

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030705.D
 Acq On : 05 Apr 2019 00:00
 Operator : JC/SP
 Sample : K2246-07
 Misc : 5.46g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF154

Quant Time: Apr 05 02:23:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 02:15:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	530198	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	522293	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	254025	50.00	ug/L	0.00

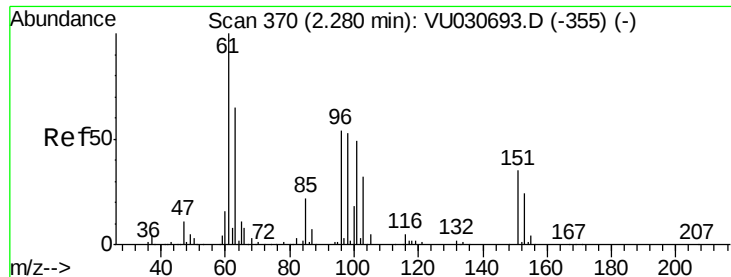
System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	200493	42.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.72%
7) Chloroethane-d5	1.64	69	132976	37.02	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.04%
11) 1,1-Dichloroethene-d2	2.23	63	300182	35.07	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.14%
21) 2-Butanone-d5	4.19	46	342067	91.19	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.19%
24) Chloroform-d	4.64	84	315591	43.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.30%
26) 1,2-Dichloroethane-d4	5.30	65	223983	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.80%
32) Benzene-d6	5.33	84	704625	46.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.42%
36) 1,2-Dichloropropane-d6	6.32	67	243789	46.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.32%
41) Toluene-d8	7.56	98	618165	45.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.48%
43) trans-1,3-Dichloropropene-	7.85	79	107875	45.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.54%
47) 2-Hexanone-d5	8.32	63	255954	107.17	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.17%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	349841	49.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	235637	47.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.34%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.24	101	2642	0.696 ug/L #	21
12) 1,1-Dichloroethene	2.24	96	2091	0.571 ug/L #	1
25) Chloroform	4.66	83	21161	2.622 ug/L	93
39) cis-1,3-Dichloropropene	7.22	75	5897	0.856 ug/L #	82
44) trans-1,3-Dichloropropene	7.85	75	4298	0.708 ug/L	97
46) Tetrachloroethene	8.22	164	21965	7.207 ug/L	91
48) 2-Hexanone	8.32	43	32875	5.414 ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	33529	5.785 ug/L	96

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



#10

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

Concen: 0.696 ug/L

RT: 2.24 min Scan# 357

Delta R.T. -0.04 min

Lab File: VU030705.D

Acq: 05 Apr 2019 00:00

Instrument :

MSVOA_U

ClientSampled :

BF154

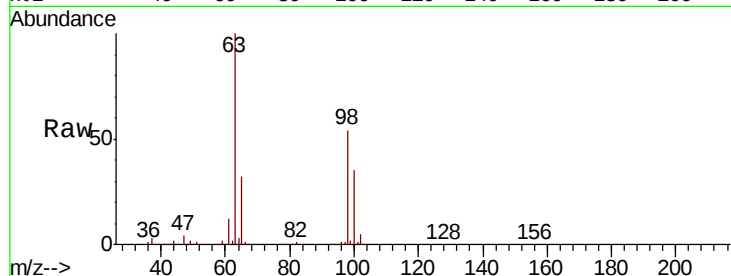
Tot Ion:101 Resp: 2642

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

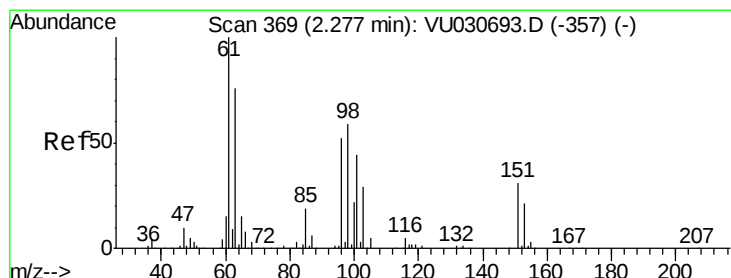
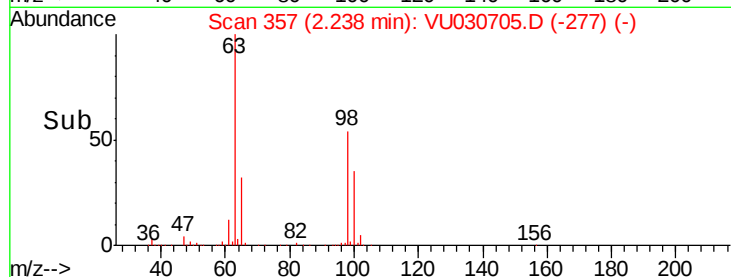
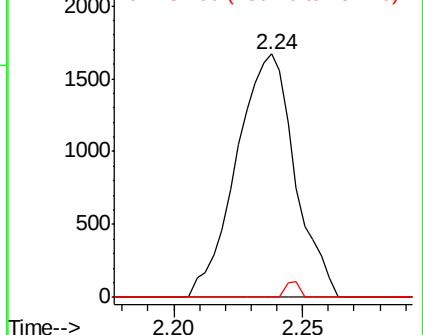
151 1.6 57.4 86.0#



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: 0.571 ug/L

RT: 2.24 min Scan# 357

Delta R.T. -0.04 min

Lab File: VU030705.D

Acq: 05 Apr 2019 00:00

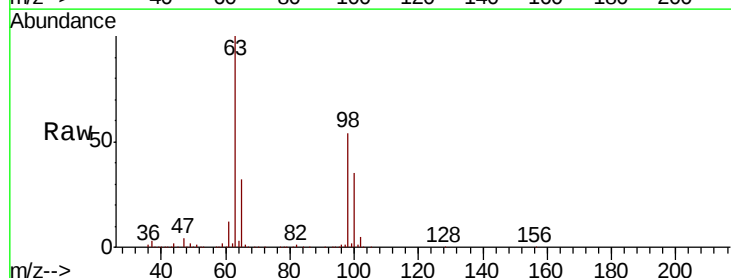
Tgt Ion: 96 Resp: 2091

Ion Ratio Lower Upper

96 100

61 1663.2 132.0 245.2#

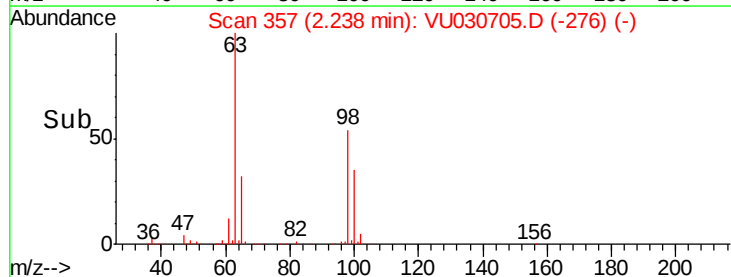
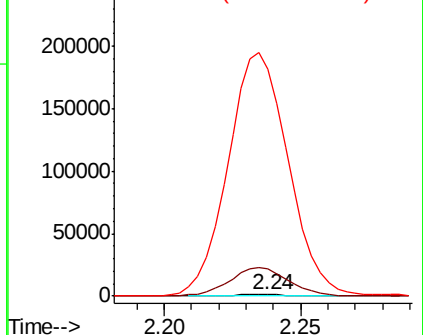
63 14069.1 90.9 168.9#

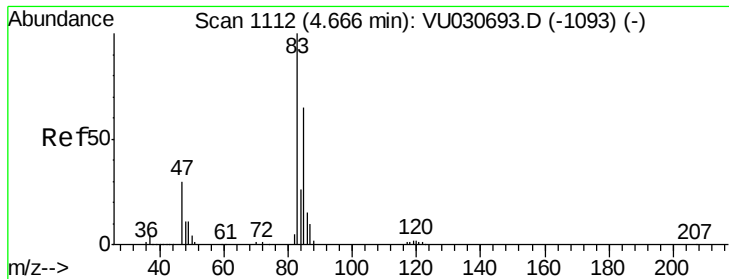


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#25

Chloroform

Concen: 2.622 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VU030705.D

Acq: 05 Apr 2019 00:00

Instrument :

MSVOA_U

ClientSampleId :

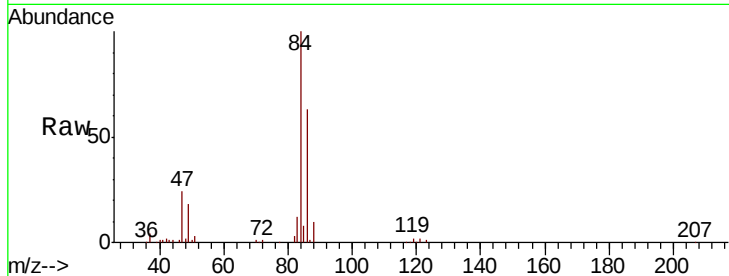
BF154

Tot Ion: 83 Resp: 21161

Ion Ratio Lower Upper

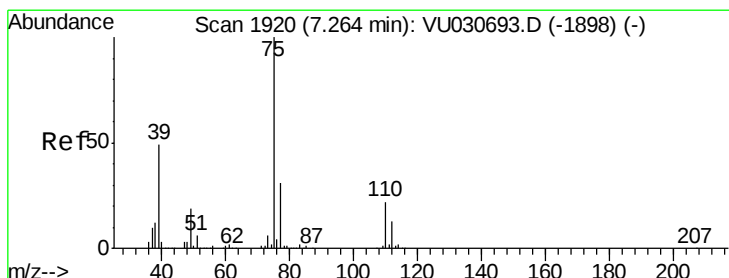
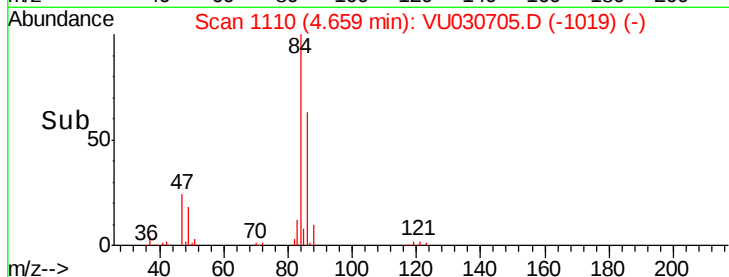
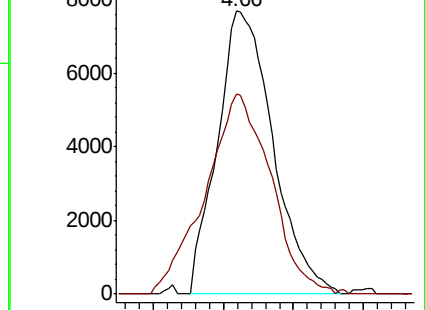
83 100

85 70.7 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU030693.D (-1093) (-)

Ion 85.00 (84.70 to 85.70): VU030705.D (-1019) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.856 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.04 min

Lab File: VU030705.D

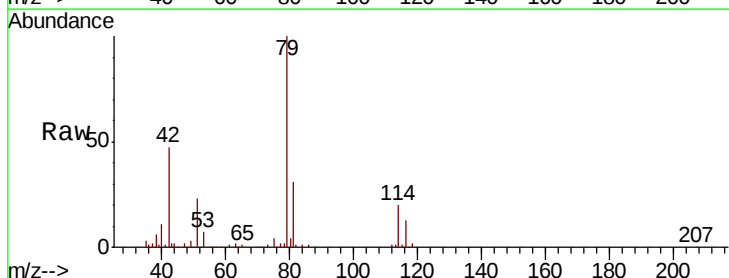
Acq: 05 Apr 2019 00:00

Tgt Ion: 75 Resp: 5897

Ion Ratio Lower Upper

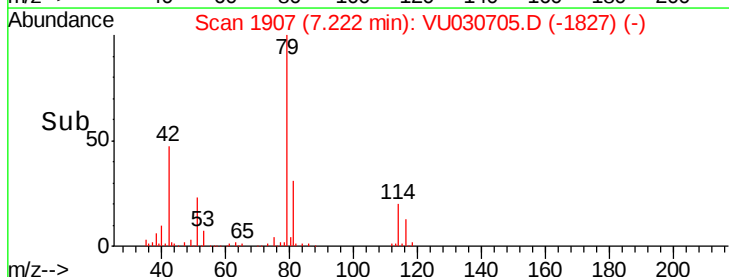
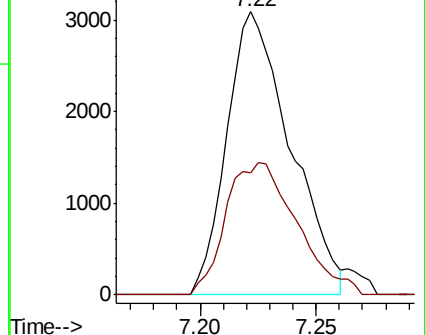
75 100

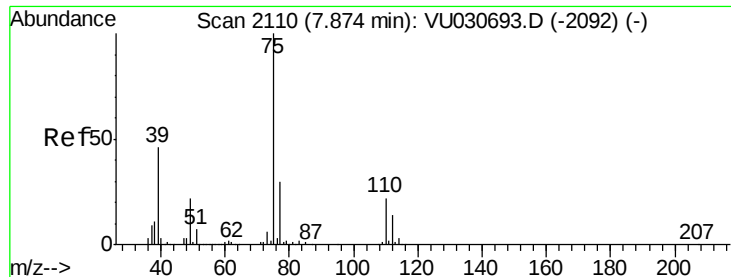
77 43.2 23.1 42.9#



Abundance Ion 75.00 (74.70 to 75.70): VU030693.D (-1898) (-)

Ion 77.00 (76.70 to 77.70): VU030705.D (-1827) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.708 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.02 min

Lab File: VU030705.D

Acq: 05 Apr 2019 00:00

Instrument :

MSVOA_U

ClientSampleId :

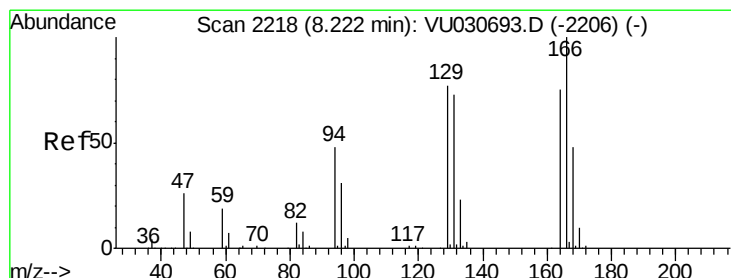
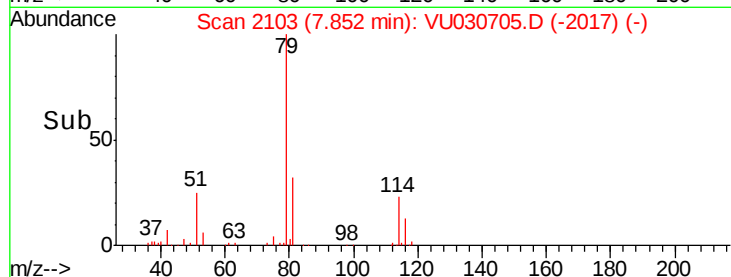
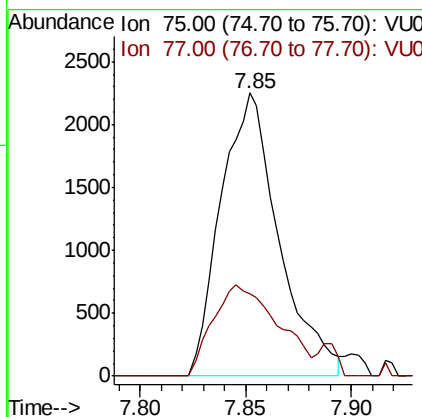
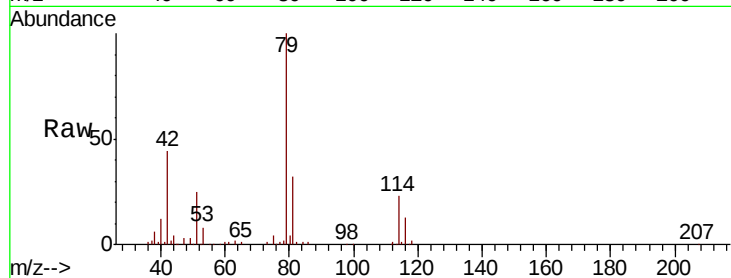
BF154

Tot Ion: 75 Resp: 4298

Ion Ratio Lower Upper

75 100

77 29.1 21.6 40.0



#46

Tetrachloroethene

Concen: 7.207 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030705.D

Acq: 05 Apr 2019 00:00

Tgt Ion: 164 Resp: 21965

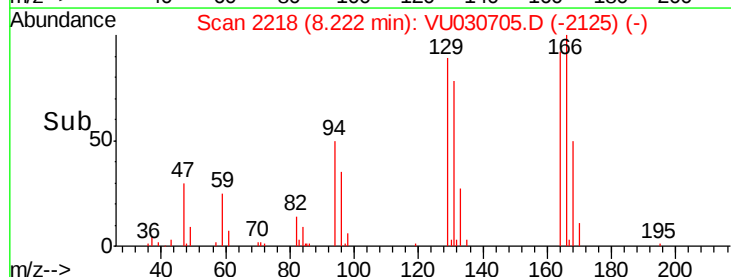
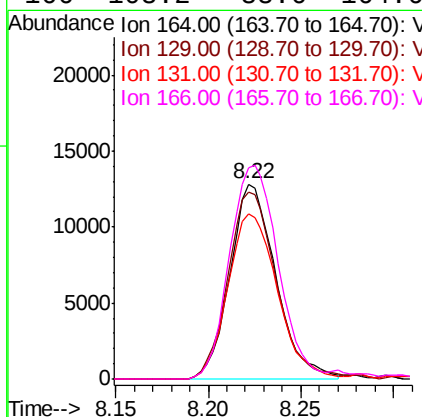
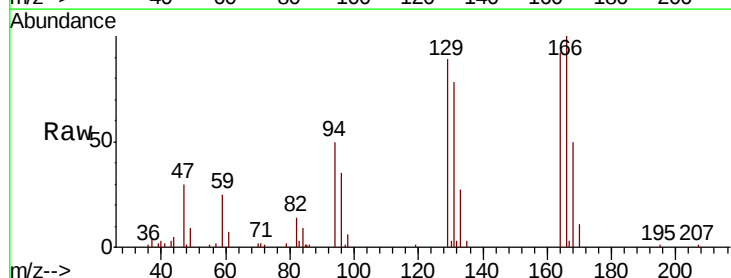
Ion Ratio Lower Upper

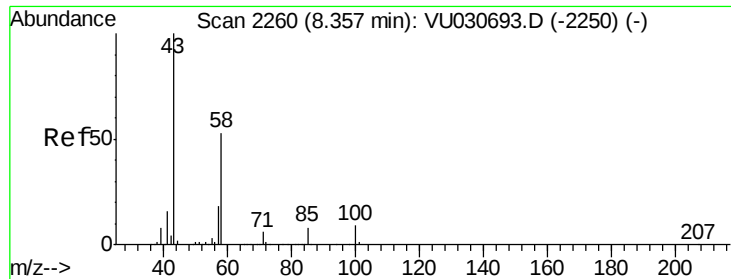
164 100

129 95.8 67.4 125.2

131 84.8 65.9 122.5

166 108.2 88.6 164.6

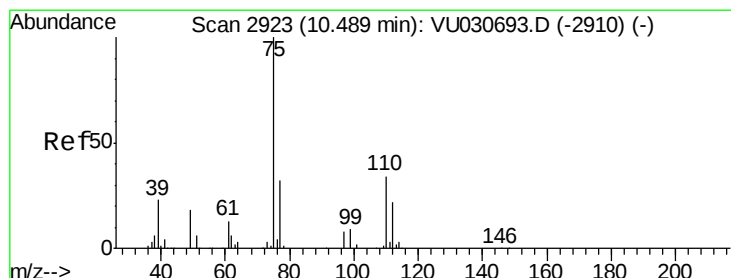
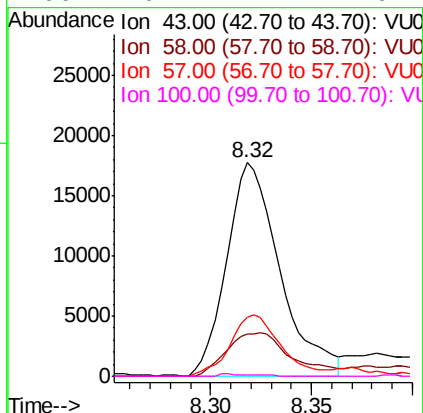
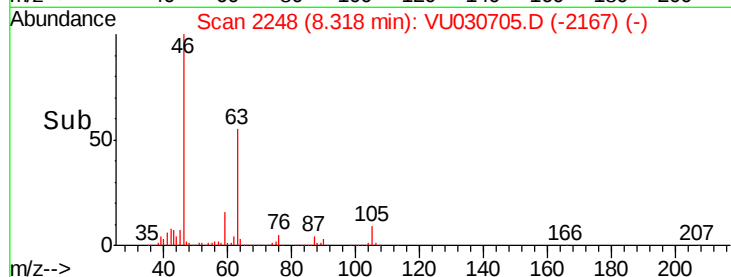
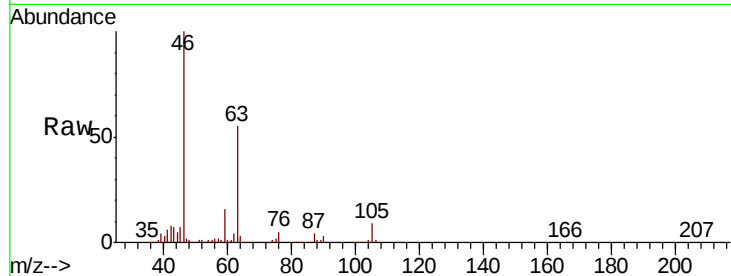




#48
 2-Hexanone
 Concen: 5.414 ug/L
 RT: 8.32 min Scan# 2248
 Delta R.T. -0.04 min
 Lab File: VU030705.D
 Acq: 05 Apr 2019 00:00

Instrument :
 MSVOA_U
 ClientSampled :
 BF154

Tot Ion: 43 Resp: 32875
 Ion Ratio Lower Upper
 43 100
 58 24.4 41.9 62.9#
 57 26.9 14.3 21.5#
 100 0.2 7.1 10.7#



#59
 1,2,3-Trichloropropane
 Concen: 5.785 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030705.D
 Acq: 05 Apr 2019 00:00

Tgt Ion: 75 Resp: 33529
 Ion Ratio Lower Upper
 75 100
 77 34.9 26.1 39.1

