

Data File : VU031135.D
Acq On : 12 Apr 2019 17:50
Operator : JC/SP
Sample : K2354-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Apr 13 01:05:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 01:01:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	467348	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	460685	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	191140	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	200504	48.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.12%
7) Chloroethane-d5	1.68	69	158786	50.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.30%
11) 1,1-Dichloroethene-d2	2.26	63	271692	36.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.02%
21) 2-Butanone-d5	4.17	46	317847	96.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.13%
24) Chloroform-d	4.64	84	313357	49.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.34%
26) 1,2-Dichloroethane-d4	5.30	65	219775	50.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.08%
32) Benzene-d6	5.34	84	653253	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.14%
36) 1,2-Dichloropropane-d6	6.33	67	218986	47.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.02%
41) Toluene-d8	7.56	98	568870	47.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.44%
43) trans-1,3-Dichloropropene-	7.85	79	96688	46.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.02%
47) 2-Hexanone-d5	8.31	63	194668	92.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.41%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	302323	48.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	199014	52.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.88%

Target Compounds

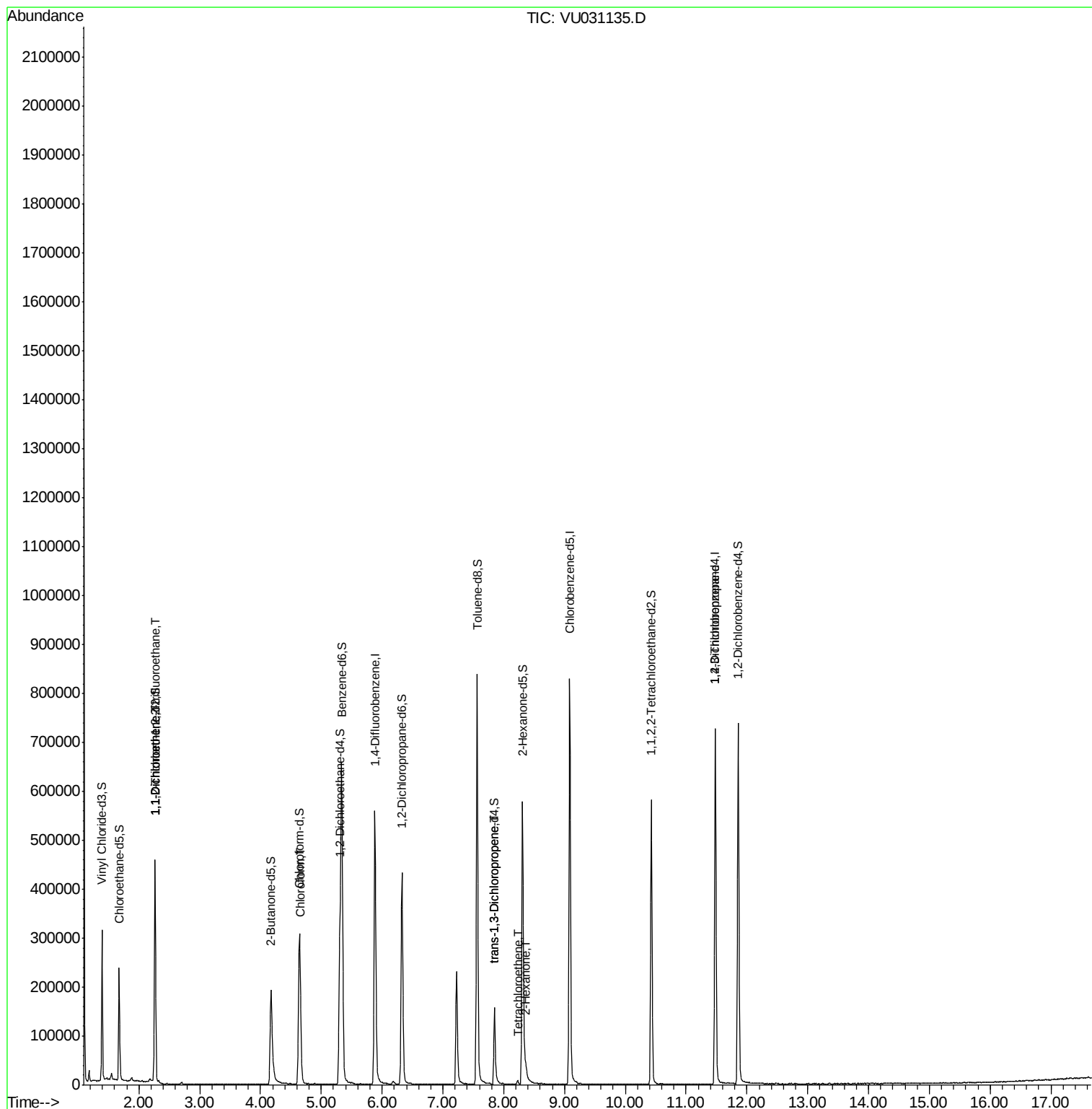
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2379	0.711 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	2096	0.649 ug/L #	1
25) Chloroform	4.66	83	8233	1.157 ug/L	81
44) trans-1,3-Dichloropropene	7.85	75	3805	0.711 ug/L	84
46) Tetrachloroethene	8.23	164	1628	0.606 ug/L	89
48) 2-Hexanone	8.36	43	11609	2.168 ug/L #	94
59) 1,2,3-Trichloropropane	11.48	75	23476	4.592 ug/L	96

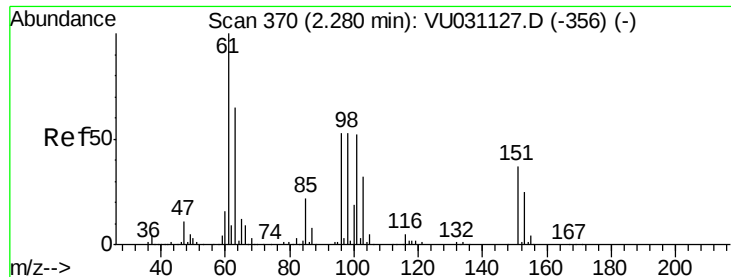
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Apr 13 01:01:33 2019
Response via : Initial Calibration





#10

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

Concen: 0.711 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.02 min

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Acq: 12 Apr 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

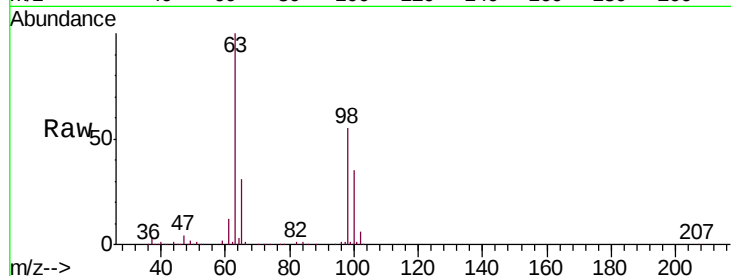
Tgt Ion: 101 Resp: 2379

Ion Ratio Lower Upper

101 100

85 1.7 36.8 55.2#

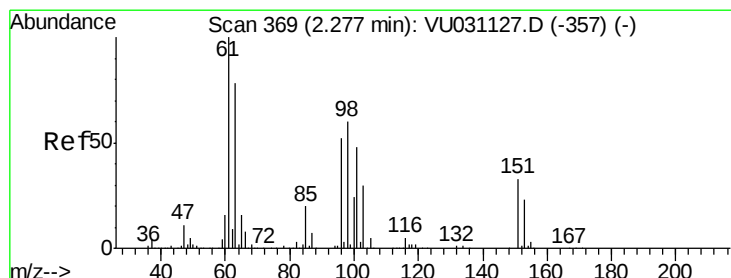
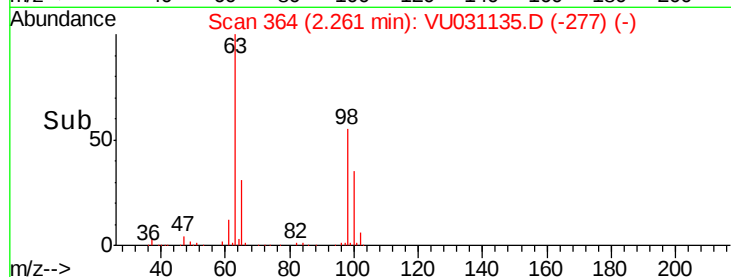
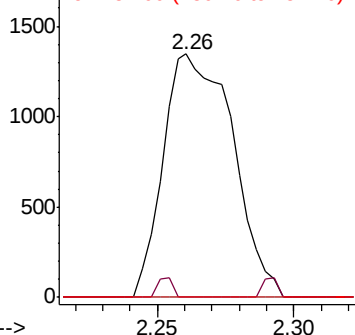
151 0.0 57.4 86.0#



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: 0.649 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031135.D

Acq: 12 Apr 2019 17:50

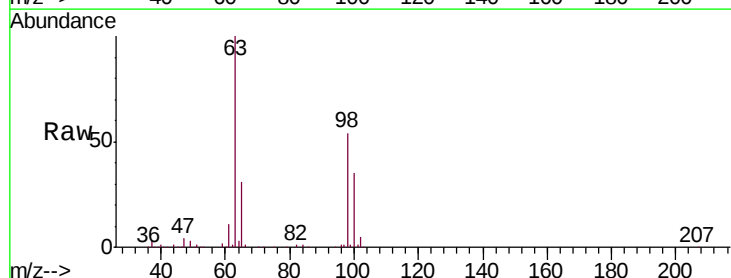
Tgt Ion: 96 Resp: 2096

Ion Ratio Lower Upper

96 100

61 1428.4 132.0 245.2#

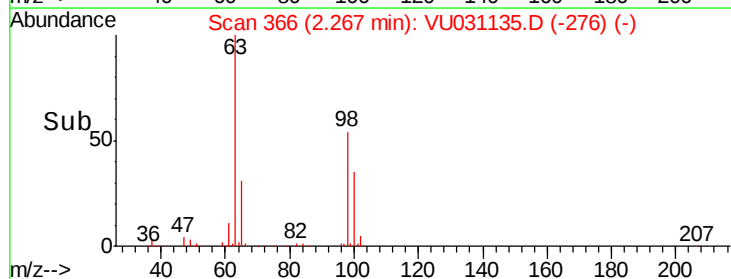
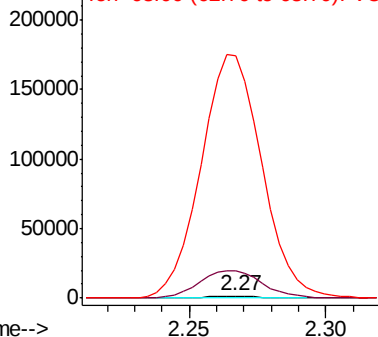
63 12832.9 90.9 168.9#

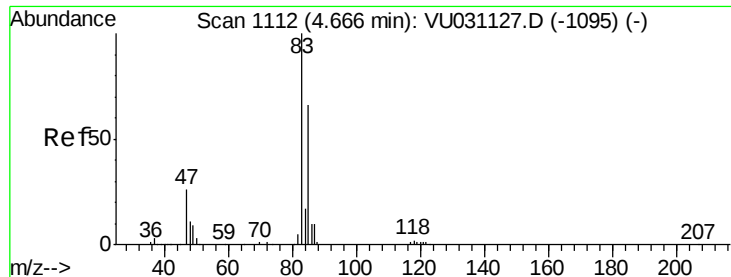


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

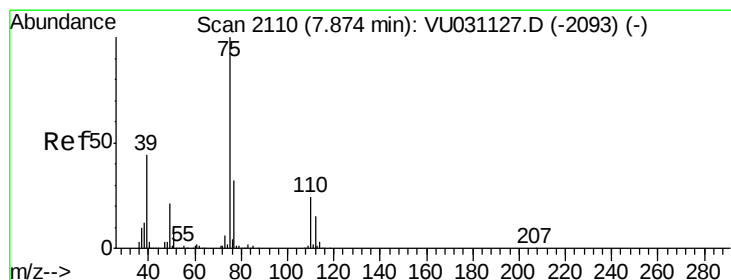
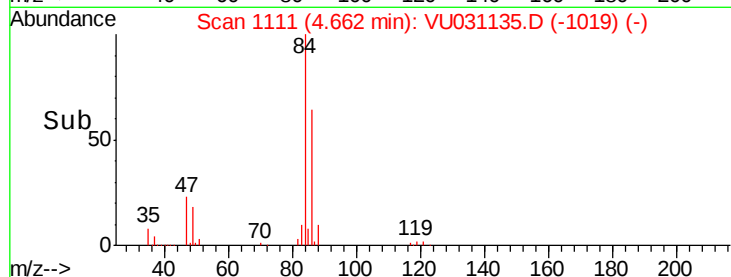
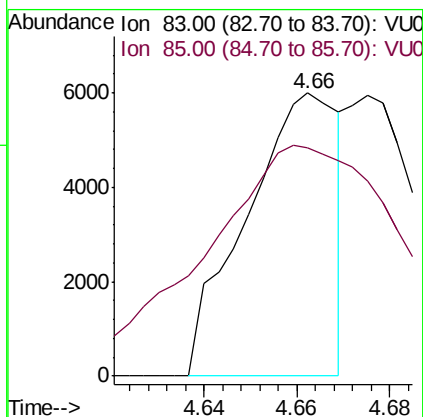
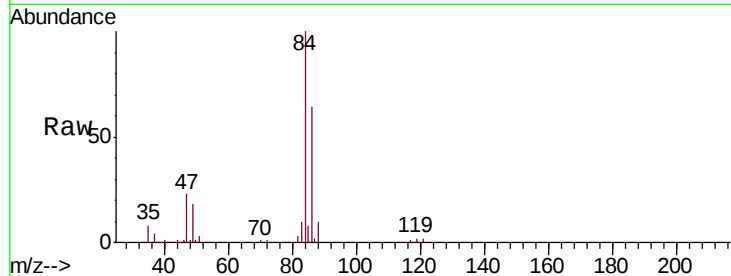




#25
Chloroform
Concen: 1.157 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VU031135.D
Acq: 12 Apr 2019 17:50

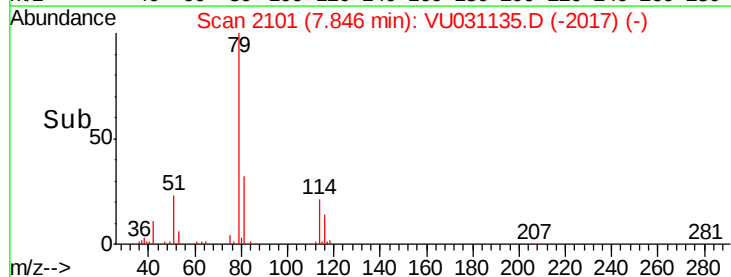
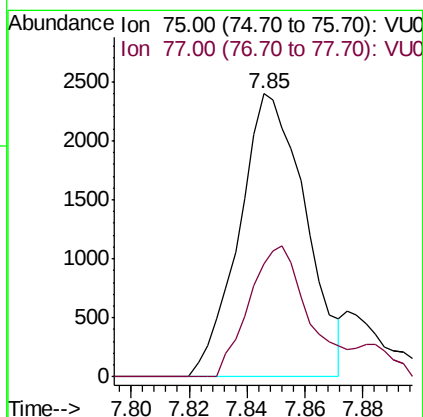
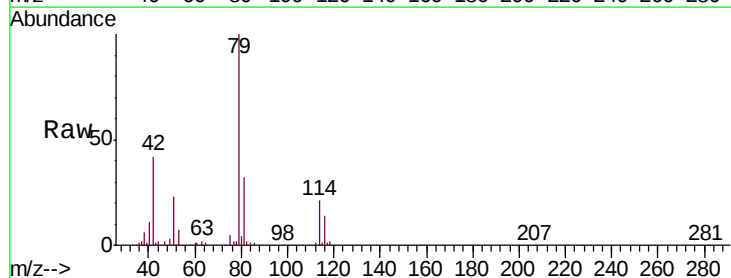
Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

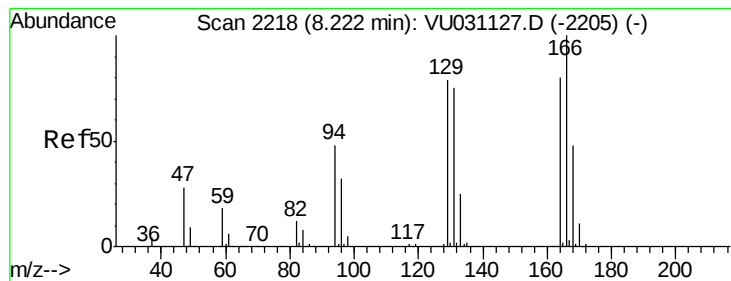
Tgt Ion: 83 Resp: 8233
Ion Ratio Lower Upper
83 100
85 80.5 45.8 85.0



#44
trans-1,3-Dichloropropene
Concen: 0.711 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU031135.D
Acq: 12 Apr 2019 17:50

Tgt Ion: 75 Resp: 3805
Ion Ratio Lower Upper
75 100
77 39.8 21.6 40.0





#46

Tetrachloroethene

Concen: 0.606 ug/L

RT: 8.23 min Scan# 2222

Delta R.T. 0.01 min

Lab File: VU031135.D

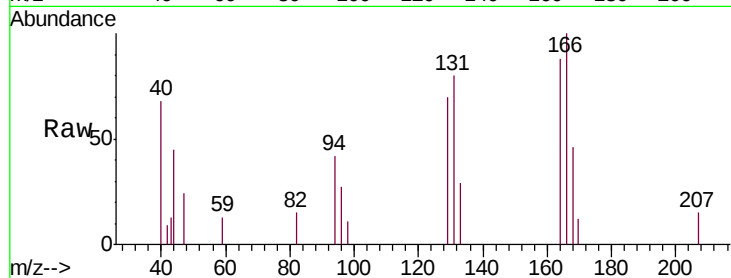
Acq: 12 Apr 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02



Tgt Ion:164 Resp: 1628

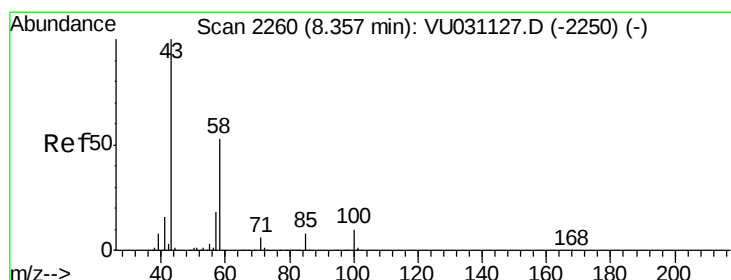
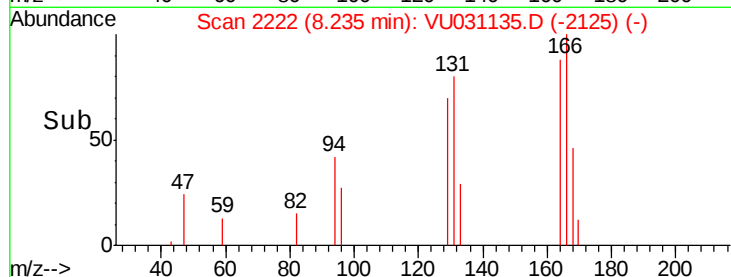
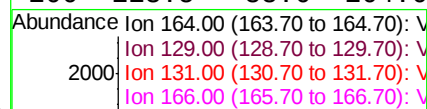
Ion Ratio Lower Upper

164 100

129 79.2 67.4 125.2

131 91.1 65.9 122.5

166 113.5 88.6 164.6



#48

2-Hexanone

Concen: 2.168 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.01 min

Lab File: VU031135.D

Acq: 12 Apr 2019 17:50

Tgt Ion: 43 Resp: 11609

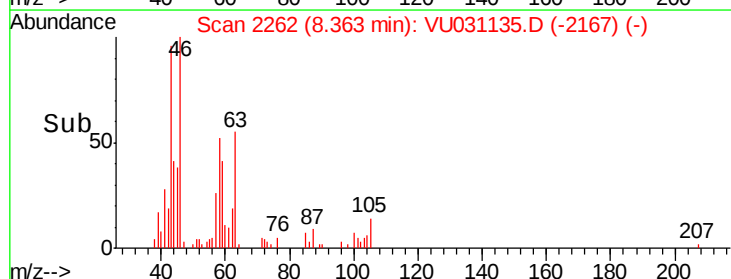
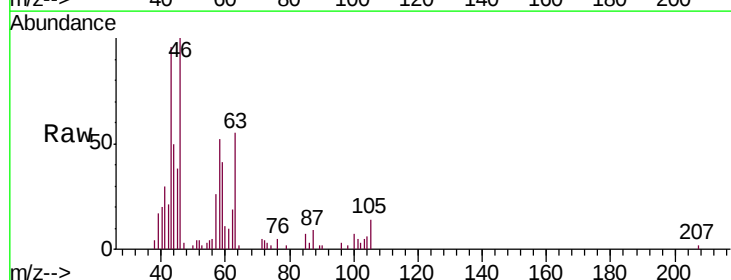
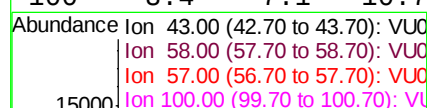
Ion Ratio Lower Upper

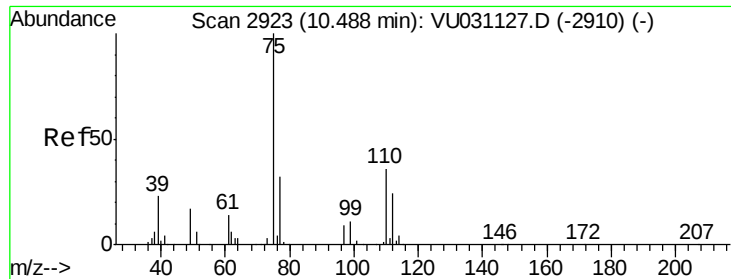
43 100

58 53.9 41.9 62.9

57 27.5 14.3 21.5#

100 8.4 7.1 10.7





#59

1,2,3-Trichloropropane

Concen: 4.592 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031135.D

Acq: 12 Apr 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

Tgt Ion: 75 Resp: 23476

Ion Ratio Lower Upper

75 100

77 34.9 26.1 39.1

