

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031057.D
 Acq On : 11 Apr 2019 10:20
 Operator : JC/SP
 Sample : K2340-16 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2S6

Quant Time: Apr 12 03:11:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 03:03:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	489490	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	487830	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	211538	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	194151	44.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.86%
7) Chloroethane-d5	1.68	69	163650	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.70%
11) 1,1-Dichloroethene-d2	2.27	63	287537	36.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.76%
21) 2-Butanone-d5	4.17	46	354122	102.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.26%
24) Chloroform-d	4.64	84	333609	49.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.96%
26) 1,2-Dichloroethane-d4	5.31	65	235272	51.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.32%
32) Benzene-d6	5.34	84	694206	48.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.50%
36) 1,2-Dichloropropane-d6	6.32	67	240749	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.66%
41) Toluene-d8	7.56	98	617268	48.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	7.85	79	107316	48.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.44%
47) 2-Hexanone-d5	8.31	63	209786	94.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.05%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	328386	49.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	223490	53.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.44%

Target Compounds

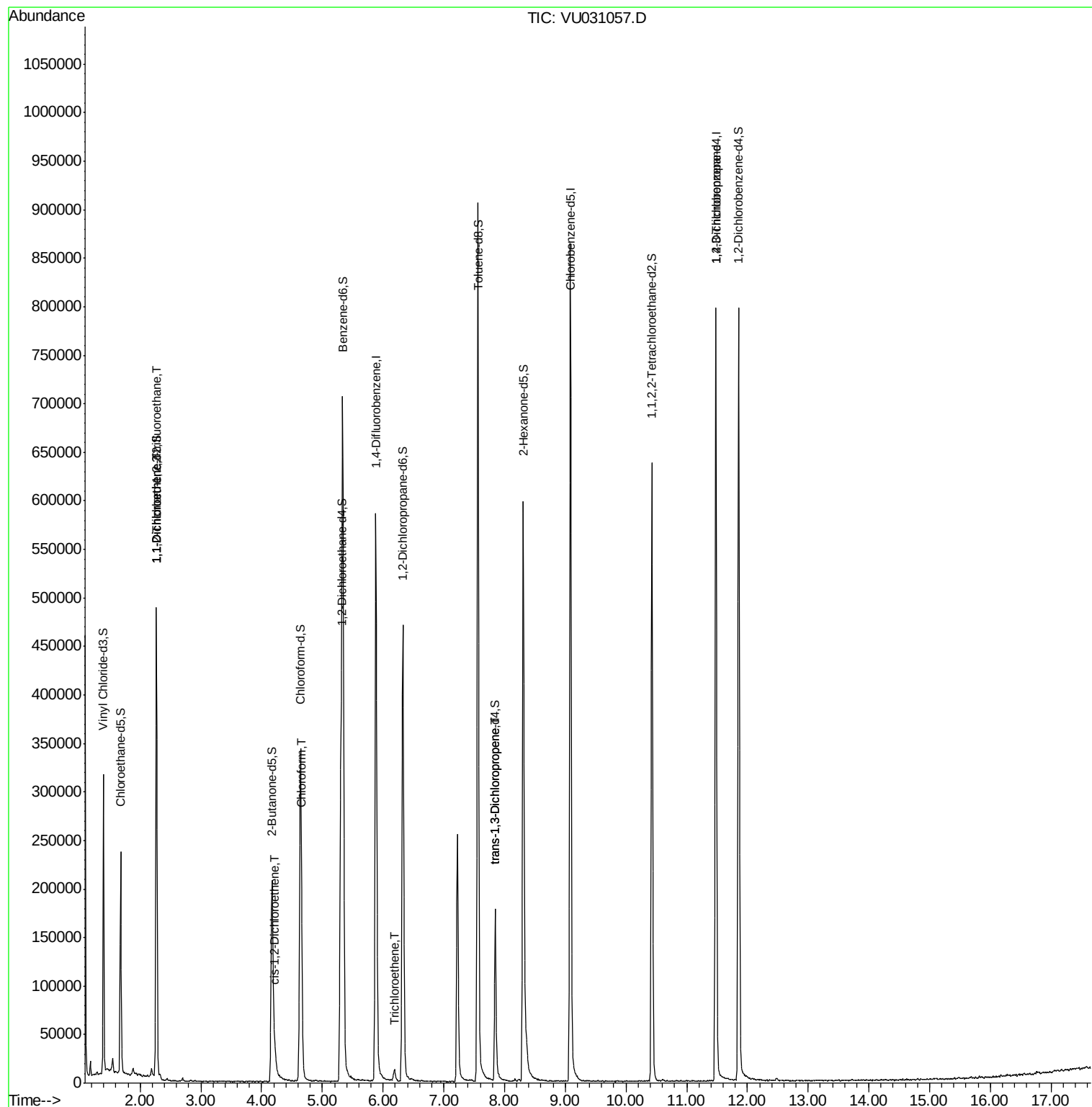
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3139	0.896 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	2188	0.647 ug/L #	1
20) cis-1,2-Dichloroethene	4.22	96	6769	1.706 ug/L	67
25) Chloroform	4.67	83	17056	2.289 ug/L	90
34) Trichloroethene	6.19	95	3696	0.944 ug/L #	77
44) trans-1,3-Dichloropropene	7.85	75	4669	0.823 ug/L #	77
59) 1,2,3-Trichloropropane	11.48	75	25816	4.768 ug/L	94

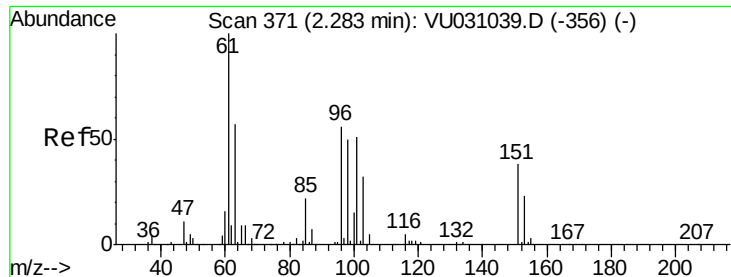
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.896 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031057.D

Acq: 11 Apr 2019 10:20

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BF2S6

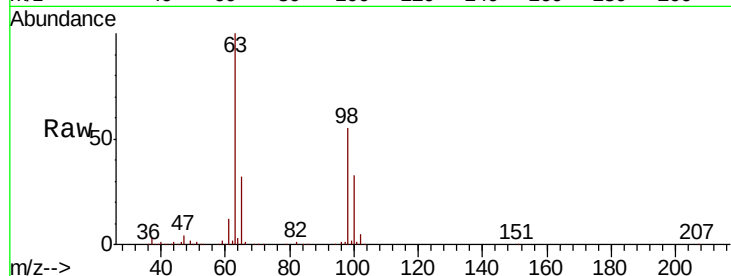
Tot Ion:101 Resp: 3139

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

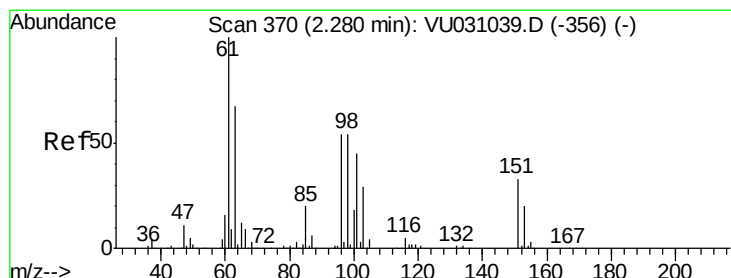
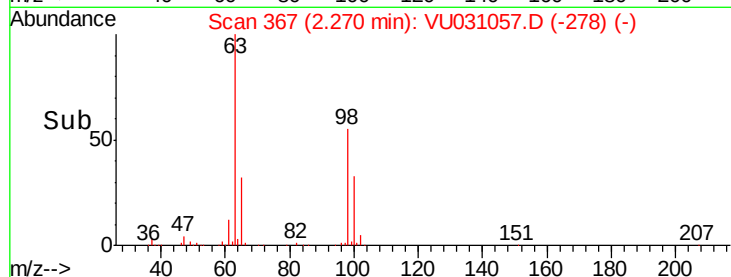
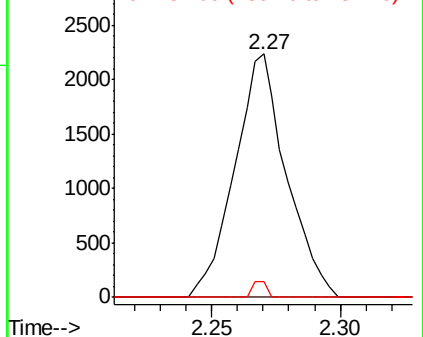
151 1.8 57.4 86.0#



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: 0.647 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031057.D

Acq: 11 Apr 2019 10:20

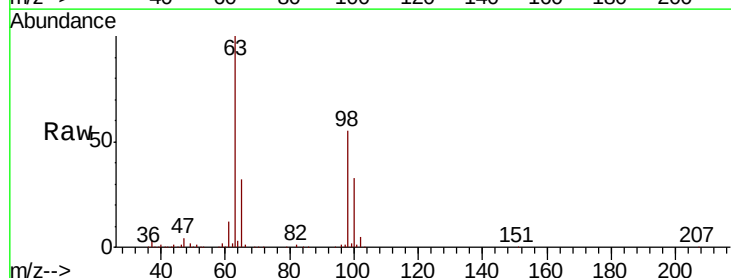
Tgt Ion: 96 Resp: 2188

Ion Ratio Lower Upper

96 100

61 1585.3 132.0 245.2#

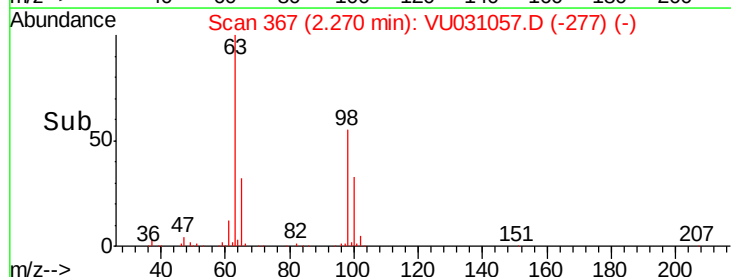
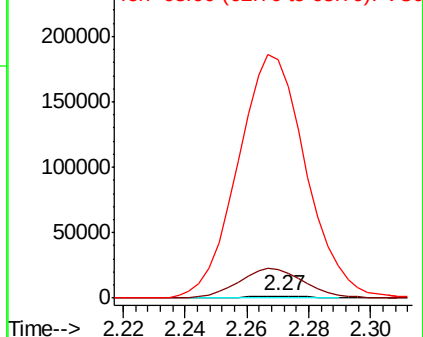
63 13396.3 90.9 168.9#

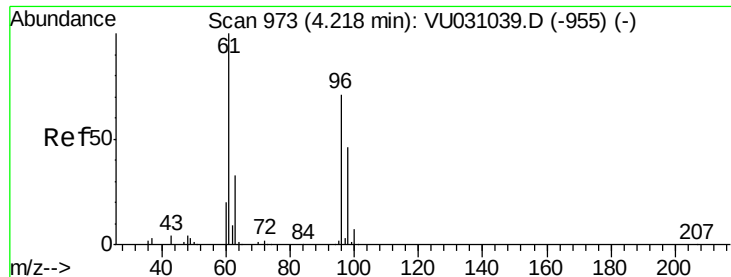


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#20

cis-1,2-Dichloroethene

Concen: 1.706 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU031057.D

Acq: 11 Apr 2019 10:20

Instrument :

MSVOA_U

ClientSampleId :

BF2S6

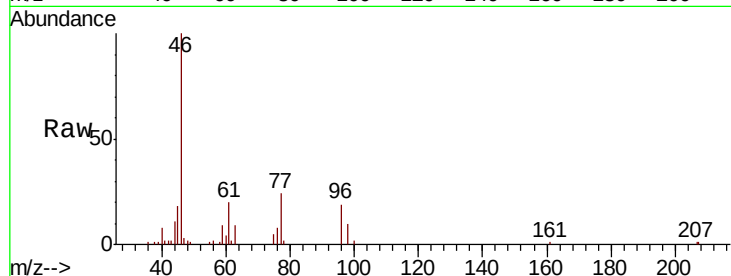
Tot Ion: 96 Resp: 6769

Ion Ratio Lower Upper

96 100

61 105.3 102.9 191.1

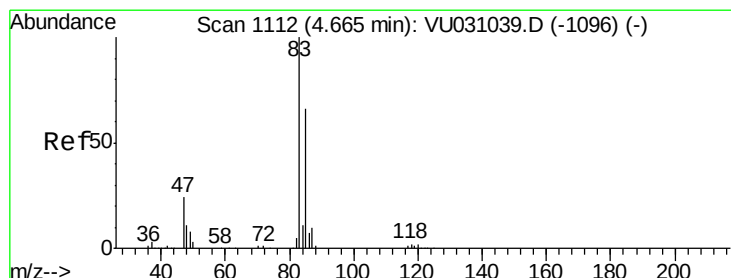
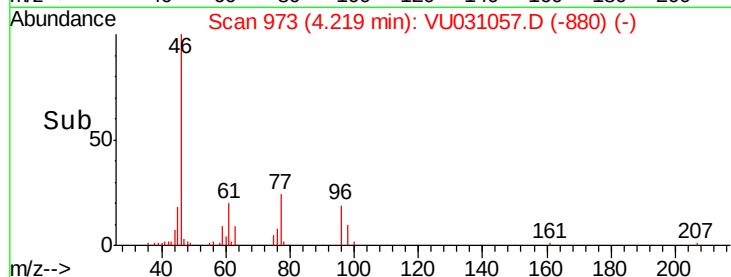
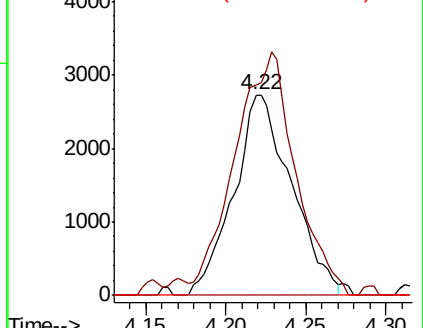
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU031039.D (-955) (-)

Ion 61.00 (60.70 to 61.70): VU031039.D (-955) (-)

Ion 68.00 (67.70 to 68.70): VU031039.D (-955) (-)



#25

Chloroform

Concen: 2.289 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VU031057.D

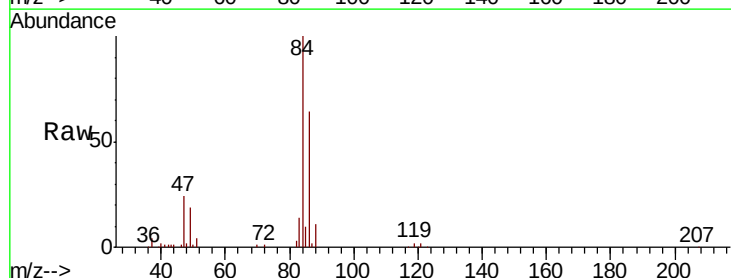
Acq: 11 Apr 2019 10:20

Tgt Ion: 83 Resp: 17056

Ion Ratio Lower Upper

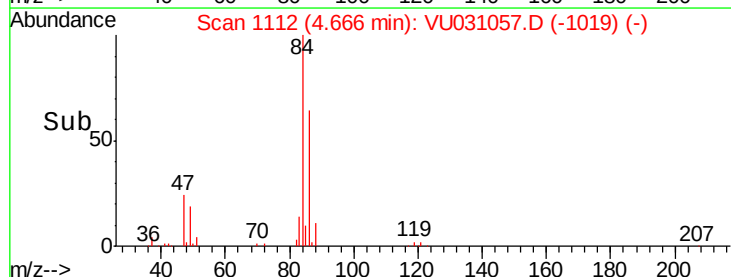
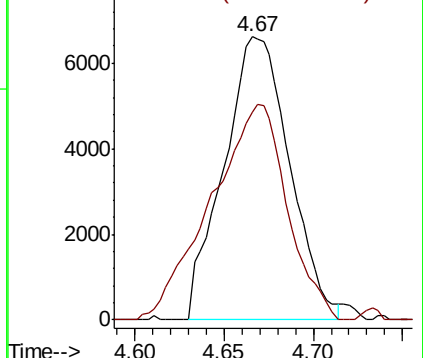
83 100

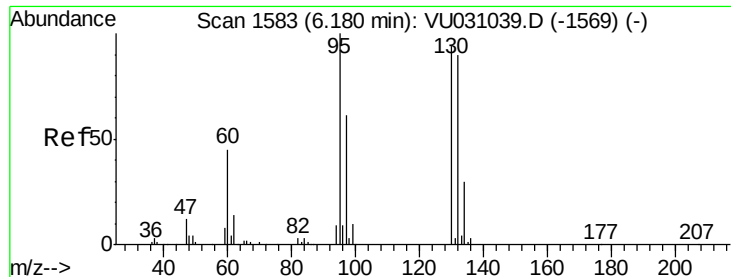
85 73.6 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU031039.D (-1096) (-)

Ion 85.00 (84.70 to 85.70): VU031039.D (-1096) (-)





#34

Trichloroethene

Concen: 0.944 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU031057.D

Acq: 11 Apr 2019 10:20

Instrument :

MSVOA_U

ClientSampleId :

BF2S6

Tot Ion: 95 Resp: 3696

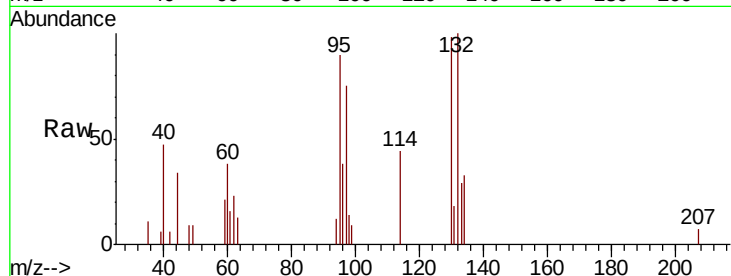
Ion Ratio Lower Upper

95 100

97 83.7 44.5 82.7#

132 111.6 61.5 114.1

130 109.8 64.9 120.5



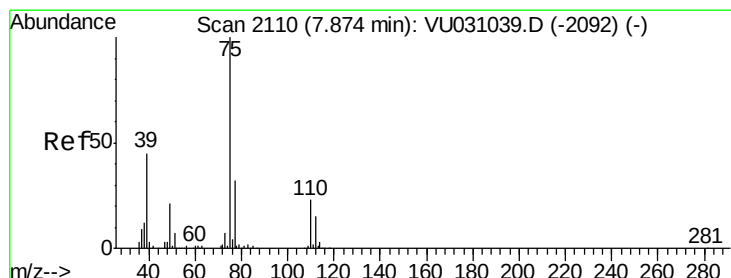
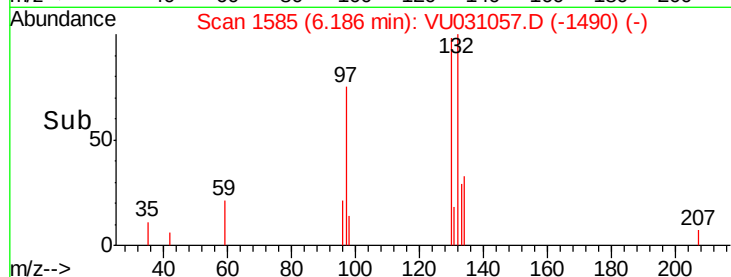
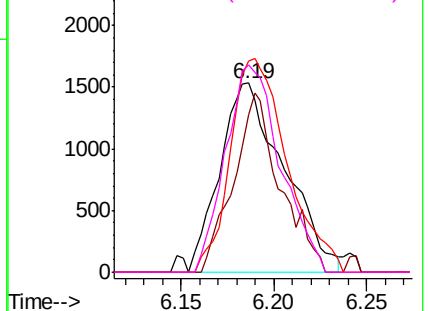
Abundance

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#44

trans-1,3-Dichloropropene

Concen: 0.823 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031057.D

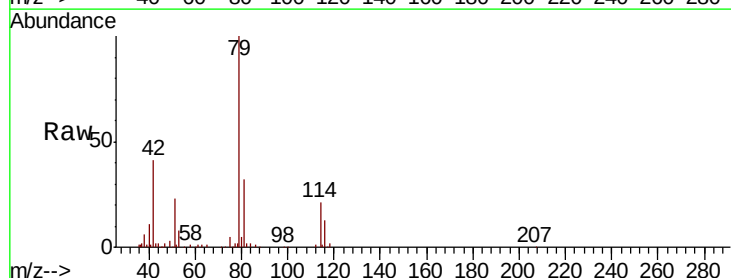
Acq: 11 Apr 2019 10:20

Tgt Ion: 75 Resp: 4669

Ion Ratio Lower Upper

75 100

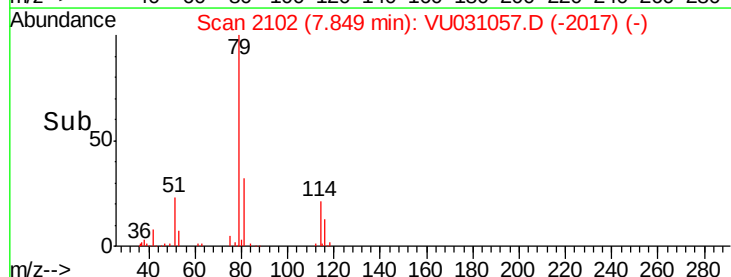
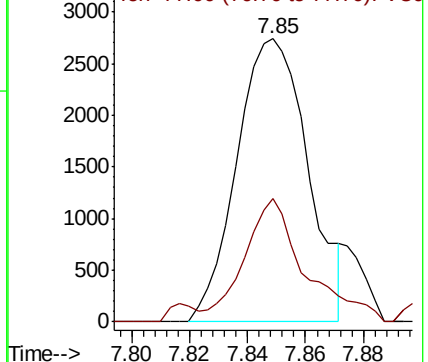
77 43.4 21.6 40.0#

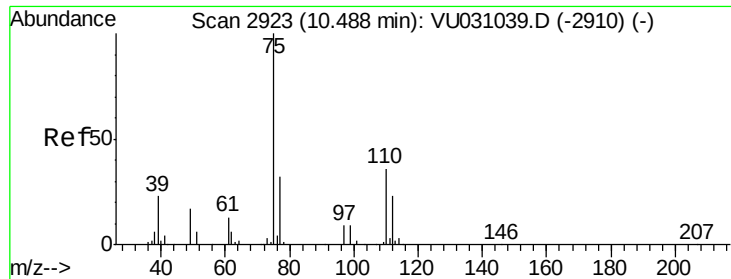


Abundance

Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.768 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031057.D

Acq: 11 Apr 2019 10:20

Instrument :

MSVOA_U

ClientSampleId :

BF2S6

Tot Ion: 75 Resp: 25816

Ion Ratio Lower Upper

75 100

77 35.8 26.1 39.1

