

Data File : VU034566.D
Acq On : 16 Sep 2019 15:48
Operator : JC/SP
Sample : K4838-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0MC1

Quant Time: Sep 17 02:57:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 17 02:36:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	326733	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	298475	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	124930	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	79391	50.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.72%
7) Chloroethane-d5	1.67	69	64349	53.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.16%
11) 1,1-Dichloroethene-d2	2.26	63	122026	37.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.66%
21) 2-Butanone-d5	4.15	46	189056	106.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.36%
24) Chloroform-d	4.62	84	182119	50.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.78%
26) 1,2-Dichloroethane-d4	5.29	65	113995	52.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.40%
32) Benzene-d6	5.32	84	350389	53.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.78%
36) 1,2-Dichloropropane-d6	6.31	67	134119	54.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.80%
41) Toluene-d8	7.54	98	338146	53.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.14%
43) trans-1,3-Dichloropropene-	7.83	79	60651	52.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.08%
47) 2-Hexanone-d5	8.29	63	143461	108.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.25%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	201582	52.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.62%
64) 1,2-Dichlorobenzene-d4	11.84	152	121926	54.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.42%

Target Compounds

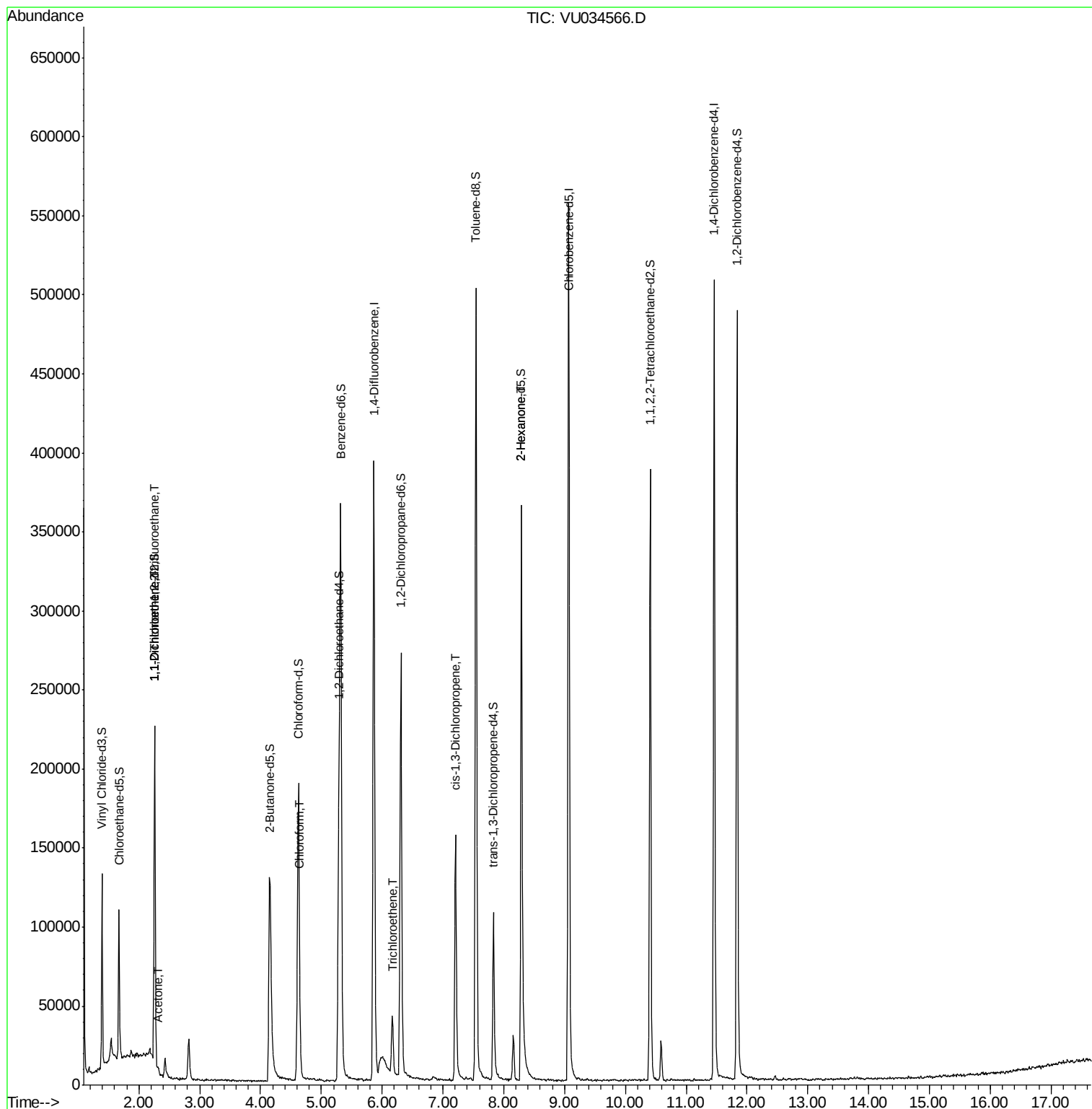
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1367	0.804 ug/L #	30
12) 1,1-Dichloroethene	2.26	96	2107	1.357 ug/L #	1
13) Acetone	2.31	43	2576	1.613 ug/L	92
25) Chloroform	4.65	83	4954	1.266 ug/L	96
34) Trichloroethene	6.17	95	13292	7.048 ug/L	90
39) cis-1,3-Dichloropropene	7.21	75	4330	1.254 ug/L #	52
48) 2-Hexanone	8.29	43	15057	5.014 ug/L #	63

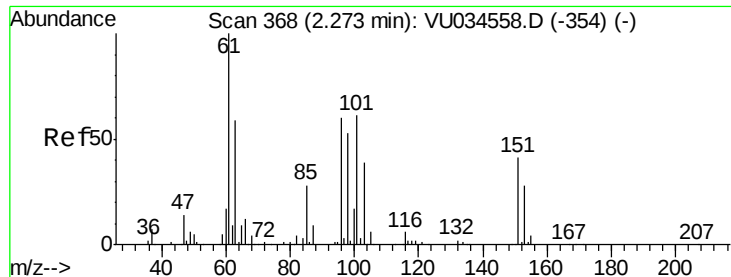
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.804 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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Acq: 16 Sep 2019 15:48

Instrument :

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ClientSampleId :

C0MC1

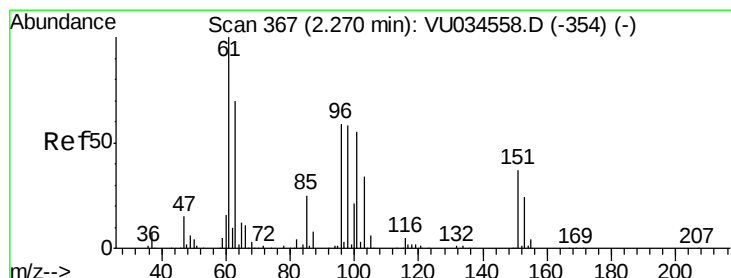
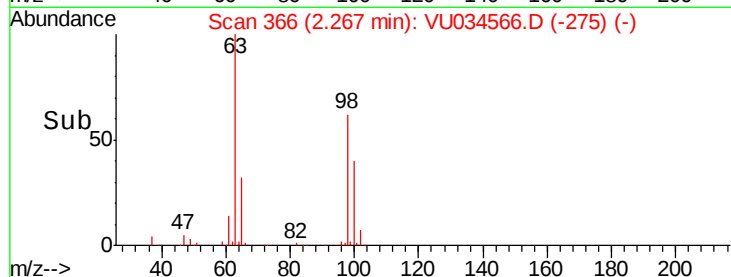
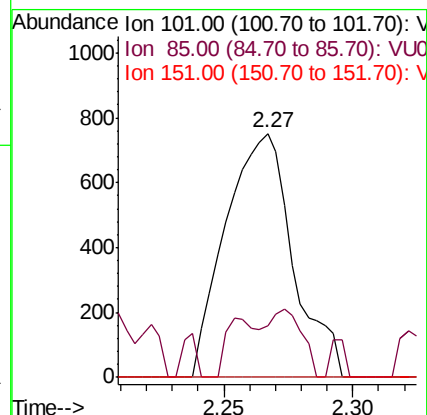
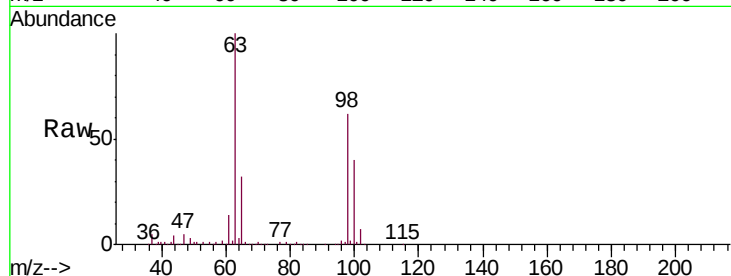
Tgt Ion: 101 Resp: 1367

Ion Ratio Lower Upper

101 100

85 14.1 37.0 55.6#

151 0.0 54.1 81.1#



#12

1,1-Dichloroethene

Concen: 1.357 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU034566.D

Acq: 16 Sep 2019 15:48

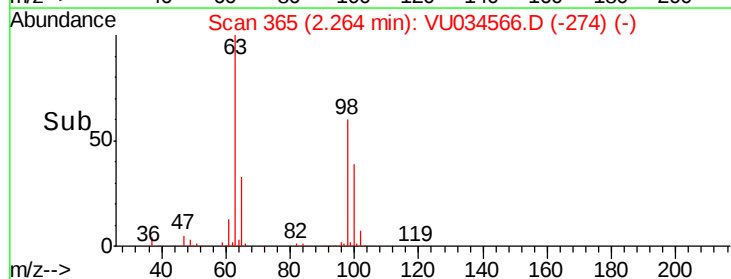
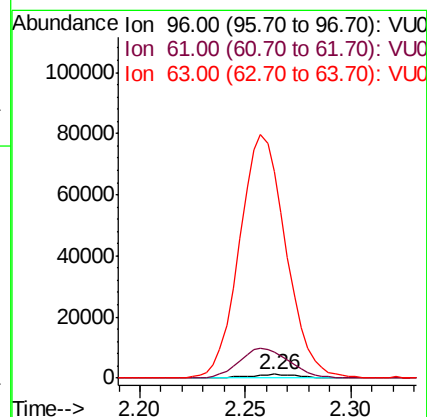
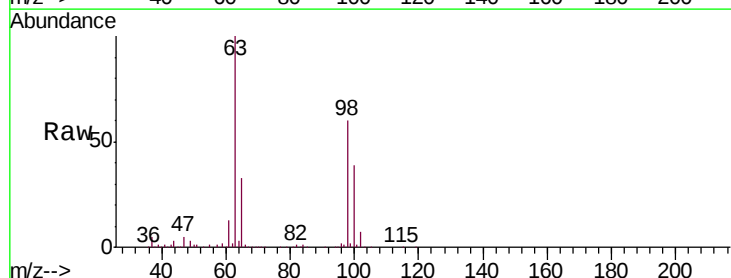
Tgt Ion: 96 Resp: 2107

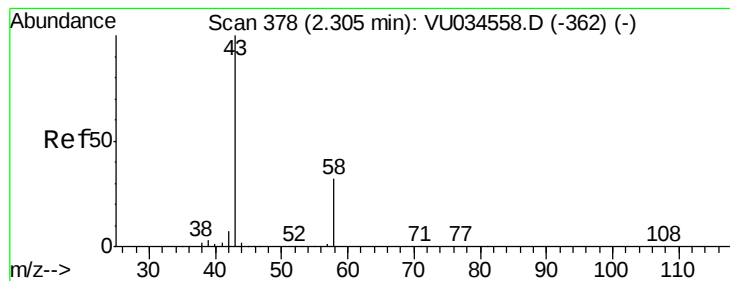
Ion Ratio Lower Upper

96 100

61 706.1 117.8 218.8#

63 5607.3 83.8 155.6#





#13

Acetone

Concen: 1.613 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034566.D

Acq: 16 Sep 2019 15:48

Instrument :

MSVOA_U

ClientSampleId :

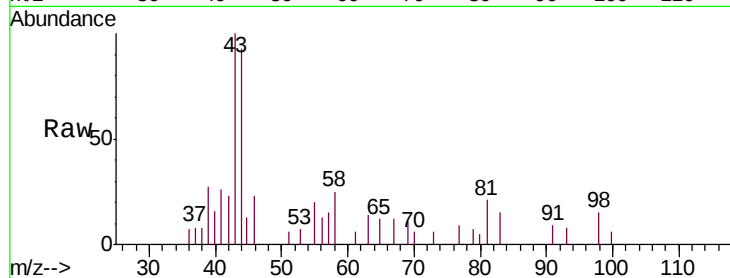
C0MC1

Tgt Ion: 43 Resp: 2576

Ion Ratio Lower Upper

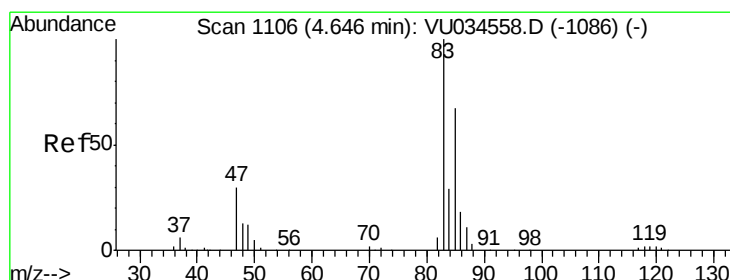
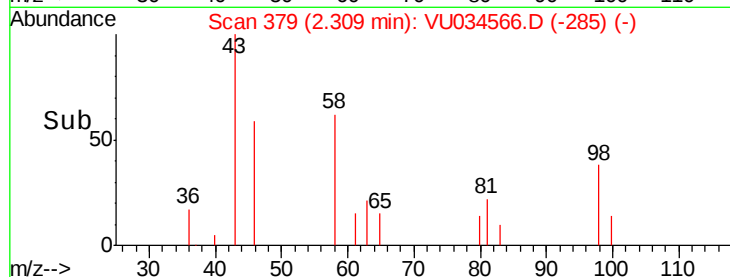
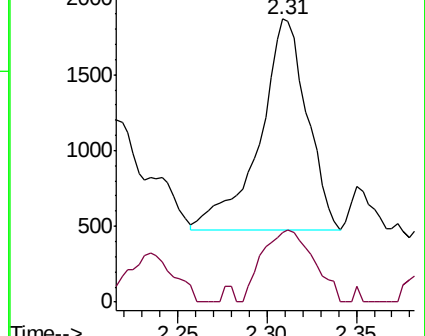
43 100

58 37.3 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU034558.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU034558.D (-362) (-)



#25

Chloroform

Concen: 1.266 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU034566.D

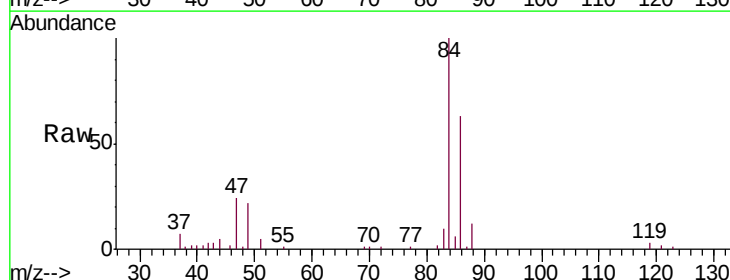
Acq: 16 Sep 2019 15:48

Tgt Ion: 83 Resp: 4954

Ion Ratio Lower Upper

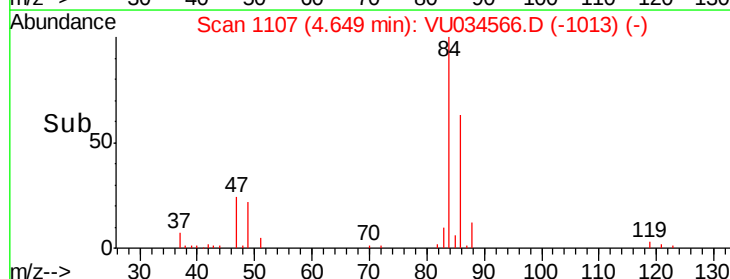
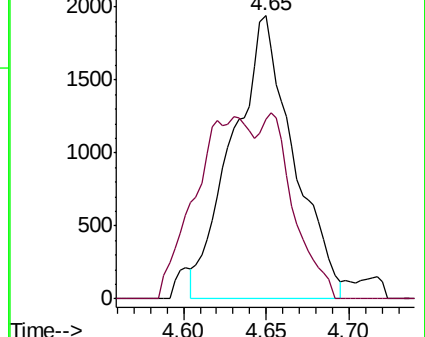
83 100

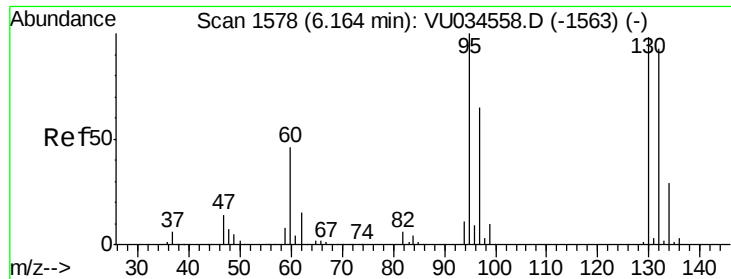
85 63.6 46.6 86.6



Abundance Ion 83.00 (82.70 to 83.70): VU034558.D (-1086) (-)

Ion 85.00 (84.70 to 85.70): VU034558.D (-1086) (-)





#34

Trichloroethene

Concen: 7.048 ug/L

RT: 6.17 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VU034566.D

Acq: 16 Sep 2019 15:48

Instrument :

MSVOA_U

ClientSampleId :

C0MC1

Tgt Ion: 95 Resp: 13292

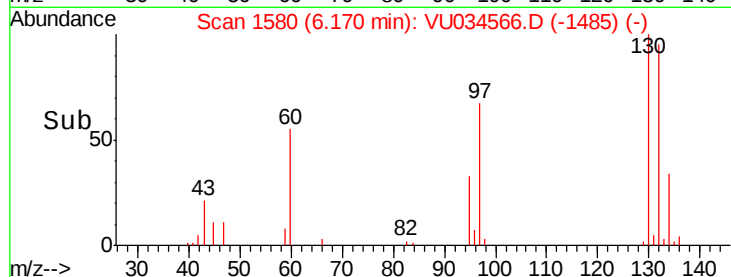
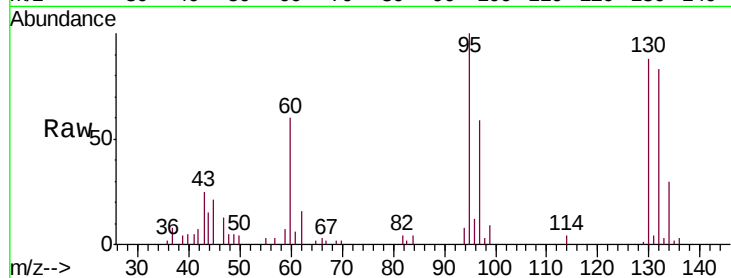
Ion Ratio Lower Upper

95 100

97 59.1 45.4 84.4

132 83.0 65.2 121.0

130 87.8 68.5 127.3



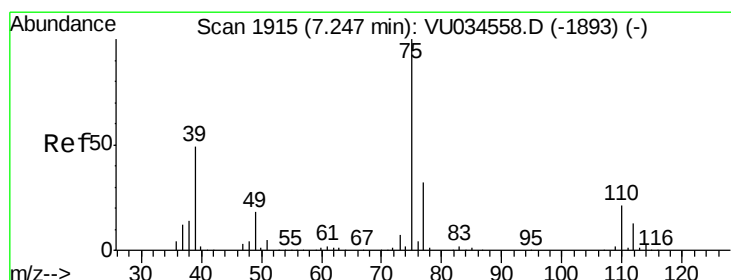
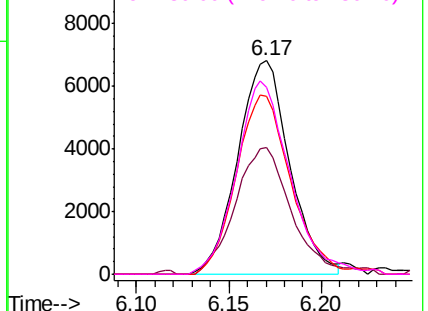
Abundance

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



#39

cis-1,3-Dichloropropene

Concen: 1.254 ug/L

RT: 7.21 min Scan# 1903

Delta R.T. -0.04 min

Lab File: VU034566.D

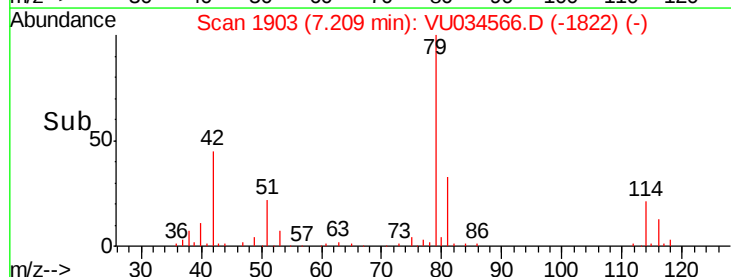
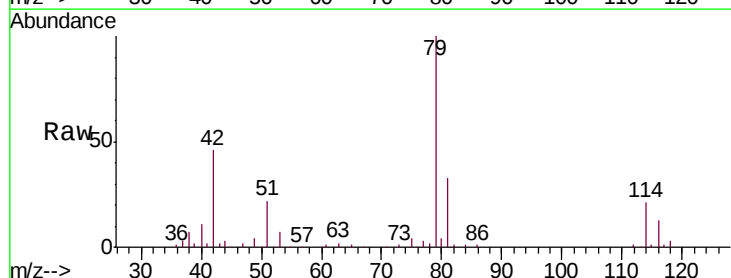
Acq: 16 Sep 2019 15:48

Tgt Ion: 75 Resp: 4330

Ion Ratio Lower Upper

75 100

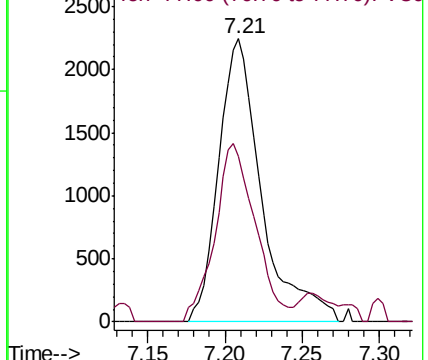
77 58.4 22.3 41.3#

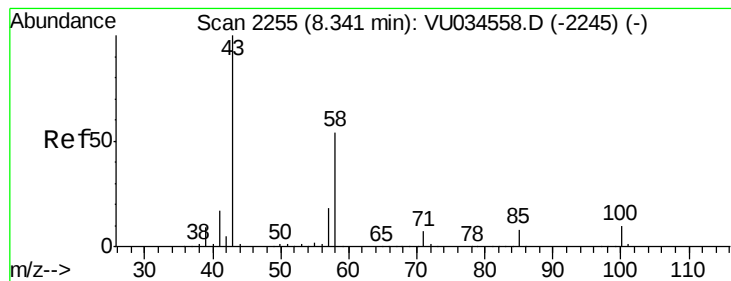


Abundance

Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#48
 2-Hexanone
 Concen: 5.014 ug/L
 RT: 8.29 min Scan# 2239
 Delta R.T. -0.05 min
 Lab File: VU034566.D
 Acq: 16 Sep 2019 15:48

Instrument :
 MSVOA_U
 ClientSampleId :
 C0MC1

Tgt Ion:	43	Resp:	15057
Ion	Ratio	Lower	Upper
43	100		
58	21.6	43.3	64.9#
57	23.0	13.1	19.7#
100	0.0	8.2	12.4#

