

Data File : VU031187.D
Acq On : 14 Apr 2019 03:34
Operator : JC/SP
Sample : K2339-11DL 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFC34DL

Quant Time: Apr 15 01:42:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 15 01:39:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	438361	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	416142	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	167793	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	177456	45.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.70%
7) Chloroethane-d5	1.67	69	163743	55.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.26%
11) 1,1-Dichloroethene-d2	2.26	63	311869	44.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.12%
21) 2-Butanone-d5	4.17	46	293776	94.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.72%
24) Chloroform-d	4.64	84	296148	49.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.08%
26) 1,2-Dichloroethane-d4	5.30	65	203755	49.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.90%
32) Benzene-d6	5.34	84	574030	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.50%
36) 1,2-Dichloropropane-d6	6.32	67	201894	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.98%
41) Toluene-d8	7.56	98	501748	46.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.85	79	79614	41.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.88%
47) 2-Hexanone-d5	8.31	63	177322	93.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.19%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	275073	48.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	171354	51.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.86%

Target Compounds

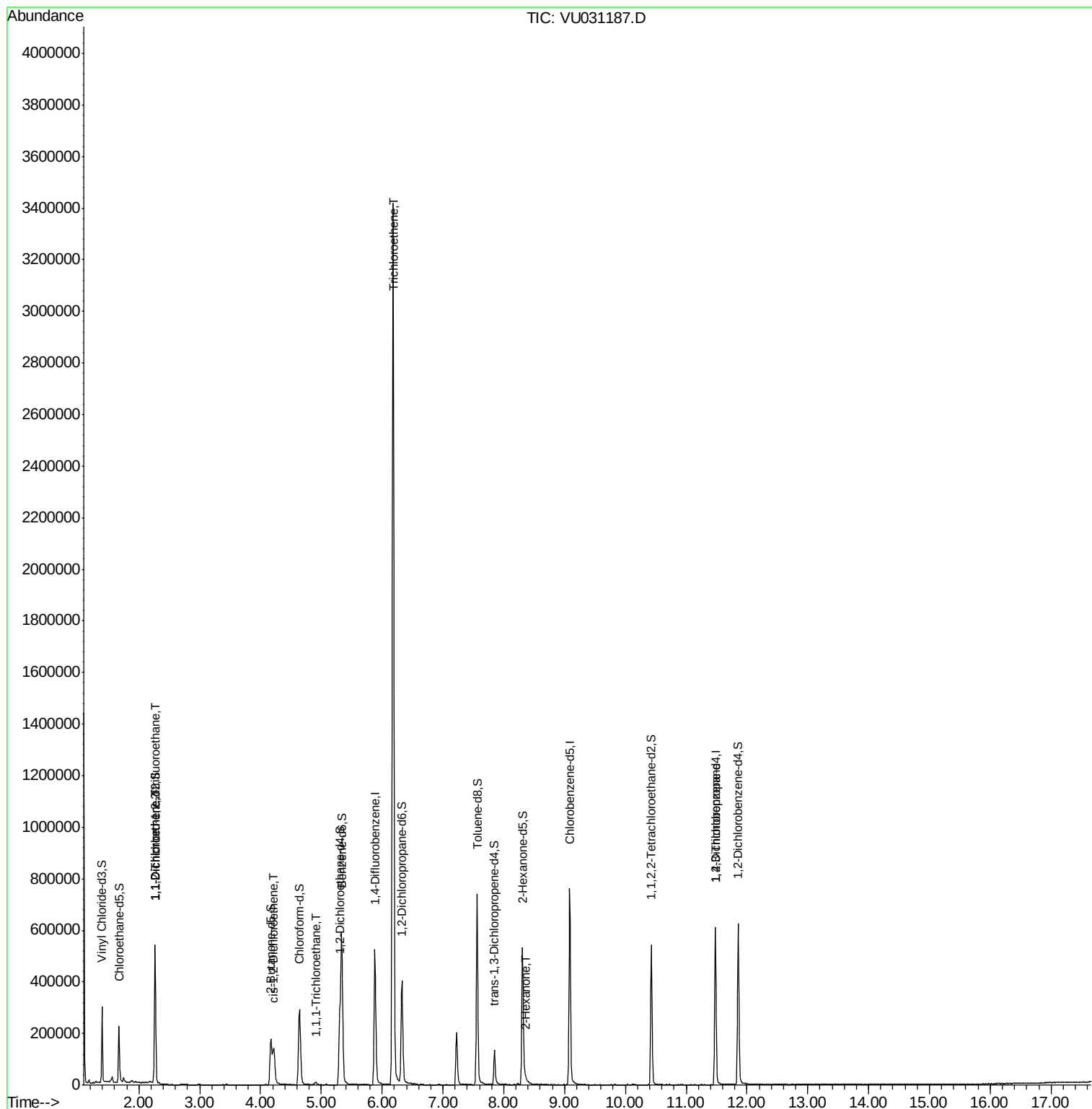
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2748	0.875 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	13141	4.337 ug/L #	1
20) cis-1,2-Dichloroethene	4.22	96	73001	20.549 ug/L	93
30) 1,1,1-Trichloroethane	4.91	97	7399	1.459 ug/L	96
34) Trichloroethene	6.18	95	1197035	358.389 ug/L	96
48) 2-Hexanone	8.36	43	6669	1.379 ug/L #	52
59) 1,2,3-Trichloropropane	11.48	75	18558	4.018 ug/L	98

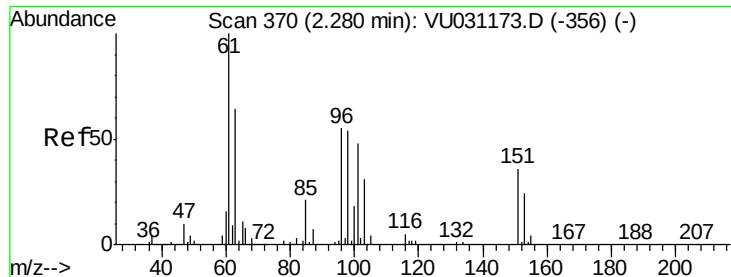
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU031187.D
Acq On : 14 Apr 2019 03:34
Operator : JC/SP
Sample : K2339-11DL 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFC34DL

Quant Time: Apr 15 01:42:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 15 01:39:53 2019
Response via : Initial Calibration





#10

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

Concen: 0.875 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU031187.D

Acq: 14 Apr 2019 03:34

Instrument :

MSVOA_U

ClientSampleId :

BFC34DL

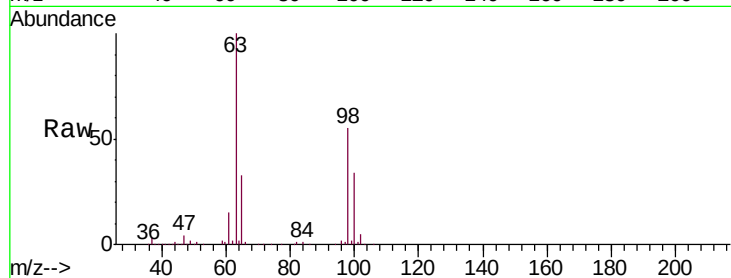
Tgt Ion: 101 Resp: 2748

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

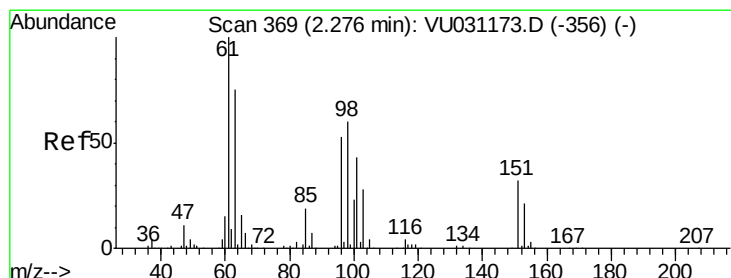
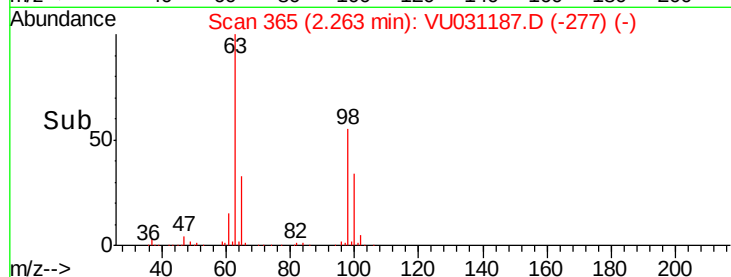
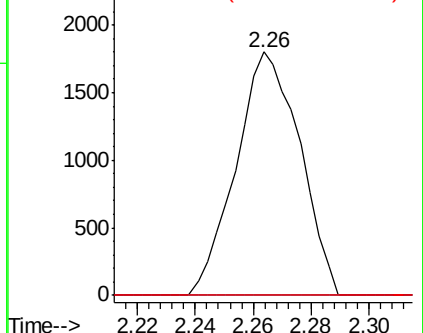
151 0.0 57.4 86.0#



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: 4.337 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.00 min

Lab File: VU031187.D

Acq: 14 Apr 2019 03:34

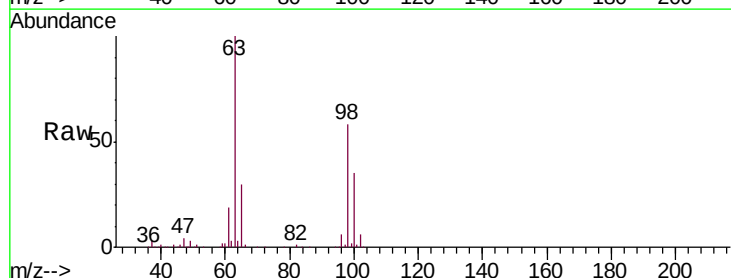
Tgt Ion: 96 Resp: 13141

Ion Ratio Lower Upper

96 100

61 344.3 132.0 245.2#

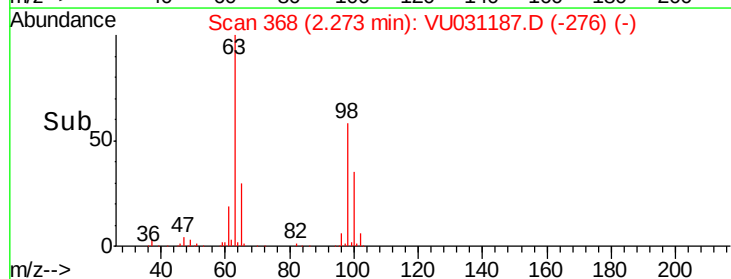
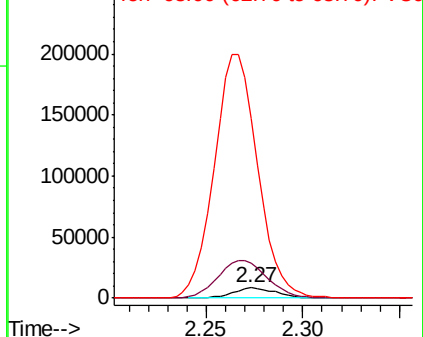
63 1782.6 90.9 168.9#

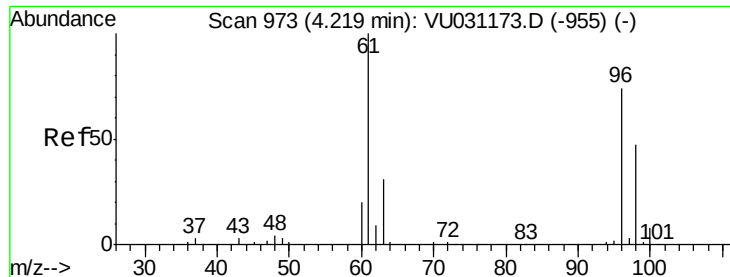


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

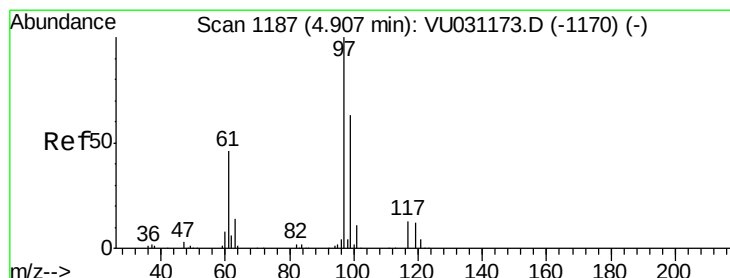
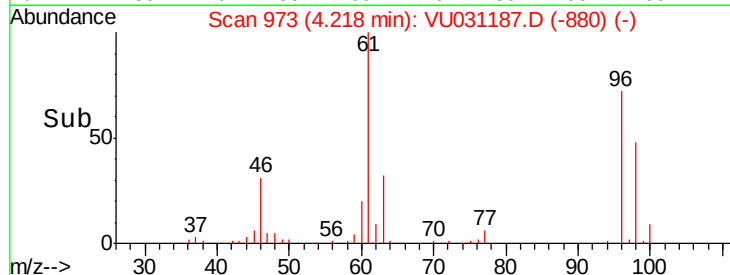
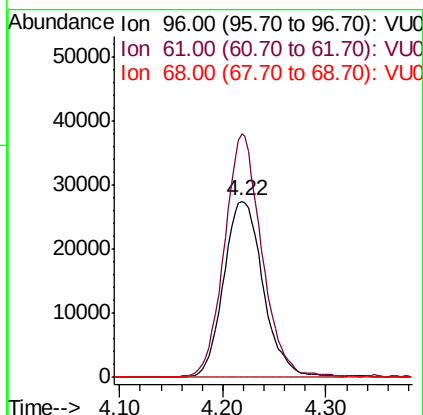
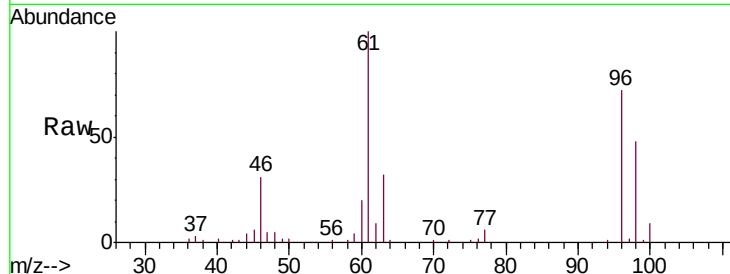




#20
 cis-1,2-Dichloroethene
 Concen: 20.549 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU031187.D
 Acq: 14 Apr 2019 03:34

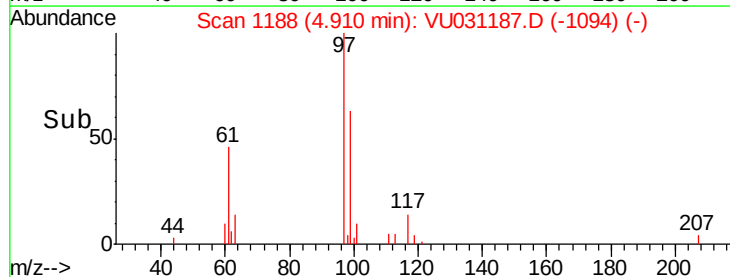
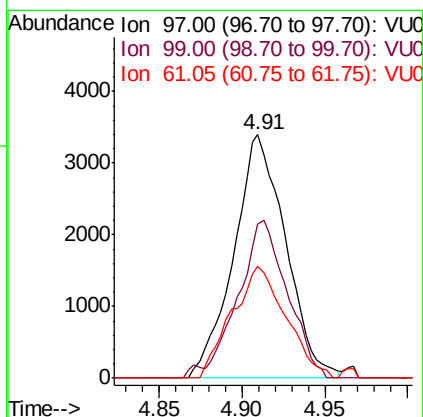
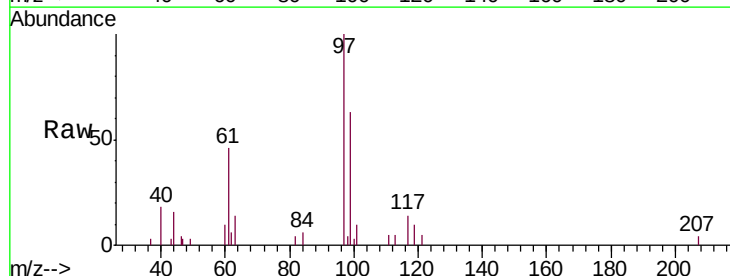
Instrument :
 MSVOA_U
 ClientSampleId :
 BFC34DL

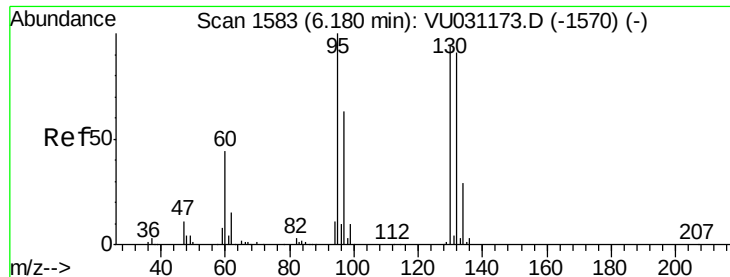
Tgt Ion: 96 Resp: 73001
 Ion Ratio Lower Upper
 96 100
 61 138.4 102.9 191.1
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 1.459 ug/L
 RT: 4.91 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: VU031187.D
 Acq: 14 Apr 2019 03:34

Tgt Ion: 97 Resp: 7399
 Ion Ratio Lower Upper
 97 100
 99 60.3 51.4 77.2
 61 47.8 37.1 55.7





#34

Trichloroethene

Concen: 358.389 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031187.D

Acq: 14 Apr 2019 03:34

Instrument :

MSVOA_U

ClientSampled :

BFC34DL

Tgt Ion: 95 Resp: 1197035

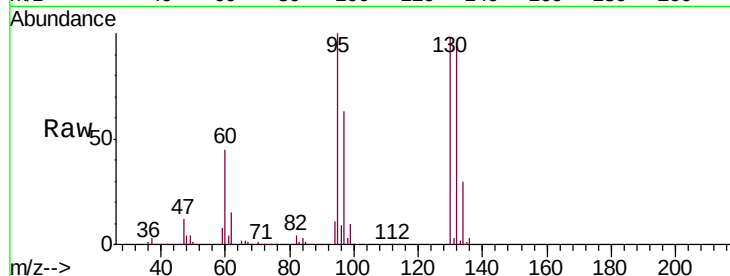
Ion Ratio Lower Upper

95 100

97 63.4 44.5 82.7

132 93.6 61.5 114.1

130 97.7 64.9 120.5

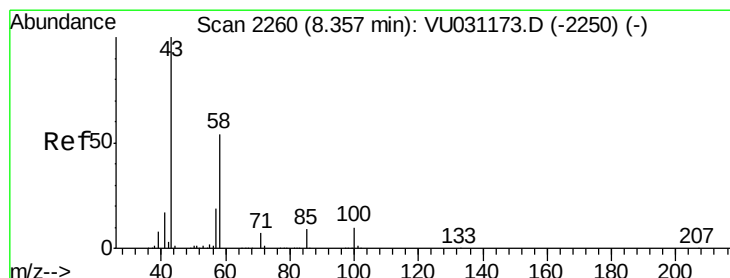
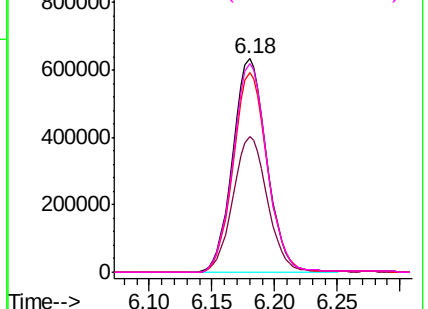
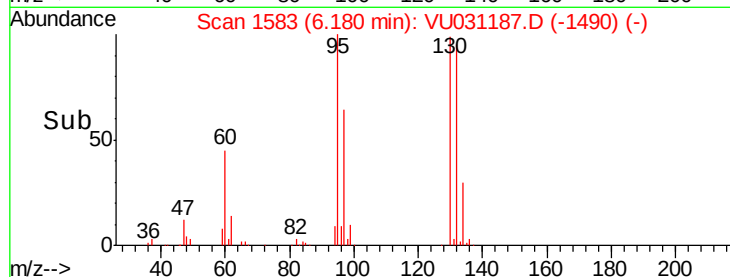


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#48

2-Hexanone

Concen: 1.379 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.01 min

Lab File: VU031187.D

Acq: 14 Apr 2019 03:34

Tgt Ion: 43 Resp: 6669

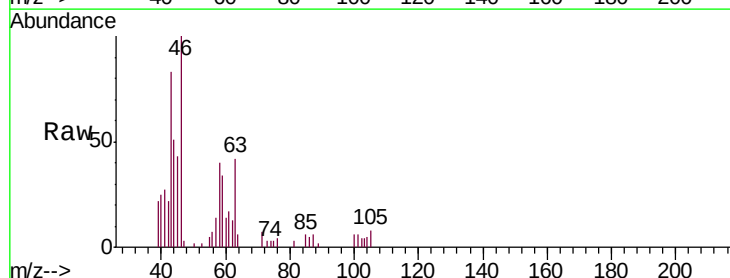
Ion Ratio Lower Upper

43 100

58 10.3 41.9 62.9#

57 2.3 14.3 21.5#

100 5.8 7.1 10.7#

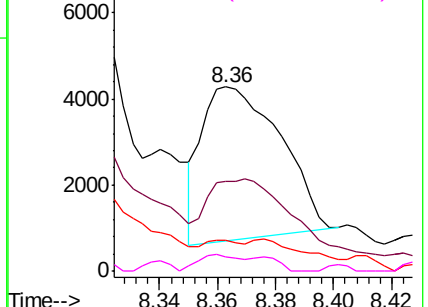
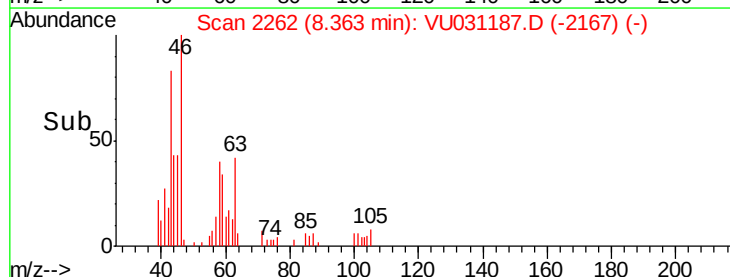


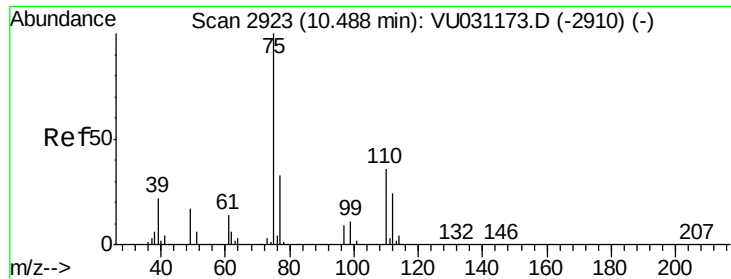
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.018 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031187.D

Acq: 14 Apr 2019 03:34

Instrument :

MSVOA_U

ClientSampleId :

BFC34DL

Tgt Ion: 75 Resp: 18558

Ion Ratio Lower Upper

75 100

77 33.9 26.1 39.1

