

Data File : VU030830.D
Acq On : 07 Apr 2019 03:02
Operator : JC/SP
Sample : K2277-14 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF2Q0

Quant Time: Apr 08 07:09:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 07:03:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	464371	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	461294	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	183479	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	218422	52.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.38%
7) Chloroethane-d5	1.68	69	169154	53.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.52%
11) 1,1-Dichloroethene-d2	2.27	63	313939	41.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.74%
21) 2-Butanone-d5	4.17	46	342842	104.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.35%
24) Chloroform-d	4.64	84	308814	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.54%
26) 1,2-Dichloroethane-d4	5.31	65	221246	51.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.40%
32) Benzene-d6	5.34	84	671044	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.66%
36) 1,2-Dichloropropane-d6	6.32	67	234996	50.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.84%
41) Toluene-d8	7.56	98	561295	47.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.04%
43) trans-1,3-Dichloropropene-	7.85	79	92701	44.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.10%
47) 2-Hexanone-d5	8.31	63	214222	101.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	303003	48.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	187780	52.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.08%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2883	0.867 ug/L #	30
12) 1,1-Dichloroethene	2.28	96	26943	8.394 ug/L #	1
13) Acetone	2.32	43	3842	1.143 ug/L	68
25) Chloroform	4.67	83	27873	3.943 ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	3919	0.731 ug/L	94
45) 1,1,2-Trichloroethane	8.22	97	2574	0.710 ug/L #	8
46) Tetrachloroethene	8.22	164	254582	94.577 ug/L	98
48) 2-Hexanone	8.31	43	26054	4.858 ug/L #	76
59) 1,2,3-Trichloropropane	11.48	75	24420	4.770 ug/L	98

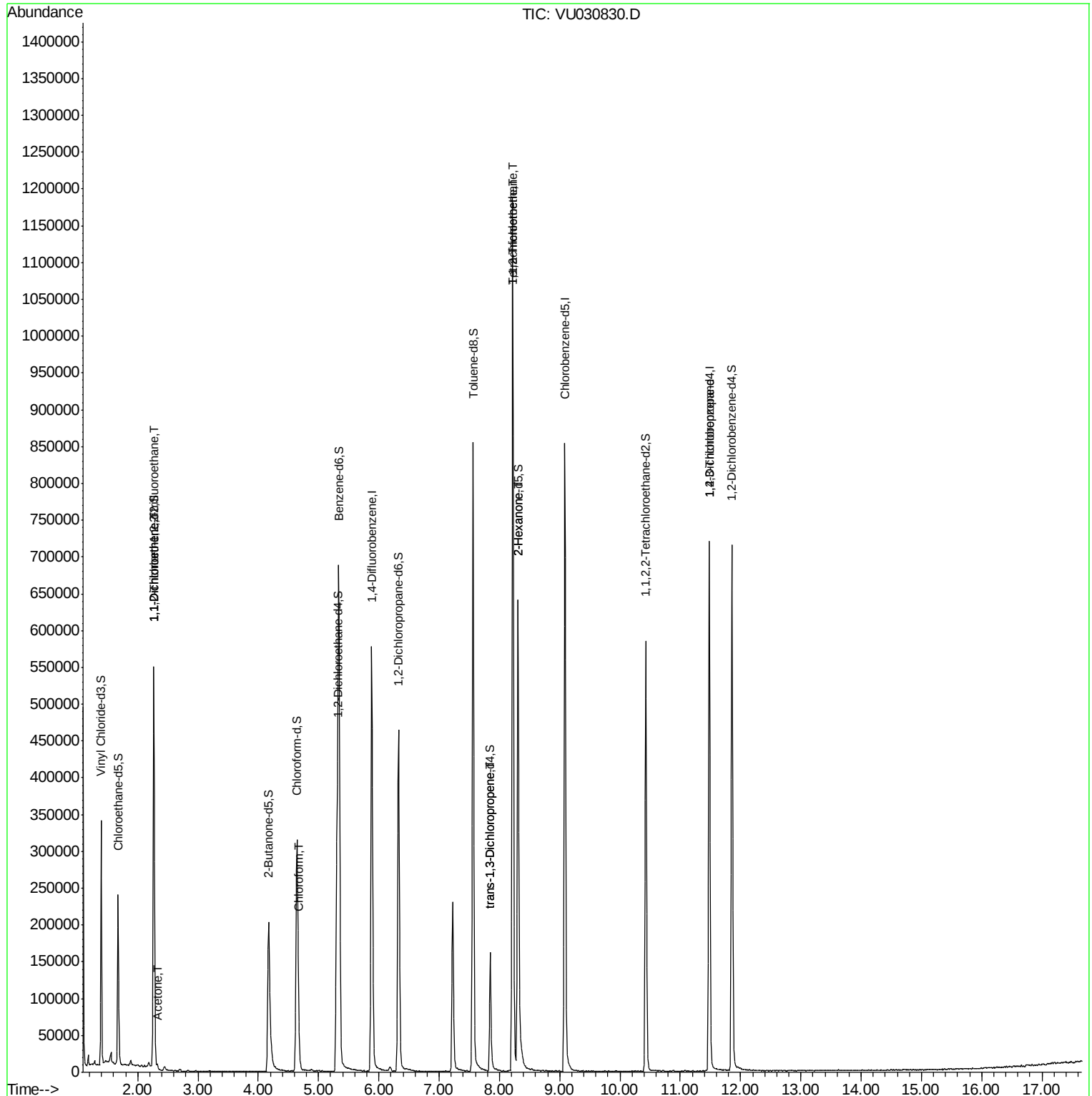
(#) = qualifier out of range (m) = manual integration (+) = signals summed

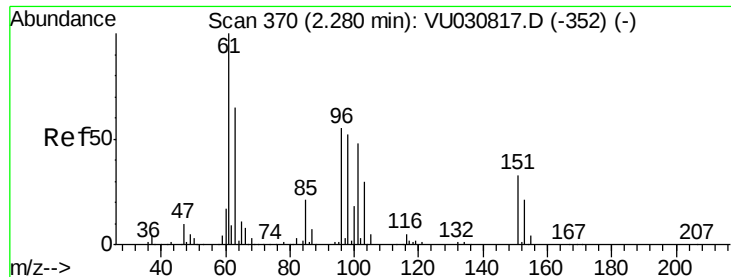
Data File : VU030830.D

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Quant Title : VOC Analysis
QLast Update : Mon Apr 08 07:03:53 2019
Response via : Initial Calibration





#10

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

Concen: 0.867 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU030830.D

Acq: 07 Apr 2019 03:02

Instrument :

MSVOA_U

ClientSampleId :

BF2Q0

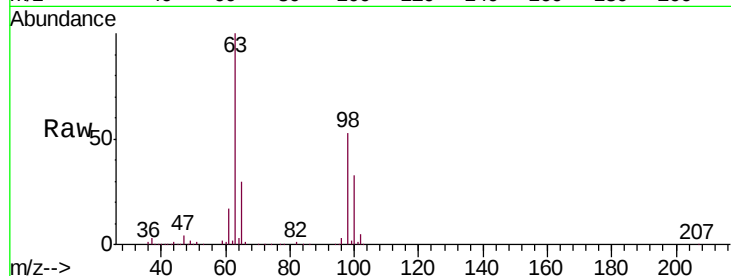
Tgt Ion: 101 Resp: 2883

Ion Ratio Lower Upper

101 100

85 4.0 36.8 55.2#

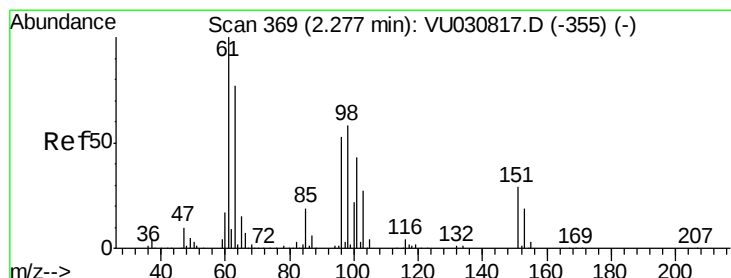
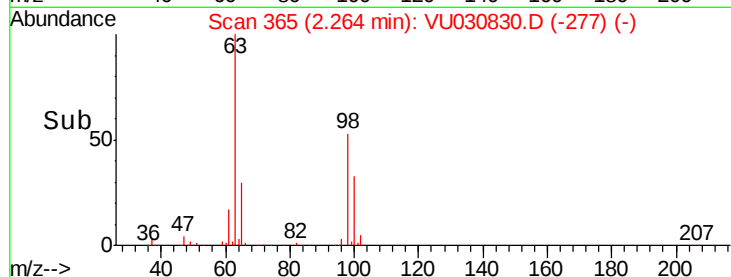
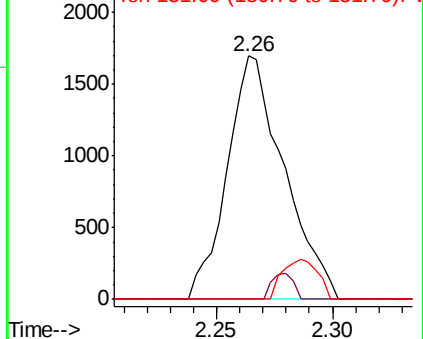
151 10.2 57.4 86.0#



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



#12

1,1-Dichloroethene

Concen: 8.394 ug/L

RT: 2.28 min Scan# 369

Delta R.T. 0.00 min

Lab File: VU030830.D

Acq: 07 Apr 2019 03:02

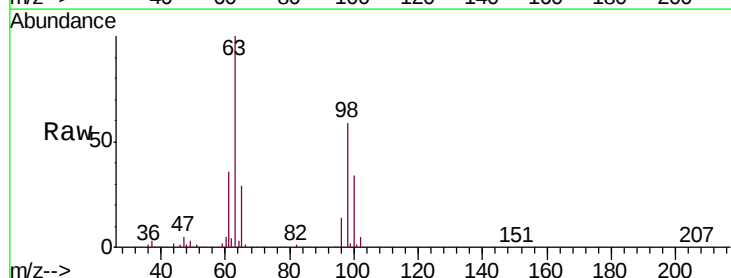
Tgt Ion: 96 Resp: 26943

Ion Ratio Lower Upper

96 100

61 252.5 132.0 245.2#

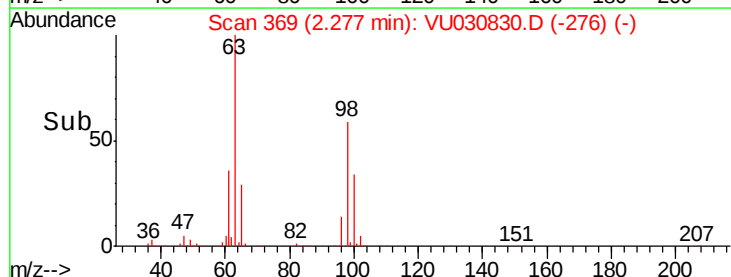
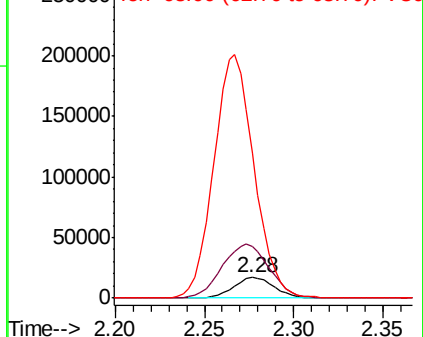
63 703.2 90.9 168.9#

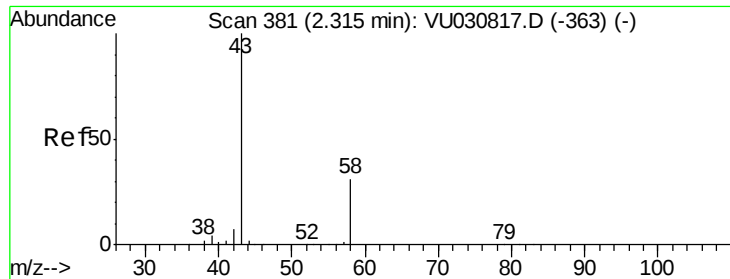


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.143 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VU030830.D

Acq: 07 Apr 2019 03:02

Instrument :

MSVOA_U

ClientSampleId :

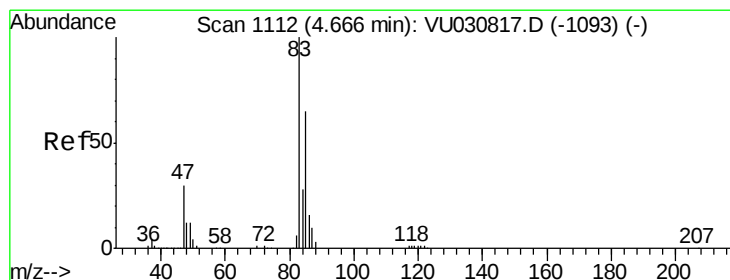
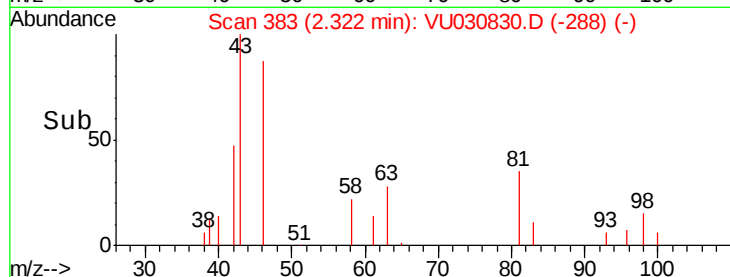
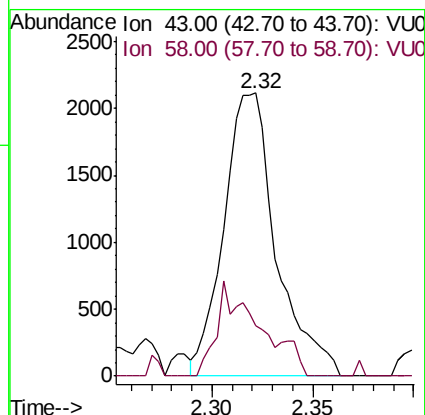
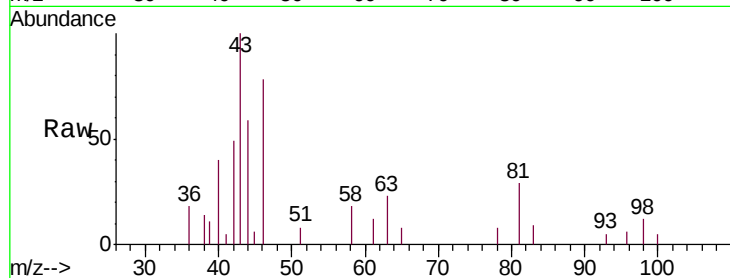
BF2Q0

Tgt Ion: 43 Resp: 3842

Ion Ratio Lower Upper

43 100

58 14.0 0.0 64.0



#25

Chloroform

Concen: 3.943 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VU030830.D

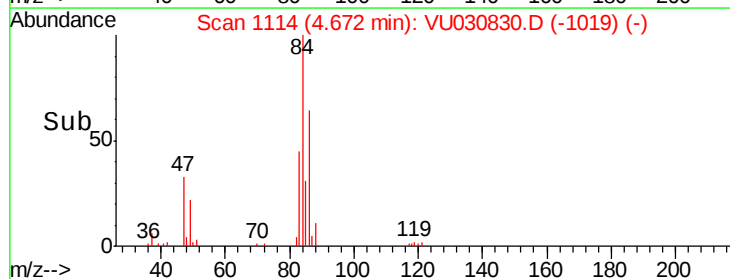
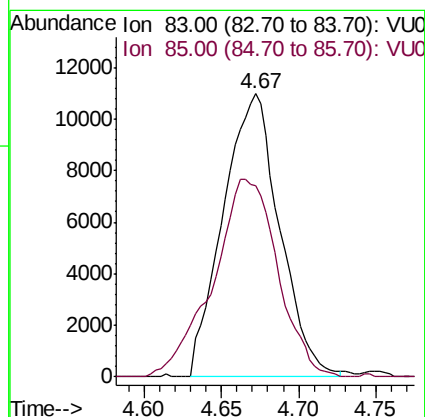
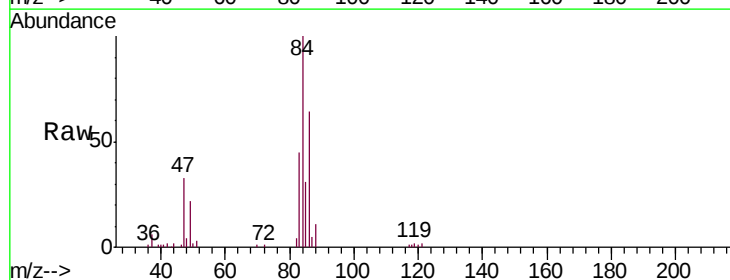
Acq: 07 Apr 2019 03:02

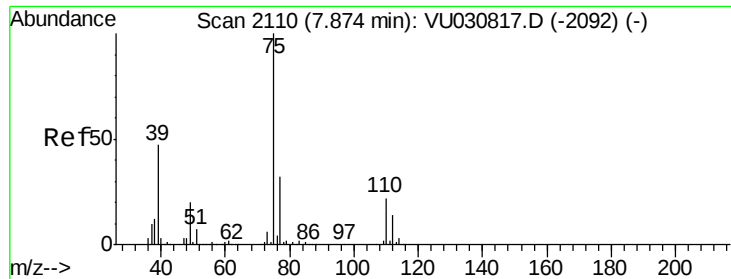
Tgt Ion: 83 Resp: 27873

Ion Ratio Lower Upper

83 100

85 67.4 45.8 85.0





#44

trans-1,3-Dichloropropene

Concen: 0.731 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030830.D

Acq: 07 Apr 2019 03:02

Instrument :

MSVOA_U

ClientSampled :

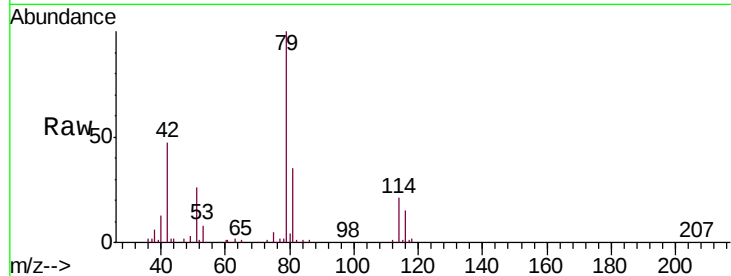
BF2Q0

Tgt Ion: 75 Resp: 3919

Ion Ratio Lower Upper

75 100

77 34.3 21.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VU030817.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU030817.D (-2092) (-)

7.85

2500

2000

1500

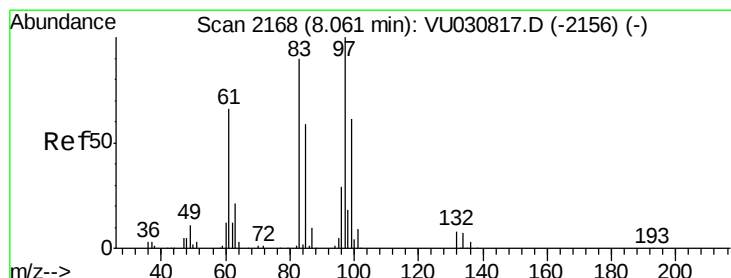
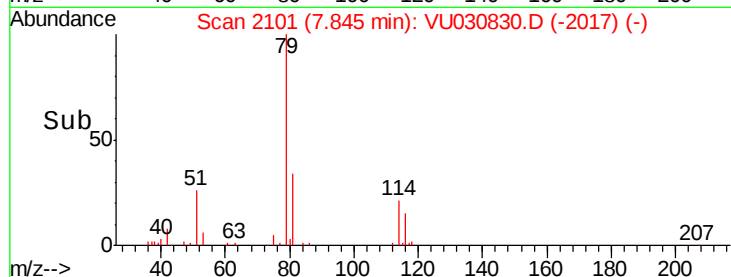
1000

500

0

7.80 7.85 7.90

Time-->



#45

1,1,2-Trichloroethane

Concen: 0.710 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.16 min

Lab File: VU030830.D

Acq: 07 Apr 2019 03:02

Tgt Ion: 97 Resp: 2574

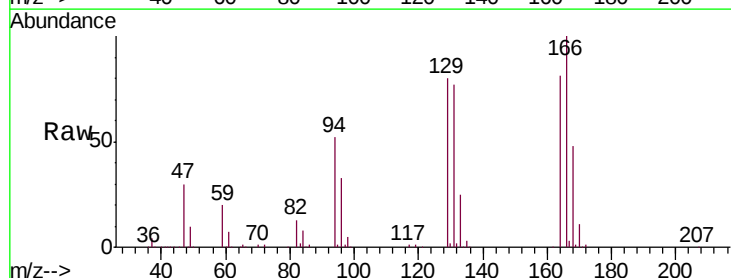
Ion Ratio Lower Upper

97 100

99 13.9 44.0 81.8#

83 226.7 65.3 121.3#

85 23.3 42.5 78.9#



Abundance Ion 97.00 (96.70 to 97.70): VU030817.D (-2156) (-)

Ion 99.00 (98.70 to 99.70): VU030817.D (-2156) (-)

Ion 83.00 (82.70 to 83.70): VU030817.D (-2156) (-)

Ion 85.00 (84.70 to 85.70): VU030817.D (-2156) (-)

6000

5000

4000

3000

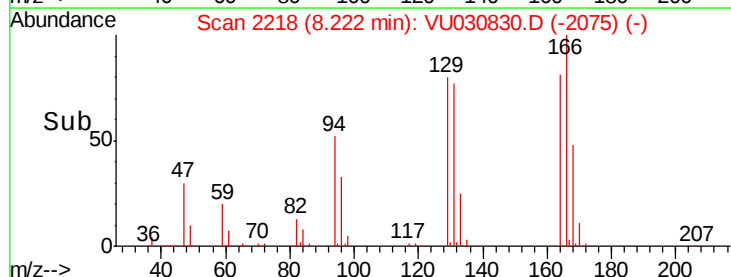
2000

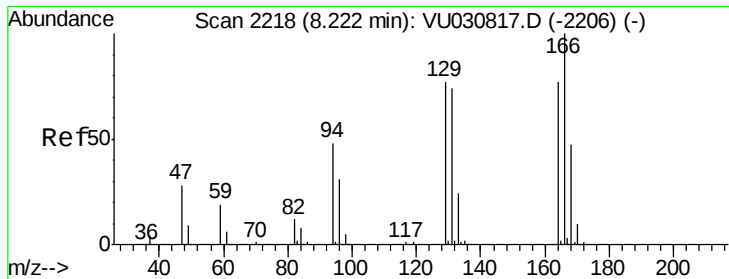
1000

0

8.18 8.20 8.22 8.24 8.26

Time-->

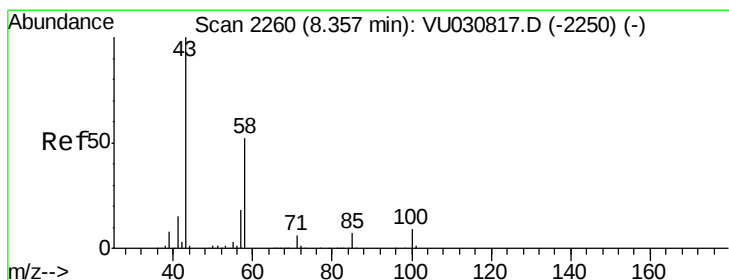
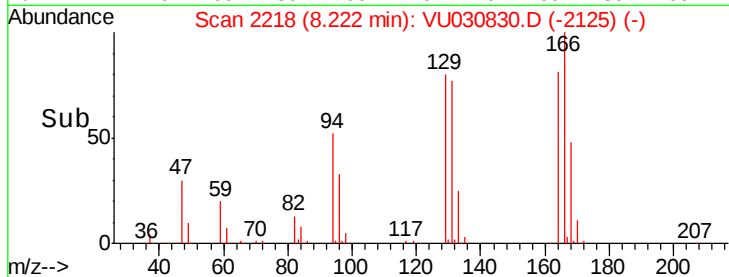
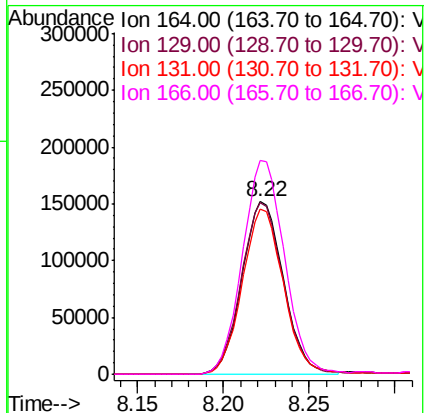
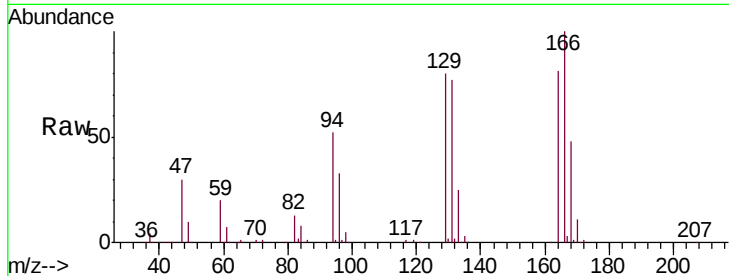




#46
Tetrachloroethene
Concen: 94.577 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU030830.D
Acq: 07 Apr 2019 03:02

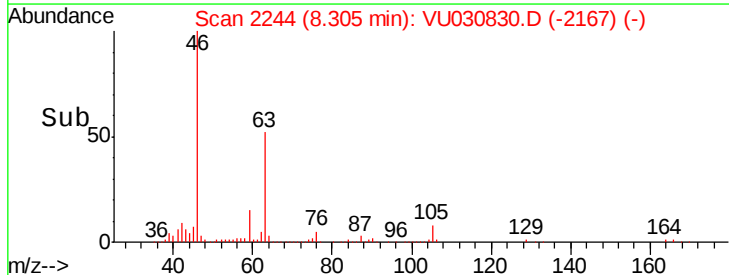
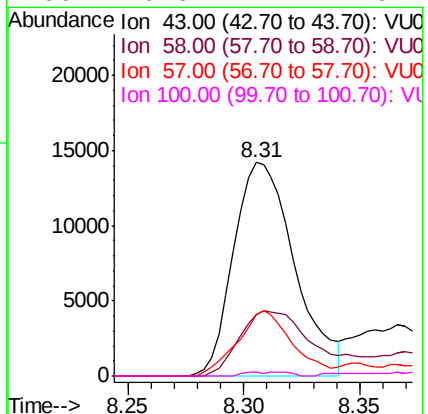
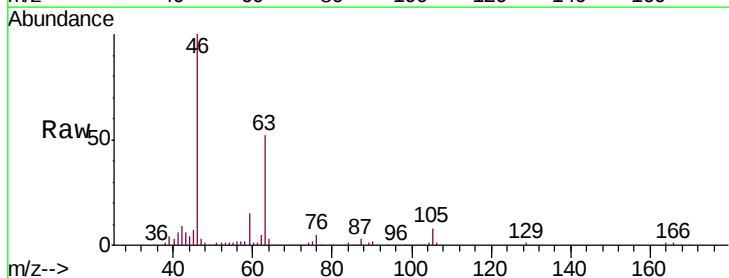
Instrument :
MSVOA_U
ClientSampleId :
BF2Q0

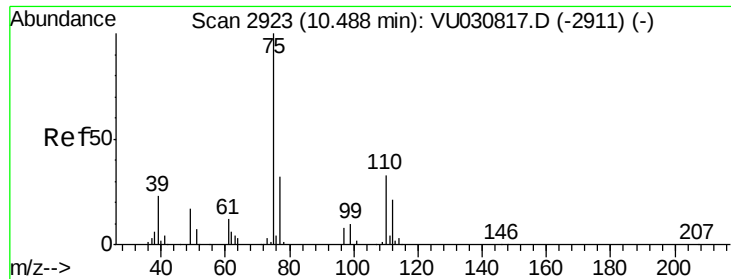
Tgt Ion:164 Resp: 254582
Ion Ratio Lower Upper
164 100
129 99.2 67.4 125.2
131 95.5 65.9 122.5
166 123.7 88.6 164.6



#48
2-Hexanone
Concen: 4.858 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.05 min
Lab File: VU030830.D
Acq: 07 Apr 2019 03:02

Tgt Ion: 43 Resp: 26054
Ion Ratio Lower Upper
43 100
58 34.3 41.9 62.9#
57 27.3 14.3 21.5#
100 0.6 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 4.770 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030830.D

Acq: 07 Apr 2019 03:02

Instrument :

MSVOA_U

ClientSampleId :

BF2Q0

Tgt Ion: 75 Resp: 24420

Ion Ratio Lower Upper

75 100

77 33.7 26.1 39.1

