

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU040619\
 Data File : VU030750.D
 Acq On : 05 Apr 2019 18:57
 Operator : JC/SP
 Sample : K2167-08ME
 Misc : 6.27g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF109ME

Manual Integrations
 APPROVED

MMDadoda
 4/6/2019 10:32:18 AM

Quant Time: Apr 17 01:31:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:16:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	466144	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	453397	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	209171	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	158266	38.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.06%
7) Chloroethane-d5	1.64	69	121768m	38.56	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.12%
11) 1,1-Dichloroethene-d2	2.24	63	239910m	31.88	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.76%
21) 2-Butanone-d5	4.18	46	350160	106.18	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.18%
24) Chloroform-d	4.64	84	281185	44.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.48%
26) 1,2-Dichloroethane-d4	5.30	65	206345	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.14%
32) Benzene-d6	5.33	84	586855	44.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.68%
36) 1,2-Dichloropropane-d6	6.32	67	211042	46.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.06%
41) Toluene-d8	7.56	98	488509	41.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.28%
43) trans-1,3-Dichloropropene-	7.85	79	92372	44.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.32%
47) 2-Hexanone-d5	8.32	63	229042	110.48	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	319494	52.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	197926	48.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.22%

Target Compounds					Ovalue
34) Trichloroethene	6.19	95	9059	2.489 ug/L	89
46) Tetrachloroethene	8.22	164	83742	31.652 ug/L	99

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

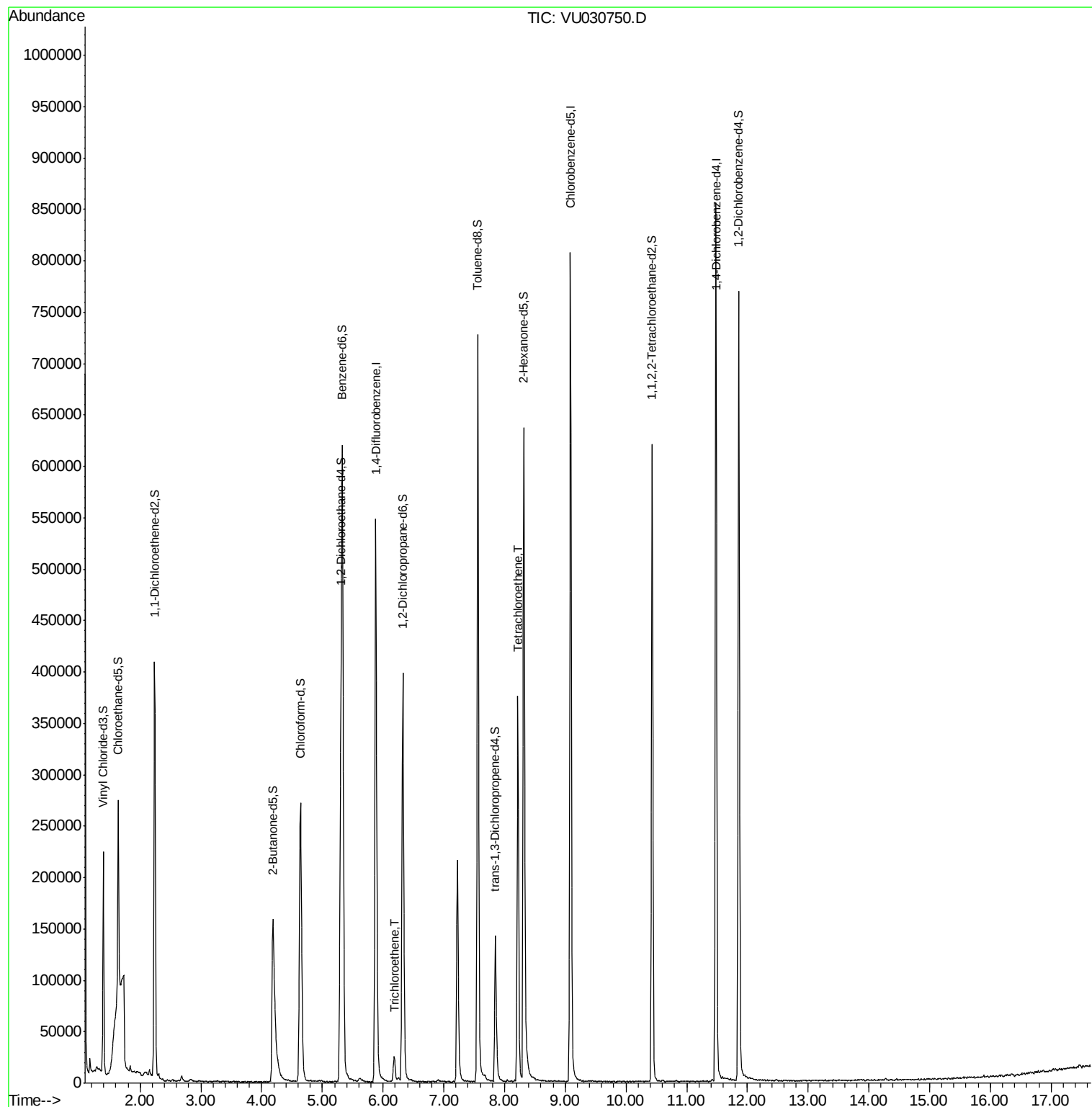
Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU040619\
Data File : VU030750.D
Acq On : 05 Apr 2019 18:57
Operator : JC/SP
Sample : K2167-08ME
Misc : 6.27g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

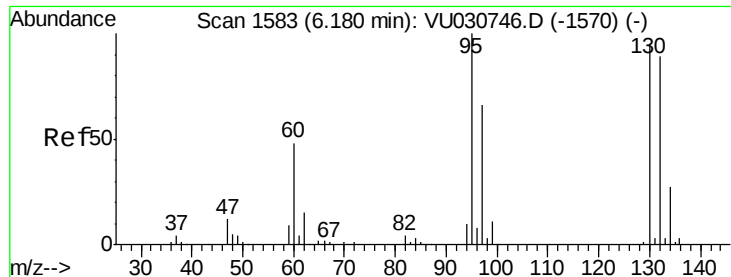
Instrument :
MSVOA_U
ClientSampleId :
BF109ME

Manual Integrations
APPROVED

MMDadoda
4/6/2019 10:32:18 AM

Quant Time: Apr 17 01:31:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 02:16:29 2019
Response via : Initial Calibration





#34

Trichloroethene

Concen: 2.489 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU030750.D

Acq: 05 Apr 2019 18:57

Instrument :

MSVOA_U

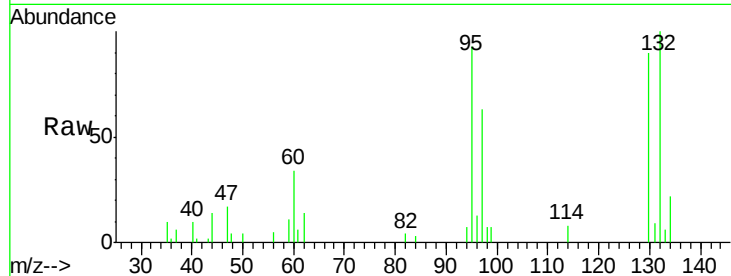
ClientSampleId :

BF109ME

Tot Ion:	95	Resp:	9059
Ion	Ratio	Lower	Upper
95	100		
97	67.4	44.5	82.7
132	107.7	61.5	114.1
130	96.6	64.9	120.5

Manual Integrations
APPROVED

MMDadoda
4/6/2019 10:32:18 AM



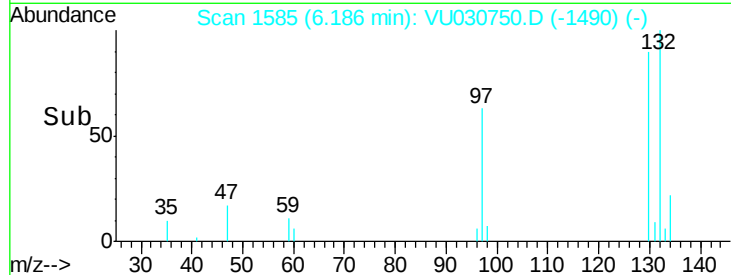
Abundance Ion 95.00 (94.70 to 95.70): VU030746.D (-1570) (-)

Ion 97.00 (96.70 to 97.70): VU030746.D (-1570) (-)

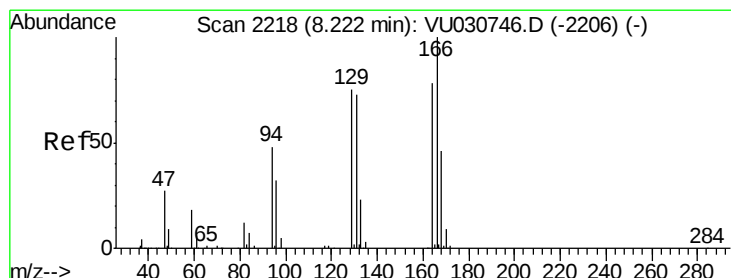
Ion 132.00 (131.70 to 132.70): VU030746.D (-1570) (-)

Ion 130.00 (129.70 to 130.70): VU030746.D (-1570) (-)

Time-->



Time-->



#46

Tetrachloroethene

Concen: 31.652 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030750.D

Acq: 05 Apr 2019 18:57

Tgt Ion:	164	Resp:	83742
Ion	Ratio	Lower	Upper
164	100		
129	96.0	67.4	125.2
131	93.4	65.9	122.5
166	127.3	88.6	164.6

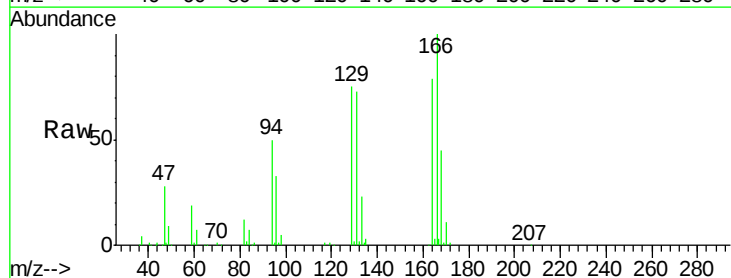
Abundance Ion 164.00 (163.70 to 164.70): VU030746.D (-2206) (-)

Ion 129.00 (128.70 to 129.70): VU030746.D (-2206) (-)

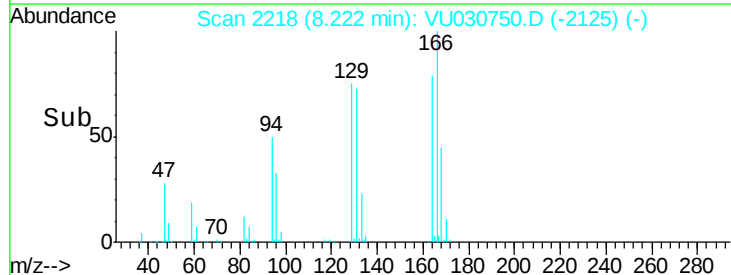
Ion 131.00 (130.70 to 131.70): VU030746.D (-2206) (-)

Ion 166.00 (165.70 to 166.70): VU030746.D (-2206) (-)

Time-->



Time-->



Time-->