

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030697.D
 Acq On : 04 Apr 2019 20:56
 Operator : JC/SP
 Sample : K2166-02ME
 Misc : 5.96g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF104ME

Quant Time: Apr 05 02:22:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 02:15:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	440351	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	436999	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	202377	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	168420	42.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.70%
7) Chloroethane-d5	1.64	69	117622	39.42	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.84%
11) 1,1-Dichloroethene-d2	2.23	63	248497	34.95	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.90%
21) 2-Butanone-d5	4.19	46	301597	96.81	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.81%
24) Chloroform-d	4.64	84	265316	44.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.36%
26) 1,2-Dichloroethane-d4	5.30	65	193030	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.22%
32) Benzene-d6	5.33	84	578744	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.74%
36) 1,2-Dichloropropane-d6	6.32	67	202594	46.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.68%
41) Toluene-d8	7.56	98	495718	43.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.68%
43) trans-1,3-Dichloropropene-	7.85	79	86584	43.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.86%
47) 2-Hexanone-d5	8.31	63	219573	109.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	295349	50.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	190095	47.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.52%

Target Compounds

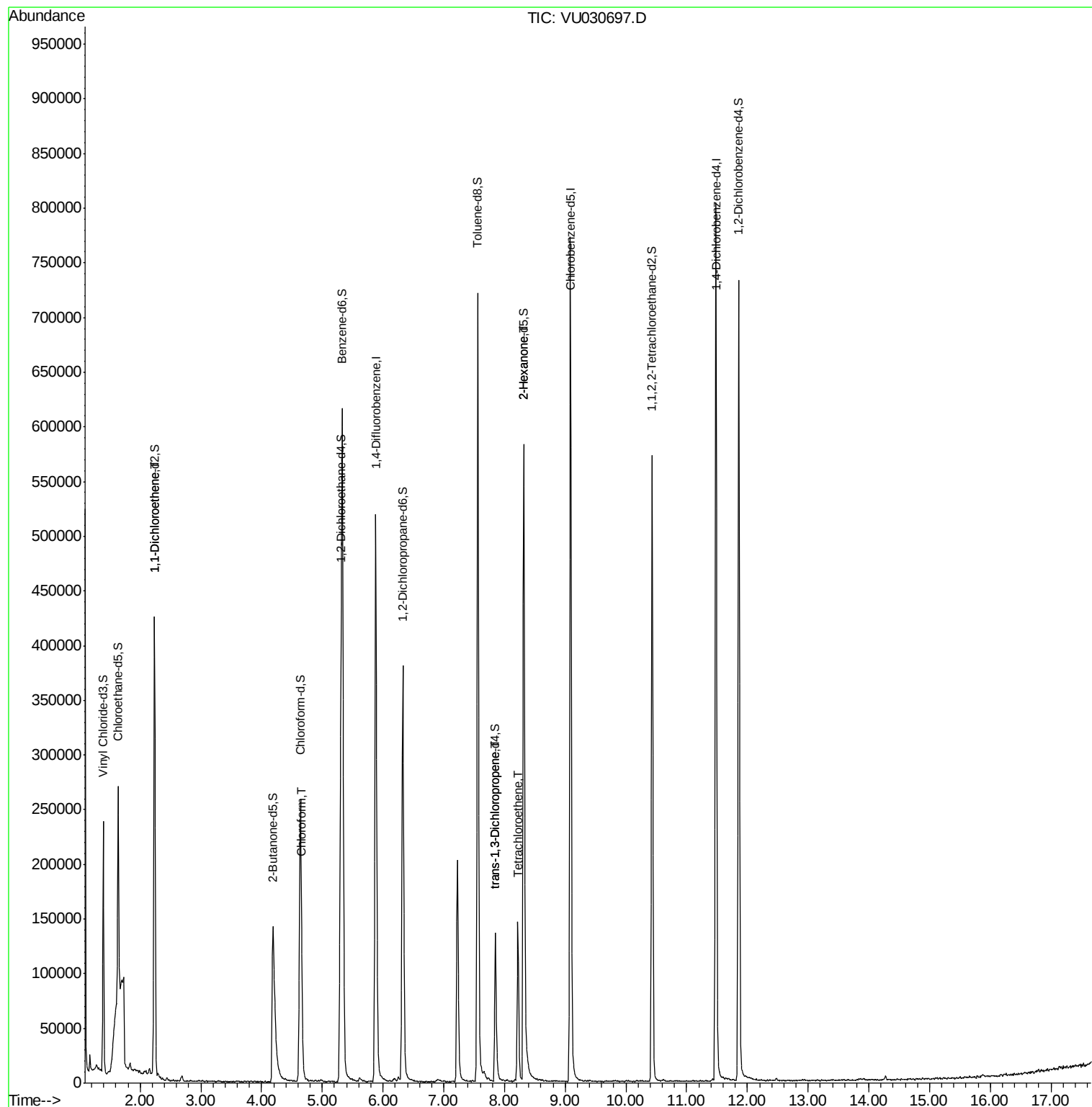
					Ovalue
12) 1,1-Dichloroethene	2.24	96	1988	0.653 ug/L #	1
25) Chloroform	4.67	83	18331	2.734 ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	3901	0.768 ug/L #	72
46) Tetrachloroethene	8.22	164	33943	13.311 ug/L	96
48) 2-Hexanone	8.31	43	27297	5.373 ug/L #	71

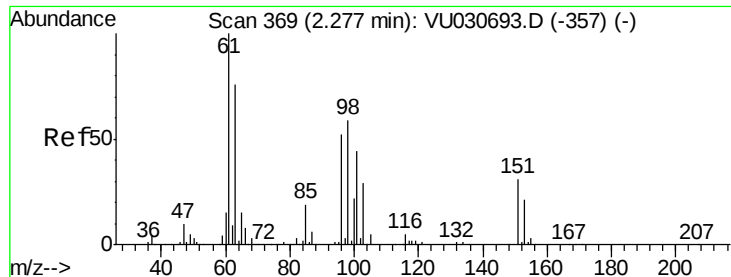
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 05 02:15:56 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.653 ug/L

RT: 2.24 min Scan# 357

Delta R.T. -0.04 min

Lab File: VU030697.D

Acq: 04 Apr 2019 20:56

Instrument :

MSVOA_U

ClientSampled :

BF104ME

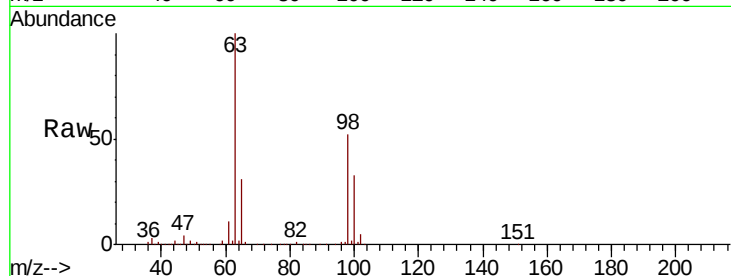
Tot Ion: 96 Resp: 1988

Ion Ratio Lower Upper

96 100

61 1501.7 132.0 245.2#

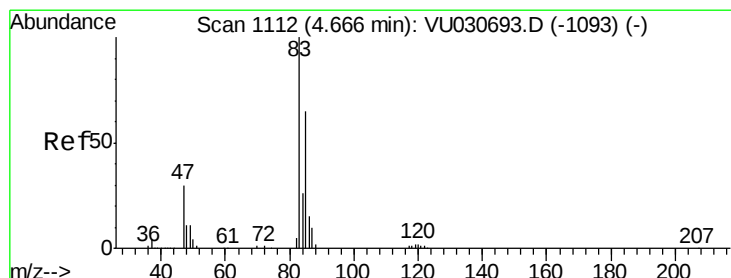
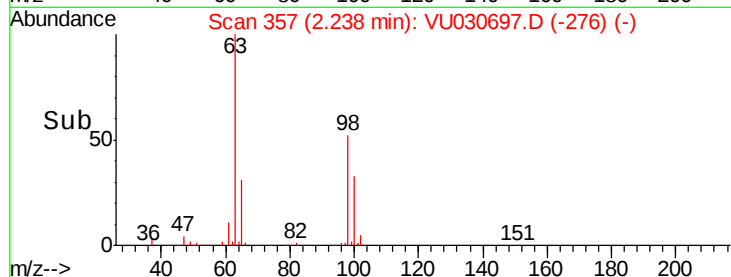
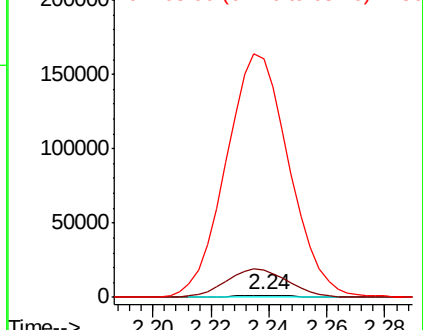
63 13151.2 90.9 168.9#



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



#25

Chloroform

Concen: 2.734 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VU030697.D

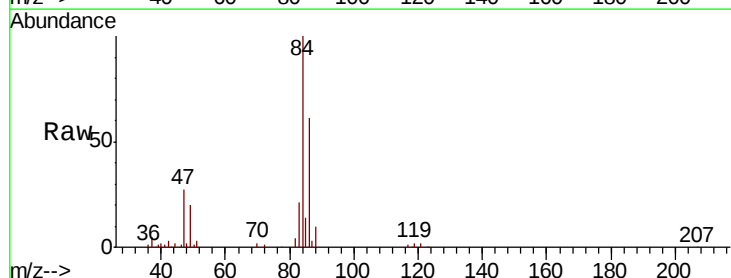
Acq: 04 Apr 2019 20:56

Tgt Ion: 83 Resp: 18331

Ion Ratio Lower Upper

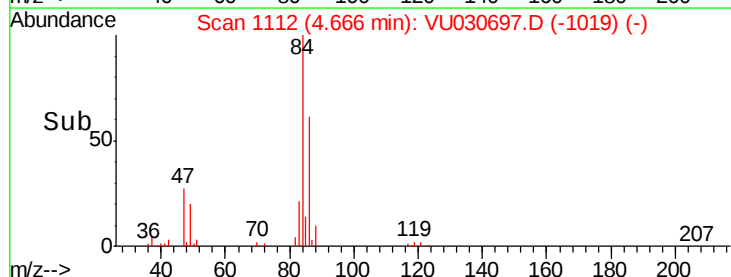
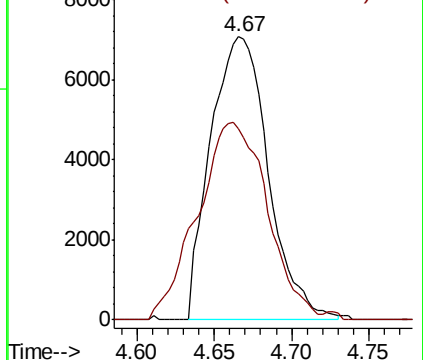
83 100

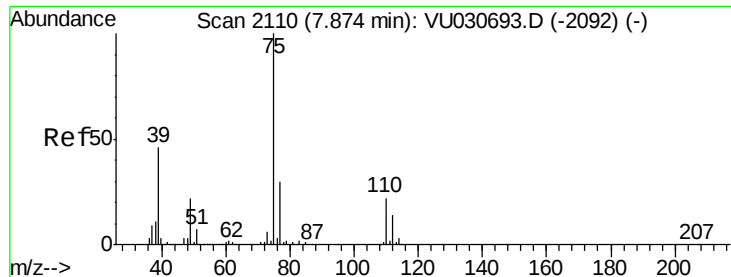
85 67.7 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.768 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030697.D

Acq: 04 Apr 2019 20:56

Instrument :

MSVOA_U

ClientSampleId :

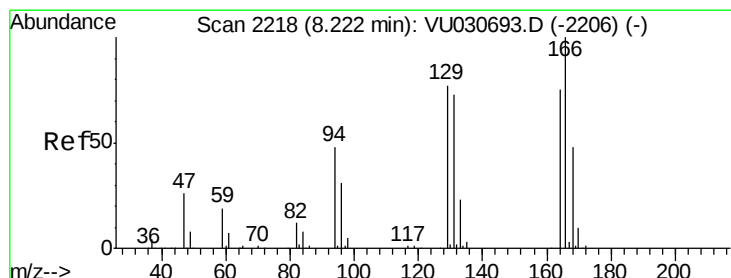
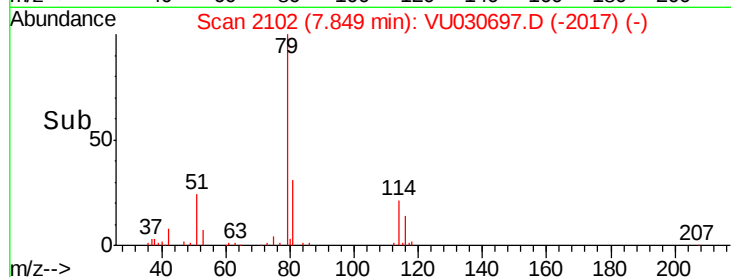
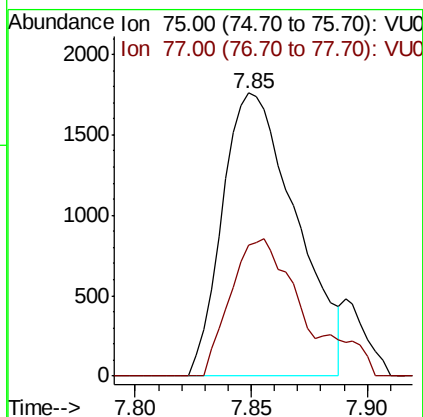
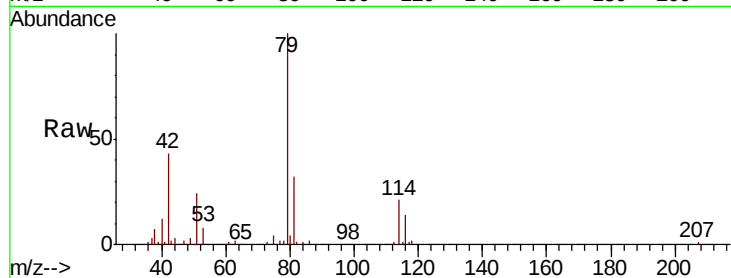
BF104ME

Tot Ion: 75 Resp: 3901

Ion Ratio Lower Upper

75 100

77 46.2 21.6 40.0#



#46

Tetrachloroethene

Concen: 13.311 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU030697.D

Acq: 04 Apr 2019 20:56

Tgt Ion: 164 Resp: 33943

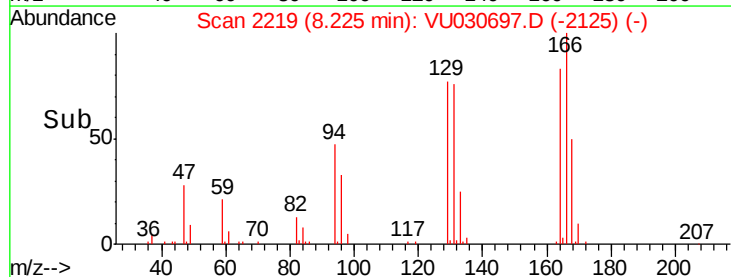
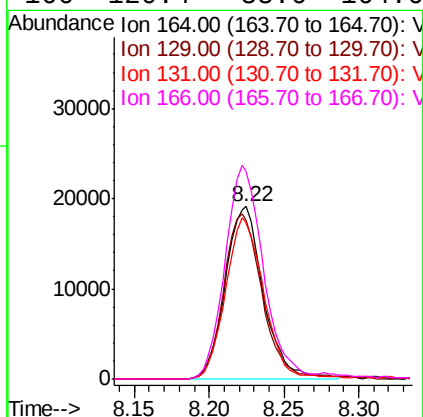
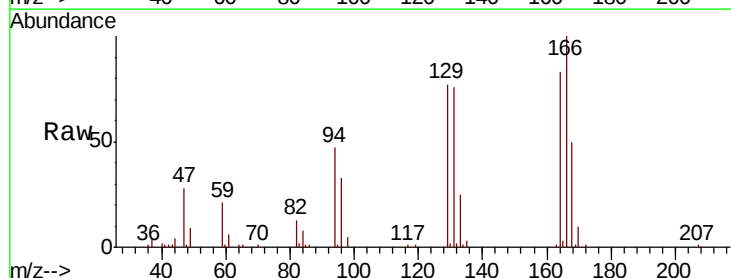
Ion Ratio Lower Upper

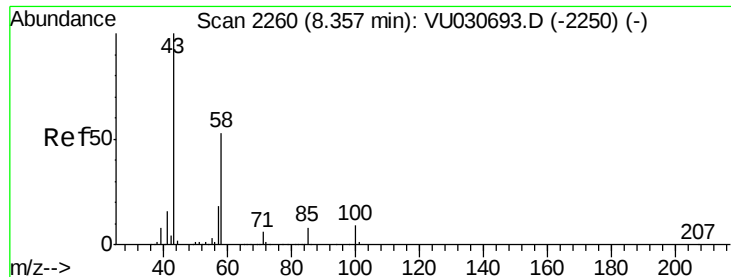
164 100

129 92.3 67.4 125.2

131 90.9 65.9 122.5

166 120.4 88.6 164.6





#48

2-Hexanone

Concen: 5.373 ug/L

RT: 8.31 min Scan# 2247

Delta R.T. -0.04 min

Lab File: VU030697.D

Acq: 04 Apr 2019 20:56

Instrument :

MSVOA_U

ClientSampleId :

BF104ME

Tot Ion: 43 Resp: 27297

Ion Ratio Lower Upper

43 100

58 27.5 41.9 62.9#

57 23.8 14.3 21.5#

100 0.1 7.1 10.7#

