

Data File : VU030905.D
Acq On : 08 Apr 2019 15:01
Operator : JC/SP
Sample : K2277-22ME
Misc : 5.79g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF2R6ME

Quant Time: Apr 09 02:21:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 09 02:16:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	607380	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	595868	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	274849	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	176167	32.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.98%
7) Chloroethane-d5	1.71	69	53	0.01	ug/L	0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.02%#
11) 1,1-Dichloroethene-d2	2.22	63	283649	28.92	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.84%#
21) 2-Butanone-d5	4.20	46	391240	91.05	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.05%
24) Chloroform-d	4.64	84	354140	42.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.52%
26) 1,2-Dichloroethane-d4	5.30	65	255692	45.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.48%
32) Benzene-d6	5.33	84	717112	41.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.44%
36) 1,2-Dichloropropane-d6	6.32	67	252608	42.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.74%
41) Toluene-d8	7.56	98	624615	40.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.02%
43) trans-1,3-Dichloropropene-	7.85	79	111672	41.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.16%
47) 2-Hexanone-d5	8.32	63	276932	101.64	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	393190	48.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	249117	46.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.18%

Target Compounds

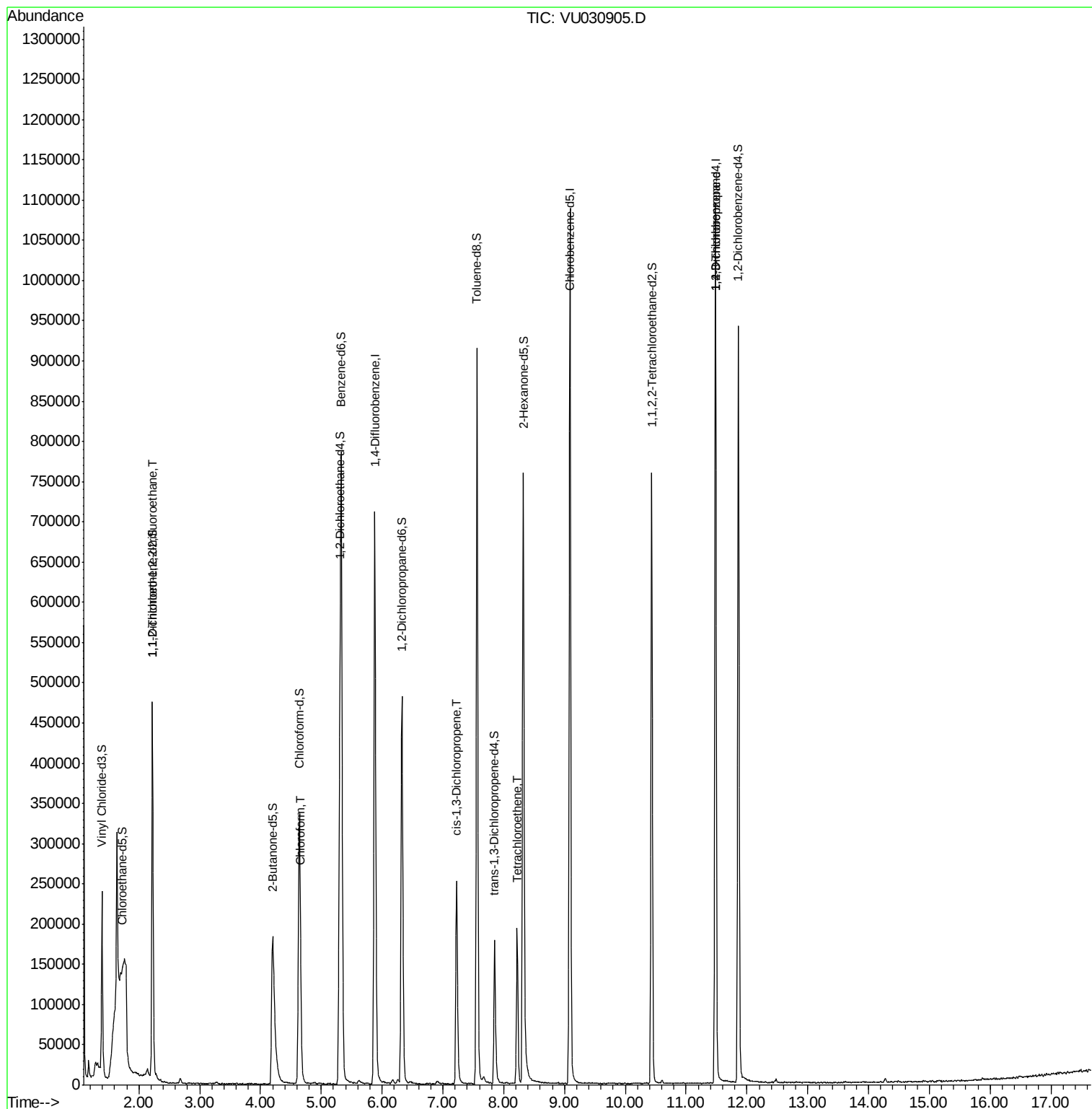
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.22	101	2460	0.566 ug/L	# 22
25) Chloroform	4.67	83	15592	1.686 ug/L	88
39) cis-1,3-Dichloropropene	7.22	75	5937	0.755 ug/L	83
46) Tetrachloroethene	8.22	164	45571	13.106 ug/L	90
59) 1,2,3-Trichloropropane	11.48	75	35598	5.383 ug/L	91

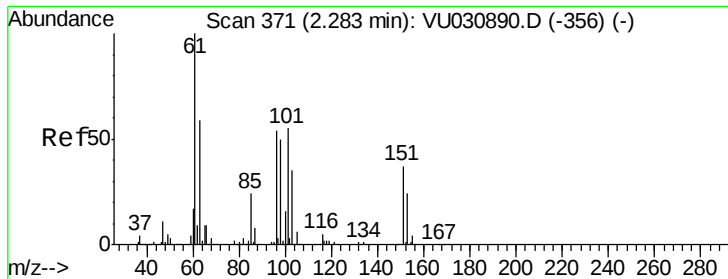
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.566 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.06 min

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Instrument :

MSVOA_U

ClientSampleId :

BF2R6ME

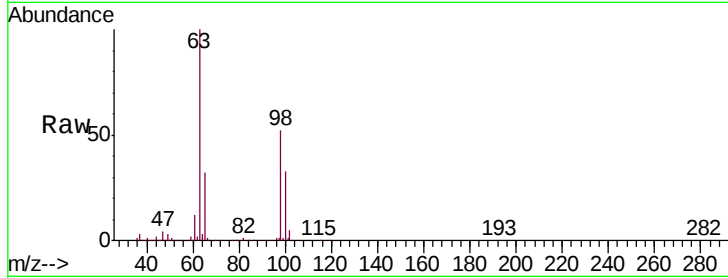
Tgt Ion:101 Resp: 2460

Ion Ratio Lower Upper

101 100

85 3.3 36.8 55.2#

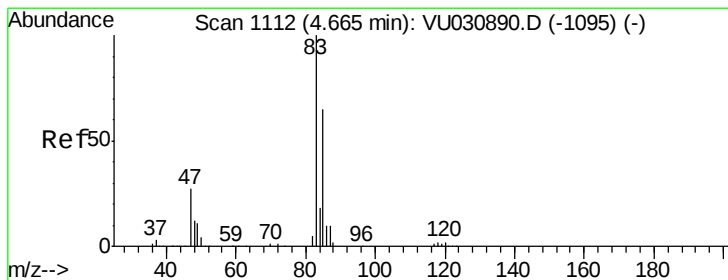
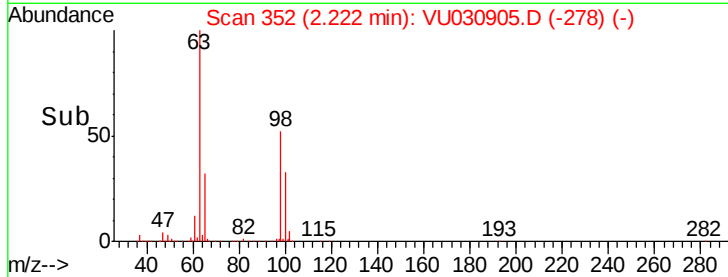
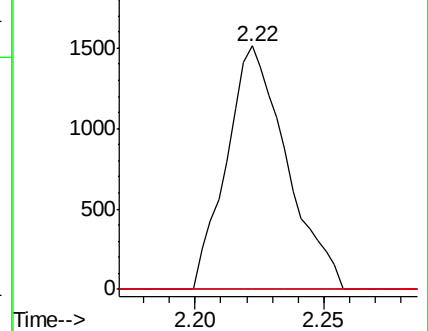
151 0.0 57.4 86.0#



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



#25

Chloroform

Concen: 1.686 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.00 min

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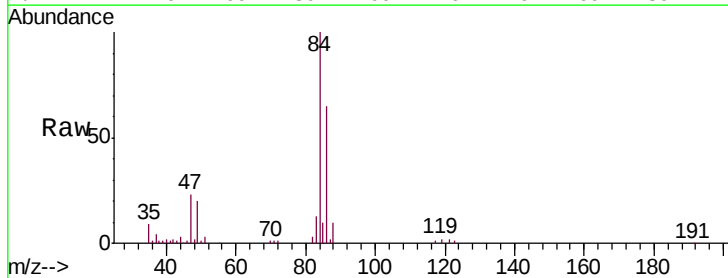
Acq: 08 Apr 2019 15:01

Tgt Ion: 83 Resp: 15592

Ion Ratio Lower Upper

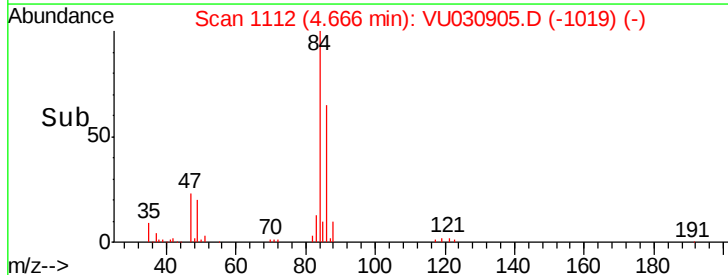
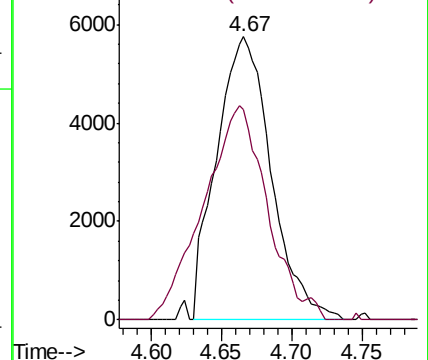
83 100

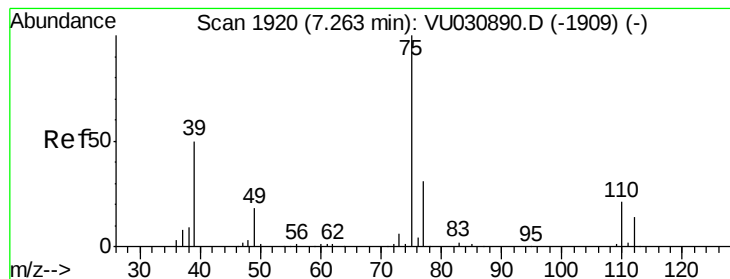
85 74.5 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#39

cis-1,3-Dichloropropene

Concen: 0.755 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU030905.D

Acq: 08 Apr 2019 15:01

Instrument :

MSVOA_U

ClientSampleId :

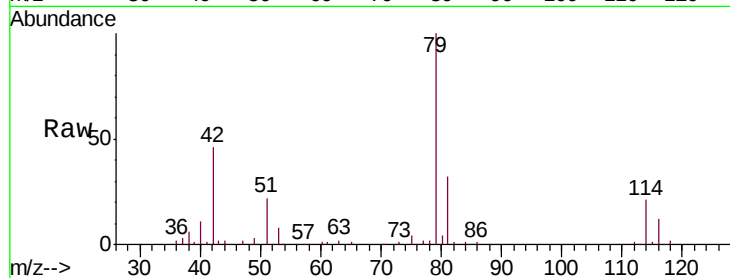
BF2R6ME

Tgt Ion: 75 Resp: 5937

Ion Ratio Lower Upper

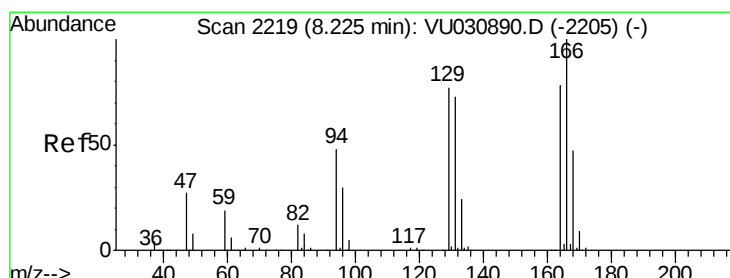
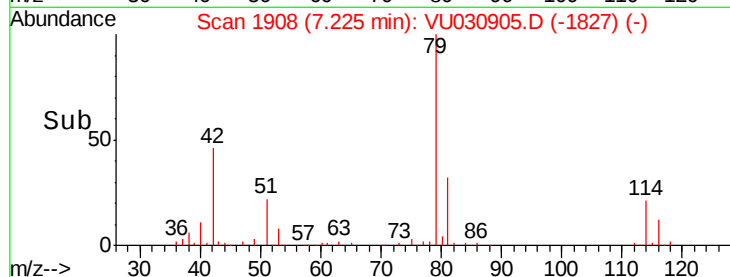
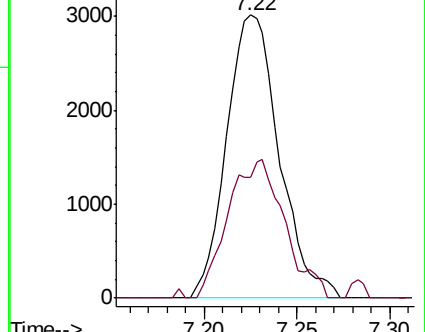
75 100

77 42.8 23.1 42.9



Abundance Ion 75.00 (74.70 to 75.70): VU030890.D (-1909) (-)

Ion 77.00 (76.70 to 77.70): VU030890.D (-1909) (-)



#46

Tetrachloroethene

Concen: 13.106 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030905.D

Acq: 08 Apr 2019 15:01

Tgt Ion: 164 Resp: 45571

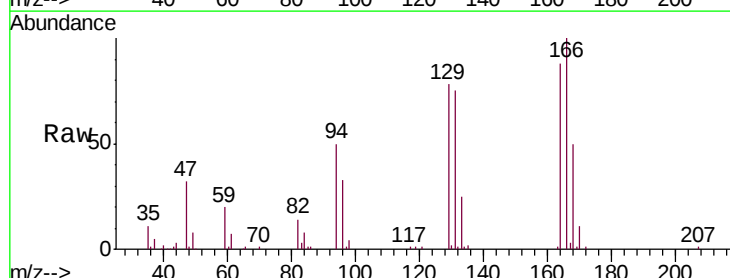
Ion Ratio Lower Upper

164 100

129 88.9 67.4 125.2

131 84.8 65.9 122.5

166 113.4 88.6 164.6

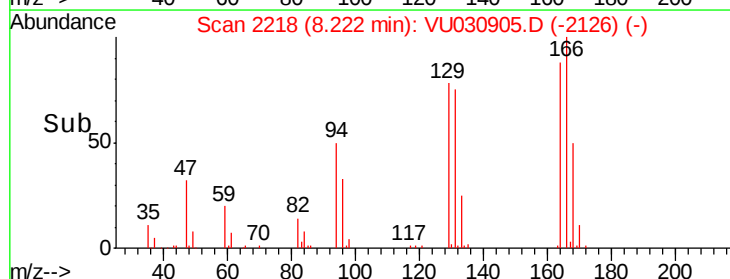
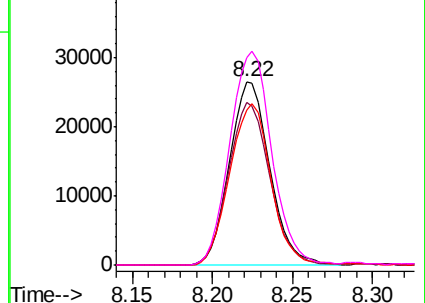


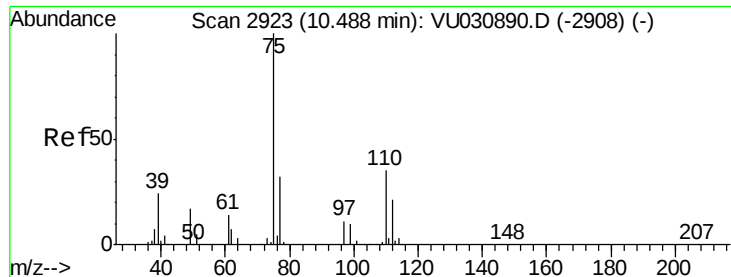
Abundance Ion 164.00 (163.70 to 164.70): VU030890.D (-2205) (-)

Ion 129.00 (128.70 to 129.70): VU030890.D (-2205) (-)

Ion 131.00 (130.70 to 131.70): VU030890.D (-2205) (-)

Ion 166.00 (165.70 to 166.70): VU030890.D (-2205) (-)





#59

1,2,3-Trichloropropane

Concen: 5.383 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030905.D

Acq: 08 Apr 2019 15:01

Instrument :

MSVOA_U

ClientSampleId :

BF2R6ME

Tgt Ion: 75 Resp: 35598

Ion Ratio Lower Upper

75 100

77 37.4 26.1 39.1

