

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031090.D
 Acq On : 11 Apr 2019 23:28
 Operator : JC/SP
 Sample : K2340-12ME
 Misc : 5.71g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF177ME

Quant Time: Apr 12 04:51:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:43:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	467753	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	463620	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	218224	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	146111	34.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.98%
7) Chloroethane-d5	1.70	69	216	0.07	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.14%#
11) 1,1-Dichloroethene-d2	2.23	63	233355	30.90	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.80%
21) 2-Butanone-d5	4.18	46	348473	105.30	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.30%
24) Chloroform-d	4.64	84	300311	47.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.16%
26) 1,2-Dichloroethane-d4	5.30	65	220775	50.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.46%
32) Benzene-d6	5.33	84	608926	44.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.98%
36) 1,2-Dichloropropane-d6	6.32	67	216562	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.38%
41) Toluene-d8	7.56	98	511760	42.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.32%
43) trans-1,3-Dichloropropene-	7.85	79	94816	44.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.66%
47) 2-Hexanone-d5	8.32	63	236203	111.42	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.42%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	343961	54.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	219717	51.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

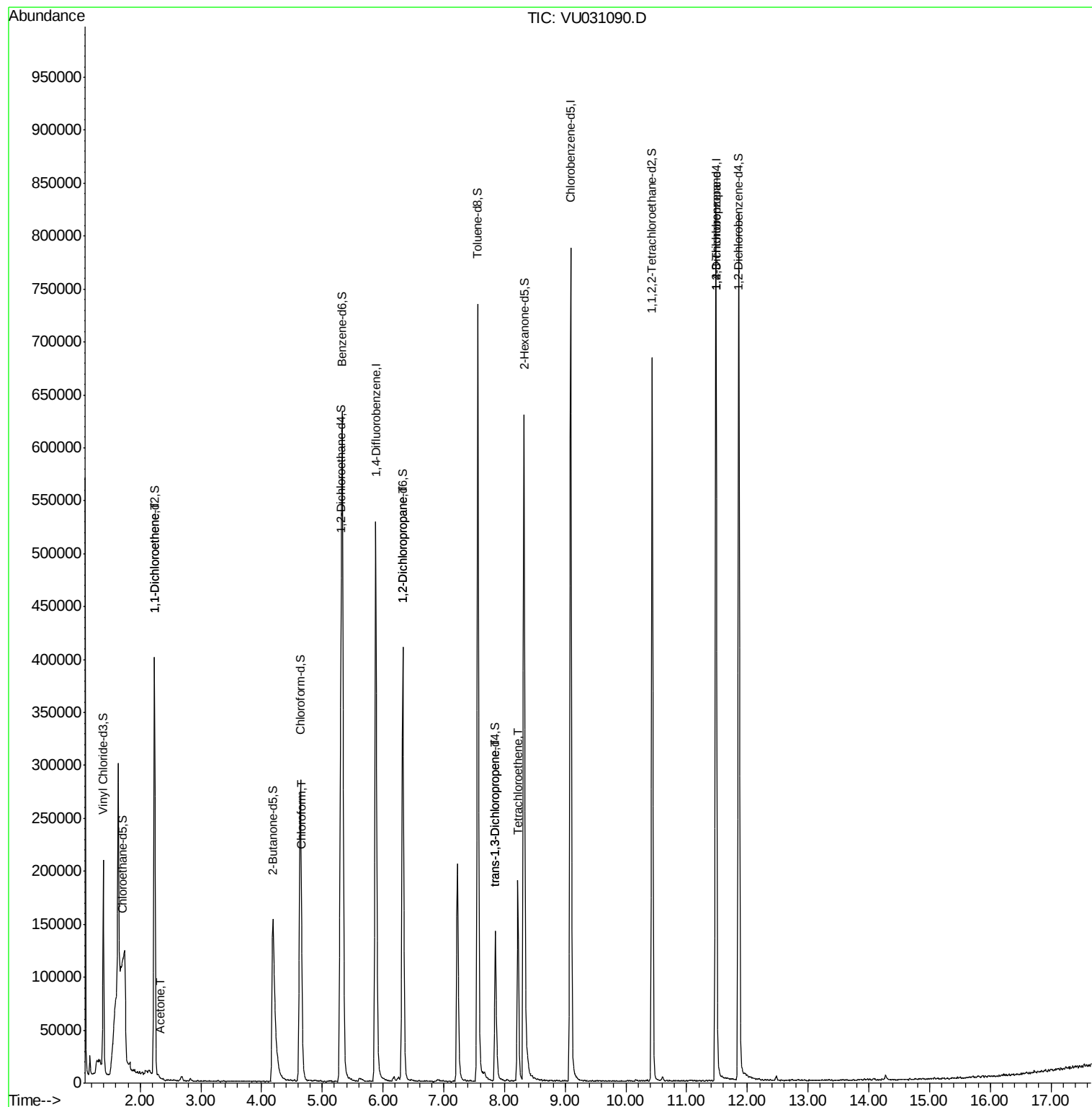
					Ovalue
12) 1,1-Dichloroethene	2.24	96	2508	0.776 ug/L #	1
13) Acetone	2.33	43	1785	0.527 ug/L	67
25) Chloroform	4.67	83	15309	2.150 ug/L	85
37) 1,2-Dichloropropane	6.32	63	23327	5.430 ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	3870	0.718 ug/L	99
46) Tetrachloroethene	8.22	164	42668	15.772 ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	27272	5.300 ug/L #	88

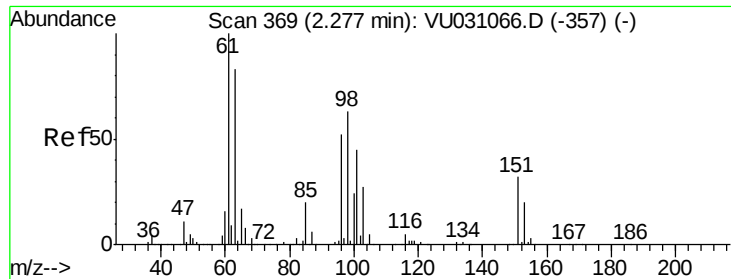
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031090.D
Acq On : 11 Apr 2019 23:28
Operator : JC/SP
Sample : K2340-12ME
Misc : 5.71µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 81 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF177ME

Quant Time: Apr 12 04:51:48 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 04:43:47 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.776 ug/L

RT: 2.24 min Scan# 358

Delta R.T. -0.04 min

Lab File: VU031090.D

Acq: 11 Apr 2019 23:28

Instrument :

MSVOA_U

ClientSampleId :

BF177ME

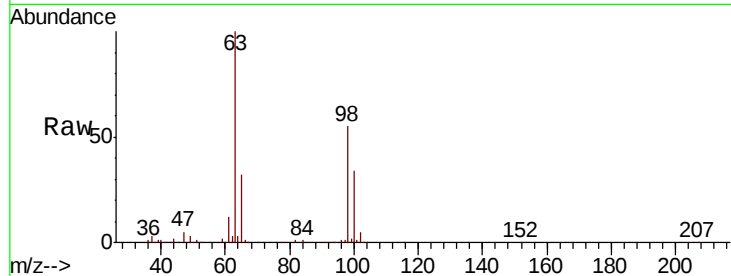
Tot Ion: 96 Resp: 2508

Ion Ratio Lower Upper

96 100

61 1065.3 132.0 245.2#

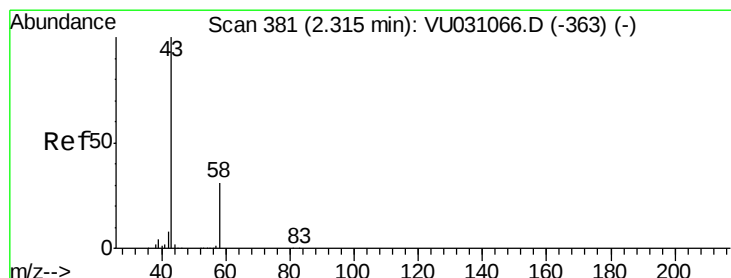
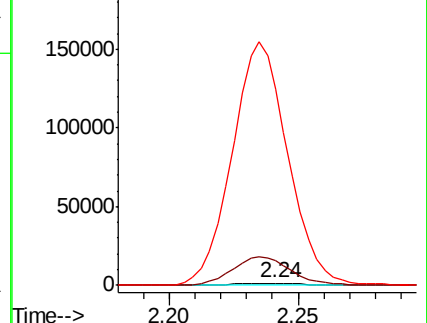
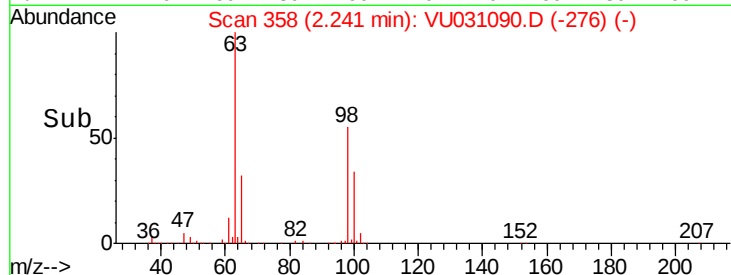
63 8636.1 90.9 168.9#



Abundance Ion 96.00 (95.70 to 96.70): VU031090.D (-276) (-)

Ion 61.00 (60.70 to 61.70): VU031090.D (-276) (-)

Ion 63.00 (62.70 to 63.70): VU031090.D (-276) (-)



#13

Acetone

Concen: 0.527 ug/L

RT: 2.33 min Scan# 387

Delta R.T. 0.02 min

Lab File: VU031090.D

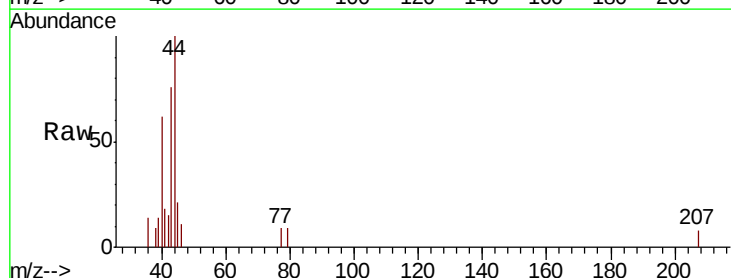
Acq: 11 Apr 2019 23:28

Tgt Ion: 43 Resp: 1785

Ion Ratio Lower Upper

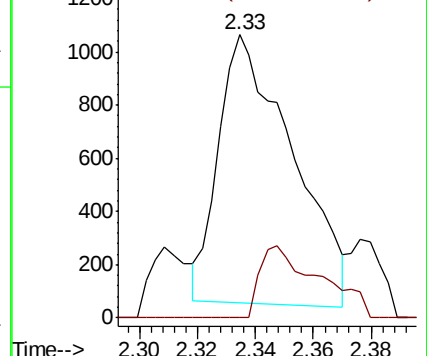
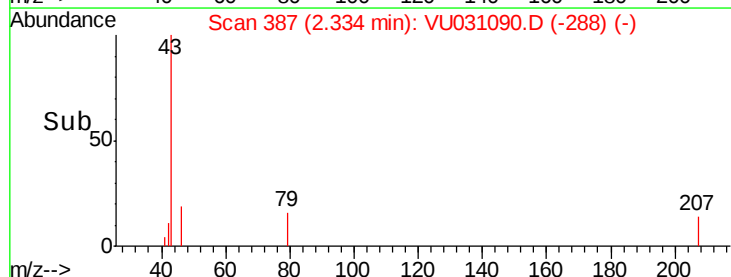
43 100

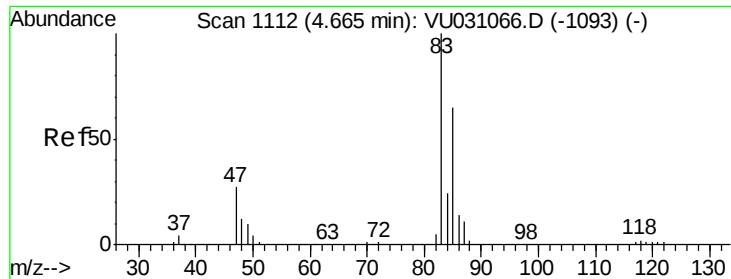
58 13.6 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031090.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU031090.D (-288) (-)

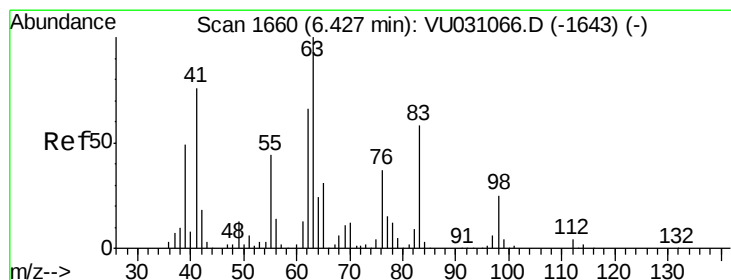
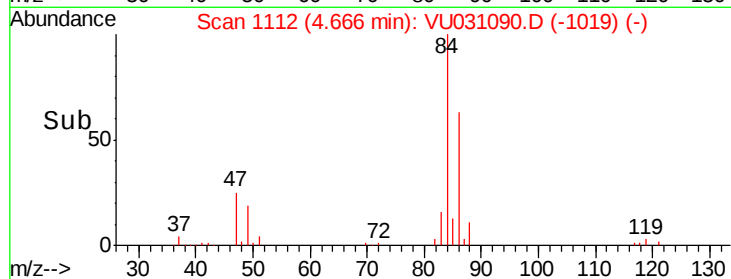
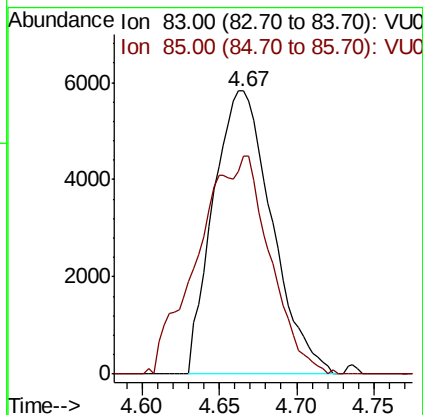
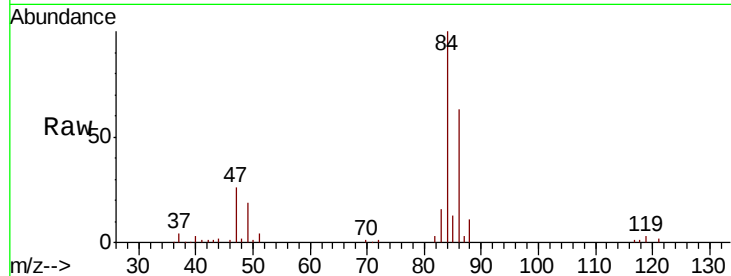




#25
Chloroform
Concen: 2.150 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VU031090.D
Acq: 11 Apr 2019 23:28

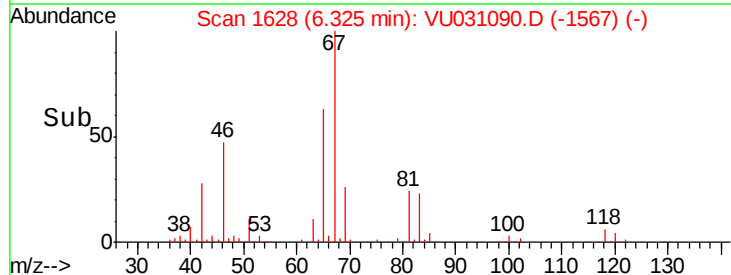
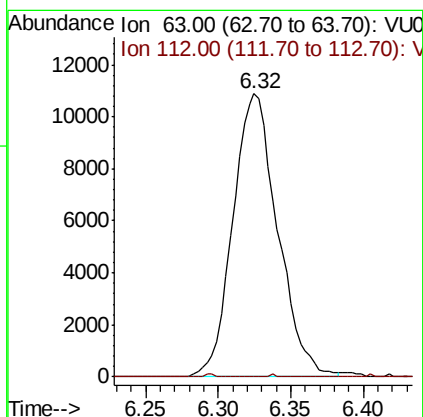
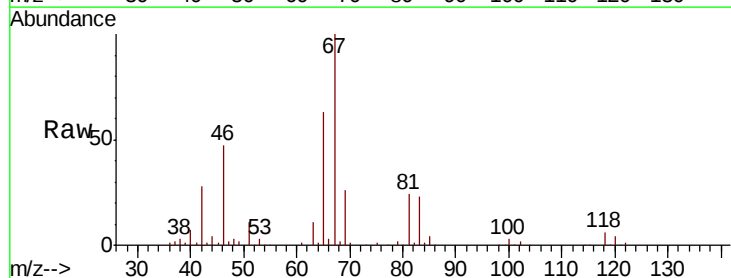
Instrument :
MSVOA_U
ClientSampleId :
BF177ME

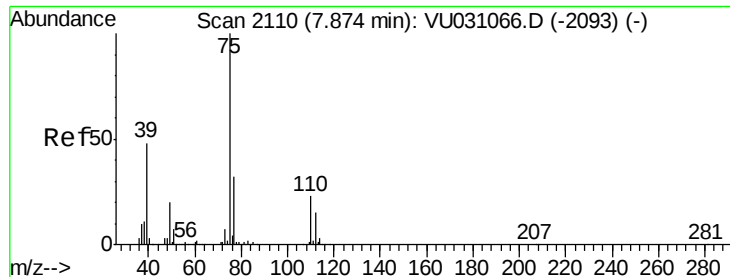
Tot Ion: 83 Resp: 15309
Ion Ratio Lower Upper
83 100
85 77.2 45.8 85.0



#37
1,2-Dichloropropane
Concen: 5.430 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU031090.D
Acq: 11 Apr 2019 23:28

Tgt Ion: 63 Resp: 23327
Ion Ratio Lower Upper
63 100
112 0.2 3.0 4.4#





#44

trans-1,3-Dichloropropene

Concen: 0.718 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.02 min

Lab File: VU031090.D

Acq: 11 Apr 2019 23:28

Instrument :

MSVOA_U

ClientSampleId :

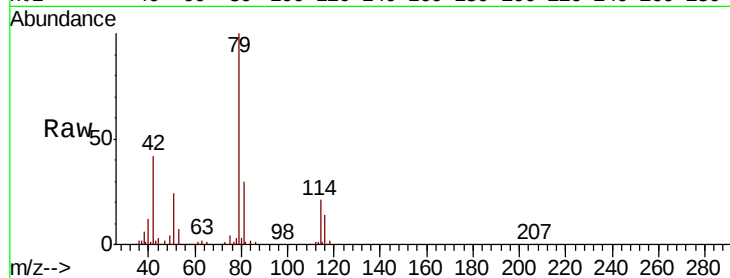
BF177ME

Tot Ion: 75 Resp: 3870

Ion Ratio Lower Upper

75 100

77 30.4 21.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VU031066.D (-2093) (-)

Ion 77.00 (76.70 to 77.70): VU031066.D (-2093) (-)

7.85

2000

1500

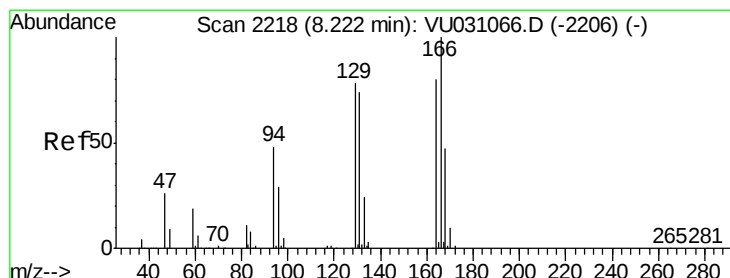
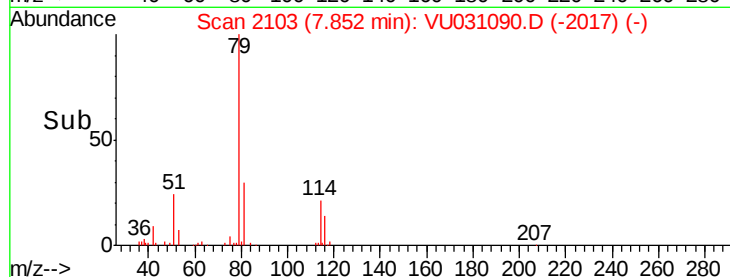
1000

500

0

7.80 7.85 7.90

Time-->



#46

Tetrachloroethene

Concen: 15.772 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU031090.D

Acq: 11 Apr 2019 23:28

Tgt Ion: 164 Resp: 42668

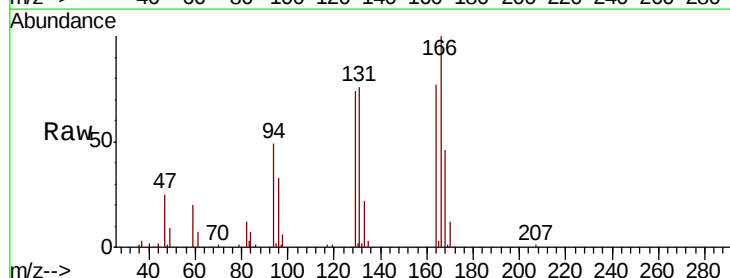
Ion Ratio Lower Upper

164 100

129 96.3 67.4 125.2

131 98.7 65.9 122.5

166 130.6 88.6 164.6



Abundance Ion 164.00 (163.70 to 164.70): VU031066.D (-2206) (-)

Ion 129.00 (128.70 to 129.70): VU031066.D (-2206) (-)

Ion 131.00 (130.70 to 131.70): VU031066.D (-2206) (-)

Ion 166.00 (165.70 to 166.70): VU031066.D (-2206) (-)

8.22

50000

40000

30000

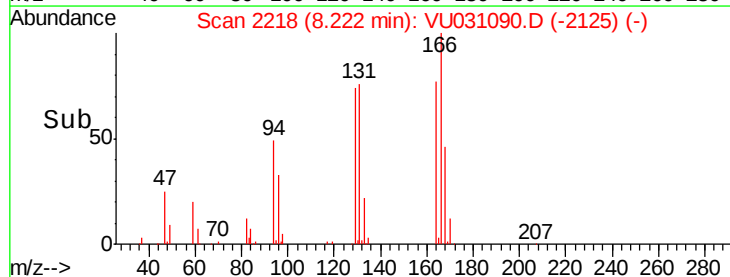
20000

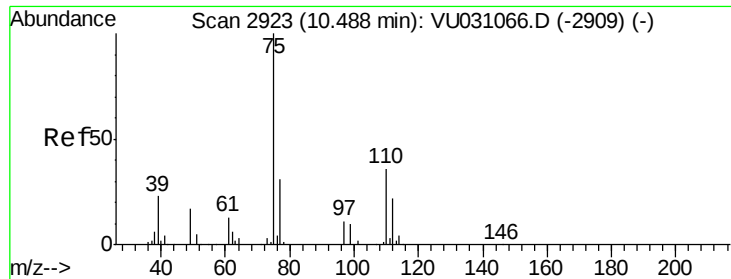
10000

0

8.15 8.20 8.25 8.30

Time-->





#59

1,2,3-Trichloropropane

Concen: 5.300 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031090.D

Acq: 11 Apr 2019 23:28

Instrument :

MSVOA_U

ClientSampleId :

BF177ME

Tot Ion: 75 Resp: 27272

Ion Ratio Lower Upper

75 100

77 39.4 26.1 39.1#

