

Data File : VU031680.D
Acq On : 01 May 2019 13:33
Operator : JC/SP
Sample : K2602-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFHH9

Quant Time: May 02 02:27:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 02 02:23:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	906400	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	888461	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	410211	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	245577	32.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.74%
7) Chloroethane-d5	1.68	69	221311	37.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.50%
11) 1,1-Dichloroethene-d2	2.27	63	401872	26.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.20%#
21) 2-Butanone-d5	4.19	46	699402	101.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.76%
24) Chloroform-d	4.64	84	526714	37.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.82%
26) 1,2-Dichloroethane-d4	5.31	65	364983	40.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.42%
32) Benzene-d6	5.34	84	1092550	40.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.10%
36) 1,2-Dichloropropane-d6	6.33	67	394553	41.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.22%
41) Toluene-d8	7.56	98	965009	40.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.22%
43) trans-1,3-Dichloropropene-	7.85	79	169283	41.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.18%
47) 2-Hexanone-d5	8.31	63	444421	106.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.97%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	541439	42.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.06%
64) 1,2-Dichlorobenzene-d4	11.85	152	359902	41.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.44%

Target Compounds

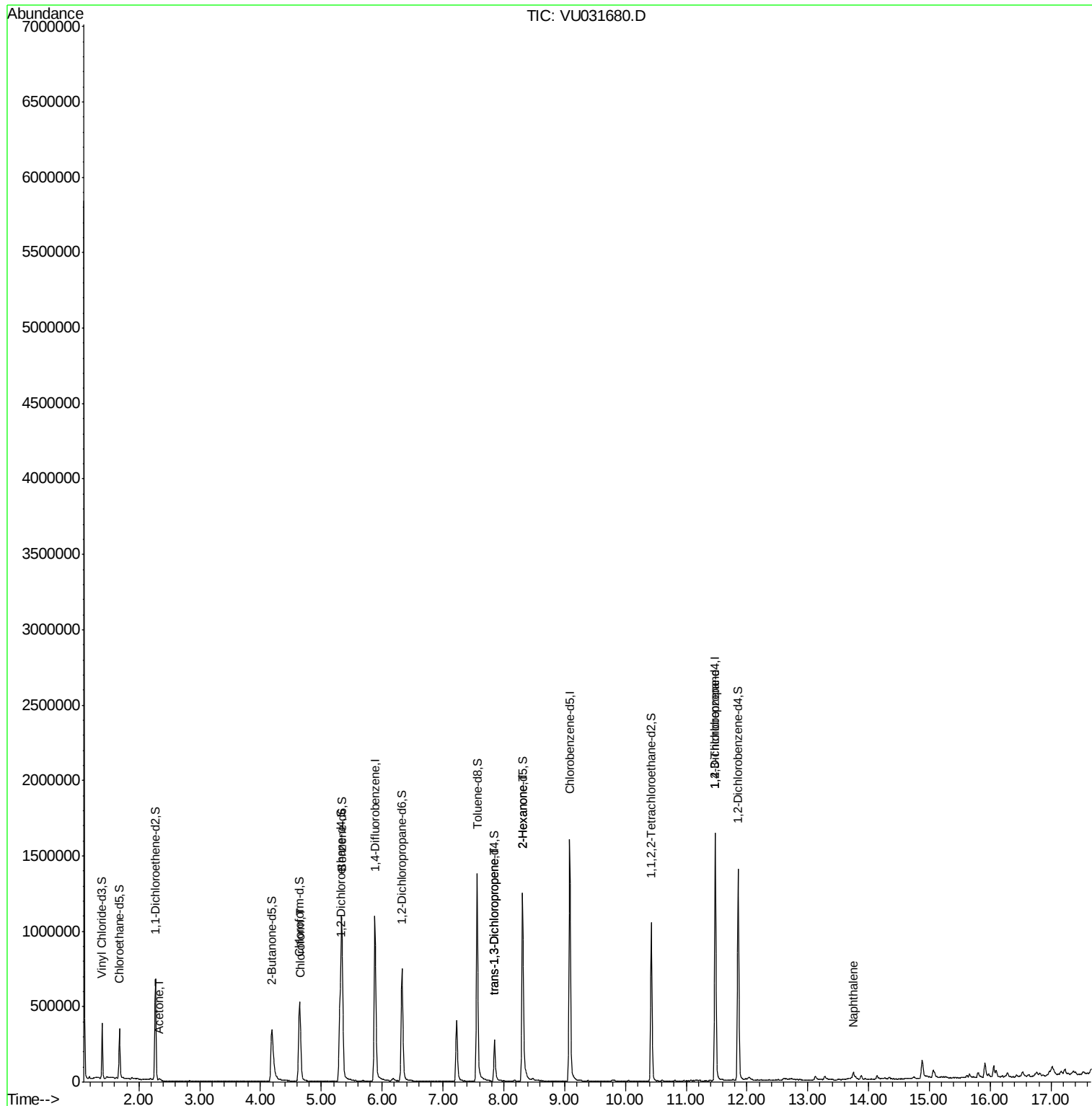
					Qvalue
13) Acetone	2.34	43	4587	0.592 ug/L	87
25) Chloroform	4.67	83	10732	0.723 ug/L	83
44) trans-1,3-Dichloropropene	7.85	75	7025	0.632 ug/L	93
48) 2-Hexanone	8.31	43	53044	4.597 ug/L #	77
59) 1,2,3-Trichloropropane	11.48	75	54215	4.931 ug/L	96
69) Naphthalene	13.75	128	43668	1.591 ug/L	94

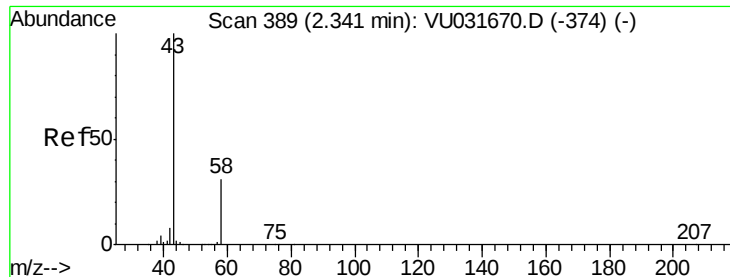
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.592 ug/L

RT: 2.34 min Scan# 388

Delta R.T. -0.00 min

Lab File: VU031680.D

Acq: 01 May 2019 13:33

Instrument :

MSVOA_U

ClientSampleId :

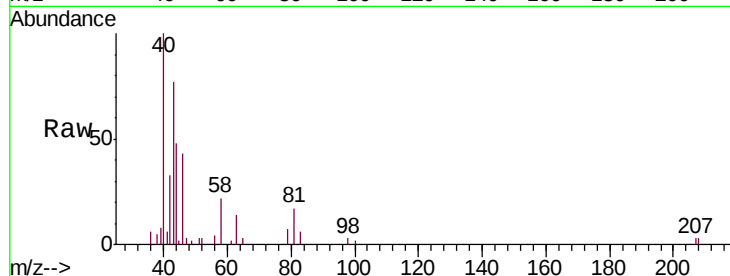
BFHH9

Tgt Ion: 43 Resp: 4587

Ion Ratio Lower Upper

43 100

58 25.0 0.0 64.4

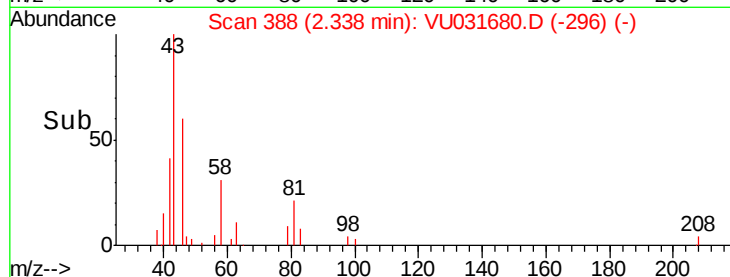


Abundance Ion 43.00 (42.70 to 43.70): VU031670.D (-374) (-)

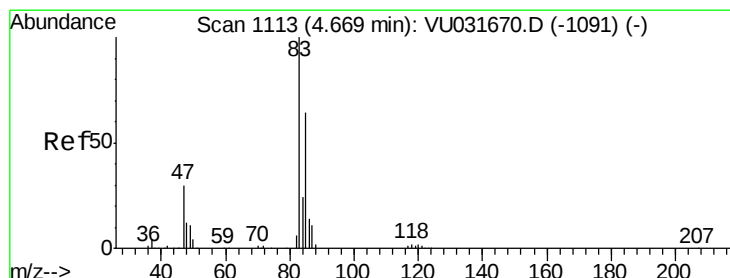
Ion 58.00 (57.70 to 58.70): VU031670.D (-374) (-)

2.34

Time-->



Time-->



#25

Chloroform

Concen: 0.723 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU031680.D

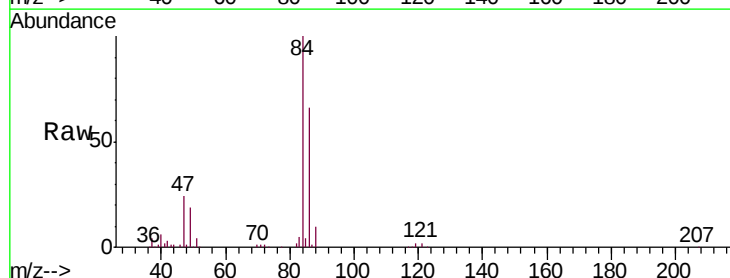
Acq: 01 May 2019 13:33

Tgt Ion: 83 Resp: 10732

Ion Ratio Lower Upper

83 100

85 77.2 44.9 83.3

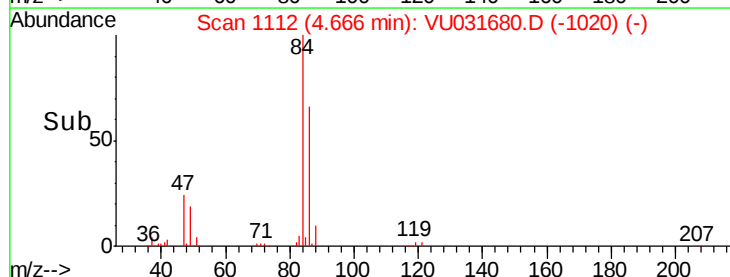


Abundance Ion 83.00 (82.70 to 83.70): VU031670.D (-1091) (-)

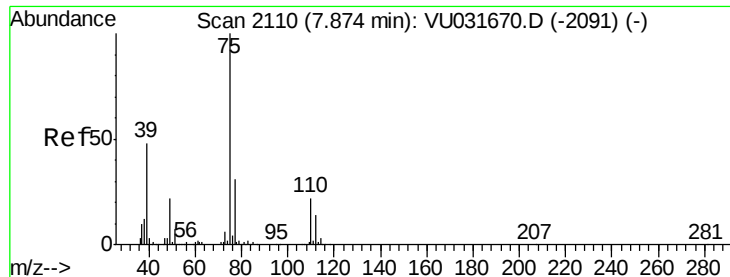
Ion 85.00 (84.70 to 85.70): VU031670.D (-1091) (-)

4.67

Time-->



Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.632 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031680.D

Acq: 01 May 2019 13:33

Instrument :

MSVOA_U

ClientSampleId :

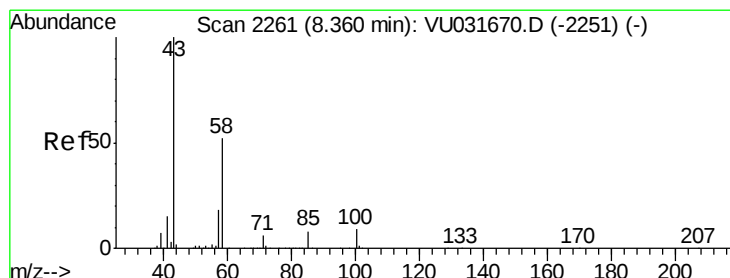
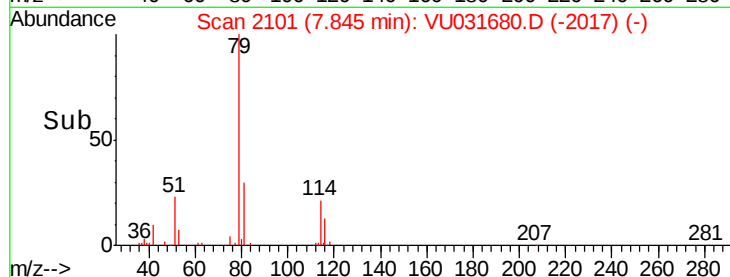
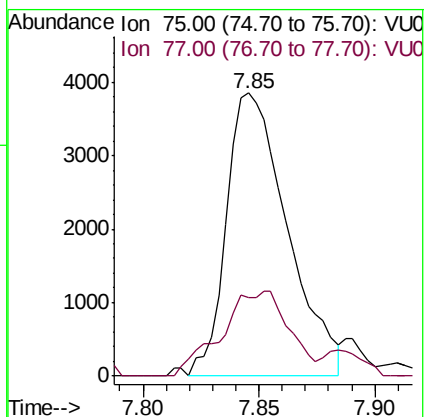
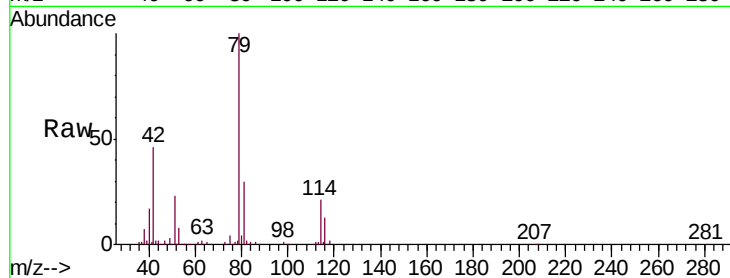
BFHH9

Tgt Ion: 75 Resp: 7025

Ion Ratio Lower Upper

75 100

77 27.9 22.1 41.1



#48

2-Hexanone

Concen: 4.597 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

Lab File: VU031680.D

Acq: 01 May 2019 13:33

Tgt Ion: 43 Resp: 53044

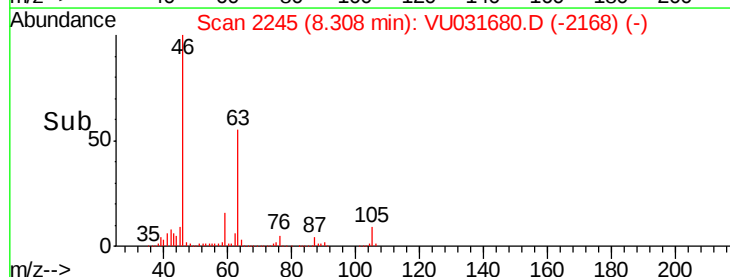
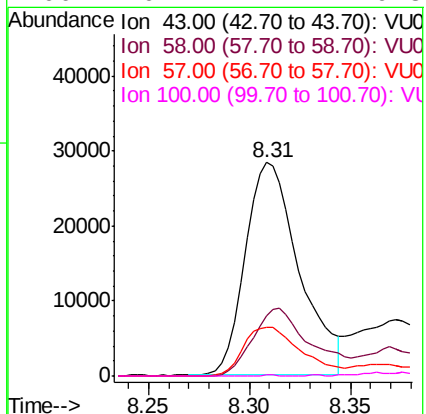
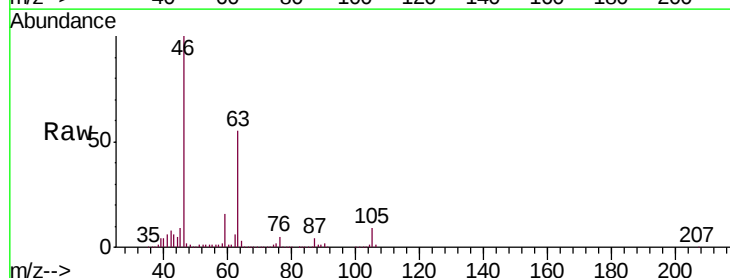
Ion Ratio Lower Upper

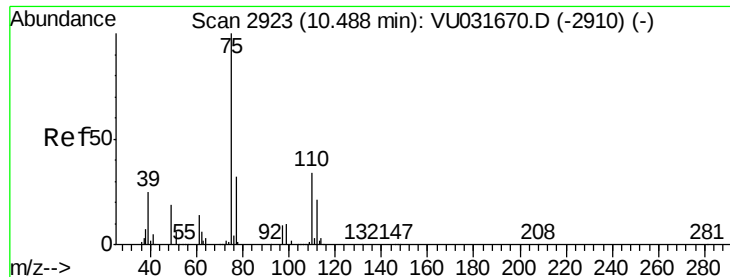
43 100

58 34.4 42.1 63.1#

57 24.8 14.6 22.0#

100 0.1 7.2 10.8#

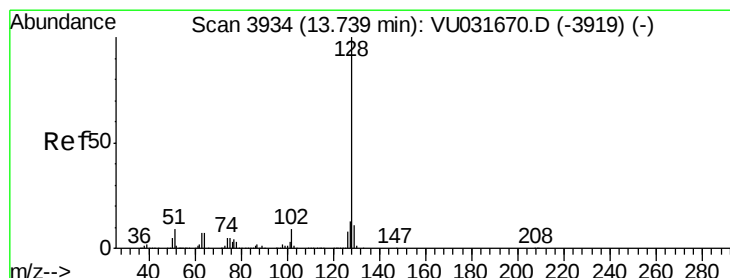
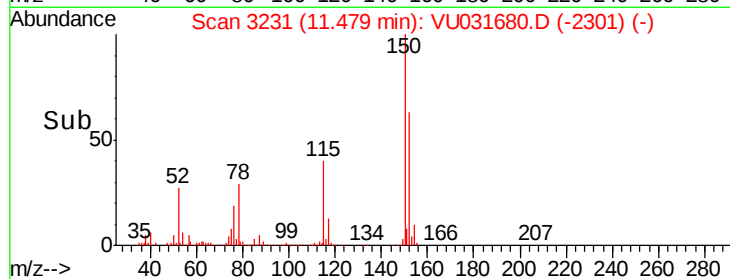
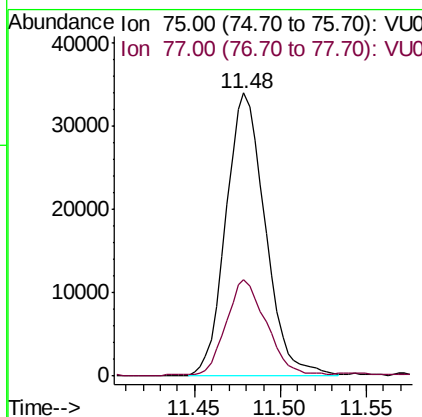
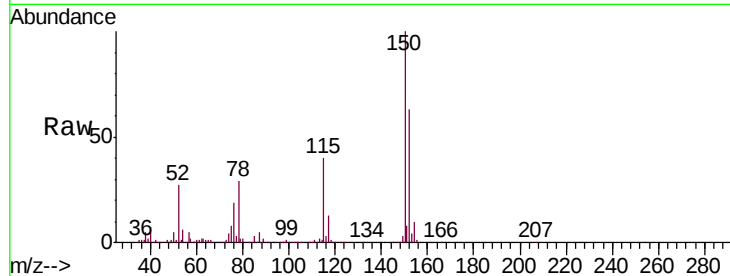




#59
 1,2,3-Trichloropropane
 Concen: 4.931 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031680.D
 Acq: 01 May 2019 13:33

Instrument :
 MSVOA_U
 ClientSampleId :
 BFHH9

Tgt Ion: 75 Resp: 54215
 Ion Ratio Lower Upper
 75 100
 77 34.7 25.9 38.9



#69
 Naphthalene
 Concen: 1.591 ug/L
 RT: 13.75 min Scan# 3937
 Delta R.T. 0.01 min
 Lab File: VU031680.D
 Acq: 01 May 2019 13:33

Tgt Ion: 128 Resp: 43668
 Ion Ratio Lower Upper
 128 100
 127 15.8 10.6 15.8
 129 8.9 8.7 13.1

