

Data File : VU031121.D
Acq On : 12 Apr 2019 11:41
Operator : JC/SP
Sample : K2354-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 113 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1C5

Quant Time: Apr 12 23:36:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 23:21:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	502856	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	498199	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	213216	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	221154	49.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.54%
7) Chloroethane-d5	1.68	69	163512	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.98%
11) 1,1-Dichloroethene-d2	2.27	63	283289	34.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.78%
21) 2-Butanone-d5	4.17	46	282547	79.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.42%
24) Chloroform-d	4.64	84	320142	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.38%
26) 1,2-Dichloroethane-d4	5.31	65	218262	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.30%
32) Benzene-d6	5.33	84	665983	45.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.58%
36) 1,2-Dichloropropane-d6	6.32	67	216414	43.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.84%
41) Toluene-d8	7.56	98	566974	43.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.96%
43) trans-1,3-Dichloropropene-	7.85	79	95528	42.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.06%
47) 2-Hexanone-d5	8.31	63	168845	74.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.12%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	288141	42.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	198444	47.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.64%

Target Compounds

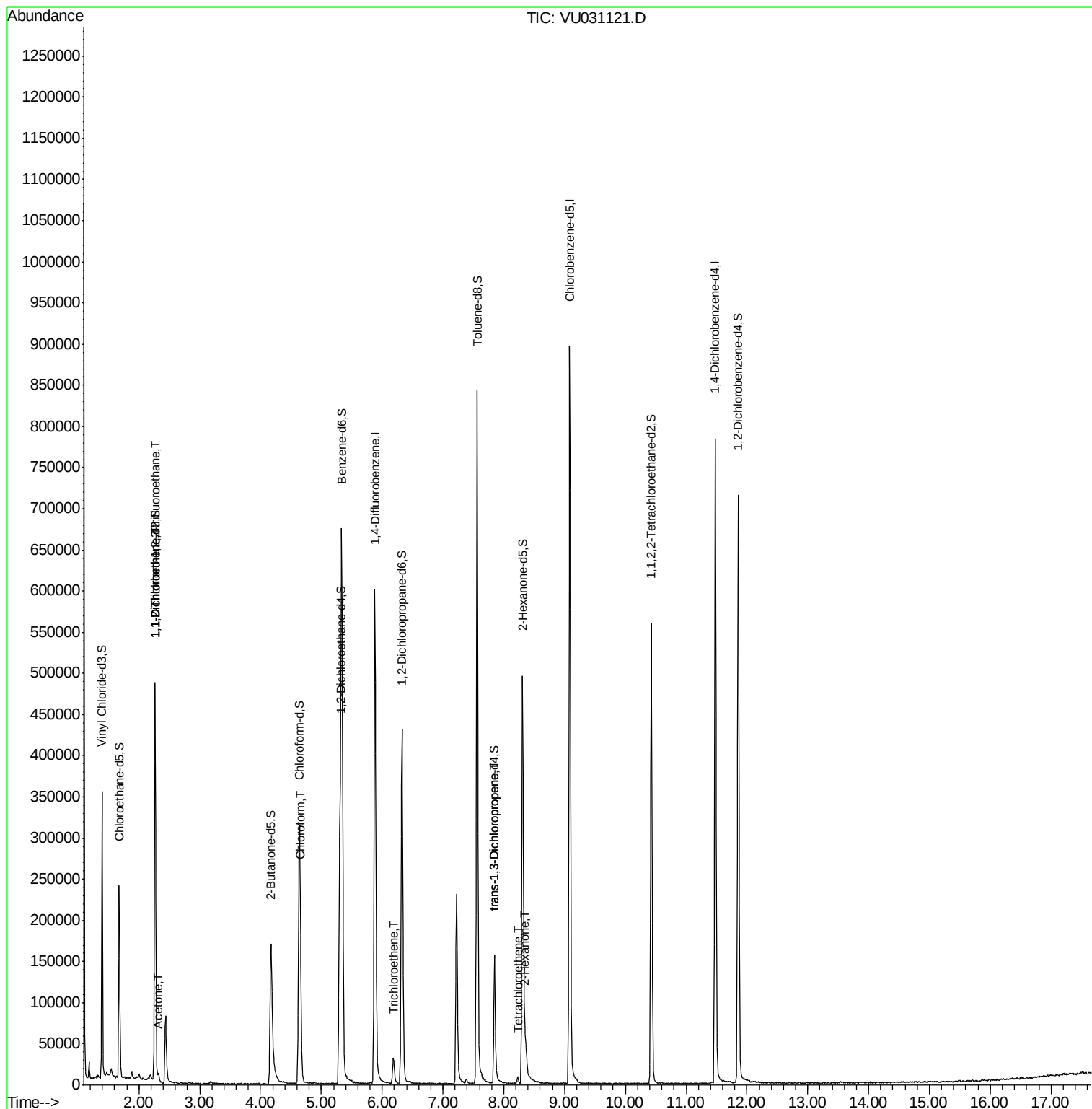
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2737	0.760 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	2249	0.647 ug/L #	1
13) Acetone	2.32	43	7948	2.183 ug/L	96
25) Chloroform	4.67	83	11146	1.456 ug/L	93
34) Trichloroethene	6.19	95	10476	2.620 ug/L	88
44) trans-1,3-Dichloropropene	7.85	75	3926	0.678 ug/L #	46
46) Tetrachloroethene	8.23	164	1864	0.641 ug/L	86
48) 2-Hexanone	8.36	43	20204	3.488 ug/L #	91

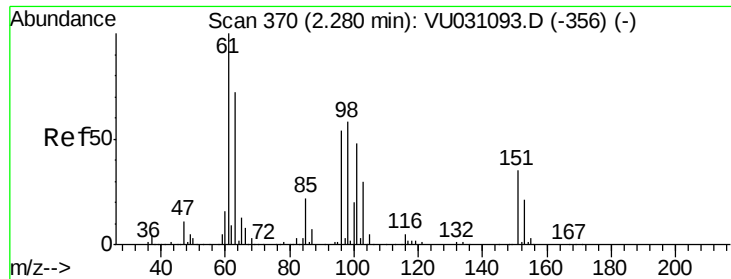
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU031121.D
Acq On : 12 Apr 2019 11:41
Operator : JC/SP
Sample : K2354-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 113 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1C5

Quant Time: Apr 12 23:36:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 23:21:49 2019
Response via : Initial Calibration





#10

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

Concen: 0.760 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031121.D

Acq: 12 Apr 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

BF1C5

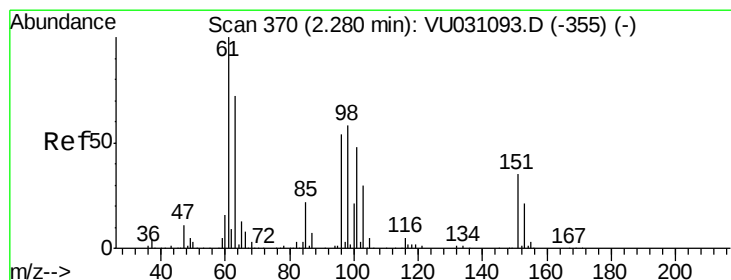
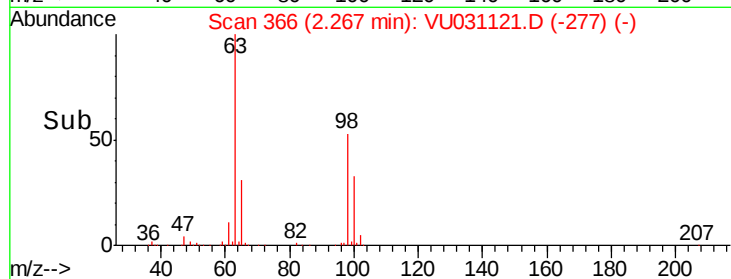
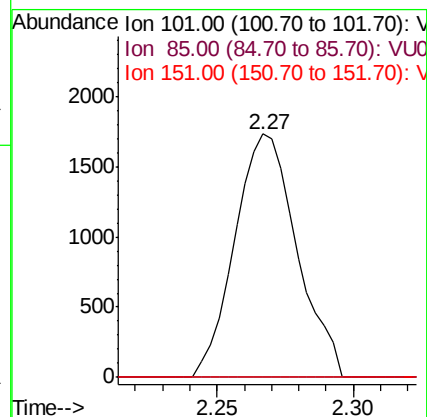
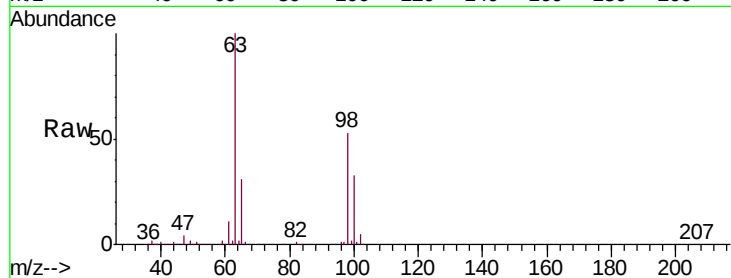
Tgt Ion: 101 Resp: 2737

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

151 1.6 57.4 86.0#



#12

1,1-Dichloroethene

Concen: 0.647 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031121.D

Acq: 12 Apr 2019 11:41

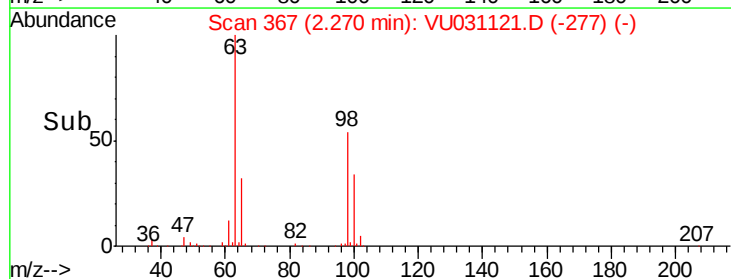
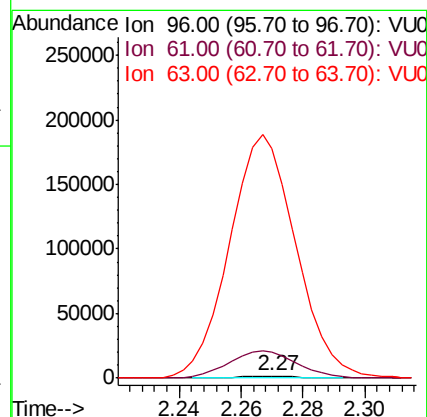
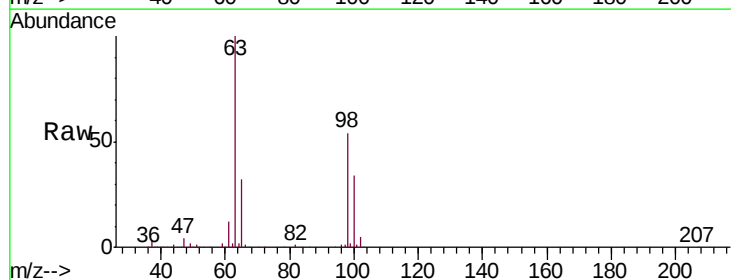
Tgt Ion: 96 Resp: 2249

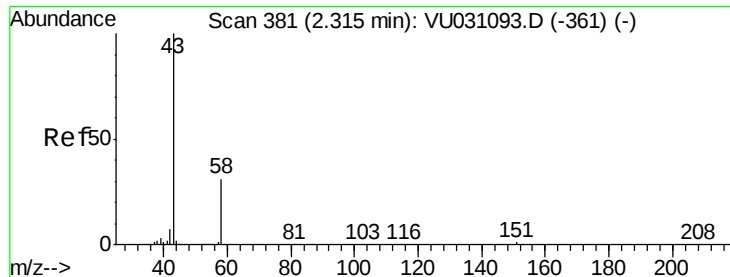
Ion Ratio Lower Upper

96 100

61 1422.7 132.0 245.2#

63 12290.3 90.9 168.9#





#13

Acetone

Concen: 2.183 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU031121.D

Acq: 12 Apr 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

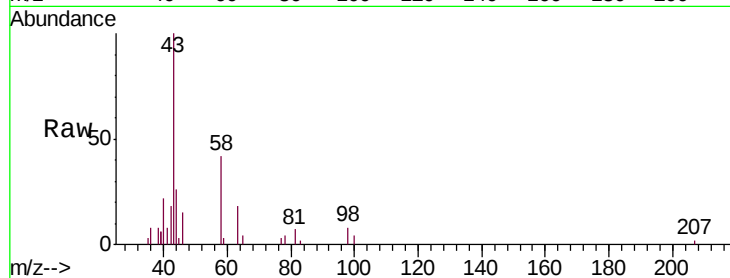
BF1C5

Tgt Ion: 43 Resp: 7948

Ion Ratio Lower Upper

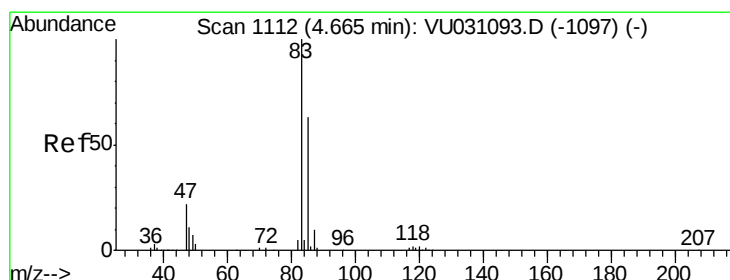
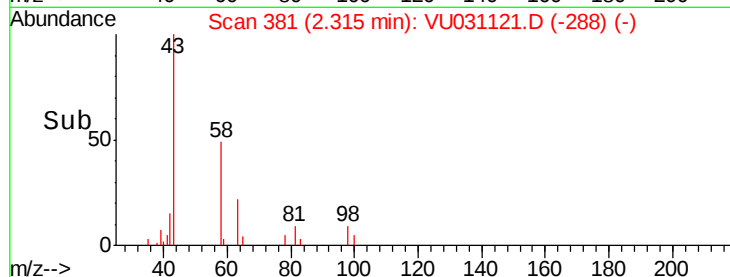
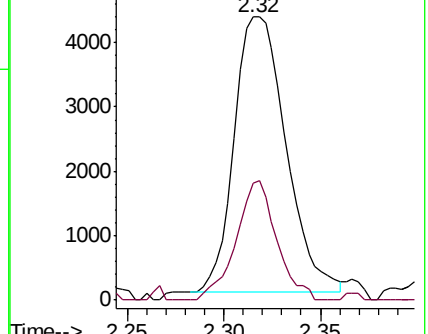
43 100

58 34.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031093.D (-361) (-)

Ion 58.00 (57.70 to 58.70): VU031093.D (-361) (-)



#25

Chloroform

Concen: 1.456 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VU031121.D

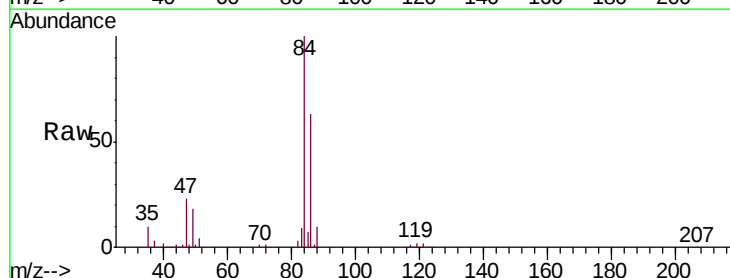
Acq: 12 Apr 2019 11:41

Tgt Ion: 83 Resp: 11146

Ion Ratio Lower Upper

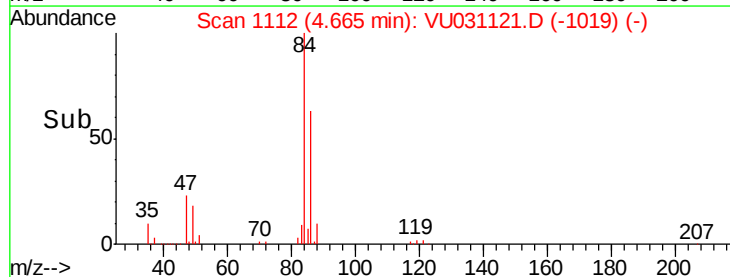
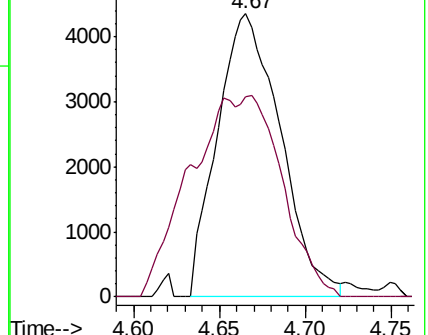
83 100

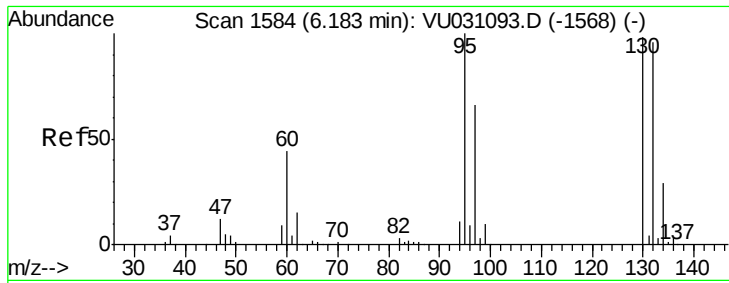
85 70.9 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU031093.D (-1097) (-)

Ion 85.00 (84.70 to 85.70): VU031093.D (-1097) (-)





#34

Trichloroethene

Concen: 2.620 ug/L

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VU031121.D

Acq: 12 Apr 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

BF1C5

Tgt Ion: 95 Resp: 10476

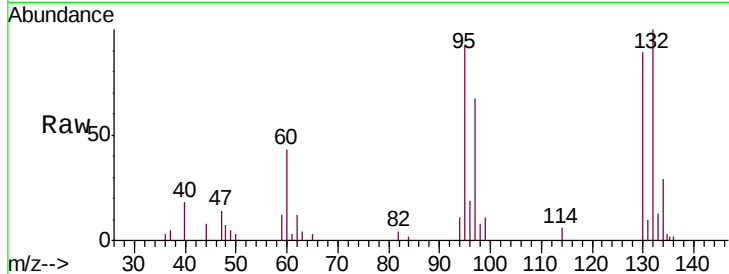
Ion Ratio Lower Upper

95 100

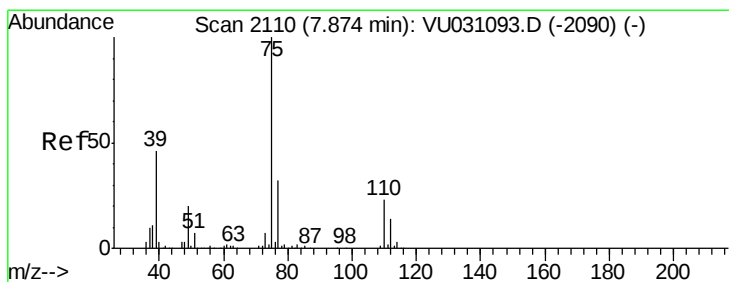
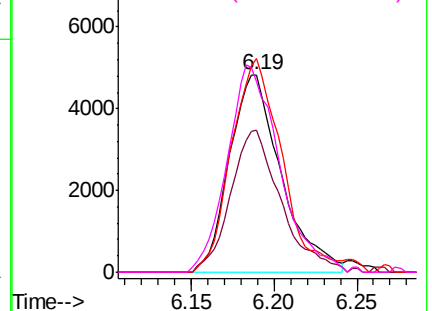
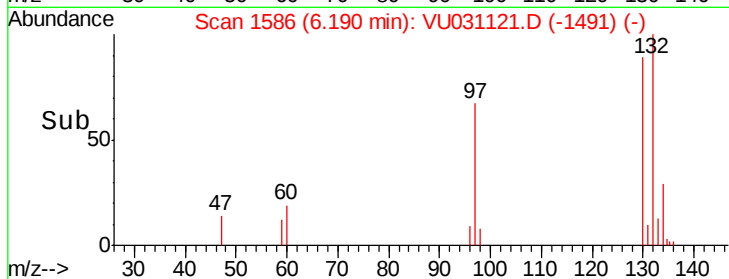
97 72.1 44.5 82.7

132 108.2 61.5 114.1

130 96.4 64.9 120.5



Abundance Ion 95.00 (94.70 to 95.70): VU031121.D (-1491) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.678 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031121.D

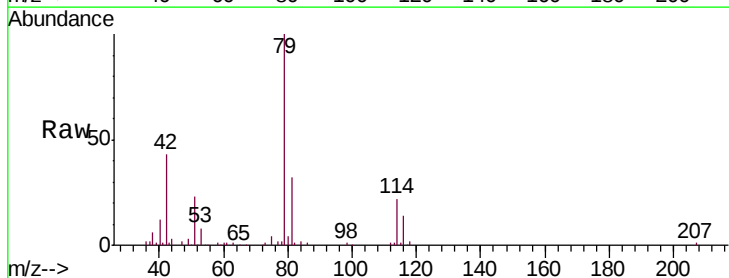
Acq: 12 Apr 2019 11:41

Tgt Ion: 75 Resp: 3926

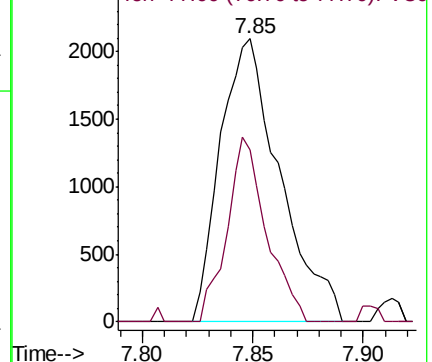
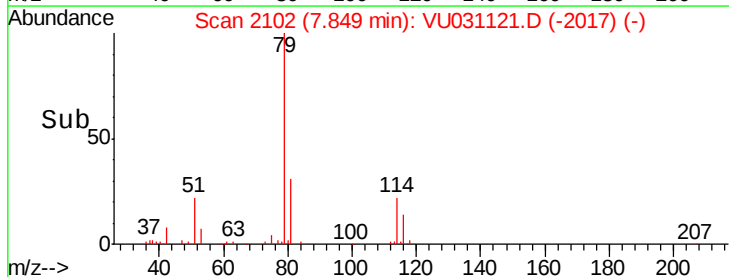
Ion Ratio Lower Upper

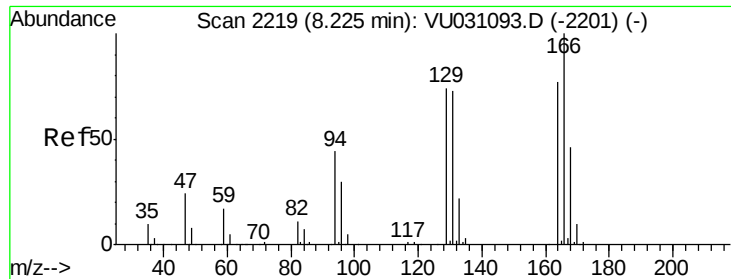
75 100

77 60.6 21.6 40.0#



Abundance Ion 75.00 (74.70 to 75.70): VU031121.D (-2017) (-)

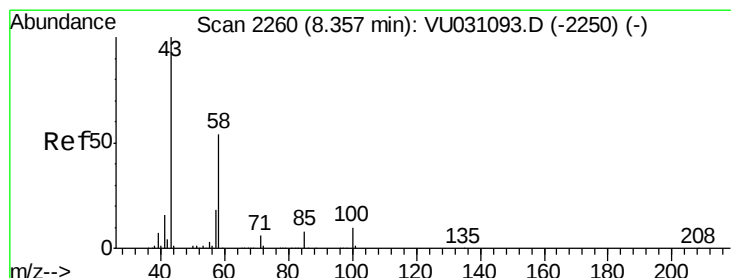
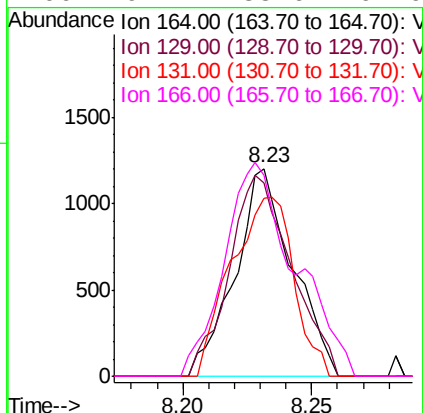
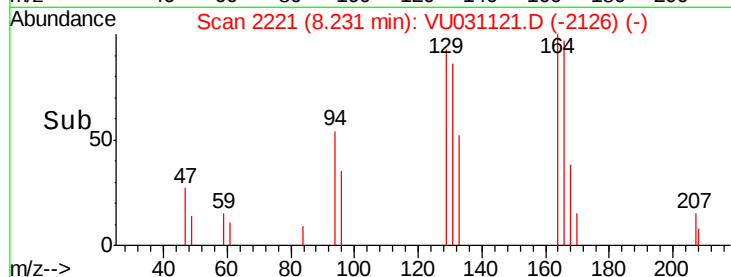
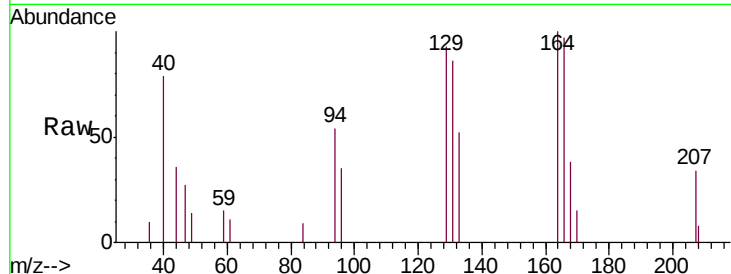




#46
Tetrachloroethene
Concen: 0.641 ug/L
RT: 8.23 min Scan# 2221
Delta R.T. 0.01 min
Lab File: VU031121.D
Acq: 12 Apr 2019 11:41

Instrument :
MSVOA_U
ClientSampleId :
BF1C5

Tgt Ion: 164 Resp: 1864
Ion Ratio Lower Upper
164 100
129 92.9 67.4 125.2
131 86.0 65.9 122.5
166 97.2 88.6 164.6



#48
2-Hexanone
Concen: 3.488 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU031121.D
Acq: 12 Apr 2019 11:41

Tgt Ion: 43 Resp: 20204
Ion Ratio Lower Upper
43 100
58 48.1 41.9 62.9
57 11.2 14.3 21.5#
100 4.7 7.1 10.7#

