

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031041.D
 Acq On : 11 Apr 2019 04:15
 Operator : JC/SP
 Sample : K2339-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC66

Quant Time: Apr 11 08:14:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 08:09:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	500247	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	496114	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	219802	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	222649	49.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.72%
7) Chloroethane-d5	1.68	69	180956	53.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.78%
11) 1,1-Dichloroethene-d2	2.27	63	313005	38.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.50%
21) 2-Butanone-d5	4.17	46	381224	107.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.71%
24) Chloroform-d	4.64	84	359298	52.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.34%
26) 1,2-Dichloroethane-d4	5.30	65	248163	53.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.64%
32) Benzene-d6	5.33	84	743894	51.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.72%
36) 1,2-Dichloropropane-d6	6.32	67	256405	51.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.32%
41) Toluene-d8	7.56	98	661944	51.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.12%
43) trans-1,3-Dichloropropene-	7.85	79	110229	48.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.40%
47) 2-Hexanone-d5	8.31	63	227535	100.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.30%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	347296	51.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.74%
64) 1,2-Dichlorobenzene-d4	11.86	152	237394	54.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.84%

Target Compounds

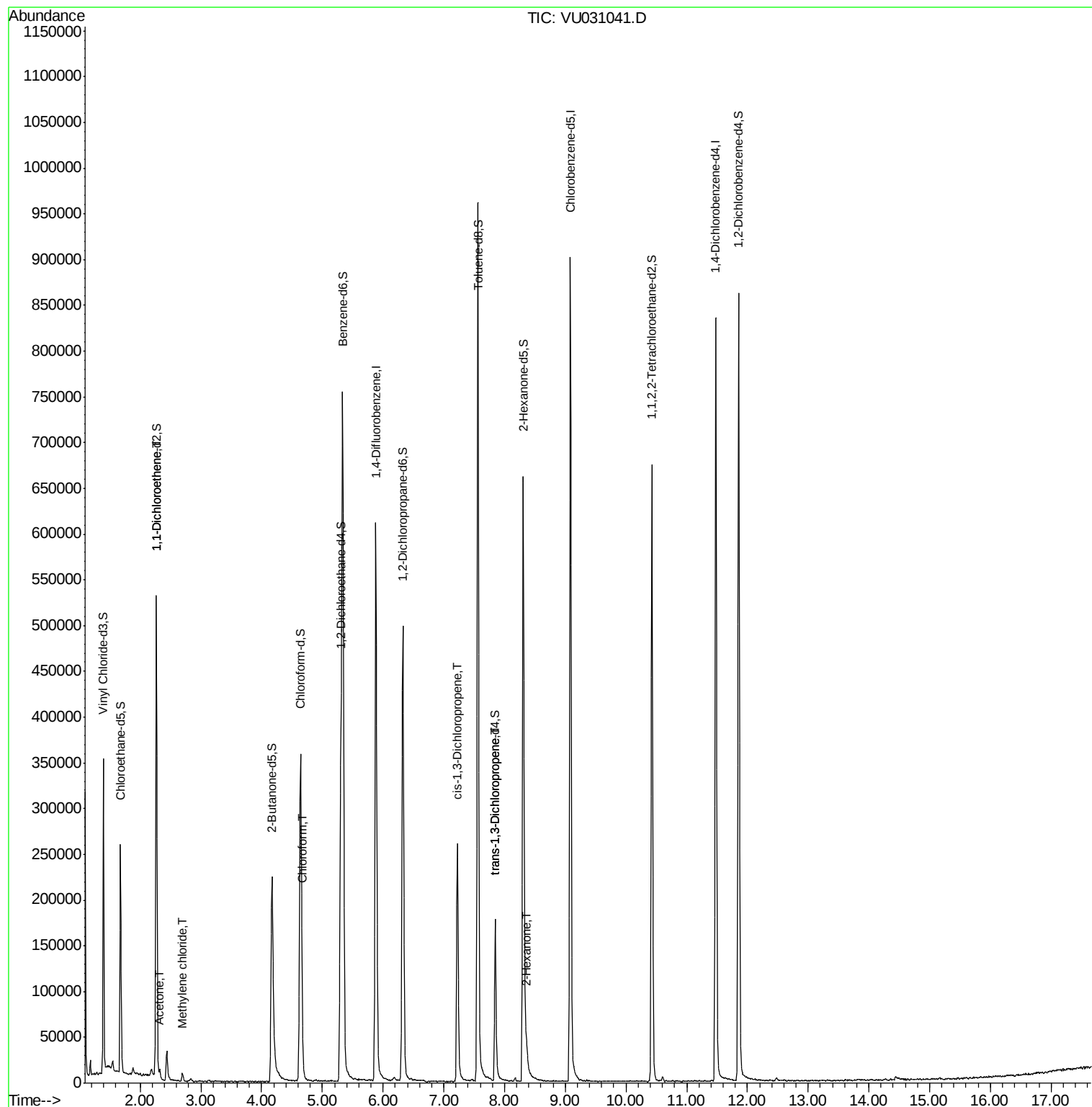
					Ovalue
12) 1,1-Dichloroethene	2.27	96	2287	0.661 ug/L #	1
13) Acetone	2.31	43	3735	1.031 ug/L	51
16) Methylene chloride	2.69	84	3344	0.796 ug/L	87
25) Chloroform	4.67	83	17916	2.353 ug/L	100
39) cis-1,3-Dichloropropene	7.22	75	6565	1.003 ug/L #	61
44) trans-1,3-Dichloropropene	7.85	75	3826	0.663 ug/L #	71
48) 2-Hexanone	8.36	43	8595	1.490 ug/L #	62

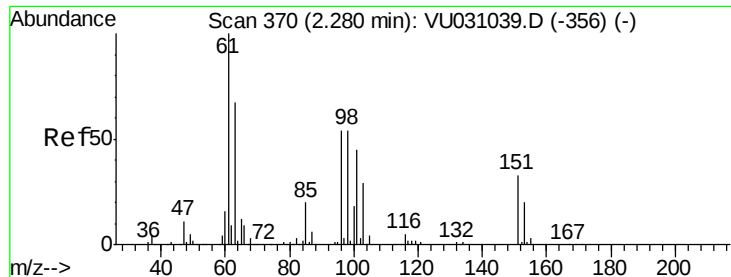
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.661 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031041.D

Acq: 11 Apr 2019 04:15

Instrument :

MSVOA_U

ClientSampleId :

BFC66

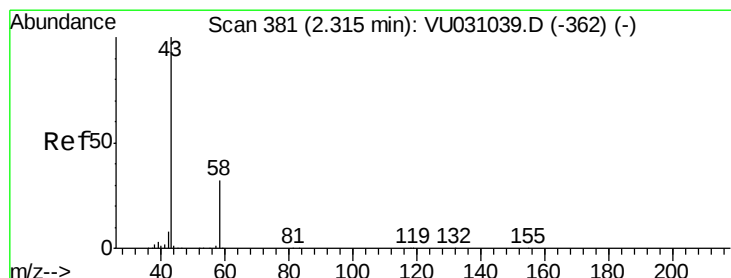
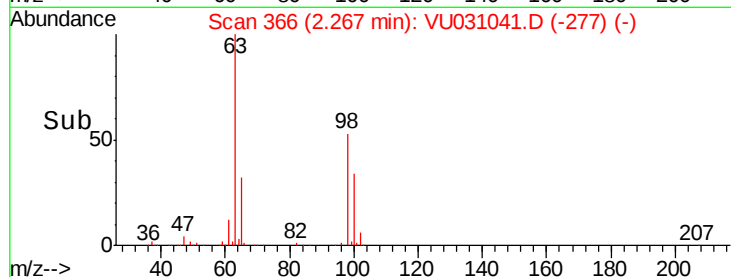
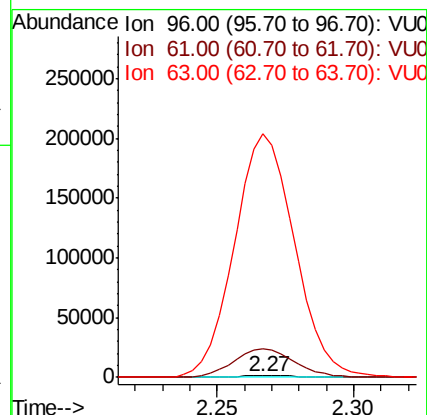
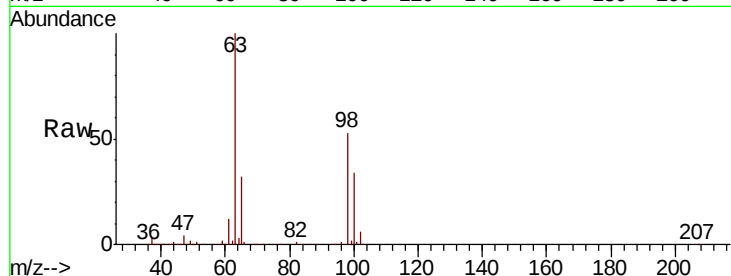
Tot Ion: 96 Resp: 2287

Ion Ratio Lower Upper

96 100

61 1820.1 132.0 245.2#

63 15667.9 90.9 168.9#



#13

Acetone

Concen: 1.031 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VU031041.D

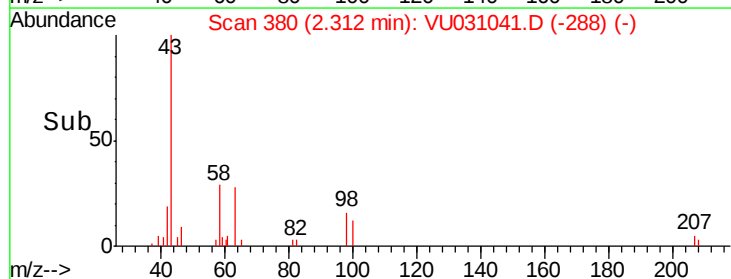
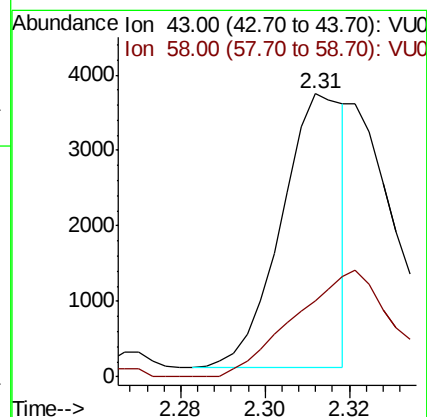
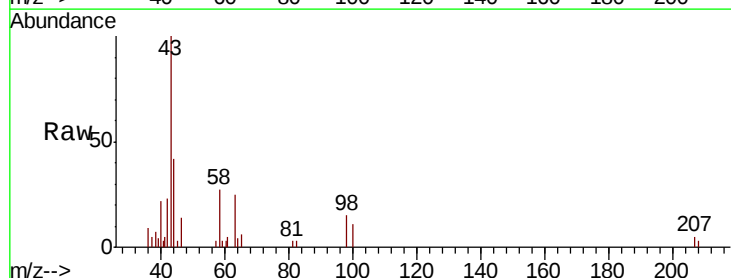
Acq: 11 Apr 2019 04:15

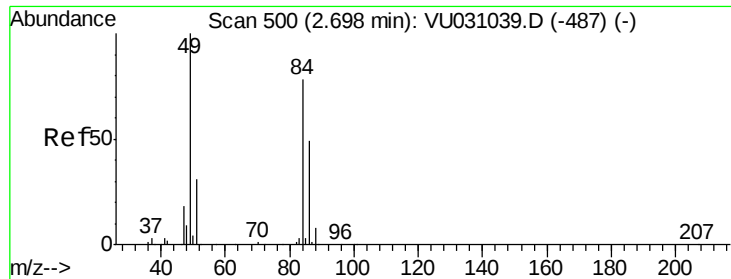
Tgt Ion: 43 Resp: 3735

Ion Ratio Lower Upper

43 100

58 59.3 0.0 64.0

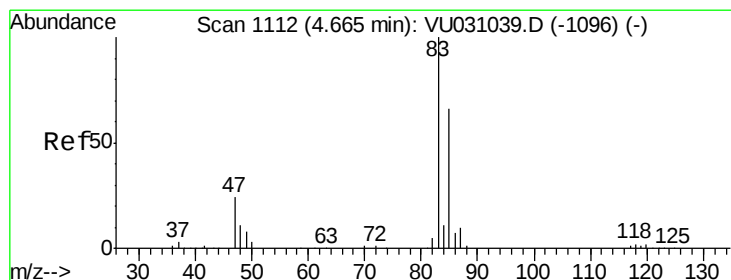
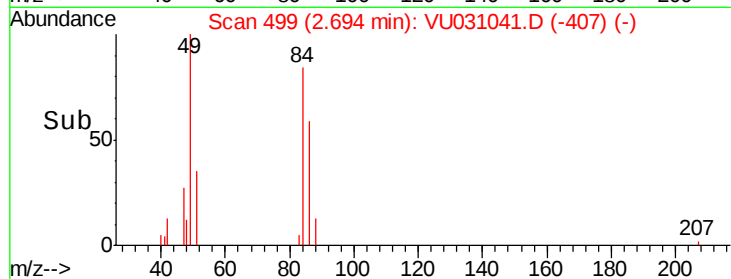
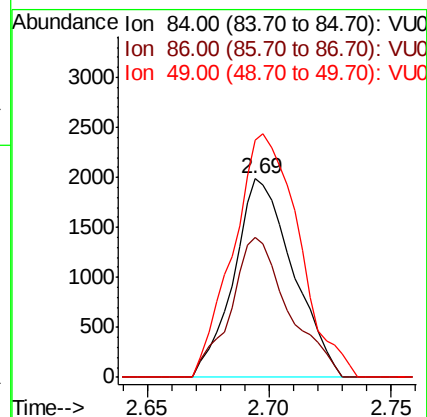
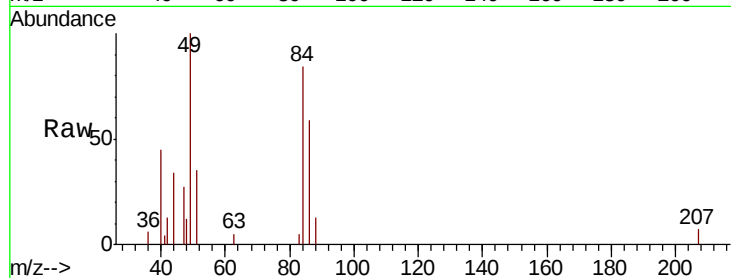




#16
Methvlene chloride
Concen: 0.796 ug/L
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU031041.D
Acq: 11 Apr 2019 04:15

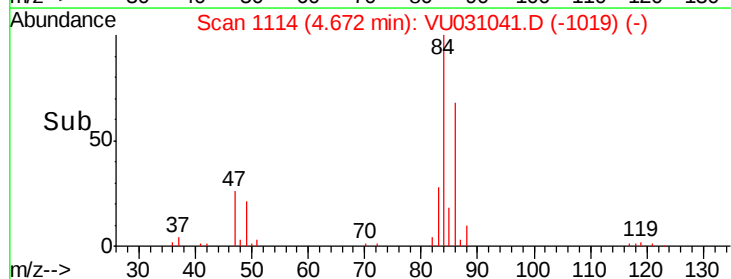
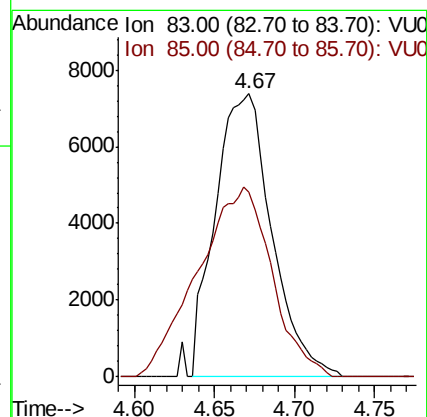
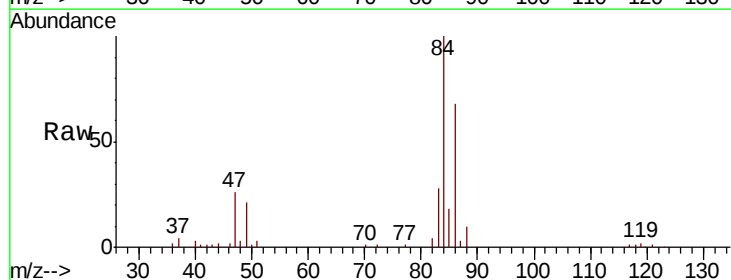
Instrument :
MSVOA_U
ClientSampleId :
BFC66

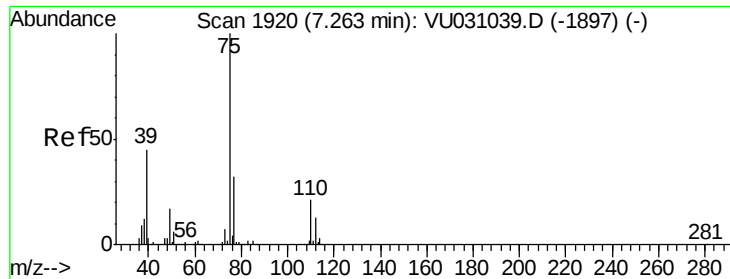
Tot Ion: 84 Resp: 3344
Ion Ratio Lower Upper
84 100
86 70.8 45.1 83.7
49 119.7 96.5 179.1



#25
Chloroform
Concen: 2.353 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VU031041.D
Acq: 11 Apr 2019 04:15

Tgt Ion: 83 Resp: 17916
Ion Ratio Lower Upper
83 100
85 65.1 45.8 85.0





#39

cis-1,3-Dichloropropene

Concen: 1.003 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.04 min

Lab File: VU031041.D

Acq: 11 Apr 2019 04:15

Instrument :

MSVOA_U

ClientSampleId :

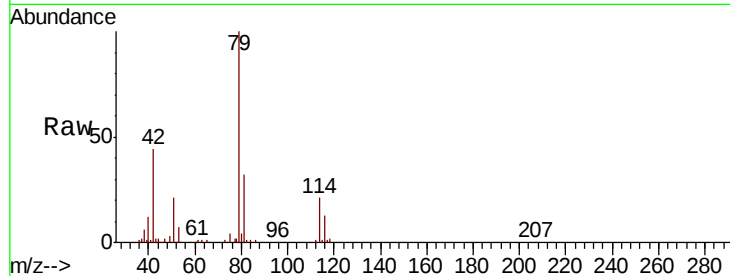
BFC66

Tot Ion: 75 Resp: 6565

Ion Ratio Lower Upper

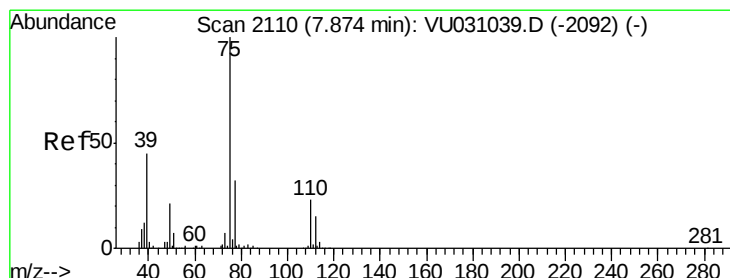
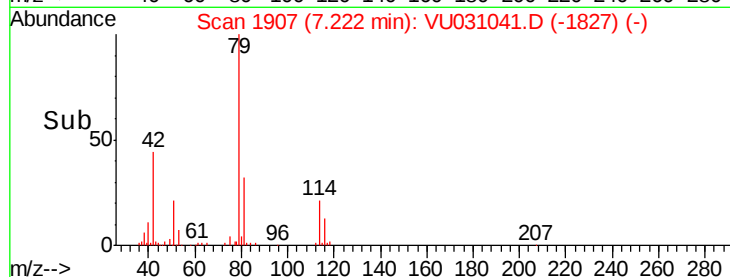
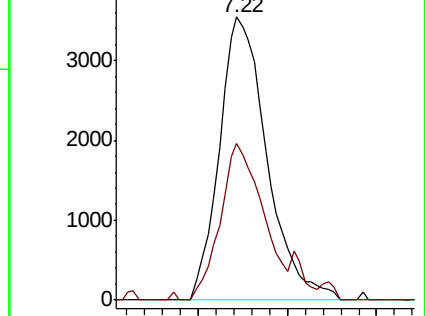
75 100

77 55.1 23.1 42.9#



Abundance Ion 75.00 (74.70 to 75.70): VU031039.D (-1897) (-)

Ion 77.00 (76.70 to 77.70): VU031039.D (-1897) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.663 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031041.D

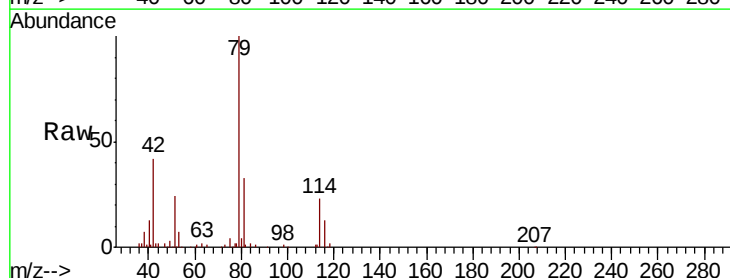
Acq: 11 Apr 2019 04:15

Tgt Ion: 75 Resp: 3826

Ion Ratio Lower Upper

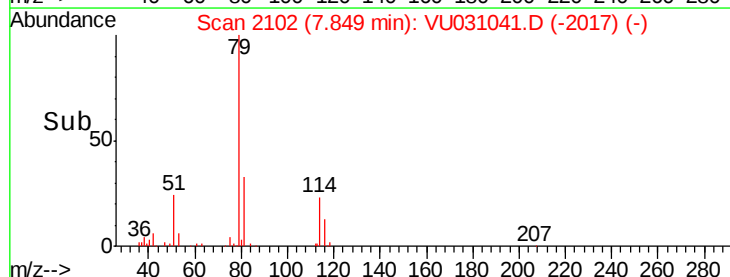
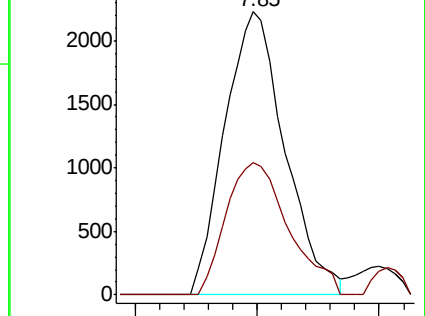
75 100

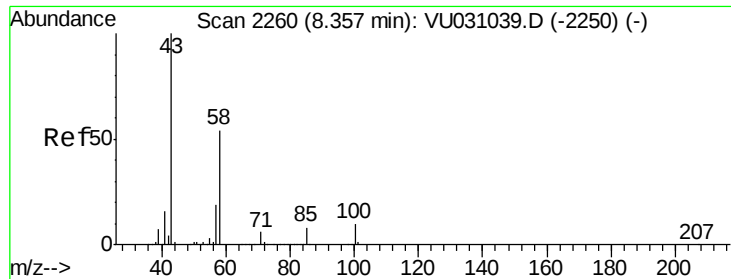
77 46.5 21.6 40.0#



Abundance Ion 75.00 (74.70 to 75.70): VU031039.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU031039.D (-2092) (-)





#48

2-Hexanone

Concen: 1.490 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.01 min

Lab File: VU031041.D

Acq: 11 Apr 2019 04:15

Instrument :

MSVOA_U

ClientSampleId :

BFC66

Tot Ion: 43 Resp: 8595

Ion Ratio Lower Upper

43 100

58 84.7 41.9 62.9#

57 7.9 14.3 21.5#

100 0.7 7.1 10.7#

