

Data File : VU031548.D
Acq On : 26 Apr 2019 22:20
Operator : JC/SP
Sample : K2536-20 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X08

Quant Time: Apr 27 03:30:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 03:26:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	864115	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	797678	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	316026	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	368794	50.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.98%
7) Chloroethane-d5	1.68	69	283557	50.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.48%
11) 1,1-Dichloroethene-d2	2.27	63	520632	36.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.30%
21) 2-Butanone-d5	4.18	46	672487	102.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.63%
24) Chloroform-d	4.64	84	609168	45.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.98%
26) 1,2-Dichloroethane-d4	5.31	65	393810	45.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.02%
32) Benzene-d6	5.34	84	1292675	52.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.54%
36) 1,2-Dichloropropane-d6	6.32	67	435634	50.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.10%
41) Toluene-d8	7.56	98	1085417	50.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.76%
43) trans-1,3-Dichloropropene-	7.85	79	179390	48.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.98%
47) 2-Hexanone-d5	8.31	63	429257	115.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	563322	48.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	349888	52.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.30%

Target Compounds

						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4761	0.687	ug/L #	22
12) 1,1-Dichloroethene	2.27	96	3866	0.573	ug/L #	1
13) Acetone	2.33	43	3962	0.537	ug/L	84
44) trans-1,3-Dichloropropene	7.85	75	6604	0.662	ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	41704	4.225	ug/L	93

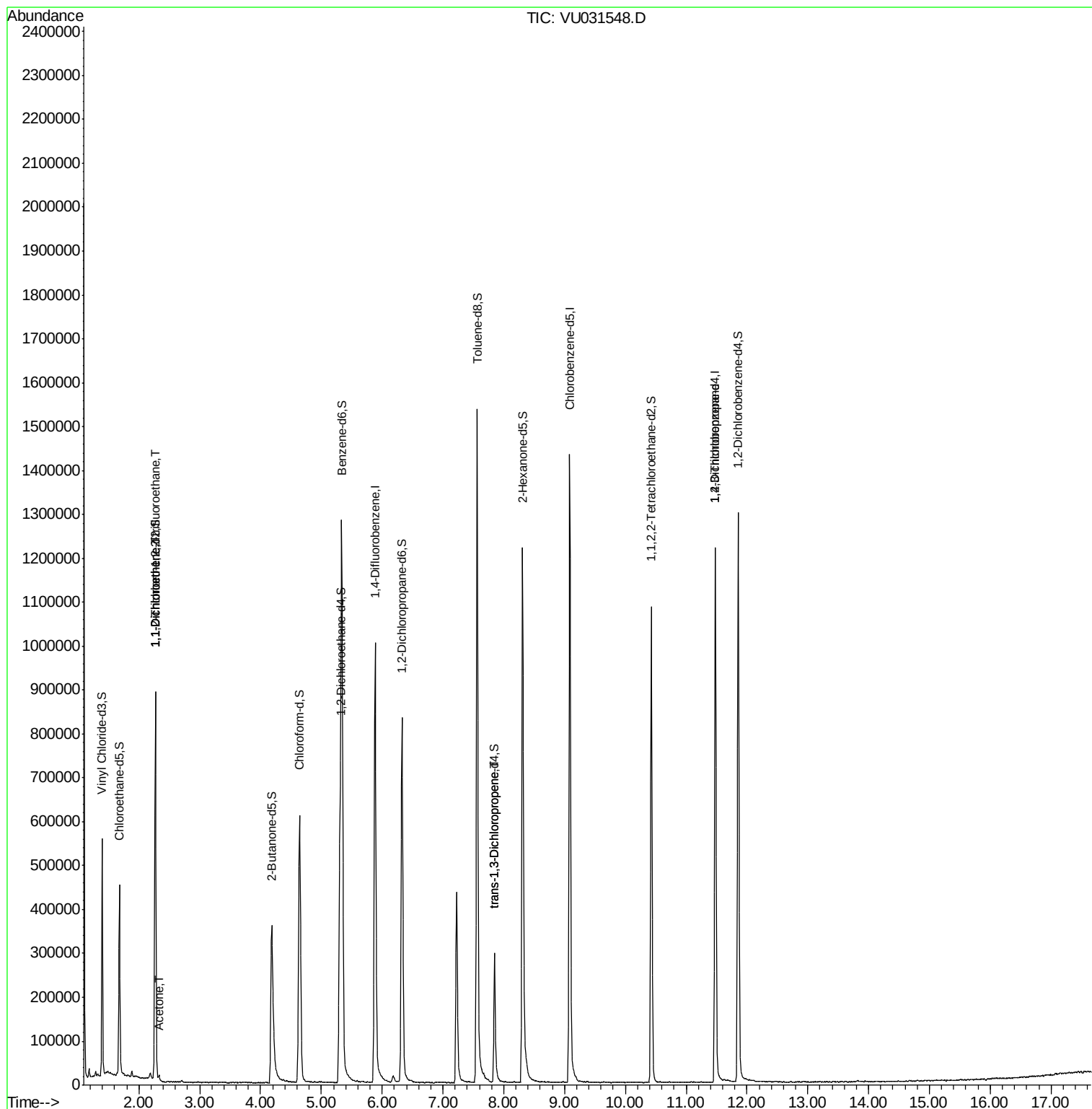
(#) = qualifier out of range (m) = manual integration (+) = signals summed

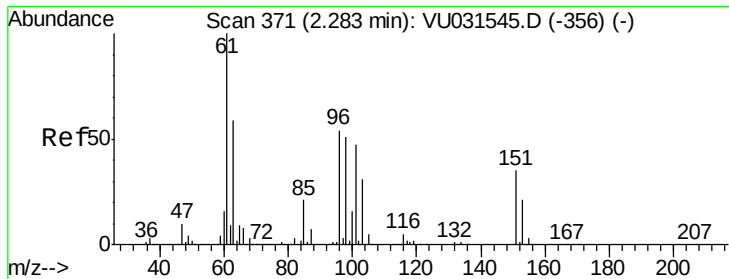
Data File : VU031548.D

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Instrument :
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Response via : Initial Calibration





#10

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

Concen: 0.687 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU031548.D

Acq: 26 Apr 2019 22:20

Instrument :

MSVOA_U

ClientSampleId :

C0X08

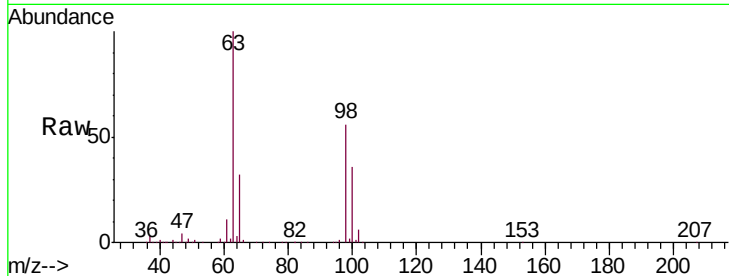
Tgt Ion: 101 Resp: 4761

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

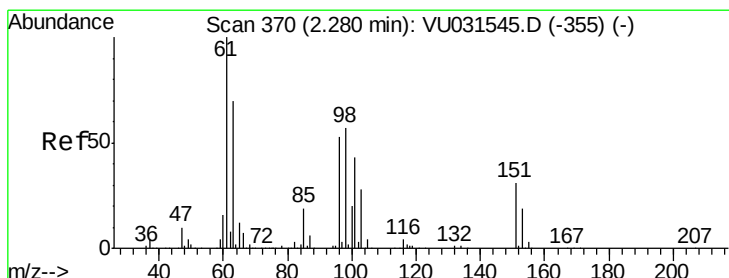
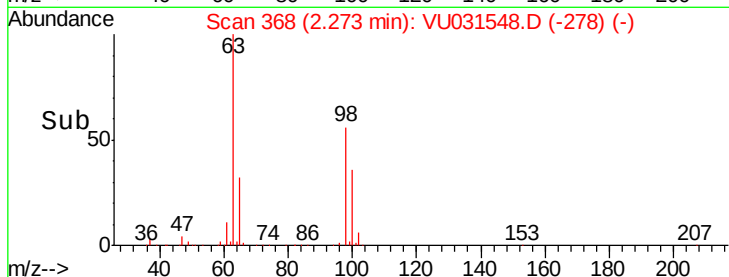
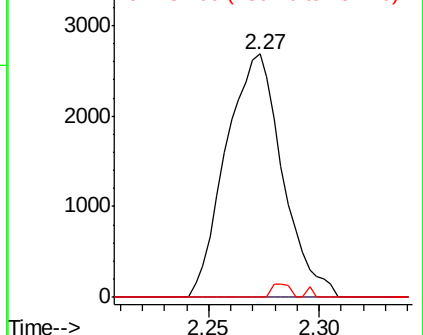
151 1.7 56.1 84.1#



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



#12

1,1-Dichloroethene

Concen: 0.573 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031548.D

Acq: 26 Apr 2019 22:20

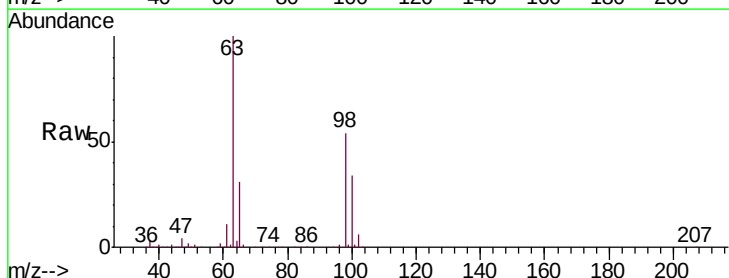
Tgt Ion: 96 Resp: 3866

Ion Ratio Lower Upper

96 100

61 1588.0 135.0 250.6#

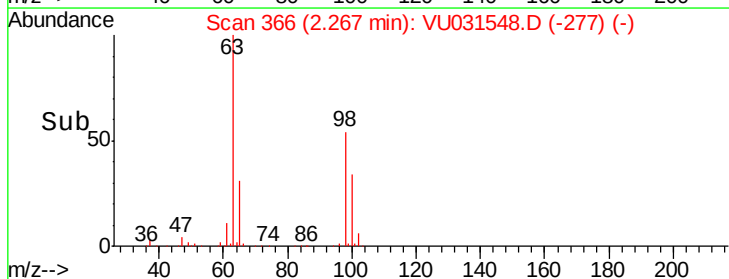
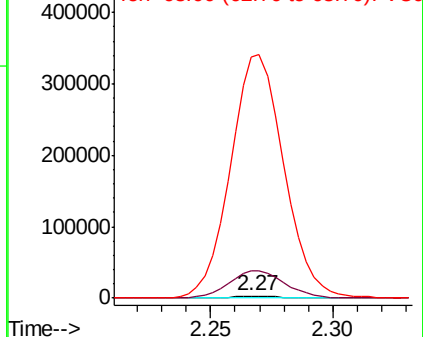
63 14025.6 103.5 192.3#

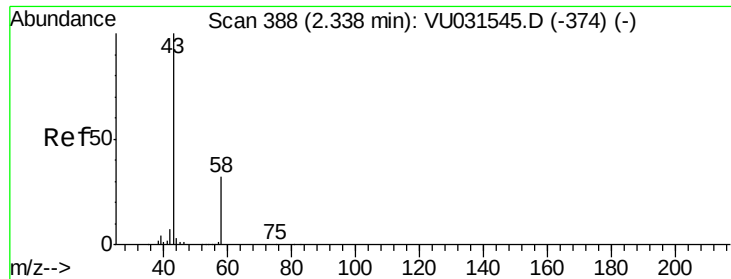


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.537 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.00 min

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Acq: 26 Apr 2019 22:20

Instrument :

MSVOA_U

ClientSampled :

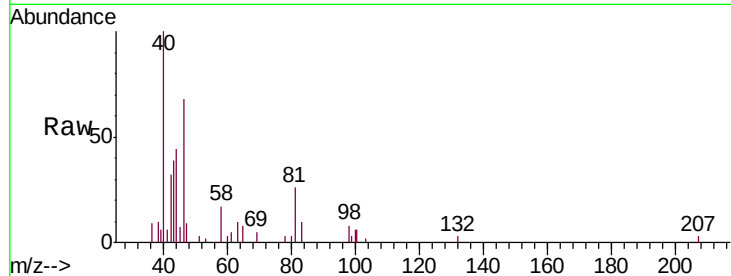
C0X08

Tgt Ion: 43 Resp: 3962

Ion Ratio Lower Upper

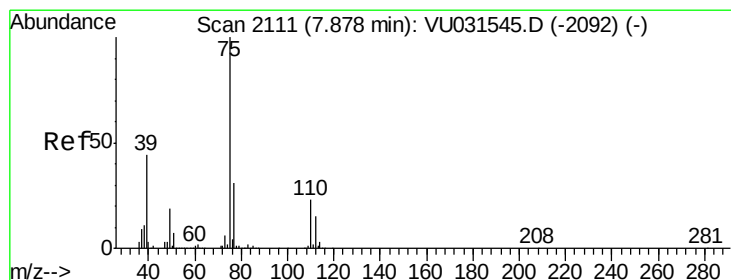
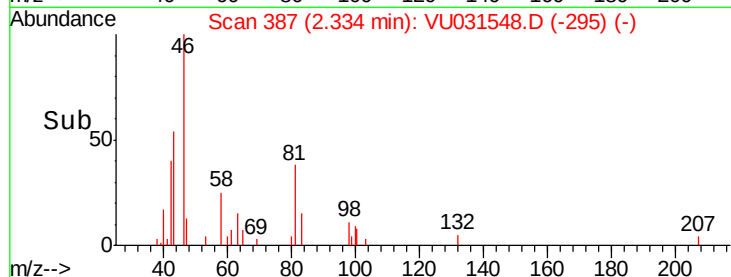
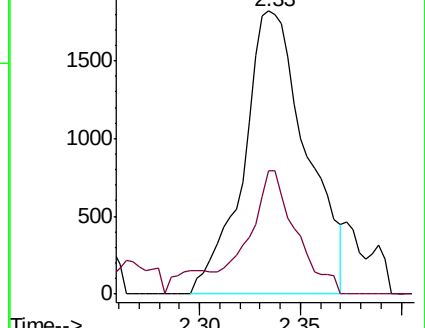
43 100

58 23.1 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU031545.D (-374) (-)

Ion 58.00 (57.70 to 58.70): VU031545.D (-374) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.662 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU031548.D

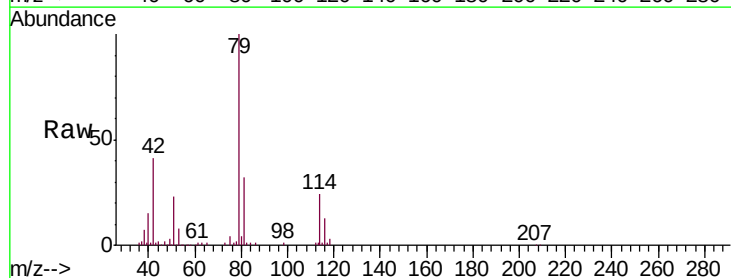
Acq: 26 Apr 2019 22:20

Tgt Ion: 75 Resp: 6604

Ion Ratio Lower Upper

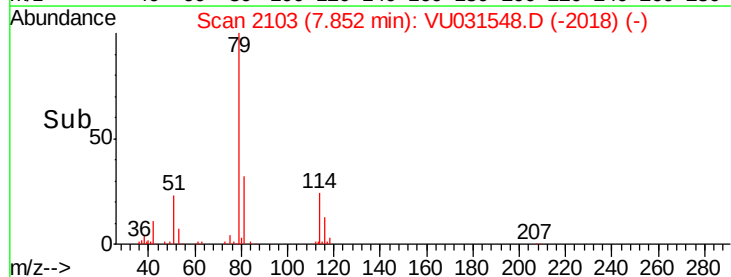
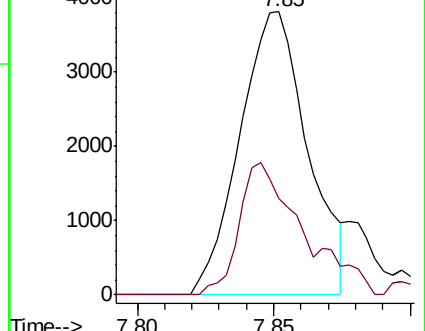
75 100

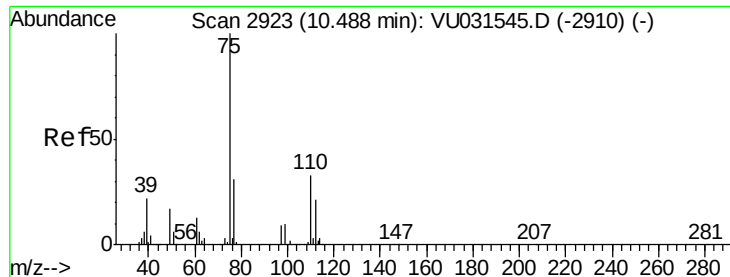
77 34.1 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU031545.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU031545.D (-2092) (-)





#59
 1,2,3-Trichloropropane
 Concen: 4.225 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031548.D
 Acq: 26 Apr 2019 22:20

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X08

Tgt Ion: 75 Resp: 41704
 Ion Ratio Lower Upper
 75 100
 77 36.2 25.9 38.9

