

Data File : VU031927.D
Acq On : 11 May 2019 13:39
Operator : JC/SP
Sample : K2742-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: May 13 01:58:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 13 01:54:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	698883	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	715897	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	254571	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	388227	66.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	132.74%
7) Chloroethane-d5	1.55	69	187	0.04	ug/L	-0.12
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.08%#
11) 1,1-Dichloroethene-d2	2.27	63	544522	46.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.50%
21) 2-Butanone-d5	4.17	46	669887	126.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.40%
24) Chloroform-d	4.64	84	696578	65.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	130.06%#
26) 1,2-Dichloroethane-d4	5.31	65	467271	66.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	133.54%#
32) Benzene-d6	5.33	84	1447536	65.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	131.70%#
36) 1,2-Dichloropropane-d6	6.32	67	495922	64.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	128.24%#
41) Toluene-d8	7.56	98	1203822	62.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	125.74%#
43) trans-1,3-Dichloropropene-	7.85	79	201612	60.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	121.46%
47) 2-Hexanone-d5	8.31	63	430218	128.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	128.51%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	688994	66.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	132.76%#
64) 1,2-Dichlorobenzene-d4	11.85	152	398400	74.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	148.84%#

Target Compounds

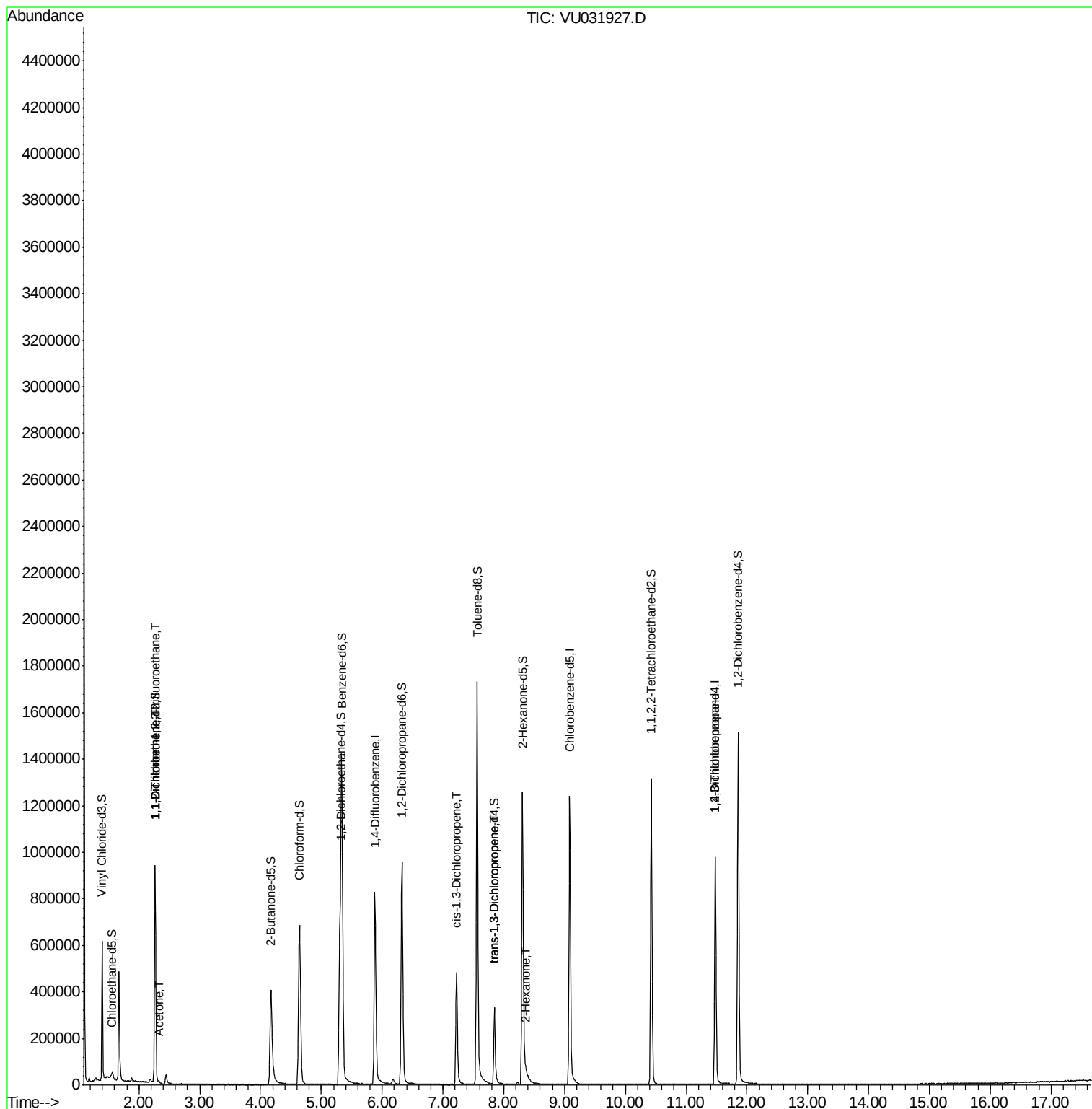
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4889	0.873	ug/L #	22
12) 1,1-Dichloroethene	2.27	96	3944	0.723	ug/L #	1
13) Acetone	2.32	43	4596	0.770	ug/L	68
39) cis-1,3-Dichloropropene	7.22	75	11276	1.142	ug/L #	66
44) trans-1,3-Dichloropropene	7.85	75	8080	0.902	ug/L	89
48) 2-Hexanone	8.37	43	22261	2.394	ug/L #	41
59) 1,2,3-Trichloropropane	11.48	75	34653	3.912	ug/L	99

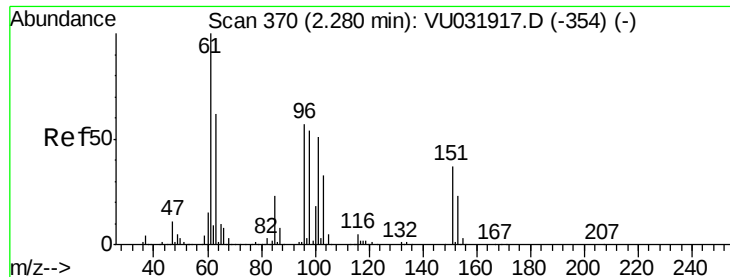
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 13 01:54:07 2019
Response via : Initial Calibration





#10

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

Concen: 0.873 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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VHBLK01

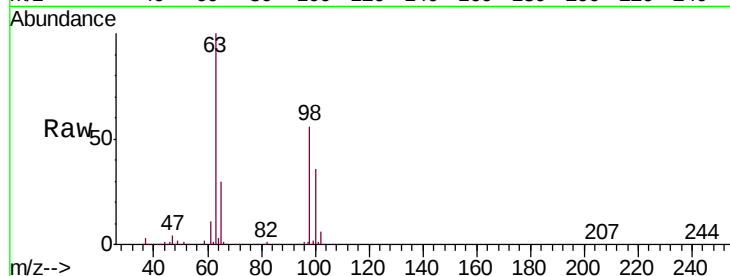
Tgt Ion: 101 Resp: 4889

Ion Ratio Lower Upper

101 100

85 1.4 36.1 54.1#

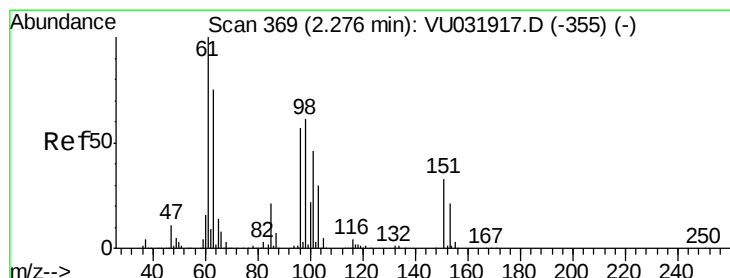
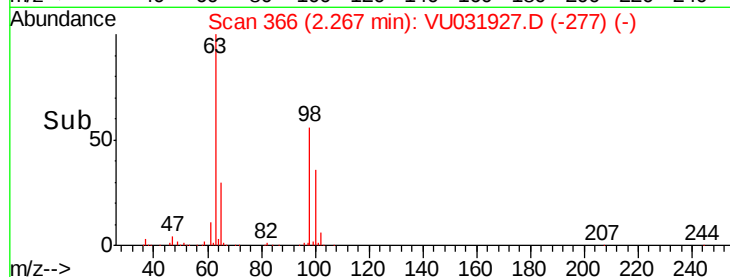
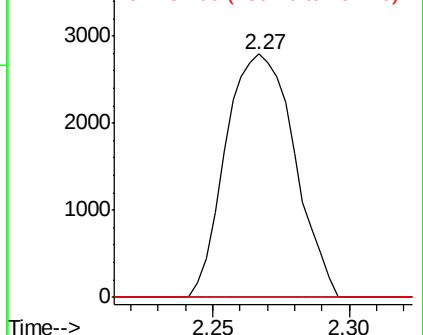
151 0.0 56.1 84.1#



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: 0.723 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031927.D

Acq: 11 May 2019 13:39

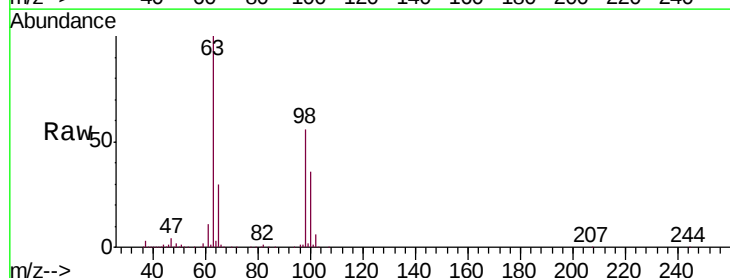
Tgt Ion: 96 Resp: 3944

Ion Ratio Lower Upper

96 100

61 1656.0 135.0 250.6#

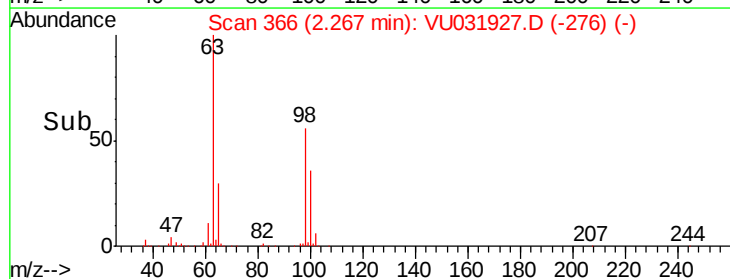
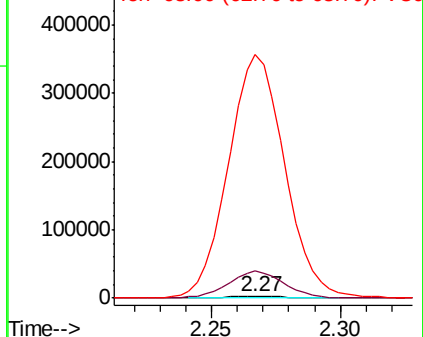
63 15022.3 103.5 192.3#

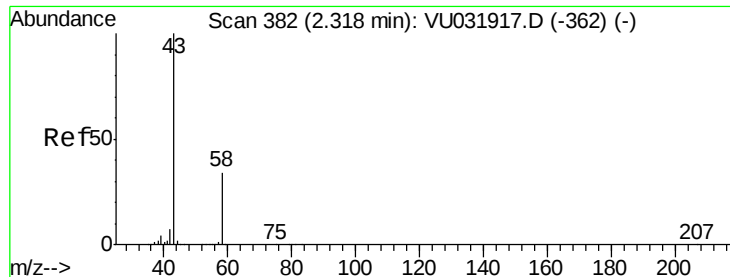


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.770 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

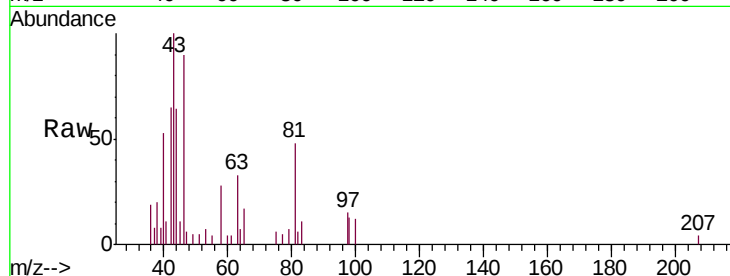
VHBLK01

Tgt Ion: 43 Resp: 4596

Ion Ratio Lower Upper

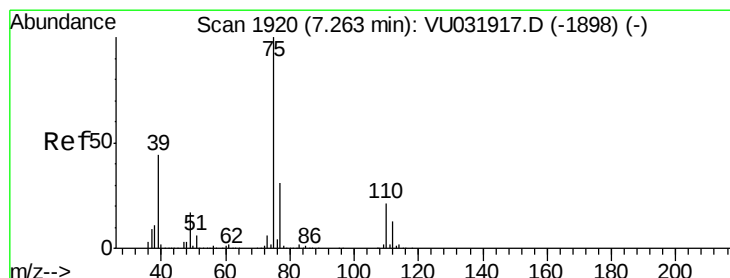
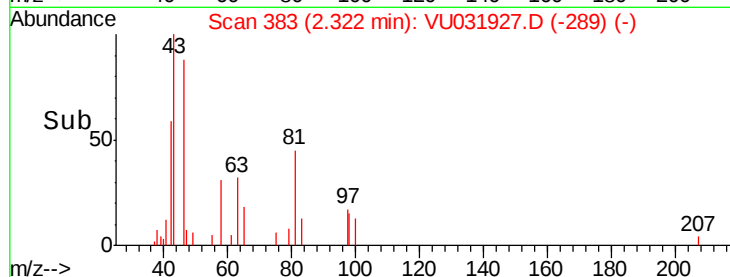
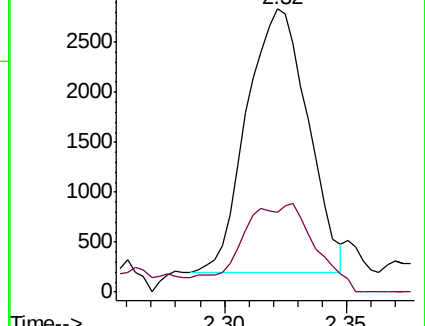
43 100

58 14.1 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU031917.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU031917.D (-362) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.142 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU031927.D

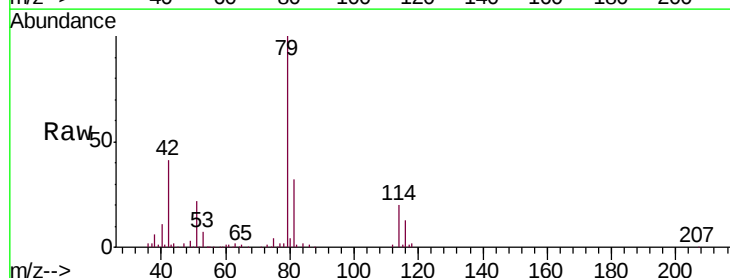
Acq: 11 May 2019 13:39

Tgt Ion: 75 Resp: 11276

Ion Ratio Lower Upper

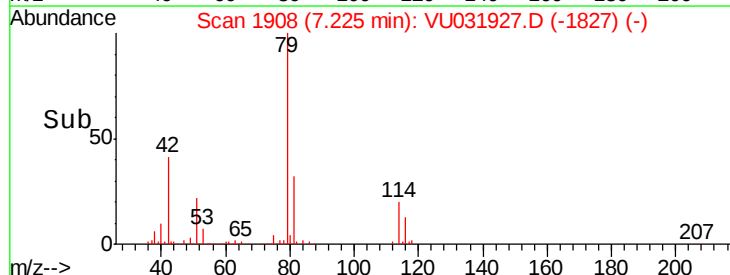
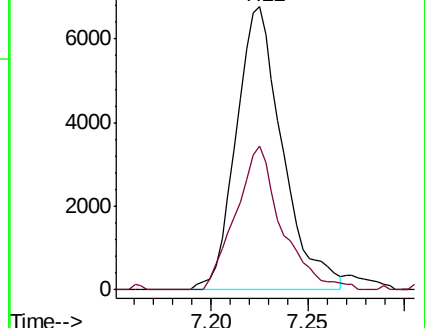
75 100

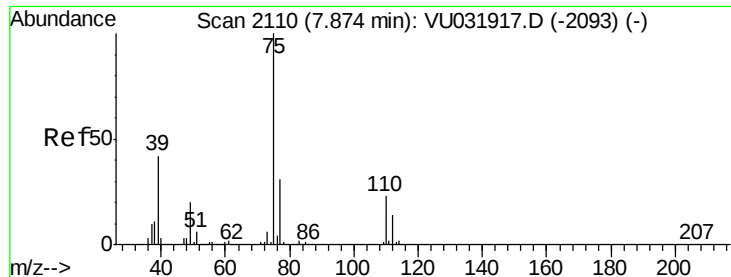
77 50.6 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU031917.D (-1898) (-)

Ion 77.00 (76.70 to 77.70): VU031917.D (-1898) (-)

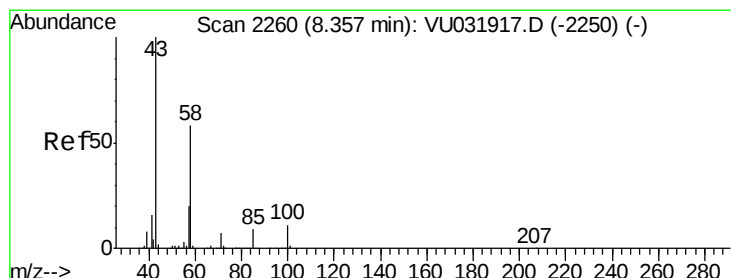
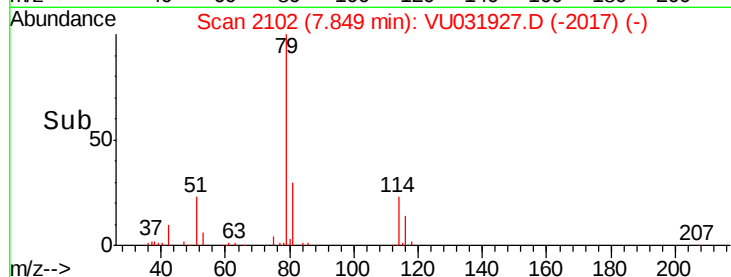
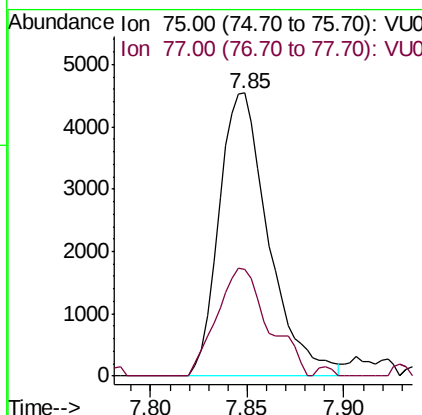
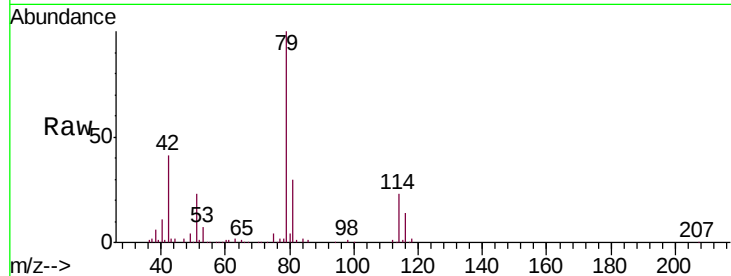




#44
 trans-1,3-Dichloropropene
 Concen: 0.902 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU031927.D
 Acq: 11 May 2019 13:39

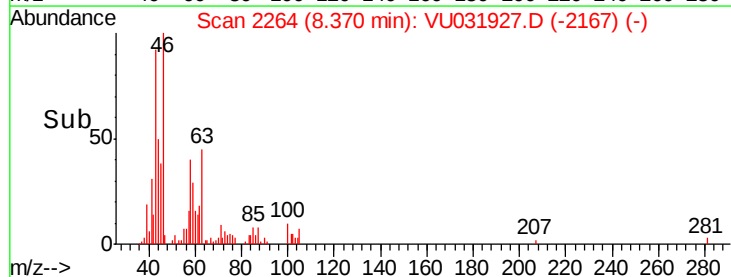
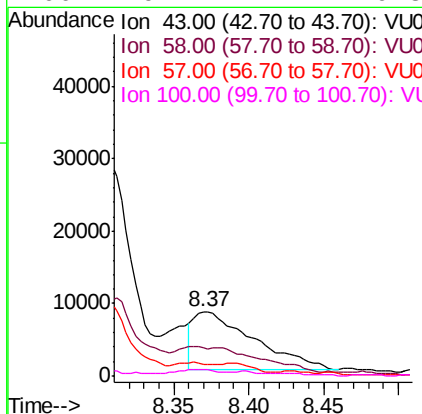
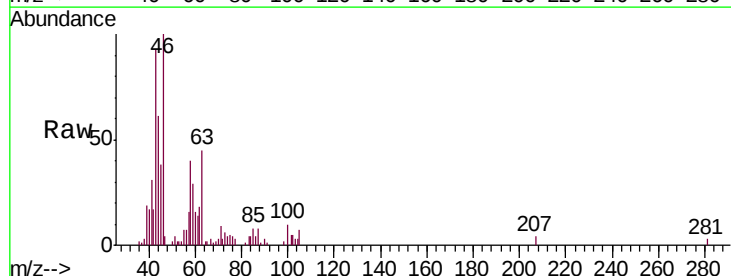
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

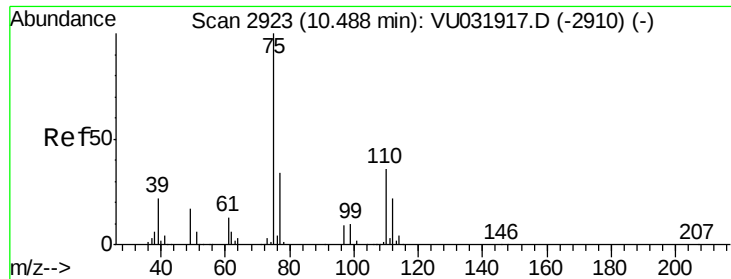
Tgt Ion: 75 Resp: 8080
 Ion Ratio Lower Upper
 75 100
 77 37.8 22.1 41.1



#48
 2-Hexanone
 Concen: 2.394 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU031927.D
 Acq: 11 May 2019 13:39

Tgt Ion: 43 Resp: 22261
 Ion Ratio Lower Upper
 43 100
 58 0.0 42.1 63.1#
 57 0.0 14.6 22.0#
 100 9.4 7.2 10.8





#59

1,2,3-Trichloropropane

Concen: 3.912 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031927.D

Acq: 11 May 2019 13:39

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 34653

Ion Ratio Lower Upper

75 100

77 33.2 25.9 38.9

