

Data File : VU032027.D
Acq On : 15 May 2019 13:23
Operator : JC/SP
Sample : K2862-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFHJ9

Quant Time: May 16 04:28:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 04:24:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1063205	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1028311	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	399859	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	343041	36.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.54%
7) Chloroethane-d5	1.67	69	305292	40.41	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.82%
11) 1,1-Dichloroethene-d2	2.27	63	498167	29.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.58%#
21) 2-Butanone-d5	4.17	46	774994	118.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.63%
24) Chloroform-d	4.64	84	651248	41.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	5.30	65	426689	43.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.76%
32) Benzene-d6	5.34	84	1376574	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.48%
36) 1,2-Dichloropropane-d6	6.32	67	461082	46.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.88%
41) Toluene-d8	7.56	98	1173043	43.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.96%
43) trans-1,3-Dichloropropene-	7.85	79	186781	43.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.20%
47) 2-Hexanone-d5	8.31	63	530635	133.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	133.22%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	690955	47.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	404855	48.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.24%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4731	0.598 ug/L #	23
13) Acetone	2.32	43	31129	4.635 ug/L	98
44) trans-1,3-Dichloropropene	7.84	75	6955	0.617 ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	50627	4.290 ug/L	93

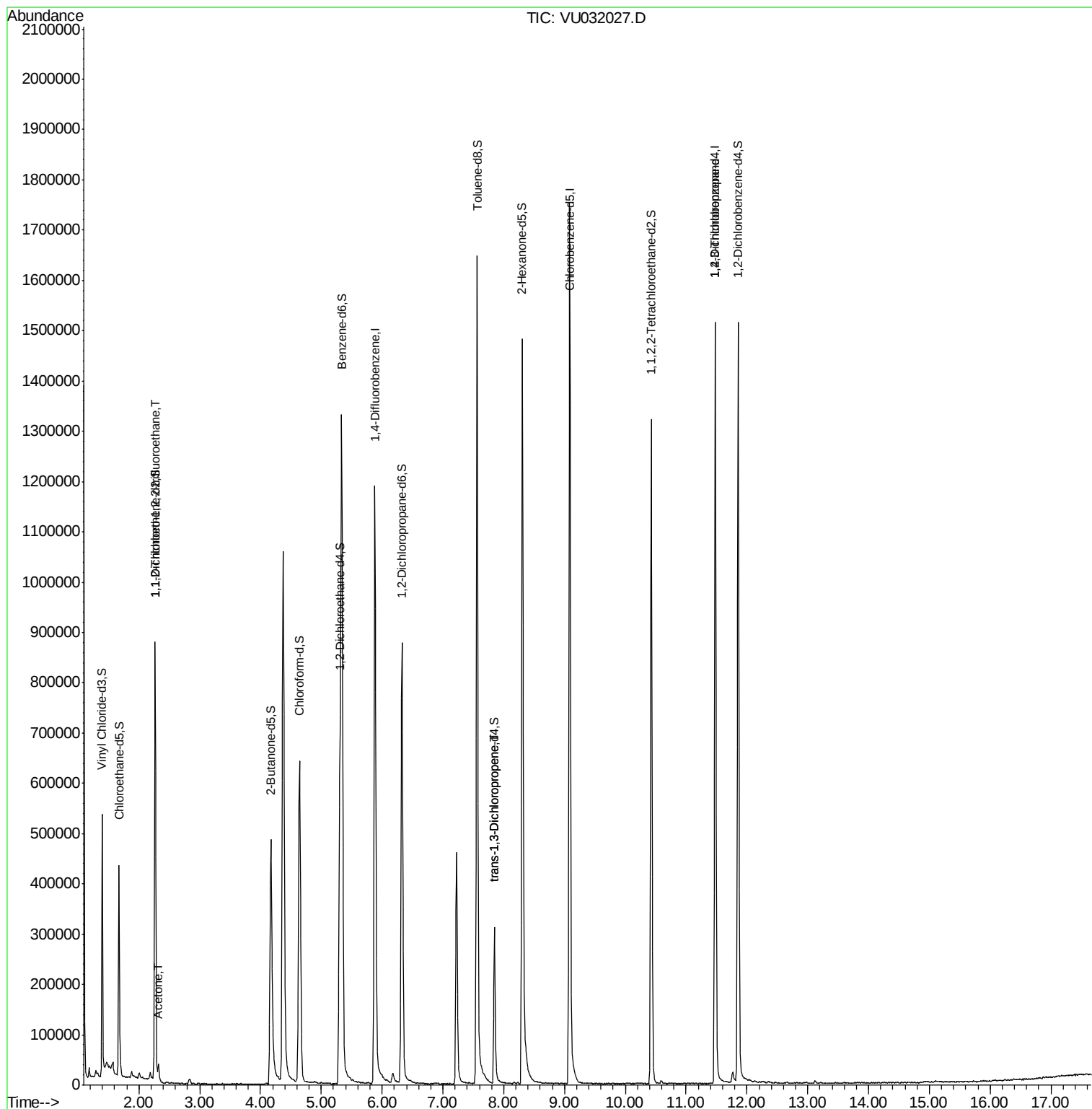
(#) = qualifier out of range (m) = manual integration (+) = signals summed

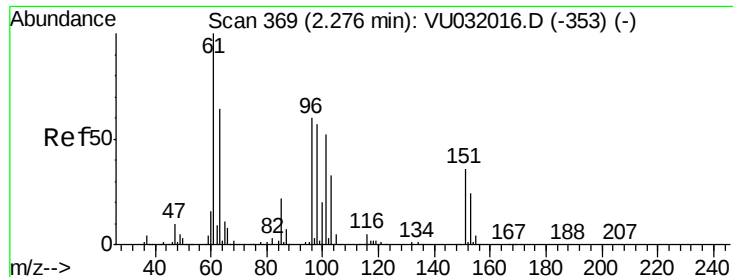
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#10

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

Concen: 0.598 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Acq: 15 May 2019 13:23

Instrument :

MSVOA_U

ClientSampleId :

BFHJ9

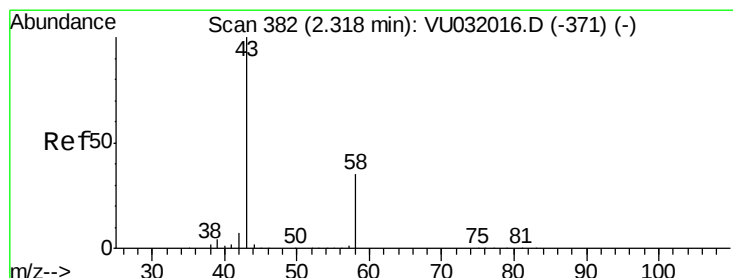
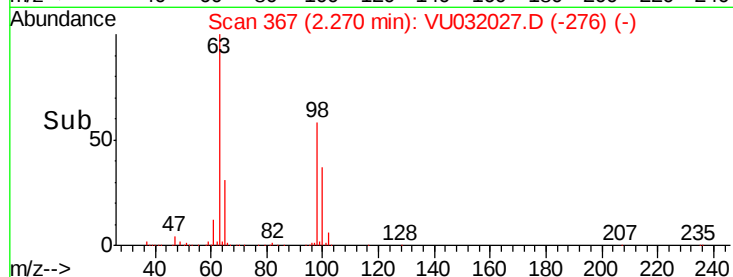
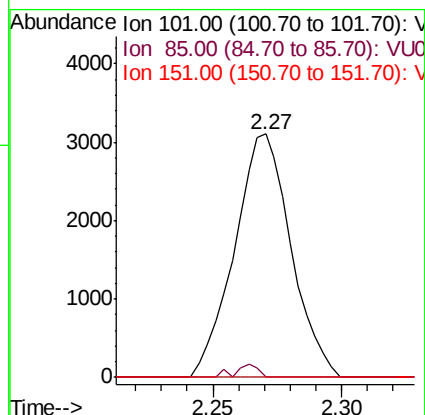
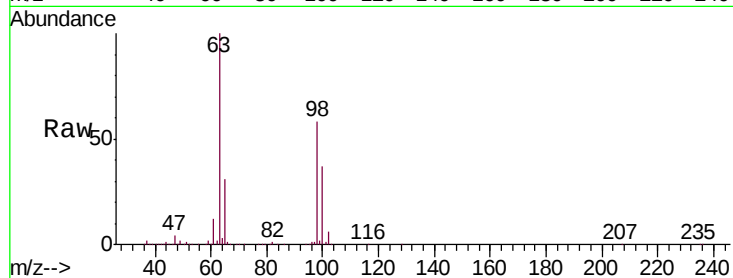
Tgt Ion: 101 Resp: 4731

Ion Ratio Lower Upper

101 100

85 1.7 34.1 51.1#

151 0.0 55.8 83.8#



#13

Acetone

Concen: 4.635 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032027.D

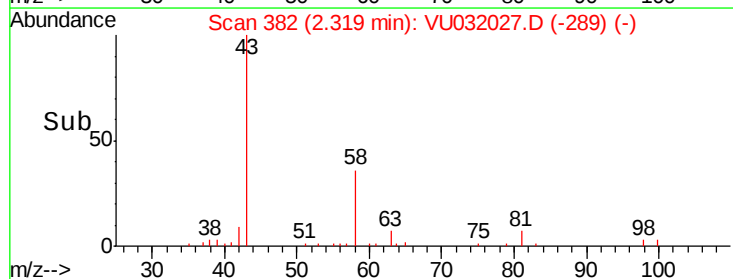
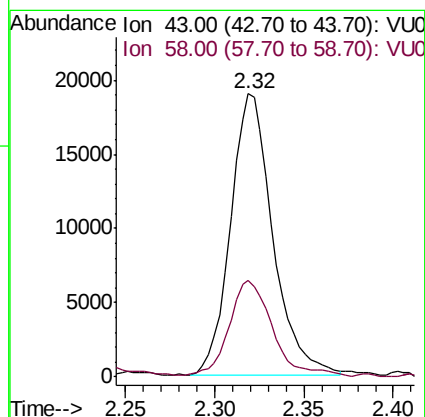
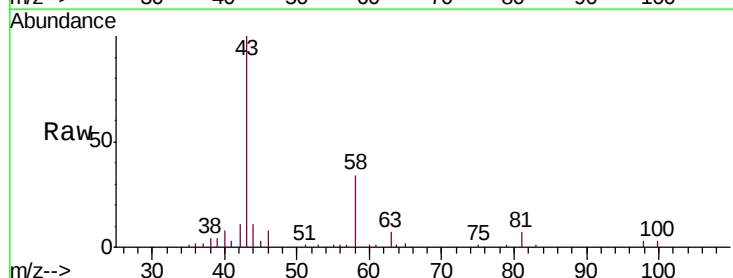
Acq: 15 May 2019 13:23

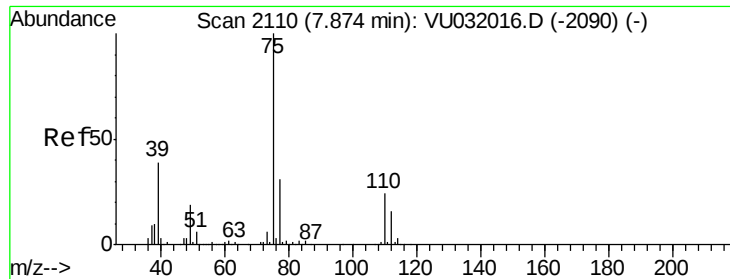
Tgt Ion: 43 Resp: 31129

Ion Ratio Lower Upper

43 100

58 33.0 0.0 68.2





#44

trans-1,3-Dichloropropene

Concen: 0.617 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.03 min

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Acq: 15 May 2019 13:23

Instrument :

MSVOA_U

ClientSampleId :

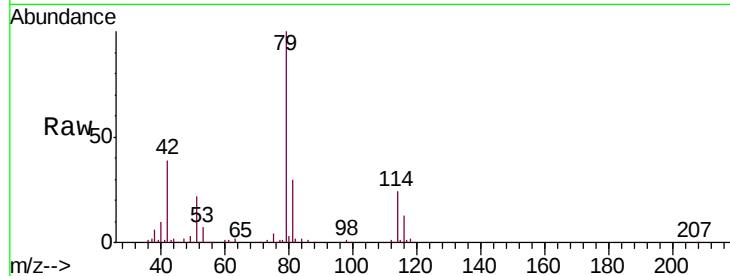
BFHJ9

Tgt Ion: 75 Resp: 6955

Ion Ratio Lower Upper

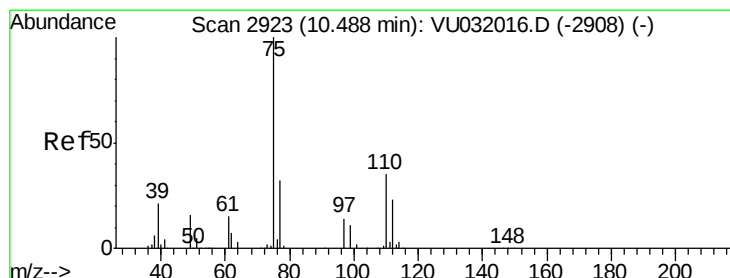
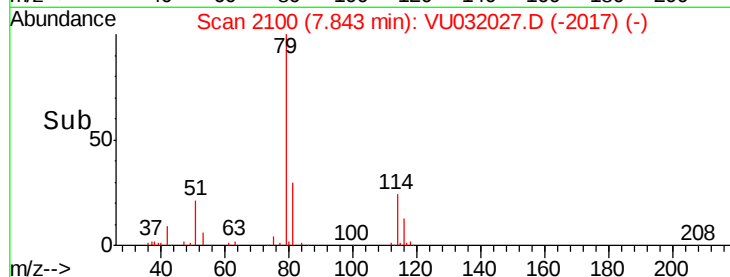
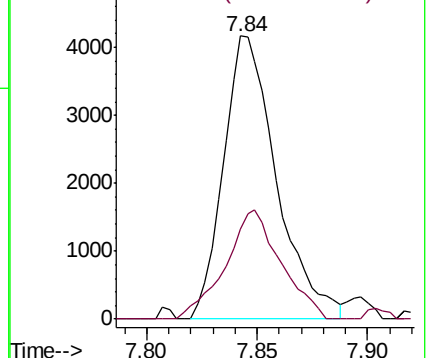
75 100

77 31.6 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VU032016.D (-2090) (-)

Ion 77.00 (76.70 to 77.70): VU032016.D (-2090) (-)



#59

1,2,3-Trichloropropane

Concen: 4.290 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032027.D

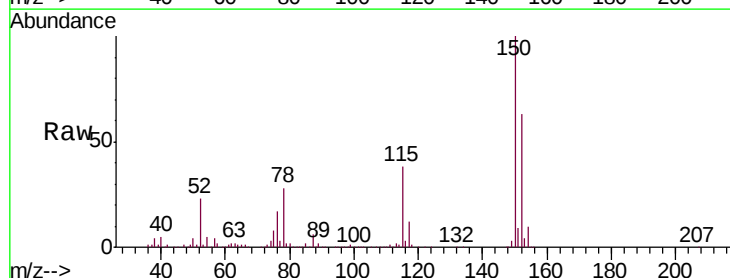
Acq: 15 May 2019 13:23

Tgt Ion: 75 Resp: 50627

Ion Ratio Lower Upper

75 100

77 35.9 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU032016.D (-2908) (-)

Ion 77.00 (76.70 to 77.70): VU032016.D (-2908) (-)

