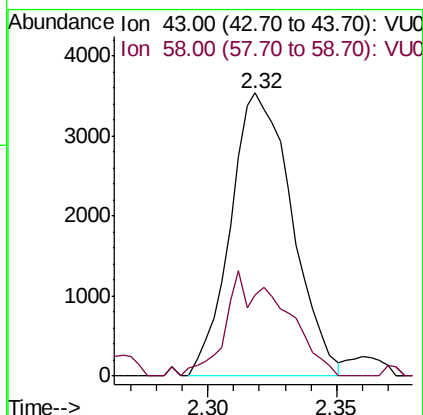
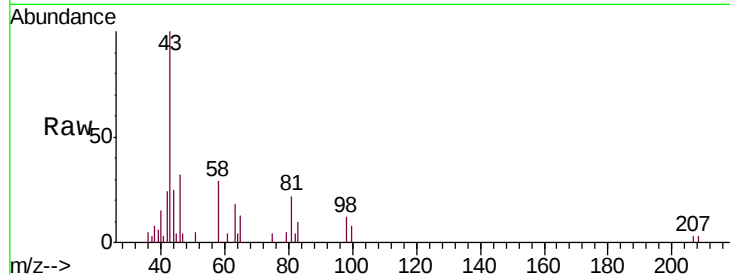




#13
Acetone
Concen: 1.831 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
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Acq: 21 May 2019 18:54

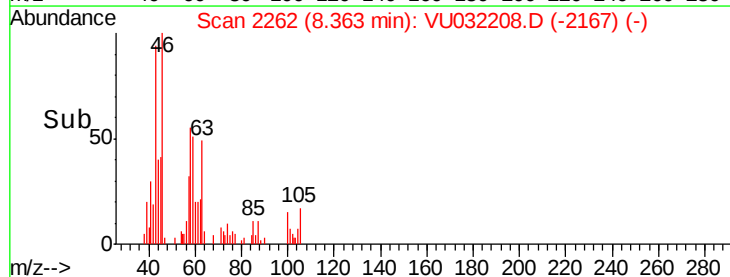
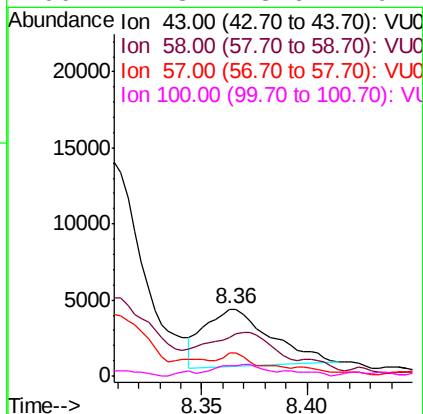
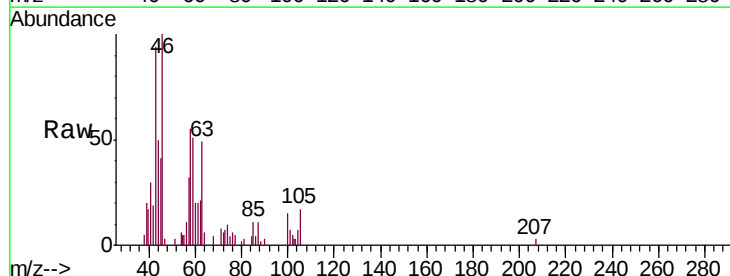
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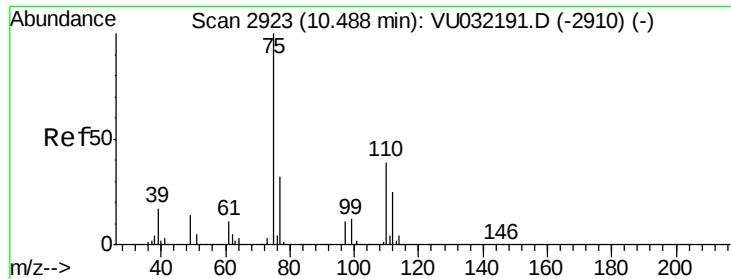
Tgt Ion: 43 Resp: 5879
Ion Ratio Lower Upper
43 100
58 21.8 0.0 76.8



#48
2-Hexanone
Concen: 1.569 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032208.D
Acq: 21 May 2019 18:54

Tgt Ion: 43 Resp: 8270
Ion Ratio Lower Upper
43 100
58 0.0 54.1 81.1#
57 11.9 19.4 29.0#
100 12.3 13.6 20.4#





#59

1,2,3-Trichloropropane

Concen: 4.496 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032208.D

Acq: 21 May 2019 18:54

Instrument :

MSVOA_U

ClientSampleId :

BFHG1

Tgt Ion: 75 Resp: 33484

Ion Ratio Lower Upper

75 100

77 37.5 26.0 39.0

