

Data File : VU030219.D
Acq On : 20 Mar 2019 10:05
Operator : JC/SP
Sample : K1967-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09H5

Quant Time: Mar 22 01:04:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:01:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	522264	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	499787	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	234654	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	165600	46.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.78%
7) Chloroethane-d5	1.68	69	135729	48.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.14%
11) 1,1-Dichloroethene-d2	2.27	63	227791	35.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.72%
21) 2-Butanone-d5	4.18	46	248075	94.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.69%
24) Chloroform-d	4.65	84	299938	46.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.56%
26) 1,2-Dichloroethane-d4	5.31	65	176454	47.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.46%
32) Benzene-d6	5.34	84	648091	49.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.42%
36) 1,2-Dichloropropane-d6	6.33	67	198835	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.58%
41) Toluene-d8	7.56	98	580402	46.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.74%
43) trans-1,3-Dichloropropene-	7.85	79	89782	45.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.50%
47) 2-Hexanone-d5	8.31	63	206462	97.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	297863	47.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	230193	48.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.72%

Target Compounds

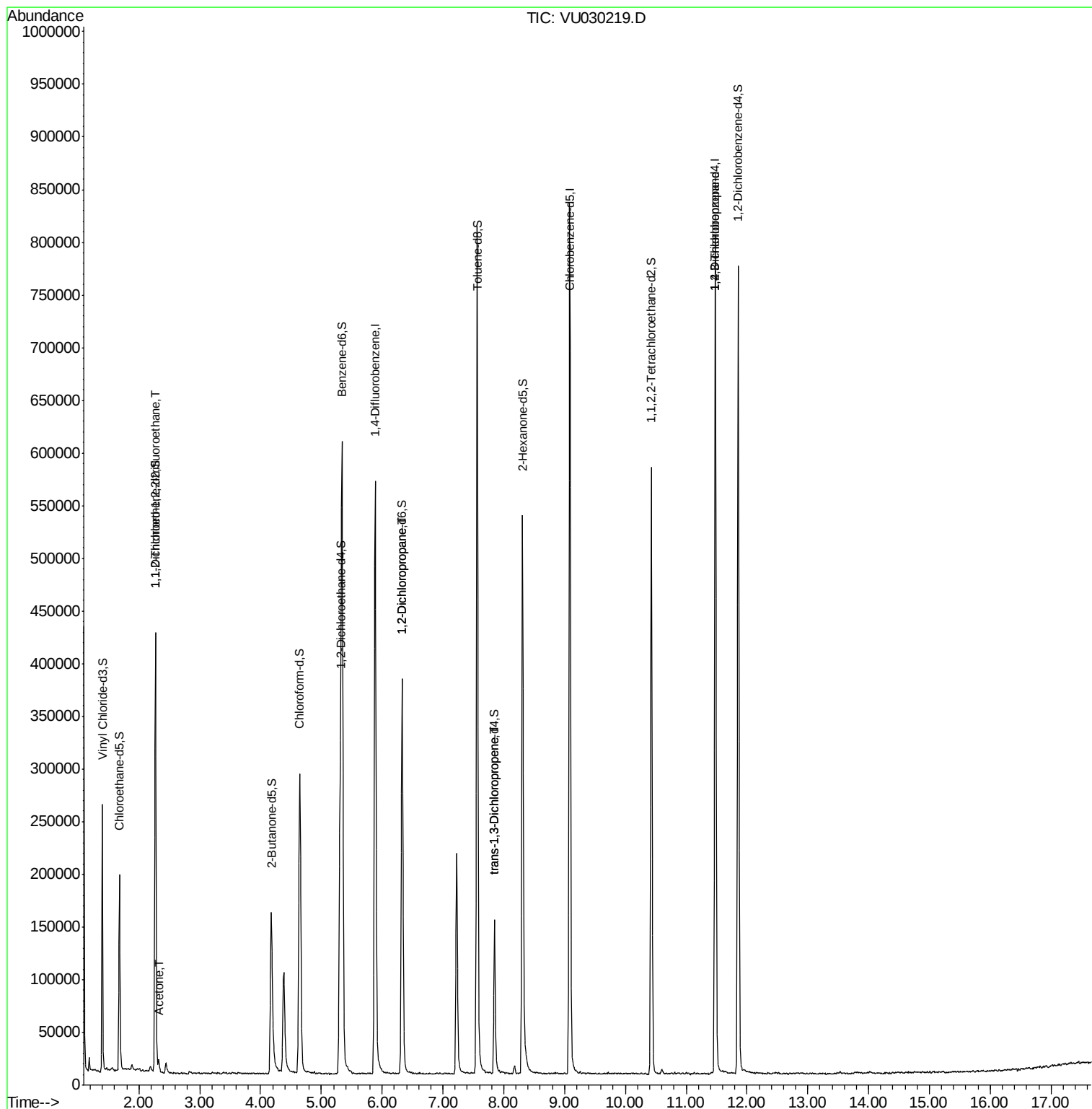
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2423	0.691 ug/L #	18
13) Acetone	2.32	43	8696	3.177 ug/L	97
37) 1,2-Dichloropropane	6.33	63	18862	5.108 ug/L #	88
44) trans-1,3-Dichloropropene	7.85	75	3209	0.626 ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	24137	4.836 ug/L	94

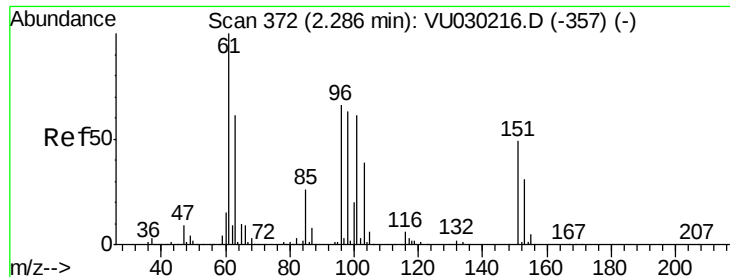
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.691 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030219.D

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MSVOA_U

ClientSampleId :

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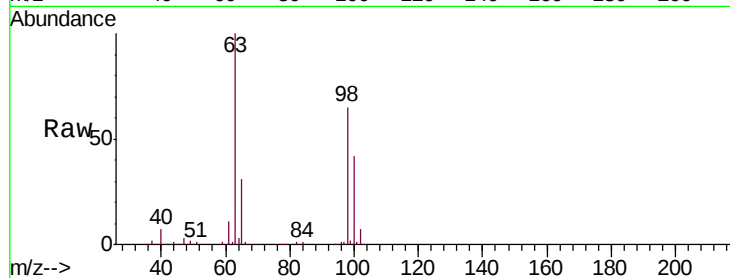
Tgt Ion: 101 Resp: 2423

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

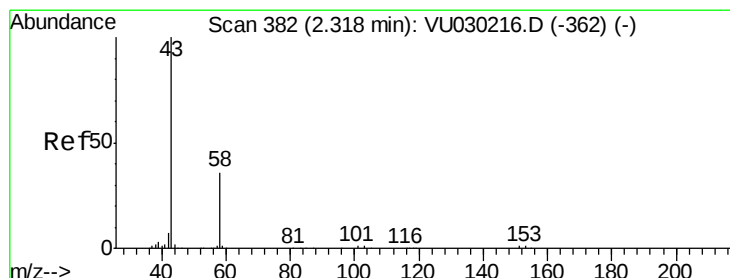
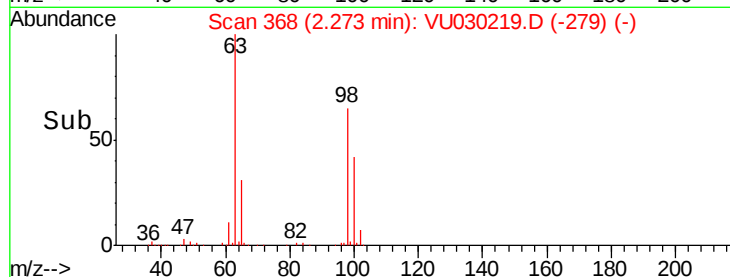
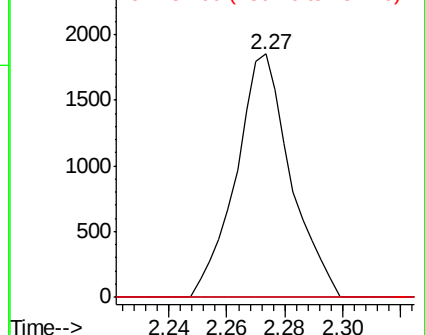
151 0.0 64.7 97.1#



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: 3.177 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.01 min

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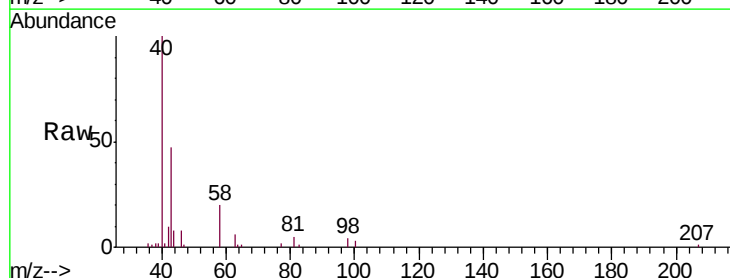
Acq: 20 Mar 2019 10:05

Tgt Ion: 43 Resp: 8696

Ion Ratio Lower Upper

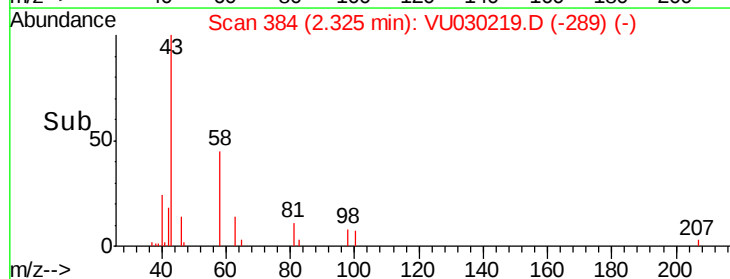
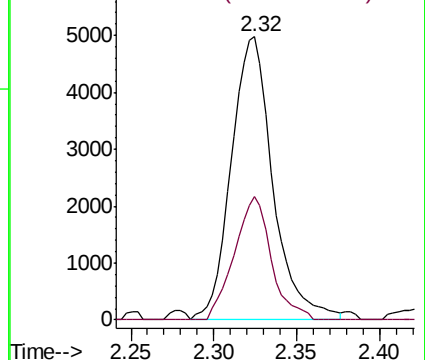
43 100

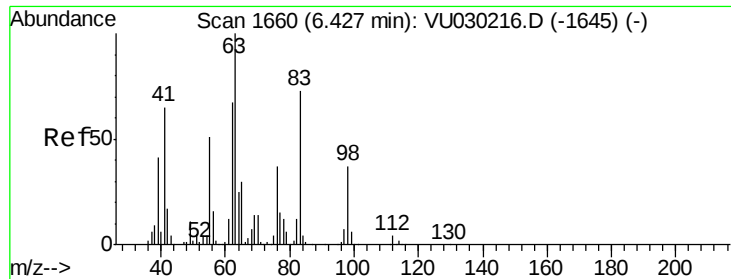
58 38.4 0.0 73.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

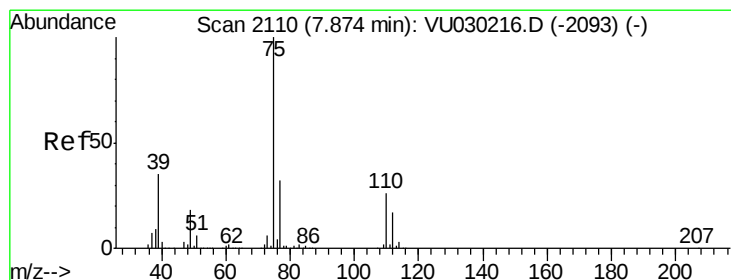
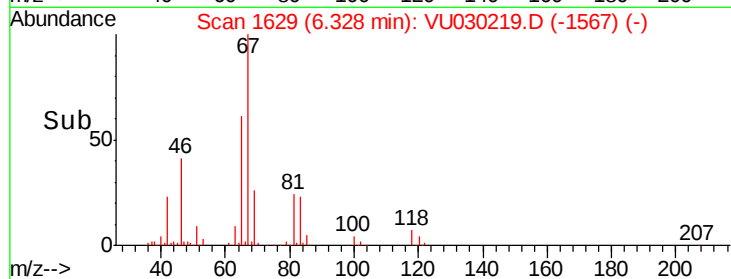
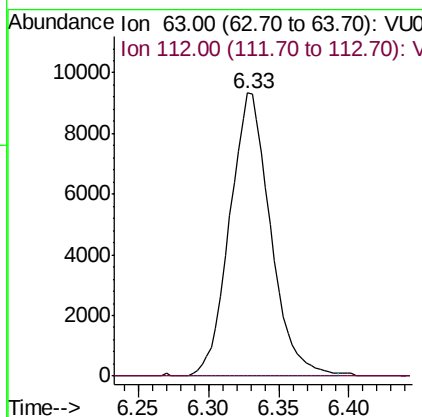
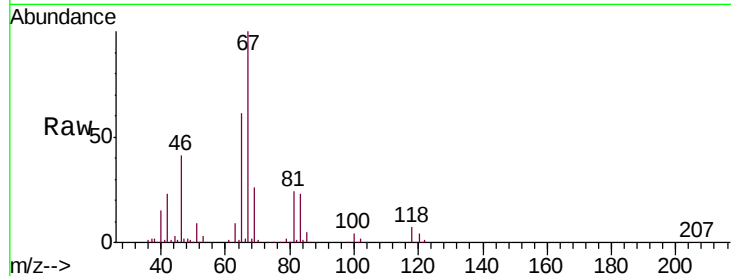




#37
 1,2-Dichloropropane
 Concen: 5.108 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU030219.D
 Acq: 20 Mar 2019 10:05

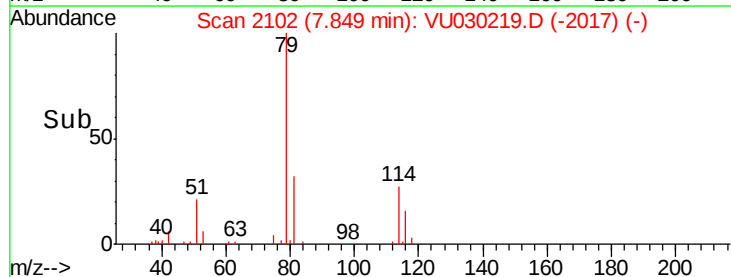
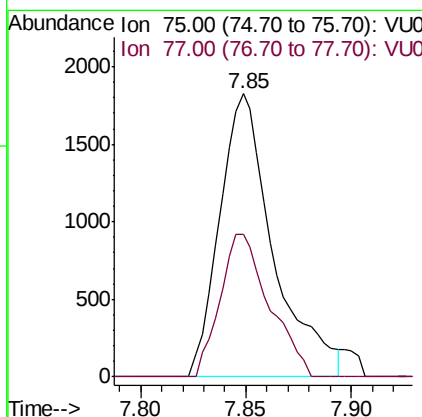
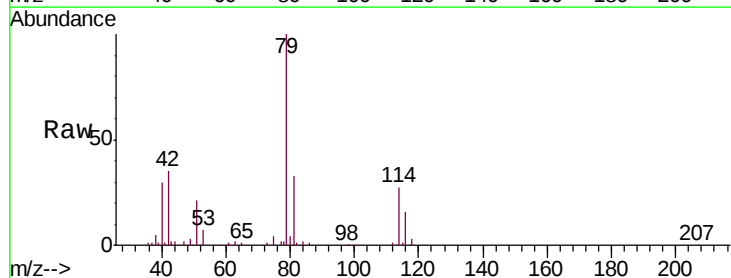
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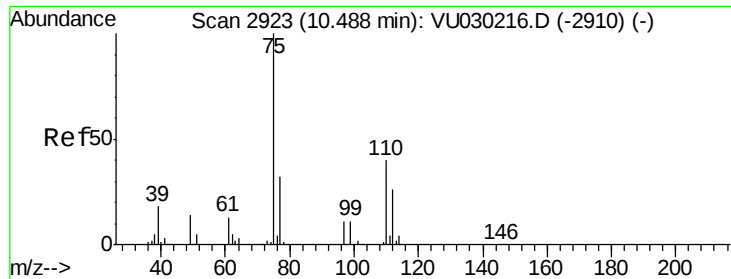
Tgt Ion: 63 Resp: 18862
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#44
 trans-1,3-Dichloropropene
 Concen: 0.626 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU030219.D
 Acq: 20 Mar 2019 10:05

Tgt Ion: 75 Resp: 3209
 Ion Ratio Lower Upper
 75 100
 77 50.4 22.7 42.1#





#59

1,2,3-Trichloropropane

Concen: 4.836 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030219.D

Acq: 20 Mar 2019 10:05

Instrument :

MSVOA_U

ClientSampleId :

C09H5

Tgt Ion: 75 Resp: 24137

Ion Ratio Lower Upper

75 100

77 35.6 25.8 38.8

