

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
 Data File : VU030678.D
 Acq On : 04 Apr 2019 11:43
 Operator : JC/SP
 Sample : K2215-01 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2L7

Quant Time: Apr 04 13:21:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 13:18:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	523949	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	505044	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	215175	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	212032	50.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.56%
7) Chloroethane-d5	1.68	69	168991	50.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.12%
11) 1,1-Dichloroethene-d2	2.27	63	292289	36.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.08%
21) 2-Butanone-d5	4.17	46	368681	93.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.01%
24) Chloroform-d	4.64	84	314736	43.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.64%
26) 1,2-Dichloroethane-d4	5.31	65	225950	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.06%
32) Benzene-d6	5.34	84	697433	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.30%
36) 1,2-Dichloropropane-d6	6.33	67	239409	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.62%
41) Toluene-d8	7.56	98	591668	45.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.98%
43) trans-1,3-Dichloropropene-	7.85	79	102474	43.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.96%
47) 2-Hexanone-d5	8.31	63	223466	83.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	319139	45.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	211238	49.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

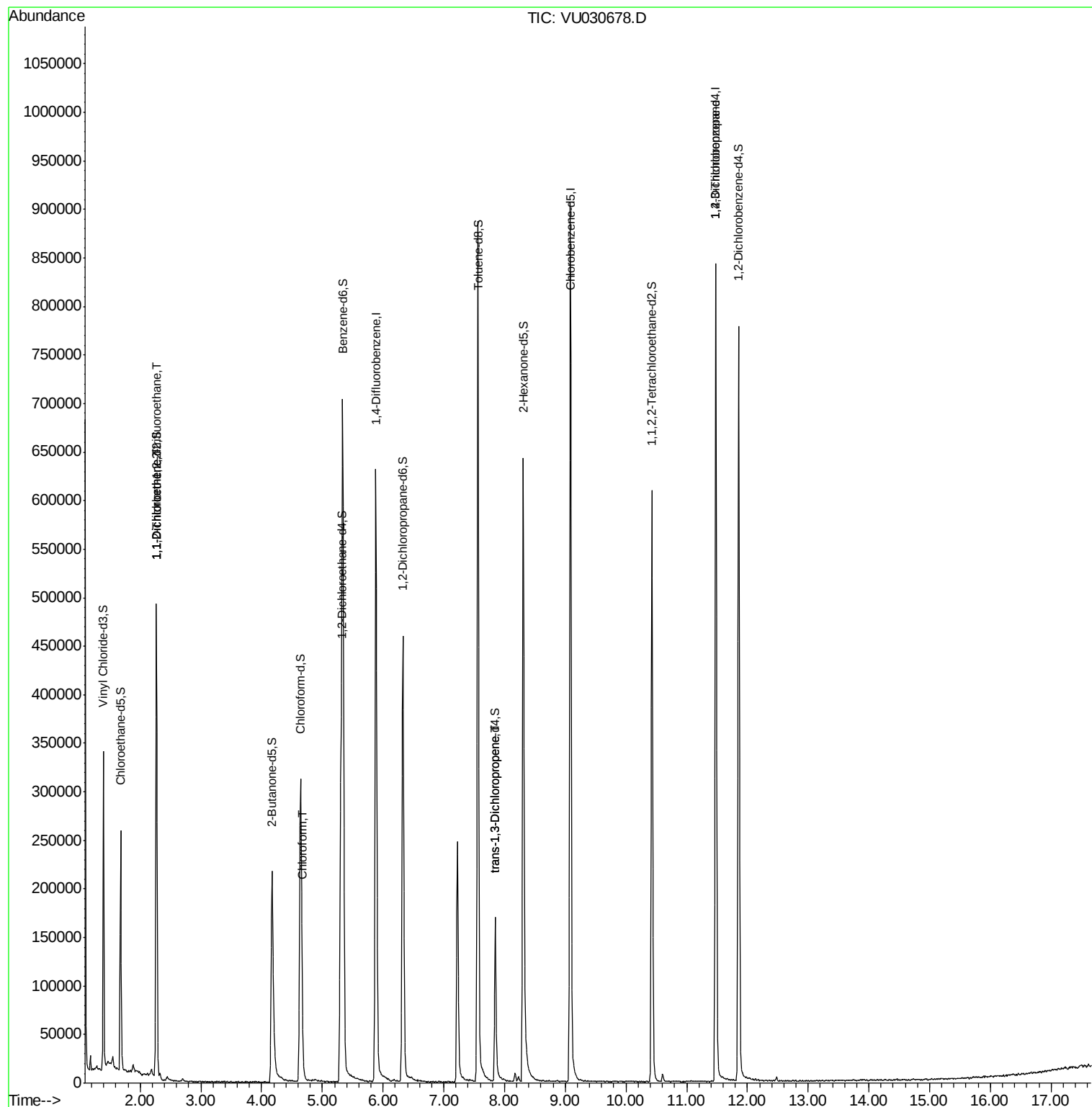
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2555	0.668 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	2217	0.591 ug/L #	1
25) Chloroform	4.67	83	23422	3.053 ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	4073	0.660 ug/L	92
59) 1,2,3-Trichloropropane	11.48	75	28759	4.843 ug/L	92

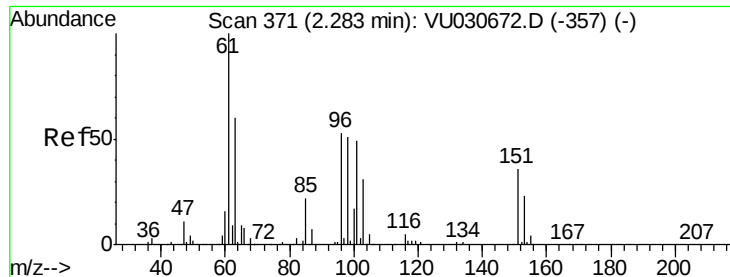
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.668 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030678.D

Acq: 04 Apr 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

BF2L7

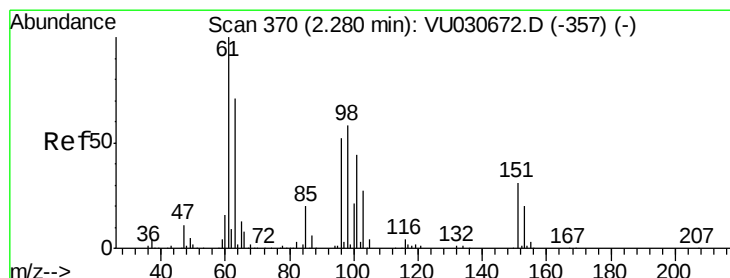
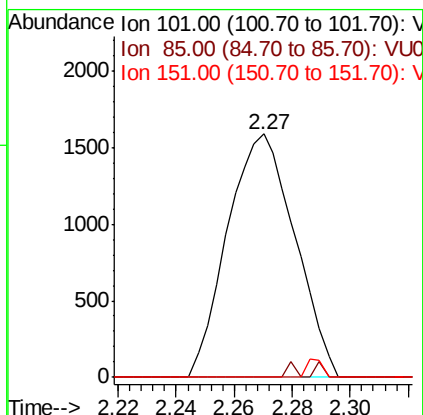
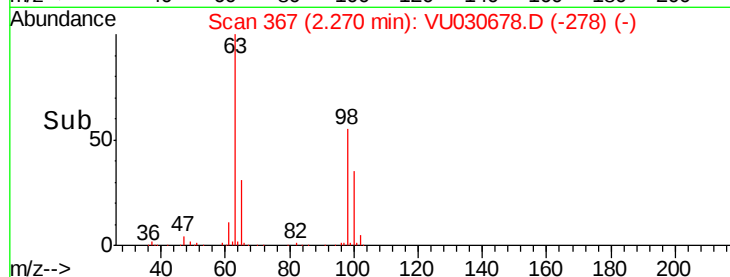
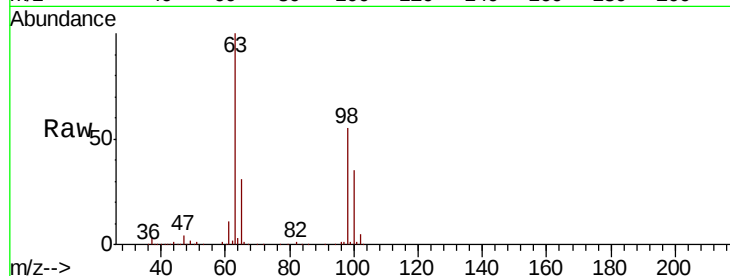
Tgt Ion:101 Resp: 2555

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

151 1.7 56.6 85.0#



#12

1,1-Dichloroethene

Concen: 0.591 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU030678.D

Acq: 04 Apr 2019 11:43

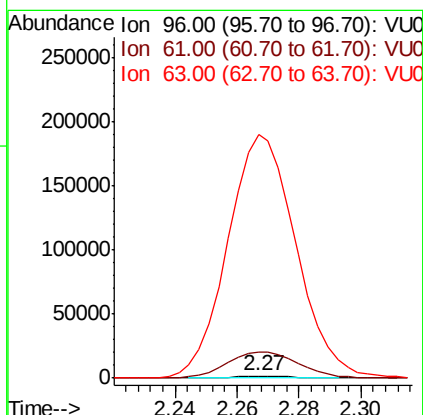
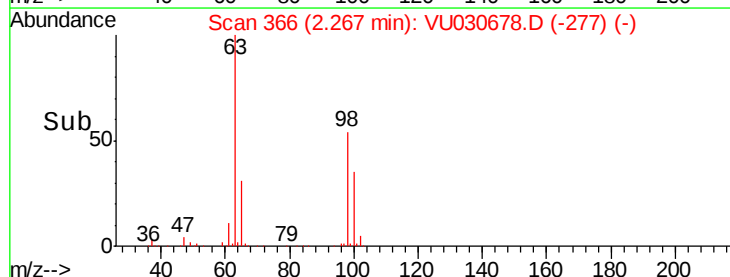
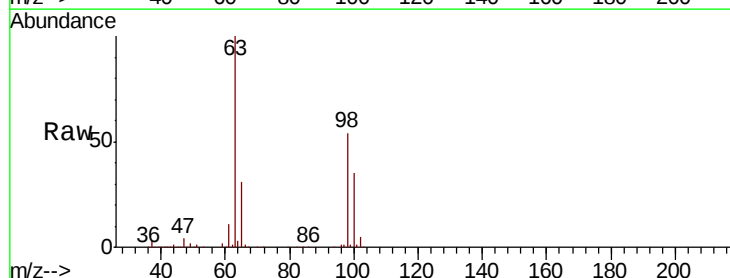
Tgt Ion: 96 Resp: 2217

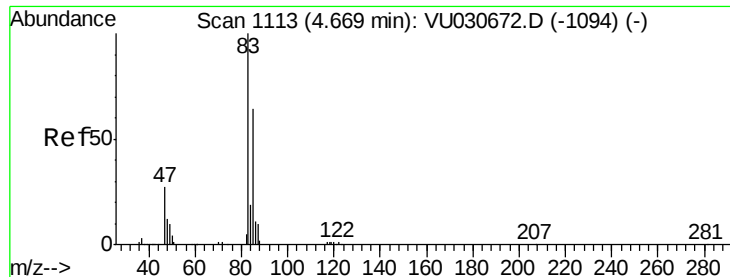
Ion Ratio Lower Upper

96 100

61 1395.9 131.0 243.4#

63 13059.7 92.4 171.6#





#25

Chloroform

Concen: 3.053 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU030678.D

Acq: 04 Apr 2019 11:43

Instrument :

MSVOA_U

ClientSampled :

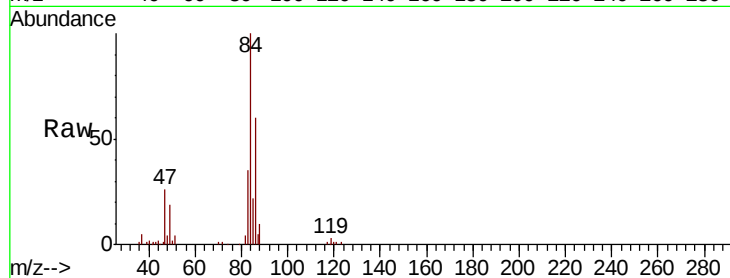
BF2L7

Tgt Ion: 83 Resp: 23422

Ion Ratio Lower Upper

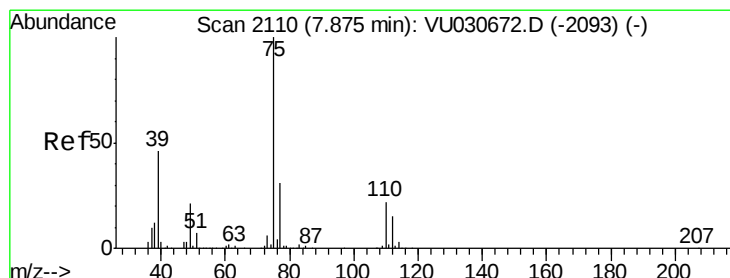
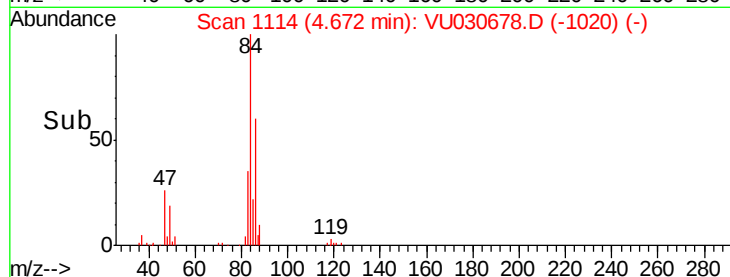
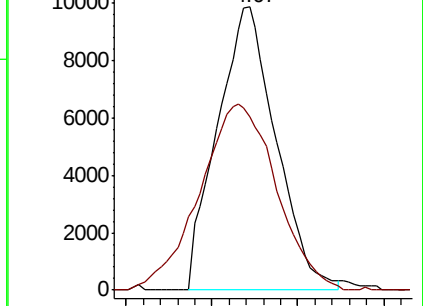
83 100

85 61.4 44.4 82.4



Abundance Ion 83.00 (82.70 to 83.70): VU030678.D (-1094) (-)

Ion 85.00 (84.70 to 85.70): VU030678.D (-1094) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.660 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030678.D

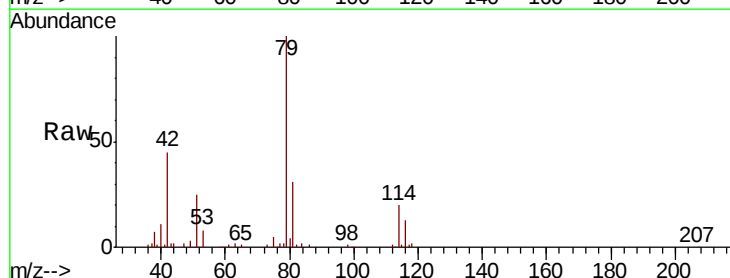
Acq: 04 Apr 2019 11:43

Tgt Ion: 75 Resp: 4073

Ion Ratio Lower Upper

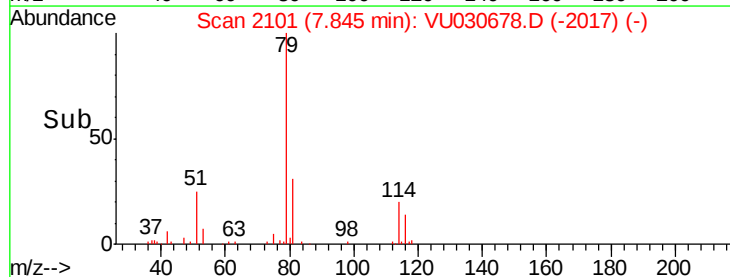
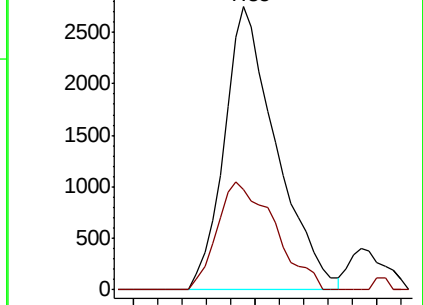
75 100

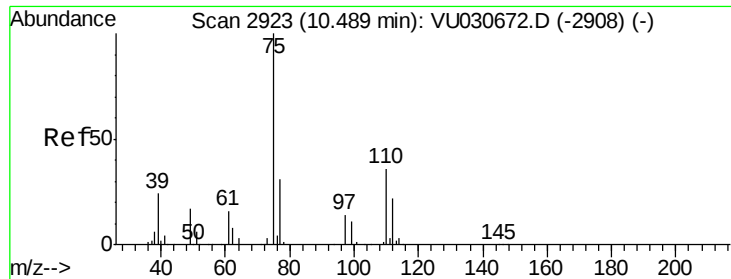
77 35.7 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU030678.D (-2093) (-)

Ion 77.00 (76.70 to 77.70): VU030678.D (-2093) (-)





#59

1,2,3-Trichloropropane

Concen: 4.843 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030678.D

Acq: 04 Apr 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

BF2L7

Tgt Ion: 75 Resp: 28759

Ion Ratio Lower Upper

75 100

77 36.1 25.4 38.2

