

Data File : VU031564.D
Acq On : 27 Apr 2019 04:32
Operator : JC/SP
Sample : K2592-17 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X83

Quant Time: Apr 27 05:29:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 03:26:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	844602	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	777358	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	294291	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	368481	52.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.26%
7) Chloroethane-d5	1.68	69	285609	52.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.58%
11) 1,1-Dichloroethene-d2	2.27	63	543405	38.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.20%
21) 2-Butanone-d5	4.19	46	701645	109.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.55%
24) Chloroform-d	4.64	84	624093	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.42%
26) 1,2-Dichloroethane-d4	5.31	65	420719	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.48%
32) Benzene-d6	5.34	84	1259435	52.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.52%
36) 1,2-Dichloropropane-d6	6.32	67	445453	53.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.08%
41) Toluene-d8	7.56	98	1054233	50.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.42%
43) trans-1,3-Dichloropropene-	7.85	79	168461	46.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.46%
47) 2-Hexanone-d5	8.31	63	416591	114.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.61%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	561741	49.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	331141	53.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

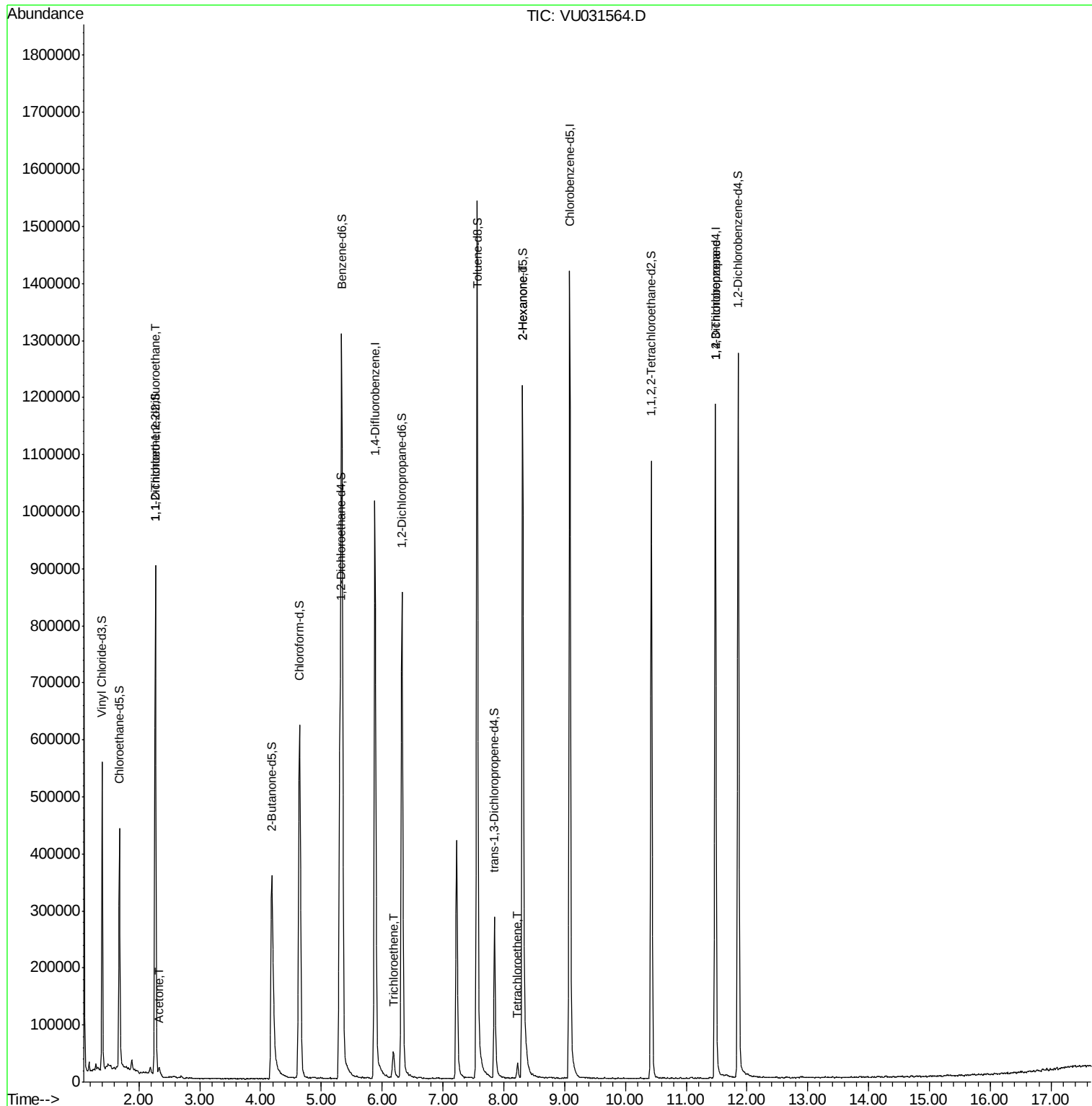
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4705	0.695 ug/L #	24
13) Acetone	2.34	43	10439	1.447 ug/L	84
34) Trichloroethene	6.19	95	14596	2.107 ug/L	95
46) Tetrachloroethene	8.23	164	6786	1.437 ug/L	91
48) 2-Hexanone	8.31	43	51423	5.093 ug/L #	74
59) 1,2,3-Trichloropropane	11.48	75	39830	4.140 ug/L	93

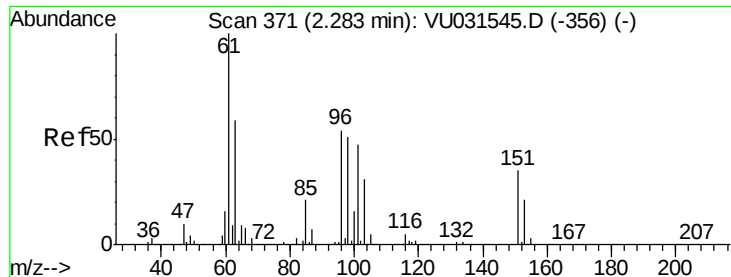
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.695 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031564.D

Acq: 27 Apr 2019 04:32

Instrument :

MSVOA_U

ClientSampled :

C0X83

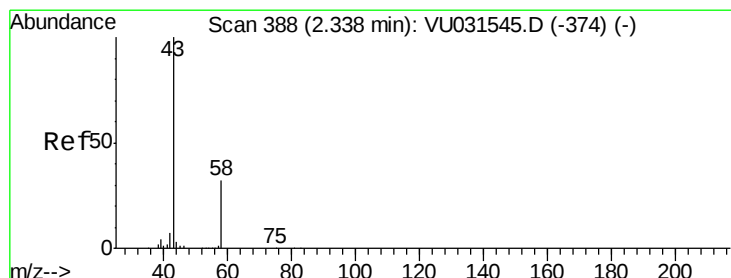
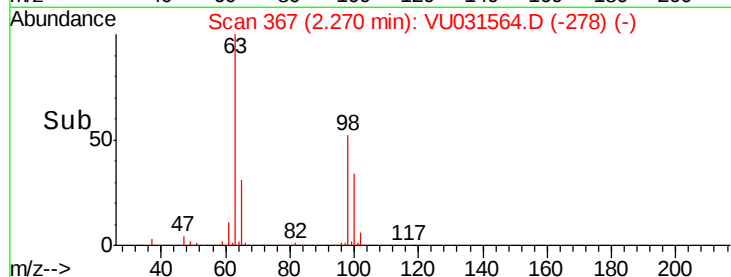
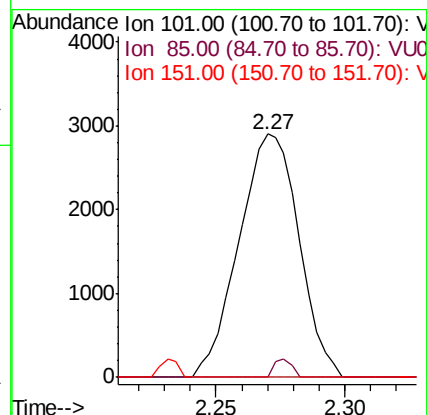
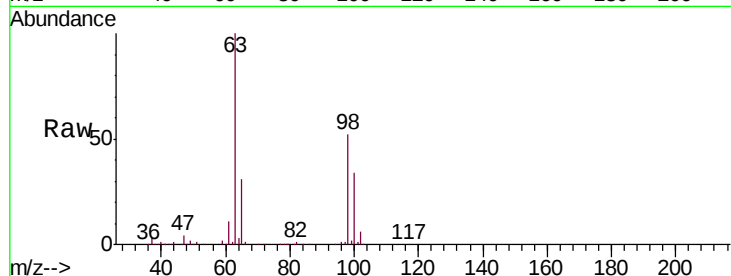
Tgt Ion:101 Resp: 4705

Ion Ratio Lower Upper

101 100

85 2.3 36.1 54.1#

151 2.2 56.1 84.1#



#13

Acetone

Concen: 1.447 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU031564.D

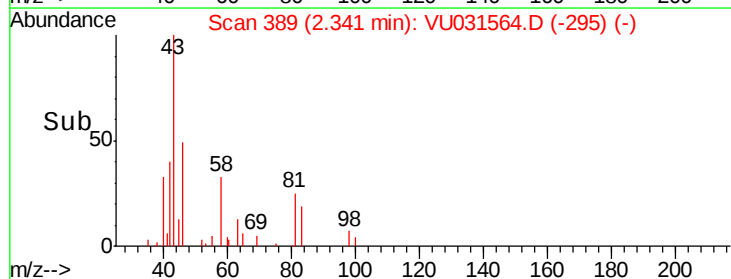
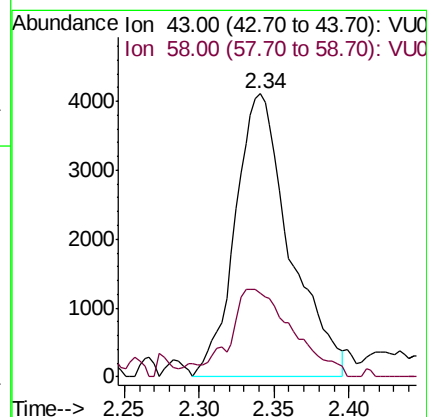
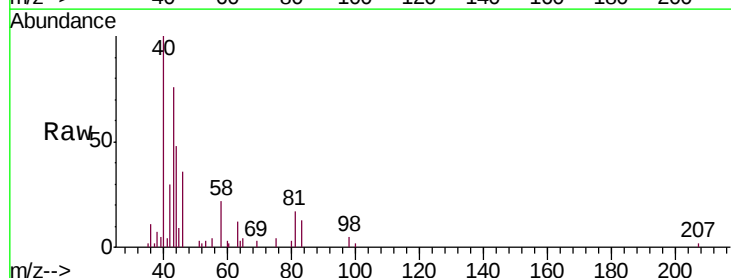
Acq: 27 Apr 2019 04:32

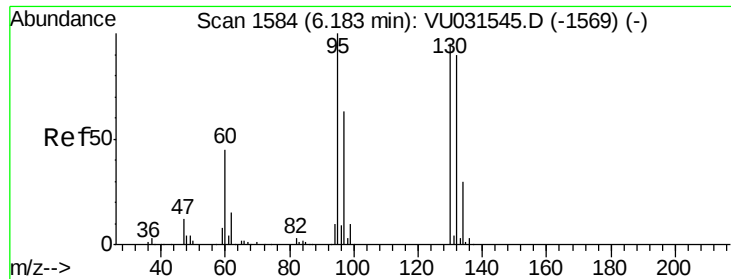
Tgt Ion: 43 Resp: 10439

Ion Ratio Lower Upper

43 100

58 23.1 0.0 64.4





#34

Trichloroethene

Concen: 2.107 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VU031564.D

Acq: 27 Apr 2019 04:32

Instrument :

MSVOA_U

ClientSampleId :

C0X83

Tgt Ion: 95 Resp: 14596

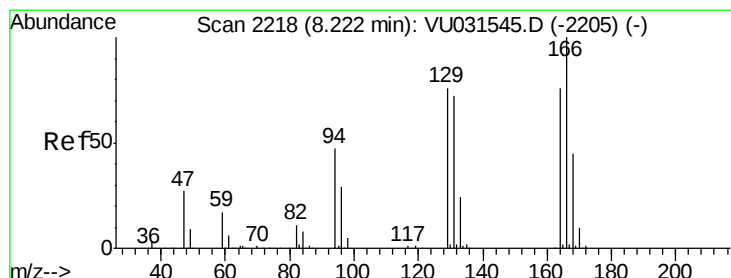
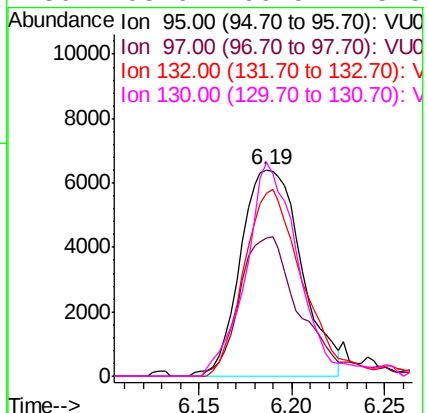
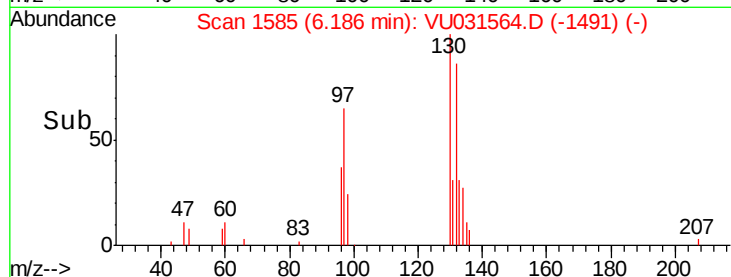
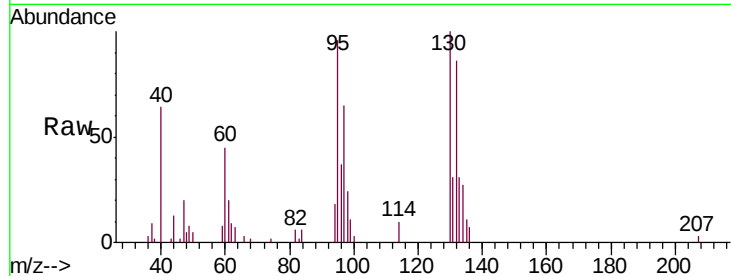
Ion Ratio Lower Upper

95 100

97 67.4 44.8 83.2

132 88.7 63.1 117.1

130 103.6 66.5 123.5



#46

Tetrachloroethene

Concen: 1.437 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031564.D

Acq: 27 Apr 2019 04:32

Tgt Ion: 164 Resp: 6786

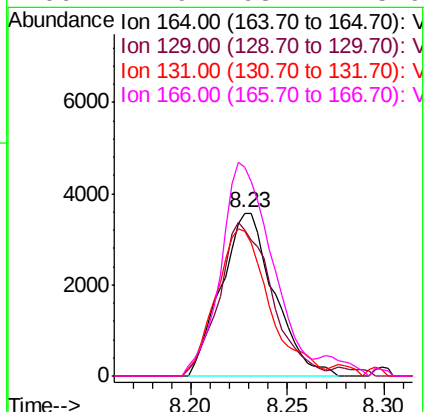
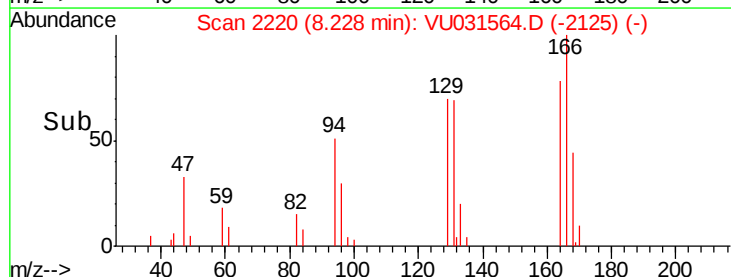
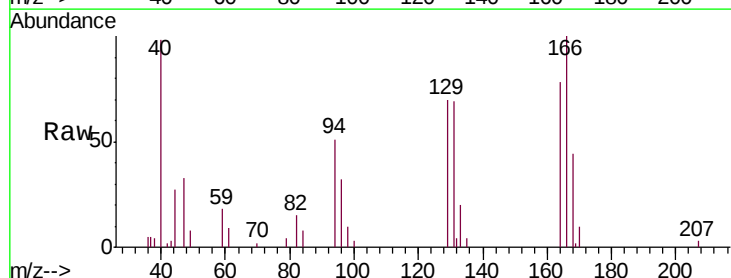
Ion Ratio Lower Upper

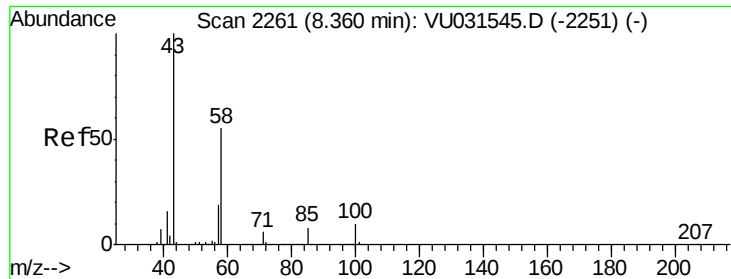
164 100

129 89.3 71.5 132.9

131 88.8 69.0 128.2

166 127.9 93.7 173.9

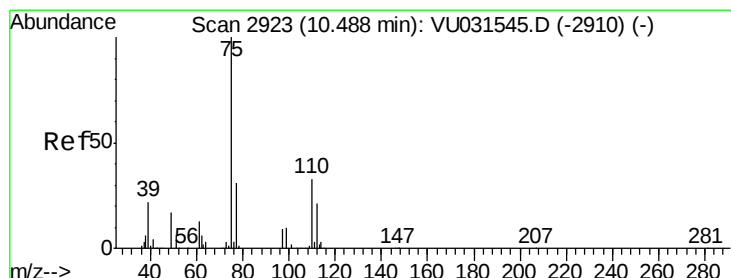
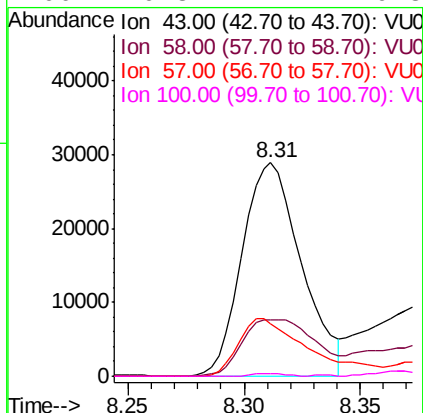
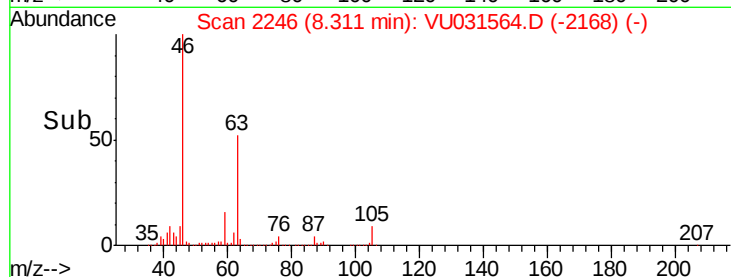
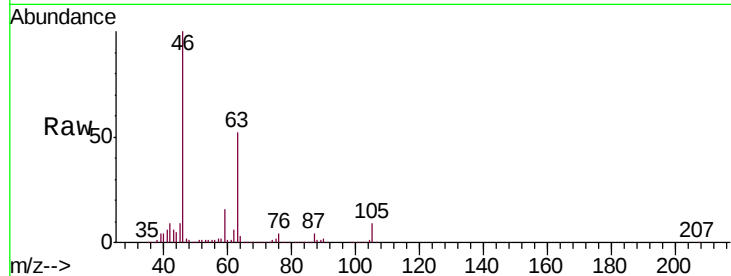




#48
 2-Hexanone
 Concen: 5.093 ug/L
 RT: 8.31 min Scan# 2246
 Delta R.T. -0.05 min
 Lab File: VU031564.D
 Acq: 27 Apr 2019 04:32

Instrument :
 MSVOA_U
 ClientSampled :
 C0X83

Tgt Ion: 43 Resp: 51423
 Ion Ratio Lower Upper
 43 100
 58 32.7 42.1 63.1#
 57 28.6 14.6 22.0#
 100 0.8 7.2 10.8#



#59
 1,2,3-Trichloropropane
 Concen: 4.140 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031564.D
 Acq: 27 Apr 2019 04:32

Tgt Ion: 75 Resp: 39830
 Ion Ratio Lower Upper
 75 100
 77 36.1 25.9 38.9

