

Data File : VU030640.D
Acq On : 03 Apr 2019 20:14
Operator : JC/SP
Sample : K2166-02ME
Misc : 5.96g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF104ME

Quant Time: Apr 04 06:57:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:52:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1240830	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1213991	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	621420	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	263808	26.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	52.84%#
7) Chloroethane-d5	1.58	69	350	0.04	ug/L	-0.10
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.08%#
11) 1,1-Dichloroethene-d2	2.24	63	390669	20.62	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	41.24%#
21) 2-Butanone-d5	4.18	46	501944	53.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	53.47%
24) Chloroform-d	4.64	84	443578	25.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	51.56%#
26) 1,2-Dichloroethane-d4	5.30	65	296592	26.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	52.68%#
32) Benzene-d6	5.33	84	979961	28.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	56.30%#
36) 1,2-Dichloropropane-d6	6.32	67	333550	28.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	56.00%#
41) Toluene-d8	7.56	98	871024	27.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	55.72%#
43) trans-1,3-Dichloropropene-	7.85	79	150562	26.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.76%#
47) 2-Hexanone-d5	8.31	63	380174	58.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	58.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	490159	28.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	57.52%#
64) 1,2-Dichlorobenzene-d4	11.86	152	343892	27.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	55.24%#

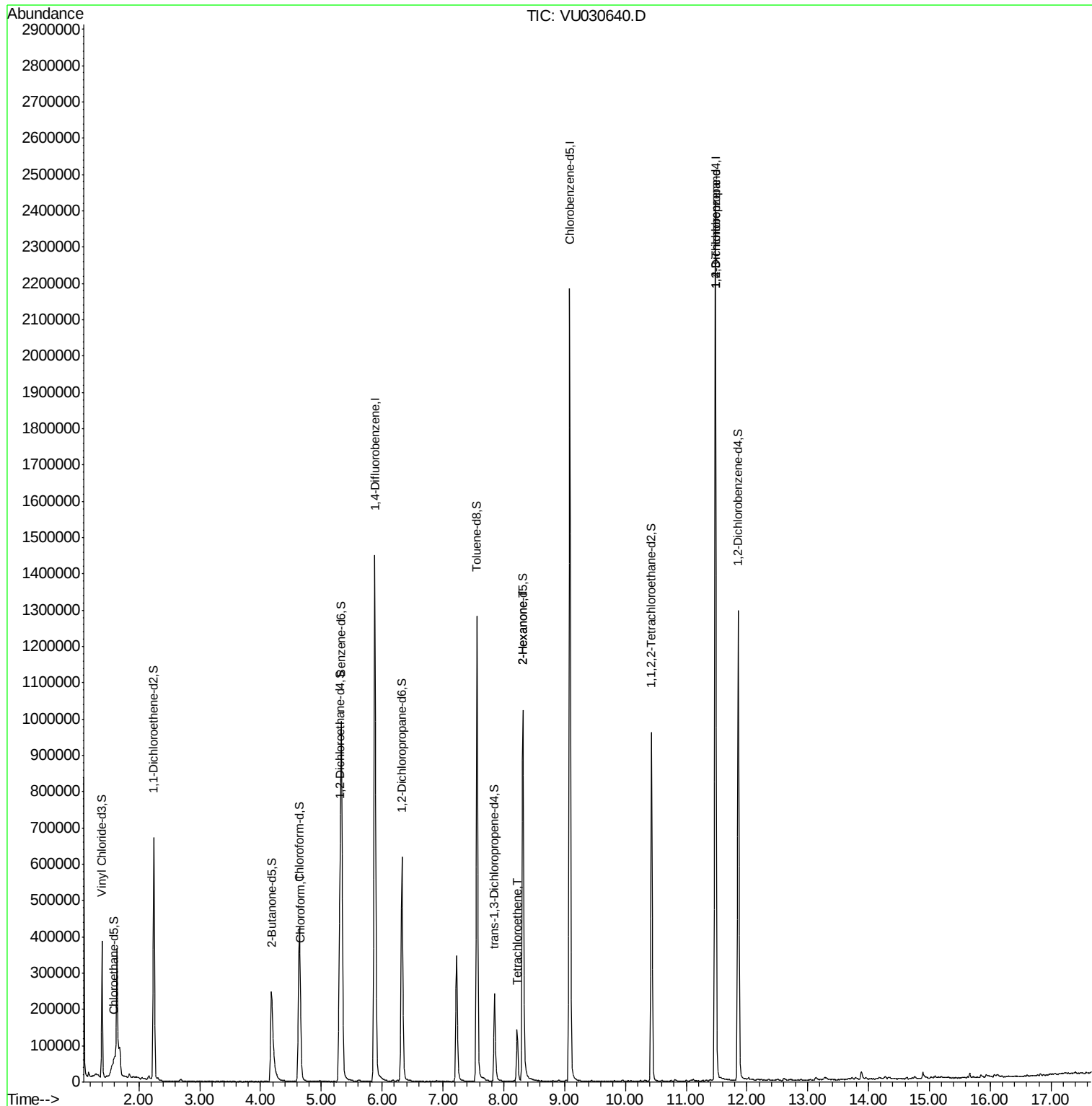
Target Compounds					Qvalue
25) Chloroform	4.67	83	12375	0.681 ug/L	89
46) Tetrachloroethene	8.22	164	33627	4.739 ug/L	97
48) 2-Hexanone	8.31	43	44255	2.741 ug/L #	71
59) 1,2,3-Trichloropropane	11.48	75	78094	5.471 ug/L	95

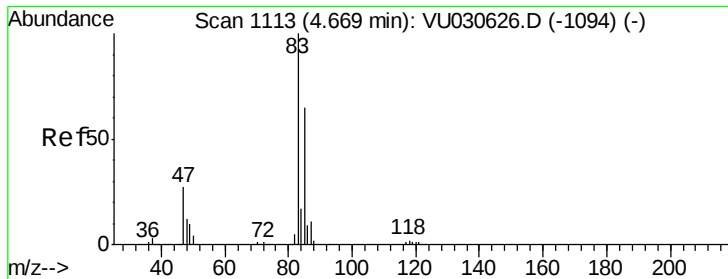
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.681 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

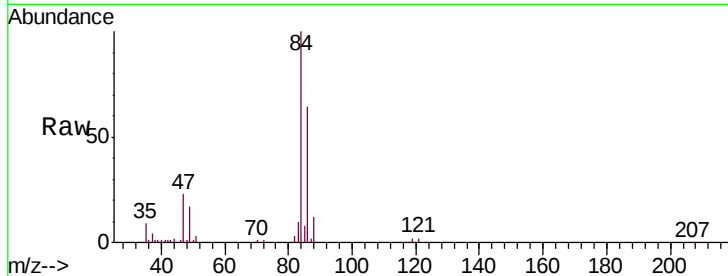
BF104ME

Tgt Ion: 83 Resp: 12375

Ion Ratio Lower Upper

83 100

85 72.1 44.4 82.4



Abundance Ion 83.00 (82.70 to 83.70): VU030626.D (-1094) (-)

Ion 85.00 (84.70 to 85.70): VU030626.D (-1094) (-)

4.67

6000

5000

4000

3000

2000

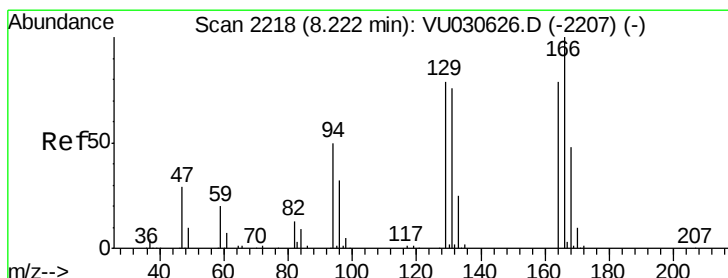
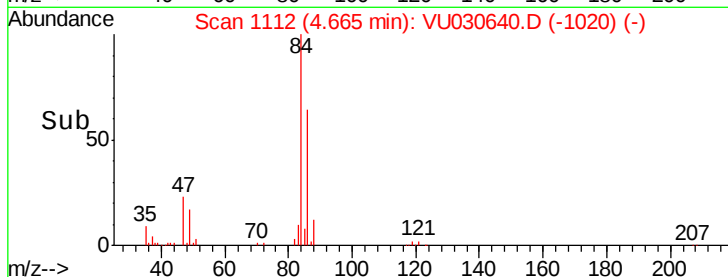
1000

0

4.65

4.70

Time-->



#46

Tetrachloroethene

Concen: 4.739 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU030640.D

Acq: 03 Apr 2019 20:14

Tgt Ion: 164 Resp: 33627

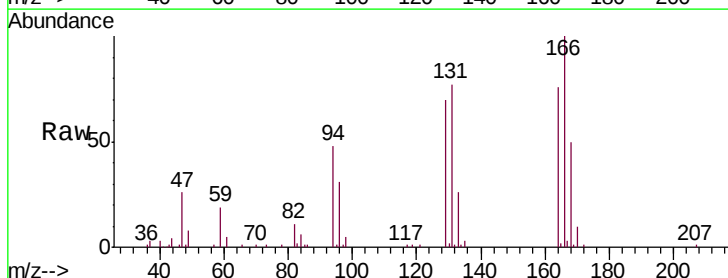
Ion Ratio Lower Upper

164 100

129 92.3 68.1 126.5

131 100.7 67.7 125.7

166 131.3 92.4 171.6



Abundance Ion 164.00 (163.70 to 164.70): VU030626.D (-2207) (-)

Ion 129.00 (128.70 to 129.70): VU030626.D (-2207) (-)

Ion 131.00 (130.70 to 131.70): VU030626.D (-2207) (-)

Ion 166.00 (165.70 to 166.70): VU030626.D (-2207) (-)

30000

20000

10000

0

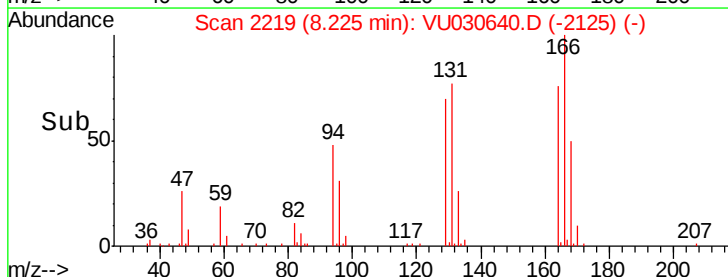
8.15

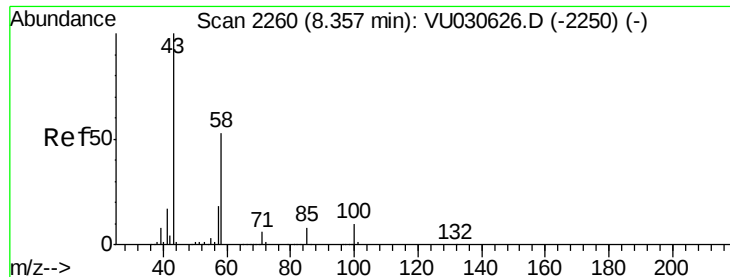
8.20

8.25

8.30

Time-->

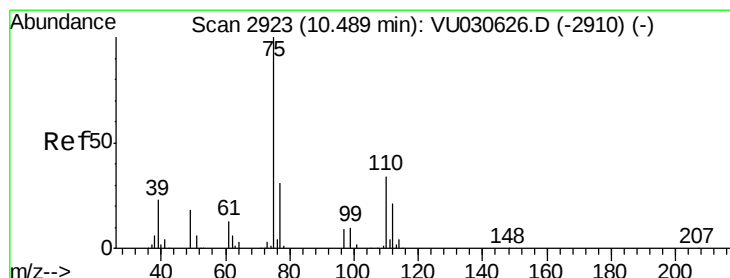
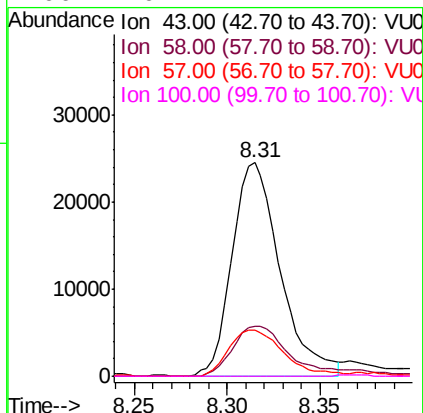
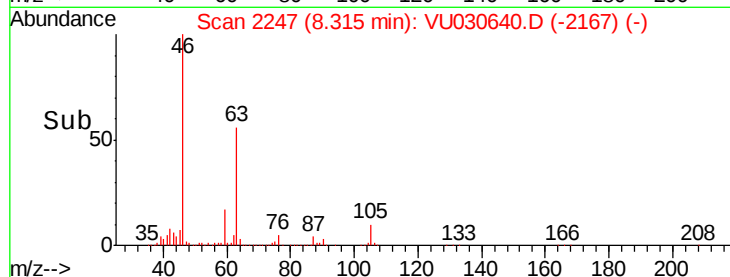
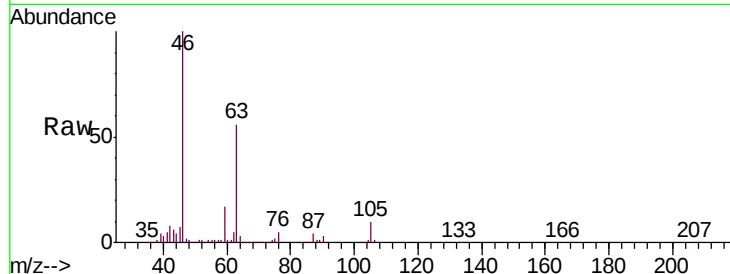




#48
 2-Hexanone
 Concen: 2.741 ug/L
 RT: 8.31 min Scan# 2247
 Delta R.T. -0.04 min
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Tgt Ion: 43 Resp: 44255
 Ion Ratio Lower Upper
 43 100
 58 27.1 42.5 63.7#
 57 23.4 15.0 22.6#
 100 0.2 7.4 11.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.471 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030640.D
 Acq: 03 Apr 2019 20:14

Tgt Ion: 75 Resp: 78094
 Ion Ratio Lower Upper
 75 100
 77 34.3 25.4 38.2

