

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031119\
 Data File : VU029885.D
 Acq On : 08 Mar 2019 14:18
 Operator : JC/SP
 Sample : K1734-13 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1E3

Quant Time: Mar 08 22:17:58 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	484423	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	469408	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	220112	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	128163	36.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.22%
7) Chloroethane-d5	1.68	69	114883	36.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.80%
11) 1,1-Dichloroethene-d2	2.27	63	183554	26.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.90%#
21) 2-Butanone-d5	4.17	46	223238	103.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.34%
24) Chloroform-d	4.64	84	251840	43.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.48%
26) 1,2-Dichloroethane-d4	5.31	65	163659	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.80%
32) Benzene-d6	5.34	84	558529	47.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.58%
36) 1,2-Dichloropropane-d6	6.32	67	175685	49.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.88%
41) Toluene-d8	7.56	98	507640	42.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.22%
43) trans-1,3-Dichloropropene-	7.85	79	78758	41.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.56%
47) 2-Hexanone-d5	8.31	63	174916	88.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.39%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	269822	44.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	210658	44.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.82%

Target Compounds

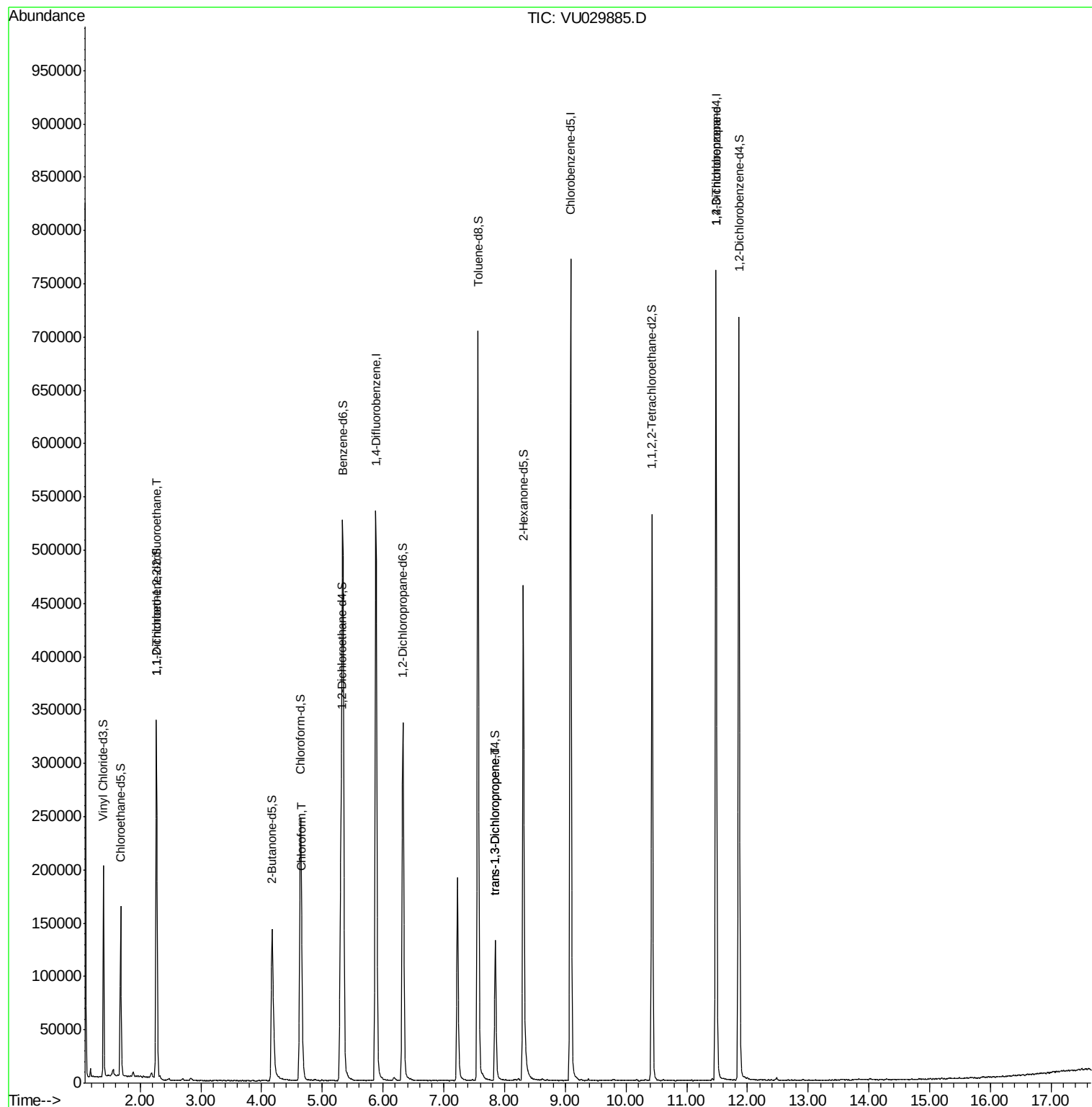
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2097	0.621 ug/L #	19
25) Chloroform	4.67	83	16155	2.828 ug/L	95
44) trans-1,3-Dichloropropene	7.85	75	3837	0.799 ug/L #	80
59) 1,2,3-Trichloropropane	11.48	75	22850	5.073 ug/L	94

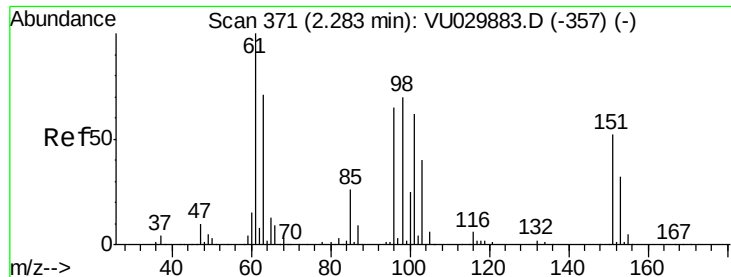
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.621 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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ClientSampleId :

BF1E3

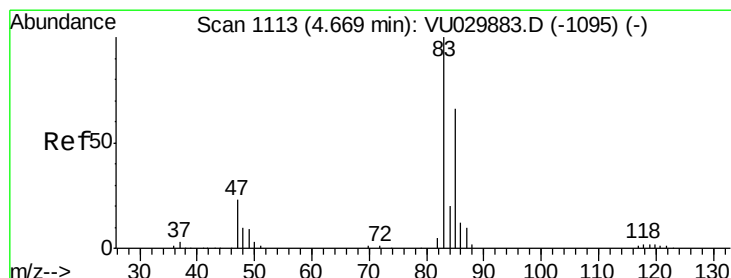
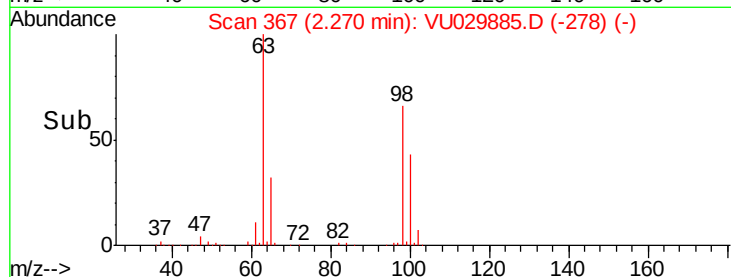
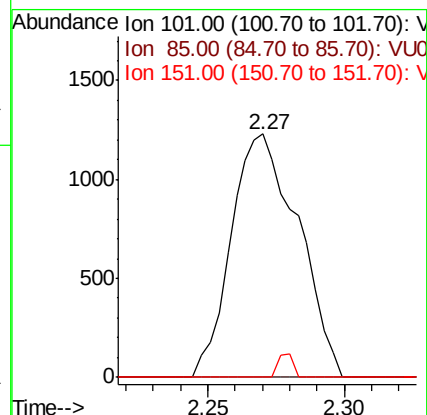
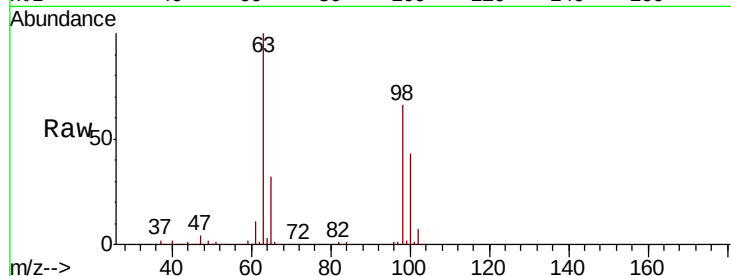
Tgt Ion: 101 Resp: 2097

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

151 2.2 65.7 98.5#



#25

Chloroform

Concen: 2.828 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU029885.D

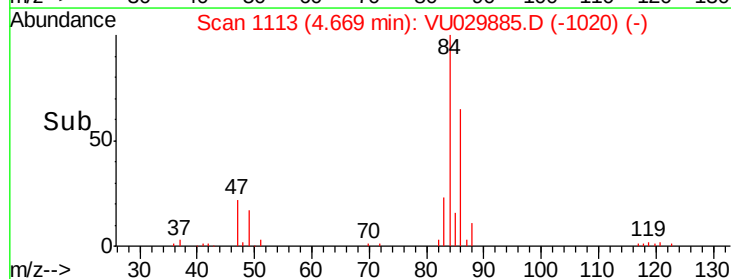
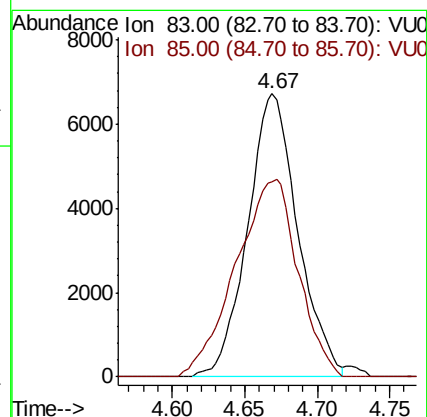
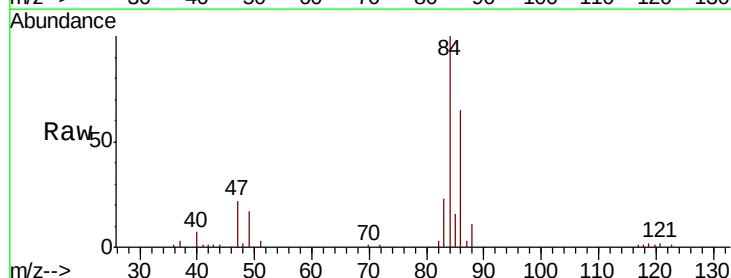
Acq: 08 Mar 2019 14:18

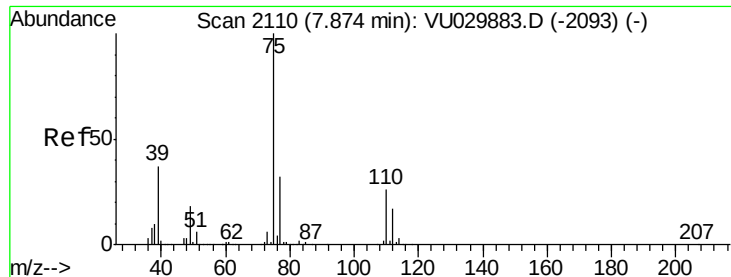
Tgt Ion: 83 Resp: 16155

Ion Ratio Lower Upper

83 100

85 68.8 45.4 84.2





#44

trans-1,3-Dichloropropene

Concen: 0.799 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

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Instrument :

MSVOA_U

ClientSampleId :

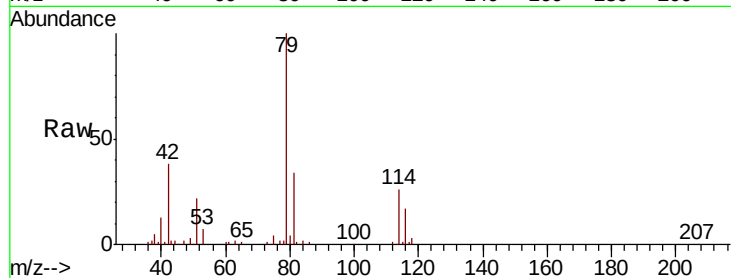
BF1E3

Tgt Ion: 75 Resp: 3837

Ion Ratio Lower Upper

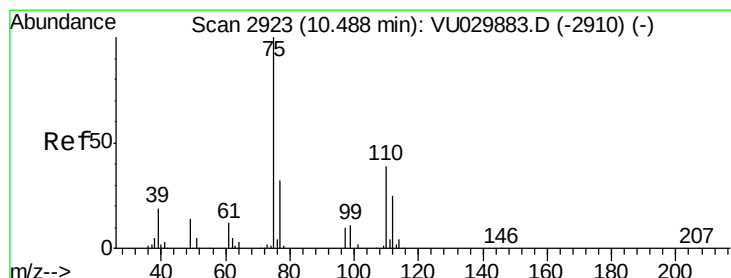
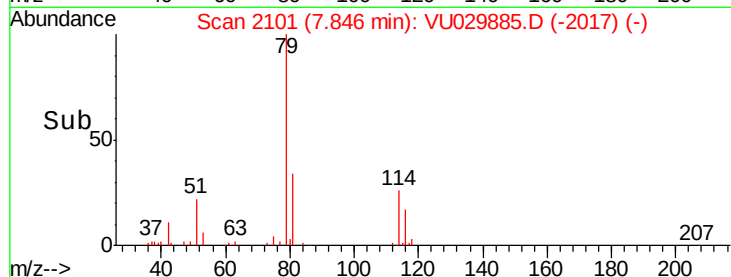
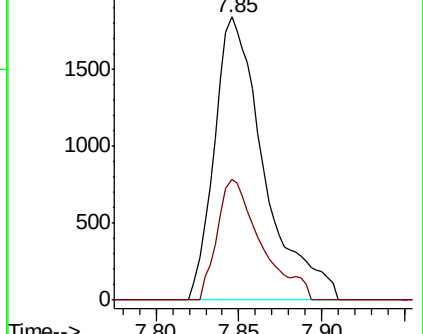
75 100

77 42.6 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 5.073 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029885.D

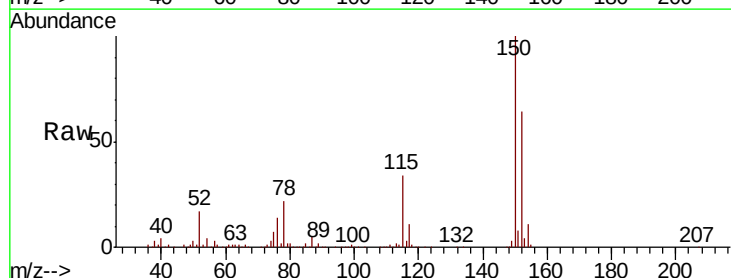
Acq: 08 Mar 2019 14:18

Tgt Ion: 75 Resp: 22850

Ion Ratio Lower Upper

75 100

77 35.3 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

