

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
 Data File : VU031182.D
 Acq On : 14 Apr 2019 01:36
 Operator : JC/SP
 Sample : K2339-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC48

Quant Time: Apr 14 02:29:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 14 02:24:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	470635	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	459826	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	177319	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	189888	45.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.40%
7) Chloroethane-d5	1.67	69	148685	46.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.26%
11) 1,1-Dichloroethene-d2	2.26	63	262442	34.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.08%
21) 2-Butanone-d5	4.17	46	327625	98.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.39%
24) Chloroform-d	4.64	84	330476	51.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.98%
26) 1,2-Dichloroethane-d4	5.30	65	219001	50.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.02%
32) Benzene-d6	5.34	84	658569	49.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.12%
36) 1,2-Dichloropropane-d6	6.32	67	223486	48.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.16%
41) Toluene-d8	7.56	98	550050	46.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.46%
43) trans-1,3-Dichloropropene-	7.85	79	87669	41.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.58%
47) 2-Hexanone-d5	8.31	63	190070	90.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	310219	49.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	194431	55.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.50%

Target Compounds

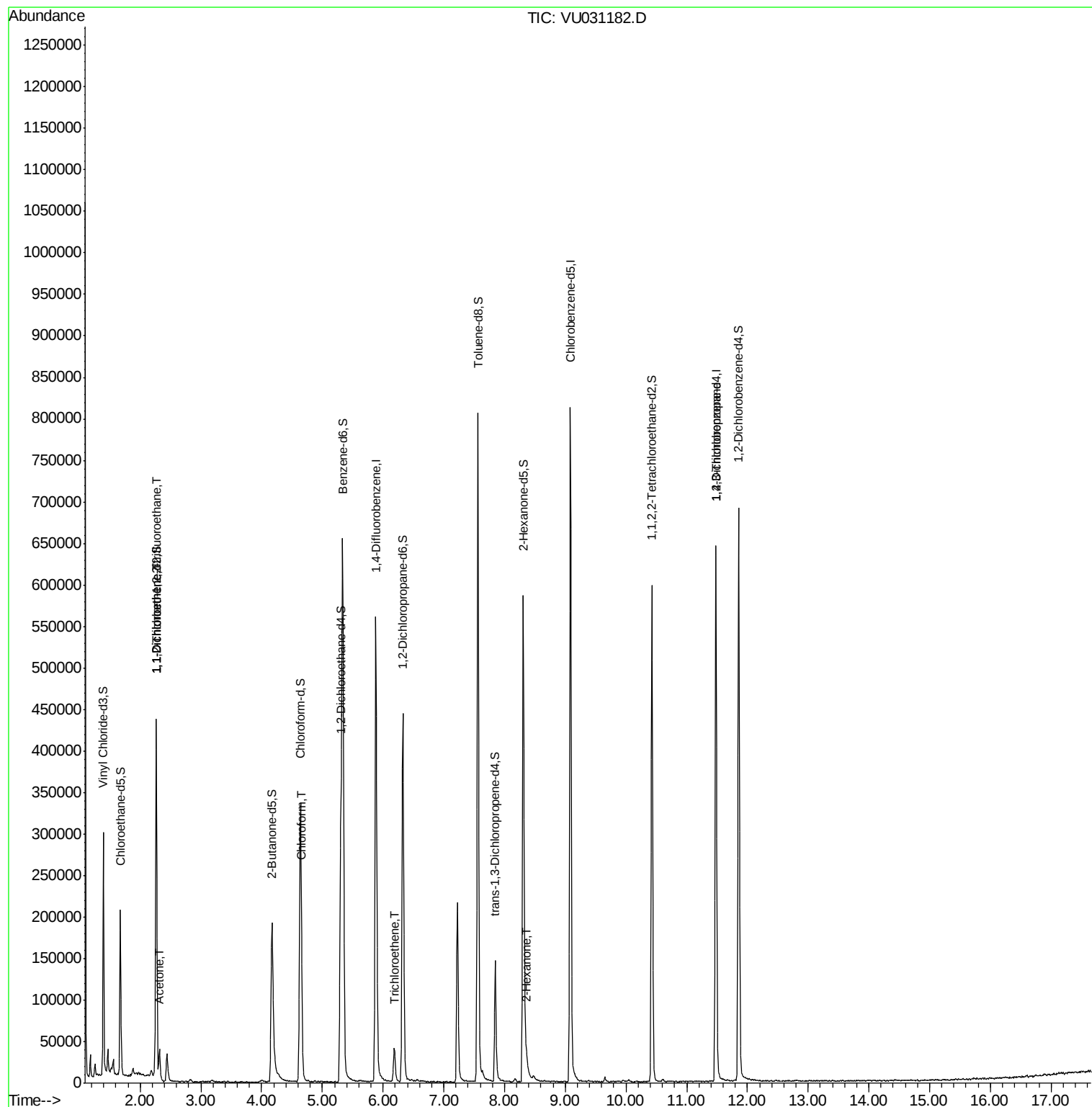
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2154	0.639 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	1833	0.563 ug/L #	1
13) Acetone	2.31	43	36490	10.710 ug/L	98
25) Chloroform	4.67	83	3996	0.558 ug/L	93
34) Trichloroethene	6.19	95	14861	4.027 ug/L	90
48) 2-Hexanone	8.37	43	5637	1.054 ug/L #	41
59) 1,2,3-Trichloropropane	11.48	75	18844	3.693 ug/L #	83

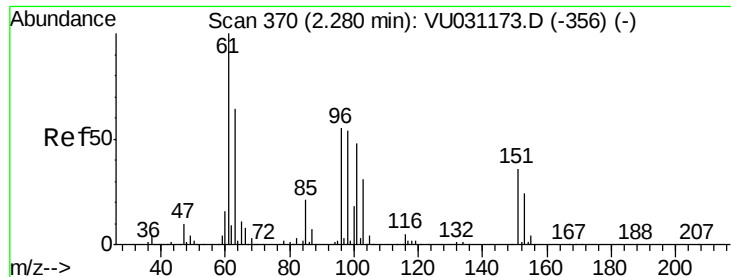
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Apr 14 02:24:32 2019
Response via : Initial Calibration





#10

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

Concen: 0.639 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU031182.D

Acq: 14 Apr 2019 01:36

Instrument :

MSVOA_U

ClientSampleId :

BFC48

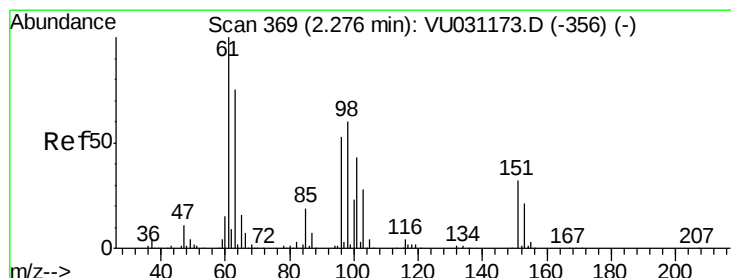
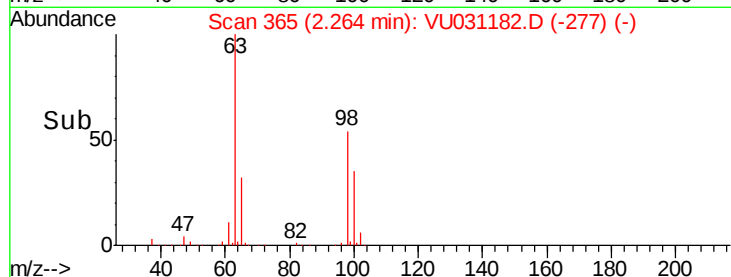
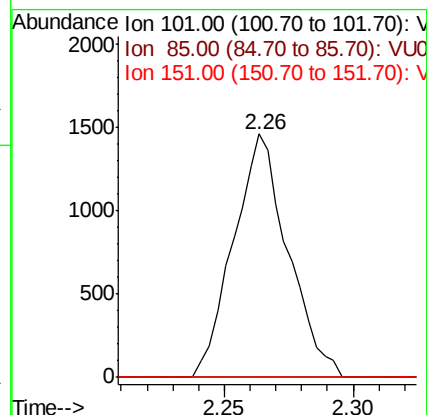
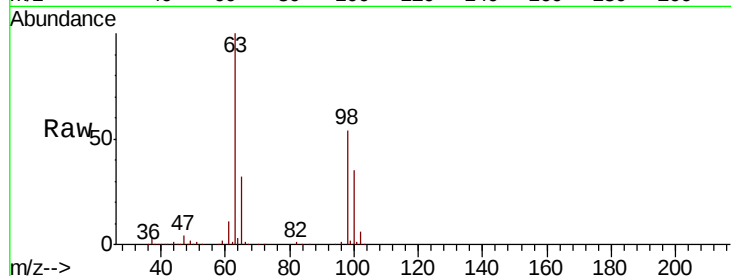
Tot Ion:101 Resp: 2154

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

151 0.0 57.4 86.0#



#12

1,1-Dichloroethene

Concen: 0.563 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031182.D

Acq: 14 Apr 2019 01:36

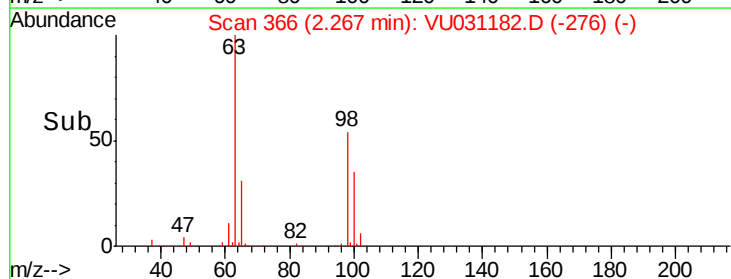
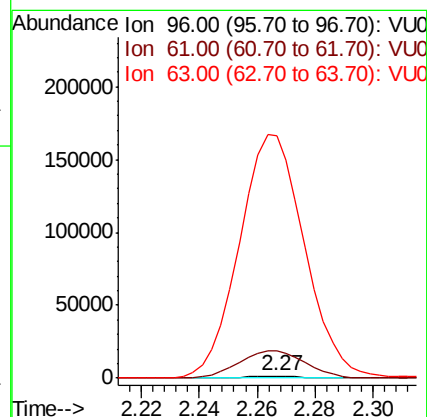
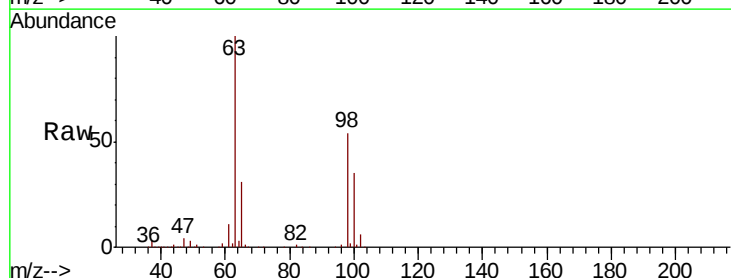
Tgt Ion: 96 Resp: 1833

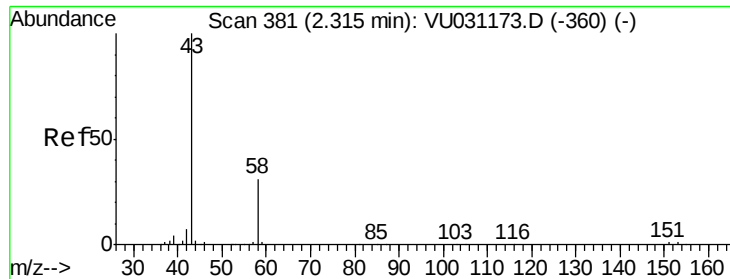
Ion Ratio Lower Upper

96 100

61 1485.9 132.0 245.2#

63 13077.4 90.9 168.9#





#13

Acetone

Concen: 10.710 ug/L

RT: 2.31 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU031182.D

Acq: 14 Apr 2019 01:36

Instrument :

MSVOA_U

ClientSampleId :

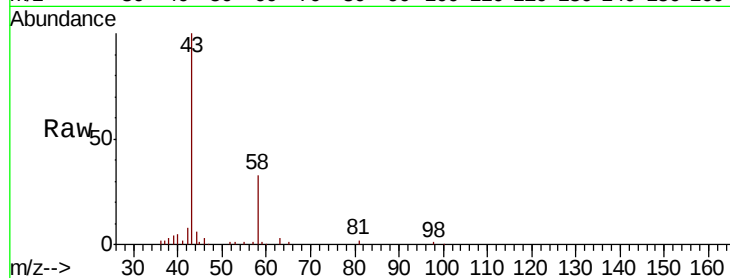
BFC48

Tot Ion: 43 Resp: 36490

Ion Ratio Lower Upper

43 100

58 30.7 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031173.D (-360) (-)

Ion 58.00 (57.70 to 58.70): VU031173.D (-360) (-)

25000

20000

15000

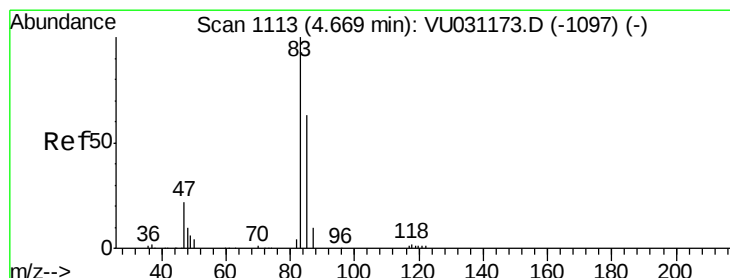
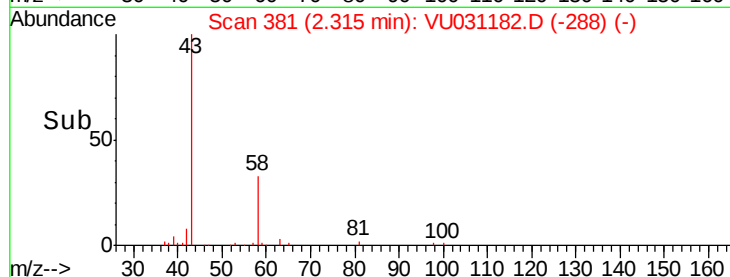
10000

5000

0

2.25 2.30 2.35 2.40

Time-->



#25

Chloroform

Concen: 0.558 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU031182.D

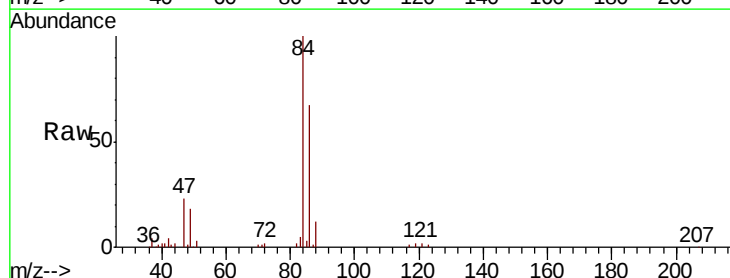
Acq: 14 Apr 2019 01:36

Tgt Ion: 83 Resp: 3996

Ion Ratio Lower Upper

83 100

85 70.9 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU031173.D (-1097) (-)

Ion 85.00 (84.70 to 85.70): VU031173.D (-1097) (-)

2500

2000

1500

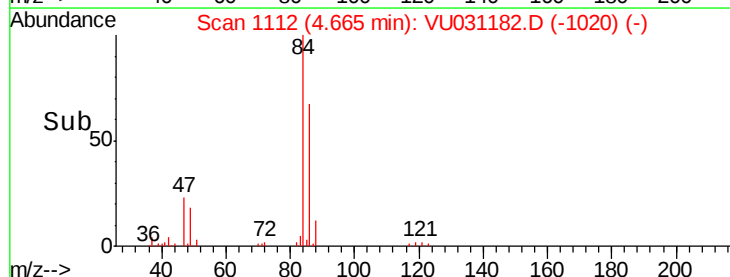
1000

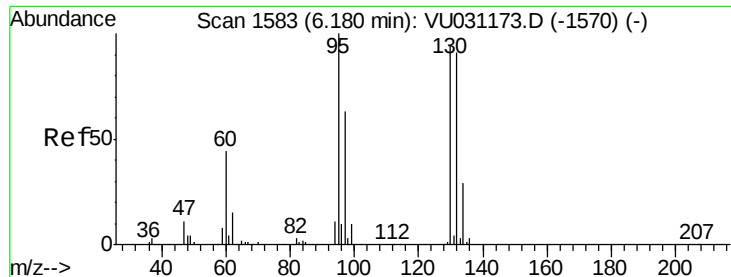
500

0

4.65 4.70

Time-->





#34

Trichloroethene

Concen: 4.027 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU031182.D

Acq: 14 Apr 2019 01:36

Instrument :

MSVOA_U

ClientSampled :

BFC48

Tot Ion: 95 Resp: 14861

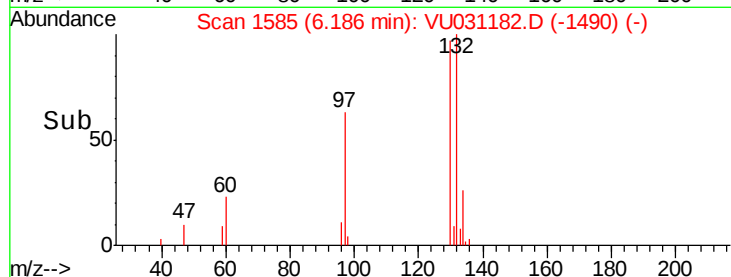
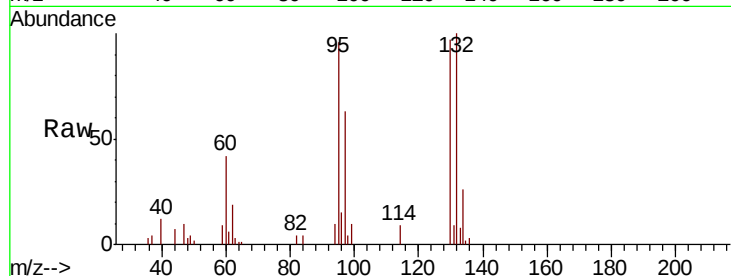
Ion Ratio Lower Upper

95 100

97 65.5 44.5 82.7

132 104.0 61.5 114.1

130 100.7 64.9 120.5

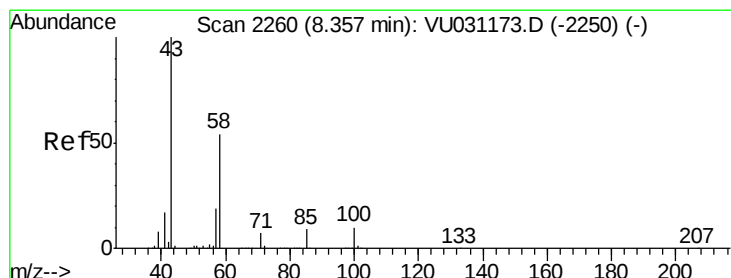
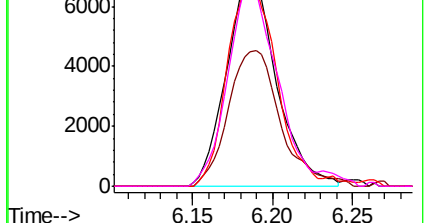


Abundance Ion 95.00 (94.70 to 95.70): VU031173.D (-1570) (-)

Ion 97.00 (96.70 to 97.70): VU031182.D (-1490) (-)

Ion 132.00 (131.70 to 132.70): VU031182.D (-1490) (-)

Ion 130.00 (129.70 to 130.70): VU031182.D (-1490) (-)



#48

2-Hexanone

Concen: 1.054 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VU031182.D

Acq: 14 Apr 2019 01:36

Tgt Ion: 43 Resp: 5637

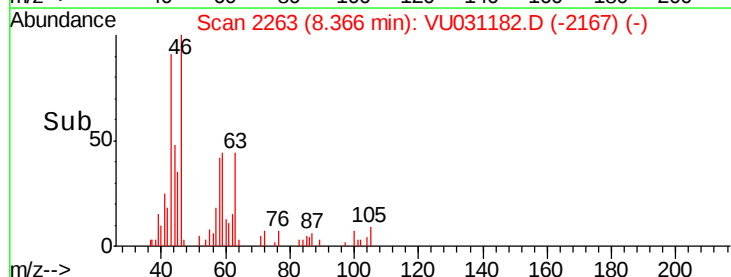
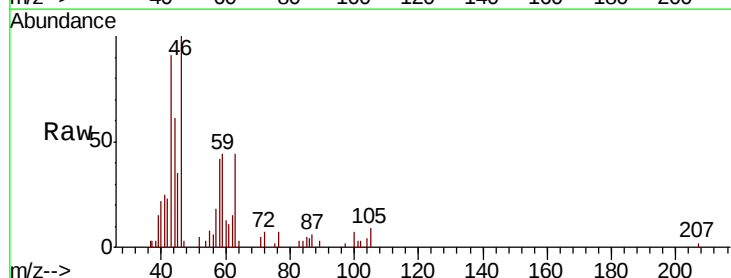
Ion Ratio Lower Upper

43 100

58 0.0 41.9 62.9#

57 0.0 14.3 21.5#

100 9.9 7.1 10.7

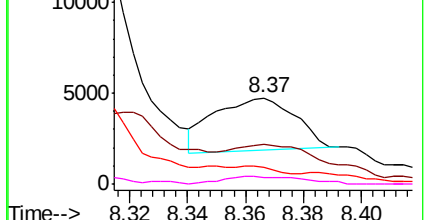


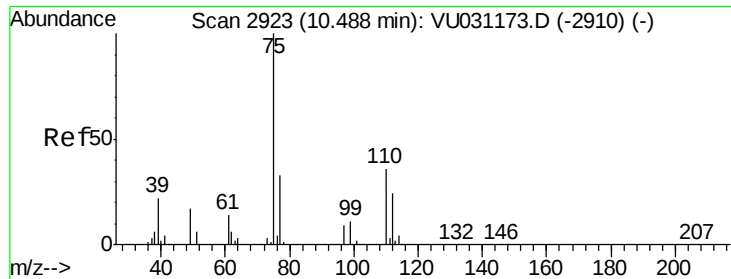
Abundance Ion 43.00 (42.70 to 43.70): VU031173.D (-2250) (-)

Ion 58.00 (57.70 to 58.70): VU031182.D (-2167) (-)

Ion 57.00 (56.70 to 57.70): VU031182.D (-2167) (-)

Ion 100.00 (99.70 to 100.70): VU031182.D (-2167) (-)





#59

1,2,3-Trichloropropane

Concen: 3.693 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031182.D

Acq: 14 Apr 2019 01:36

Instrument :

MSVOA_U

ClientSampleId :

BFC48

Tot Ion: 75 Resp: 18844

Ion Ratio Lower Upper

75 100

77 42.4 26.1 39.1#

