

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031119\
 Data File : VU029894.D
 Acq On : 08 Mar 2019 17:47
 Operator : JC/SP
 Sample : K1796-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF5P9

Quant Time: Mar 08 22:18:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 22:13:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	466423	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	452794	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	210799	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	126034	36.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.76%
7) Chloroethane-d5	1.68	69	113867	37.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.96%
11) 1,1-Dichloroethene-d2	2.27	63	179383	26.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.70%#
21) 2-Butanone-d5	4.17	46	219626	105.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.59%
24) Chloroform-d	4.65	84	267689	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.58%
26) 1,2-Dichloroethane-d4	5.31	65	167083	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.22%
32) Benzene-d6	5.34	84	558354	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.02%
36) 1,2-Dichloropropane-d6	6.33	67	178896	52.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.38%
41) Toluene-d8	7.56	98	511116	43.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.92%
43) trans-1,3-Dichloropropene-	7.85	79	79275	43.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.20%
47) 2-Hexanone-d5	8.31	63	177327	92.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	274698	47.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	216520	47.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.32%

Target Compounds

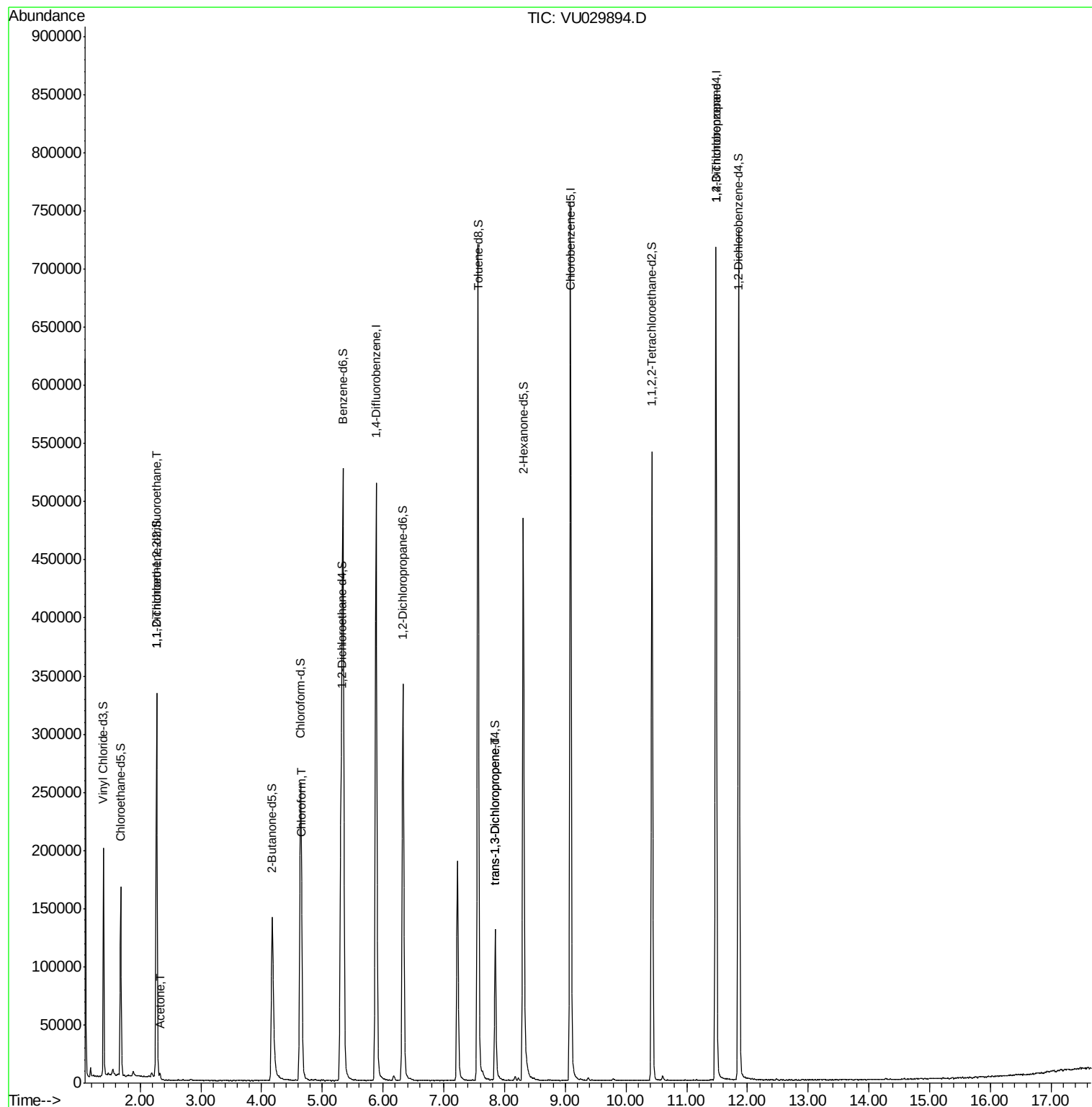
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1956	0.602 ug/L #	18
13) Acetone	2.32	43	2409	1.084 ug/L	59
25) Chloroform	4.67	83	5074	0.923 ug/L	77
44) trans-1,3-Dichloropropene	7.85	75	3198	0.690 ug/L #	74
59) 1,2,3-Trichloropropane	11.48	75	21219	4.884 ug/L #	88

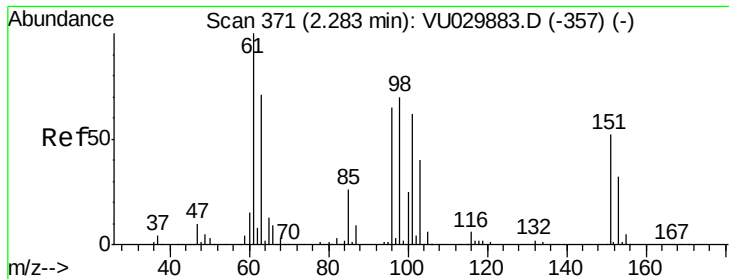
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 08 22:13:16 2019
Response via : Initial Calibration





#10

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

Concen: 0.602 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029894.D

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ClientSampleId :

BF5P9

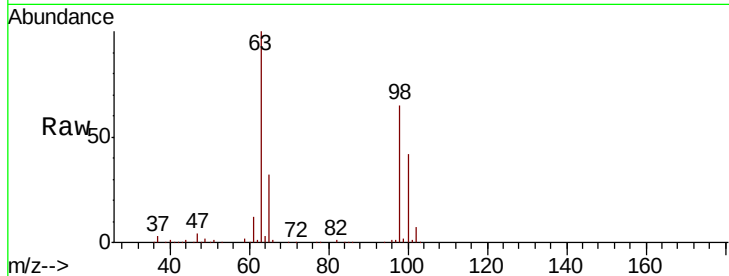
Tgt Ion: 101 Resp: 1956

Ion Ratio Lower Upper

101 100

85 2.4 33.0 49.6#

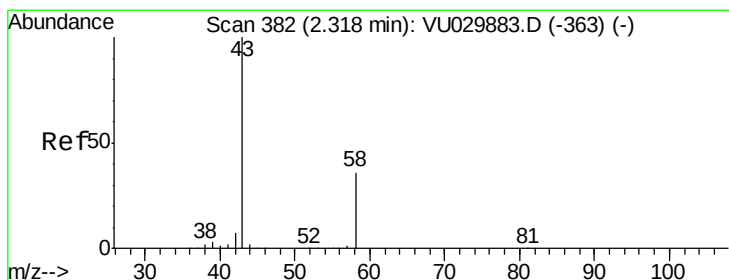
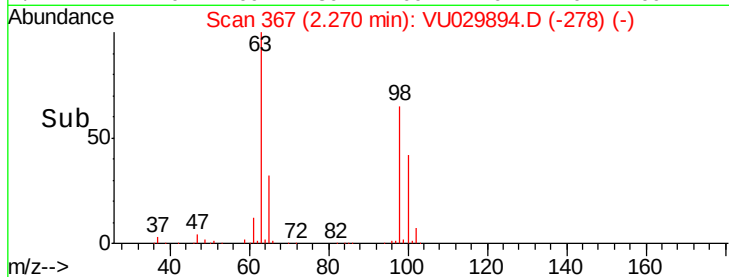
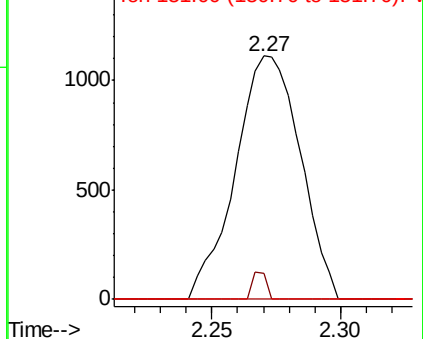
151 0.0 65.7 98.5#



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: 1.084 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.01 min

Lab File: VU029894.D

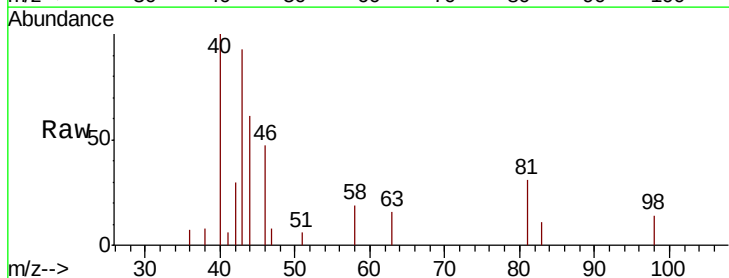
Acq: 08 Mar 2019 17:47

Tgt Ion: 43 Resp: 2409

Ion Ratio Lower Upper

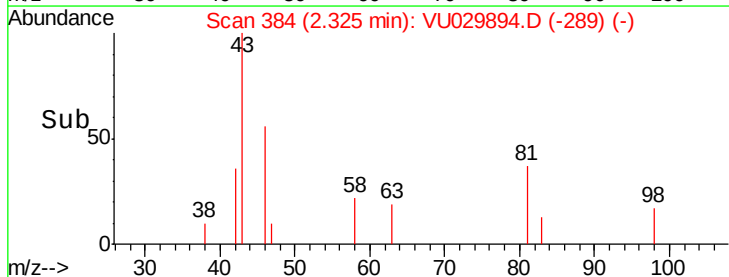
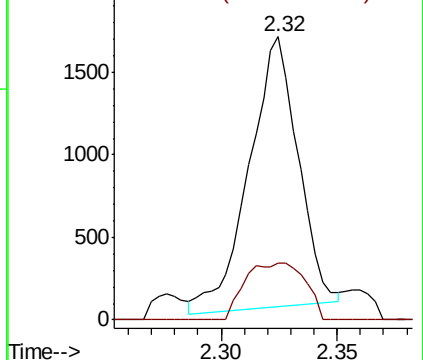
43 100

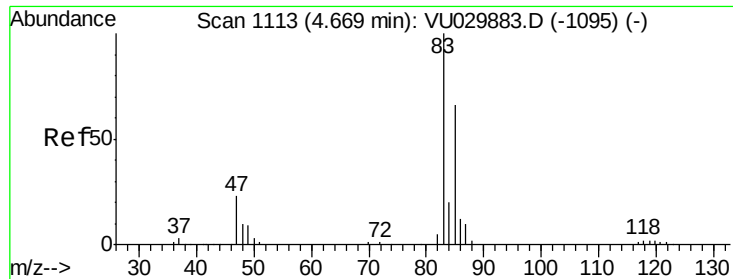
58 9.9 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

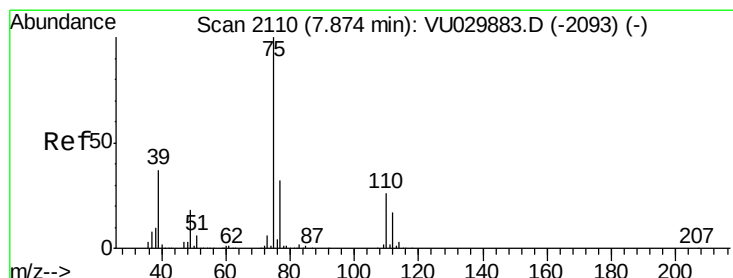
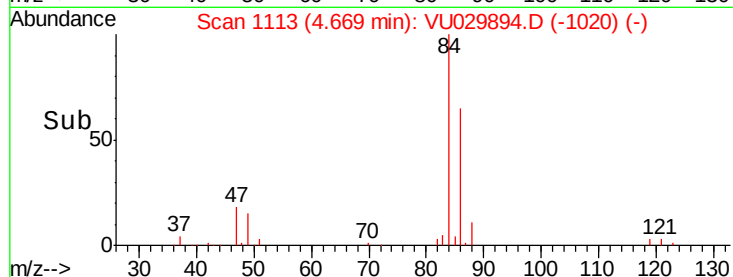
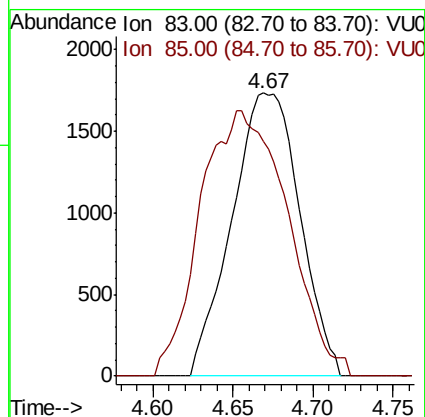
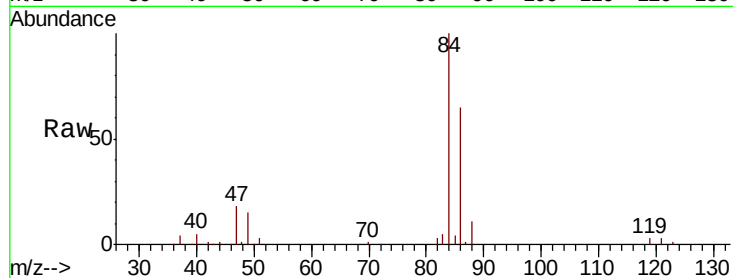




#25
Chloroform
Concen: 0.923 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU029894.D
Acq: 08 Mar 2019 17:47

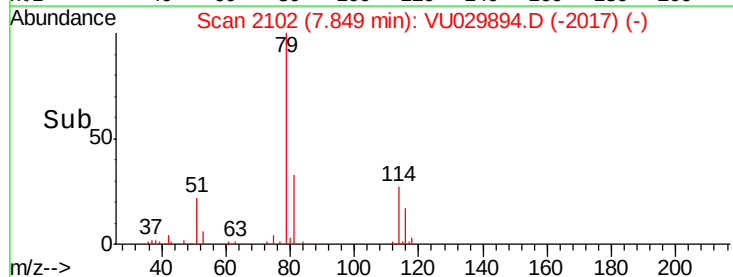
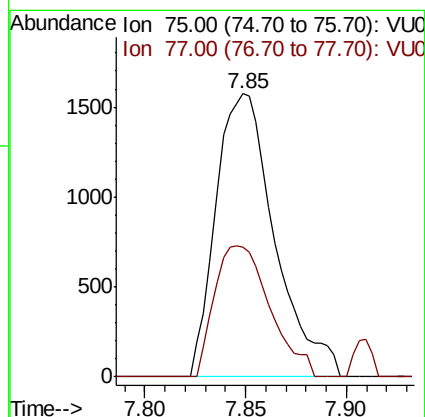
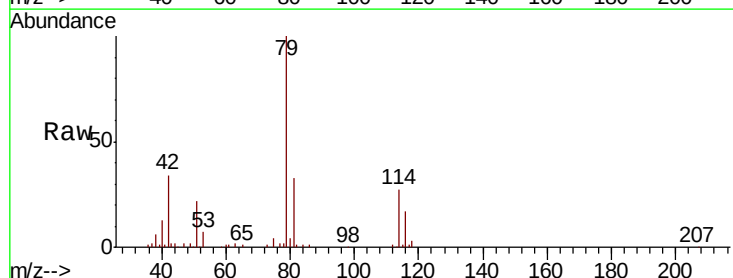
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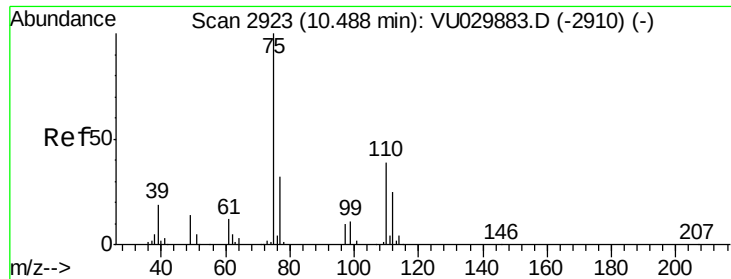
Tgt Ion: 83 Resp: 5074
Ion Ratio Lower Upper
83 100
85 82.9 45.4 84.2



#44
trans-1,3-Dichloropropene
Concen: 0.690 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU029894.D
Acq: 08 Mar 2019 17:47

Tgt Ion: 75 Resp: 3198
Ion Ratio Lower Upper
75 100
77 46.1 22.1 41.1#





#59

1,2,3-Trichloropropane

Concen: 4.884 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029894.D

Acq: 08 Mar 2019 17:47

Instrument :

MSVOA_U

ClientSampleId :

BF5P9

Tgt Ion: 75 Resp: 21219

Ion Ratio Lower Upper

75 100

77 38.6 25.7 38.5#

