

Data File : VU034588.D
Acq On : 17 Sep 2019 01:10
Operator : JC/SP
Sample : K4868-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COMP6

Quant Time: Sep 17 05:05:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 17 05:01:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	249834	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	231293	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	95483	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	62935	52.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.42%
7) Chloroethane-d5	1.67	69	54063	58.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.64%
11) 1,1-Dichloroethene-d2	2.26	63	108853	44.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.28%
21) 2-Butanone-d5	4.15	46	171084	125.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.88%
24) Chloroform-d	4.62	84	154270	56.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.74%
26) 1,2-Dichloroethane-d4	5.29	65	98364	58.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.82%
32) Benzene-d6	5.32	84	296688	58.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.68%
36) 1,2-Dichloropropane-d6	6.31	67	109651	57.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.84%
41) Toluene-d8	7.54	98	279773	56.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.32%
43) trans-1,3-Dichloropropene-	7.83	79	48936	54.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.38%
47) 2-Hexanone-d5	8.29	63	119160	116.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.03%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	167579	56.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.30%
64) 1,2-Dichlorobenzene-d4	11.84	152	99529	58.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.86%

Target Compounds

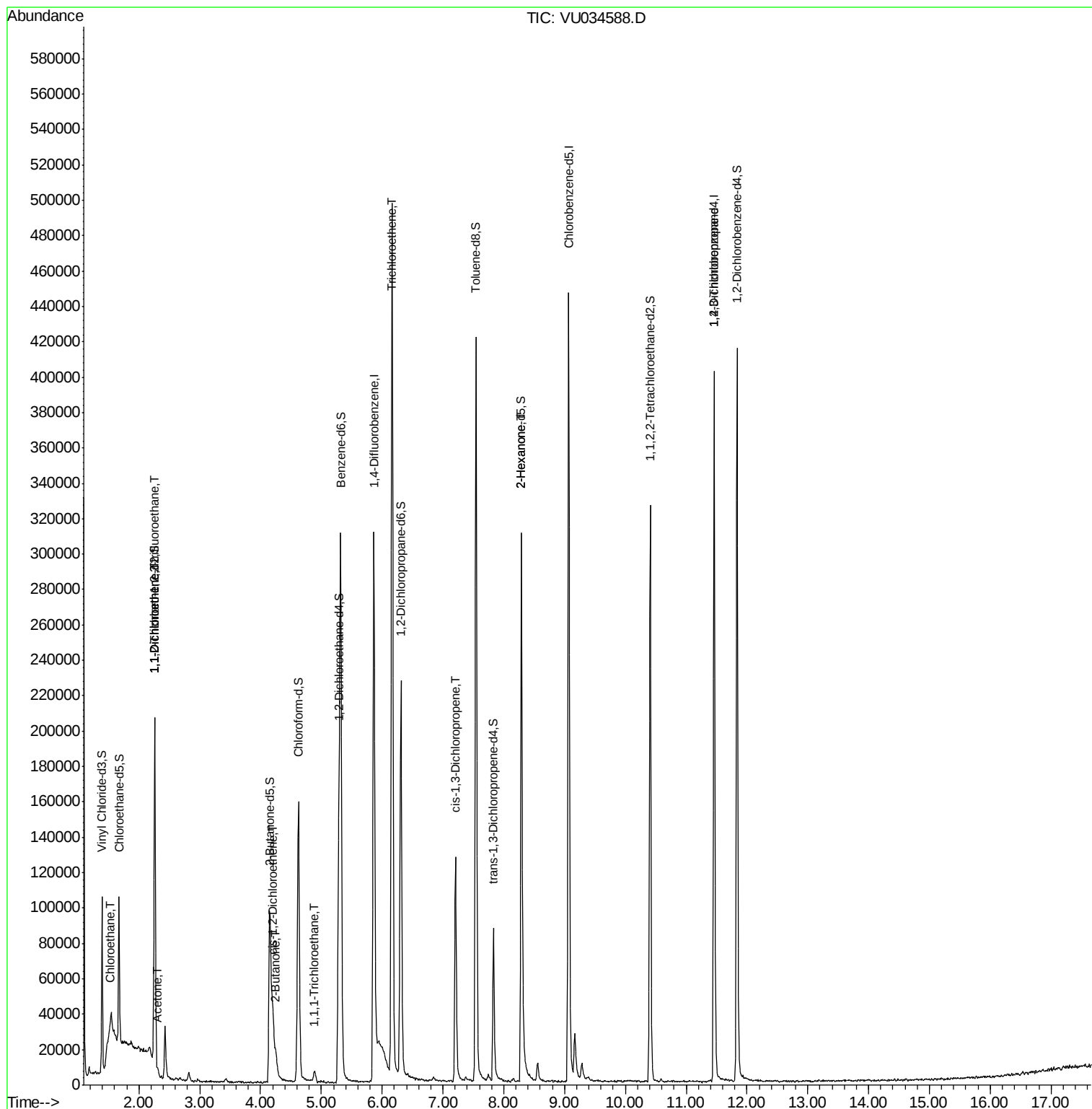
					Qvalue	
8) Chloroethane	1.51	64	30012	33.962	ug/L #	54
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	932	0.717	ug/L #	27
12) 1,1-Dichloroethene	2.27	96	12063	10.159	ug/L #	1
13) Acetone	2.31	43	3230	2.644	ug/L	91
20) cis-1,2-Dichloroethene	4.21	96	17705	10.758	ug/L	98
22) 2-Butanone	4.25	43	26647	17.149	ug/L	79
30) 1,1,1-Trichloroethane	4.89	97	4683	2.026	ug/L	94
34) Trichloroethene	6.16	95	174900	119.674	ug/L	96
39) cis-1,3-Dichloropropene	7.21	75	3459	1.293	ug/L	94
48) 2-Hexanone	8.29	43	14598	6.273	ug/L #	67
59) 1,2,3-Trichloropropane	11.46	75	15228	6.261	ug/L	90

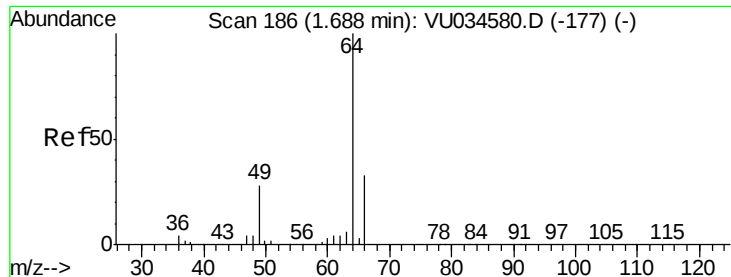
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Sep 17 05:01:24 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 33.962 ug/L

RT: 1.51 min Scan# 131

Delta R.T. -0.18 min

Lab File: VU034588.D

Acq: 17 Sep 2019 01:10

Instrument :

MSVOA_U

ClientSampleId :

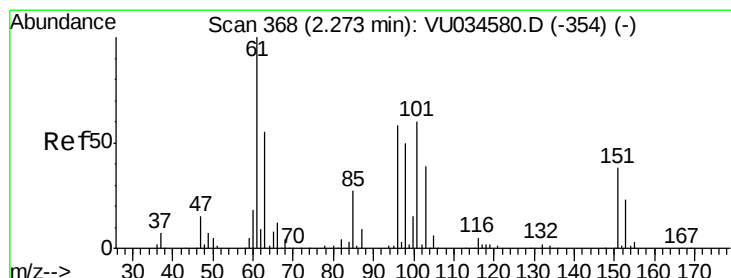
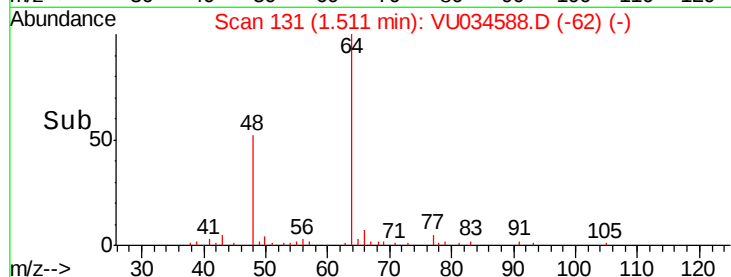
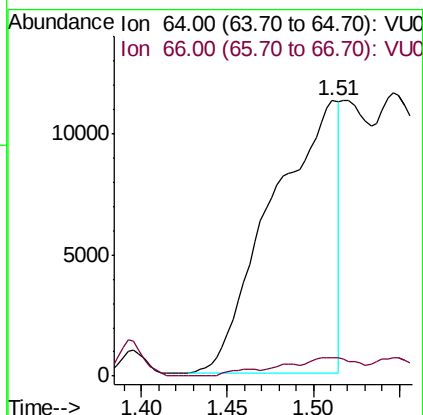
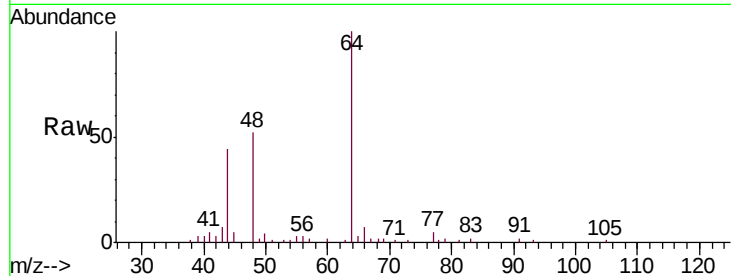
COMP6

Tgt Ion: 64 Resp: 30012

Ion Ratio Lower Upper

64 100

66 6.6 22.7 42.1#



#10

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

Concen: 0.717 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

Lab File: VU034588.D

Acq: 17 Sep 2019 01:10

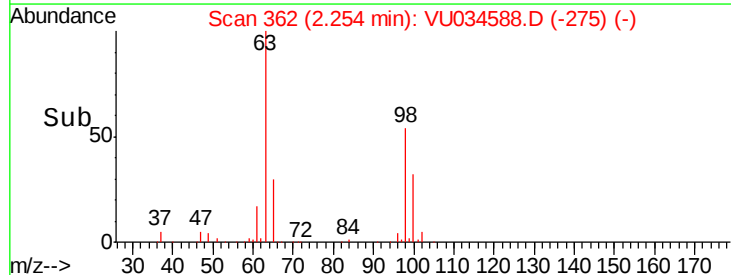
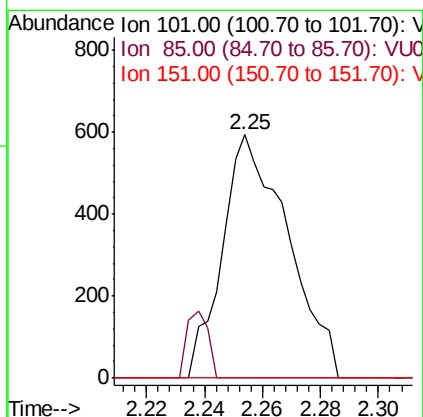
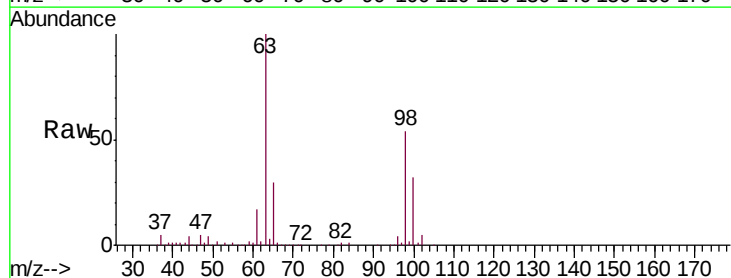
Tgt Ion: 101 Resp: 932

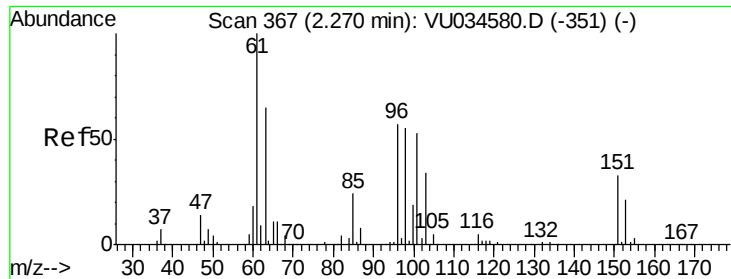
Ion Ratio Lower Upper

101 100

85 8.8 37.0 55.6#

151 0.0 54.1 81.1#

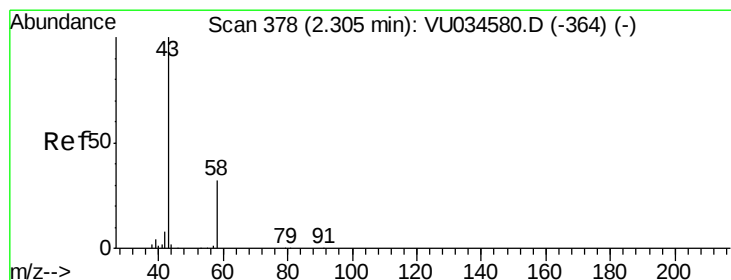
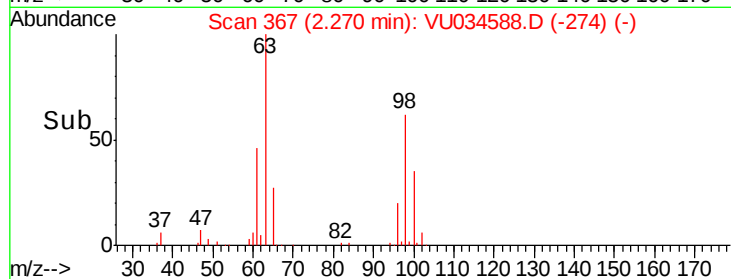
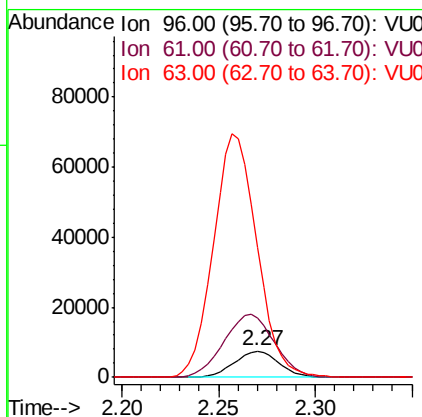
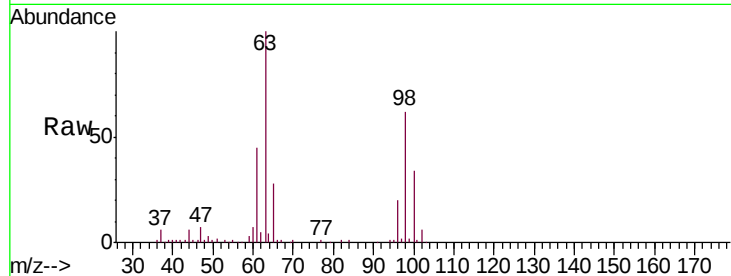




#12
 1,1-Dichloroethene
 Concen: 10.159 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: VU034588.D
 Acq: 17 Sep 2019 01:10

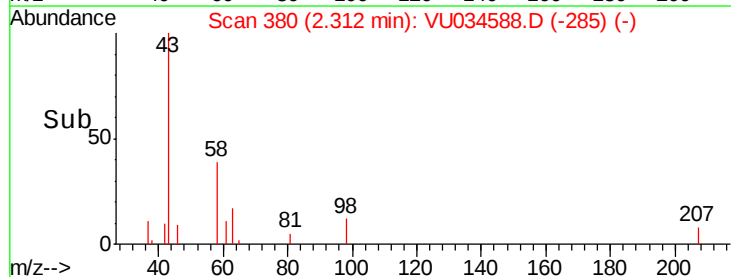
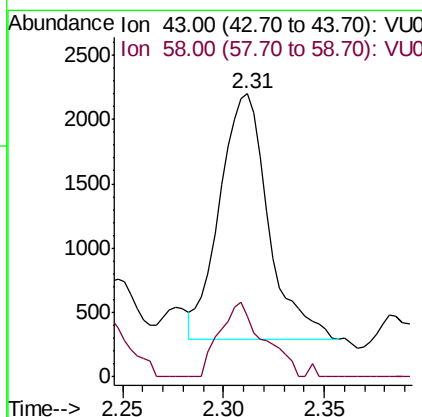
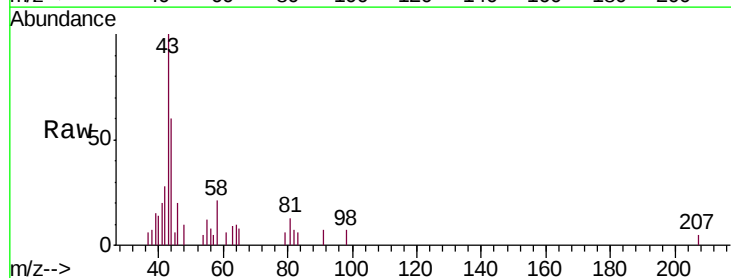
Instrument :
 MSVOA_U
 ClientSampleId :
 COMP6

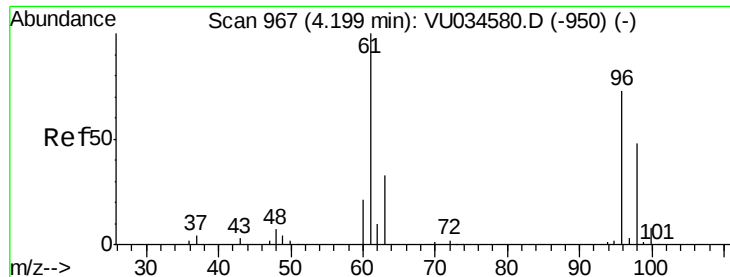
Tgt Ion: 96 Resp: 12063
 Ion Ratio Lower Upper
 96 100
 61 225.7 117.8 218.8#
 63 497.3 83.8 155.6#



#13
 Acetone
 Concen: 2.644 ug/L
 RT: 2.31 min Scan# 380
 Delta R.T. 0.01 min
 Lab File: VU034588.D
 Acq: 17 Sep 2019 01:10

Tgt Ion: 43 Resp: 3230
 Ion Ratio Lower Upper
 43 100
 58 27.4 0.0 65.0

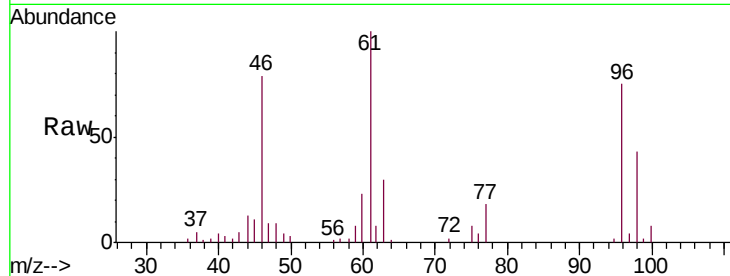




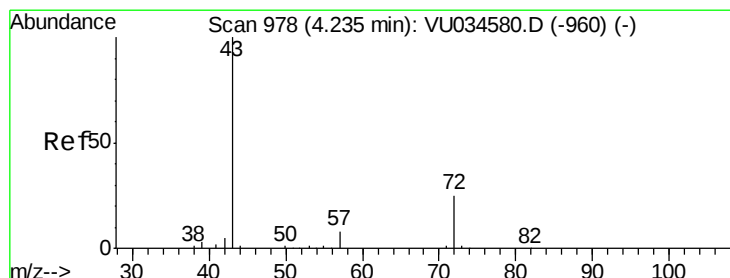
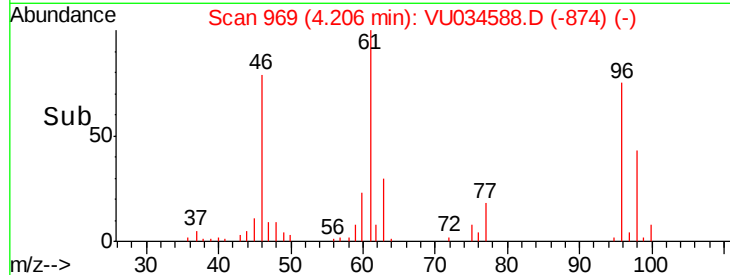
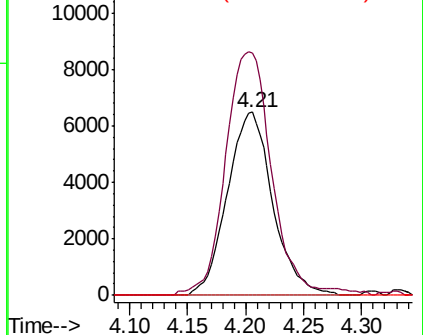
#20
 cis-1,2-Dichloroethene
 Concen: 10.758 ug/L
 RT: 4.21 min Scan# 969
 Delta R.T. 0.01 min
 Lab File: VU034588.D
 Acq: 17 Sep 2019 01:10

Instrument :
 MSVOA_U
 ClientSampleId :
 COMP6

Tgt Ion: 96 Resp: 17705
 Ion Ratio Lower Upper
 96 100
 61 132.7 94.7 175.9
 68 0.0 0.0 0.0

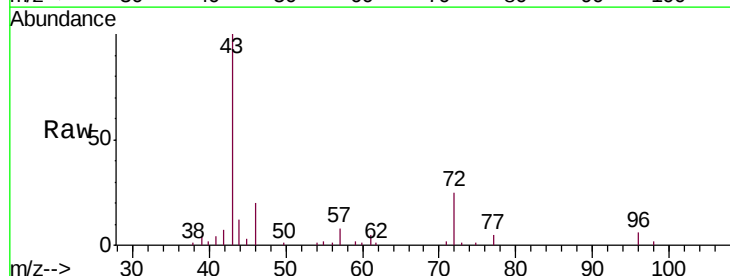


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

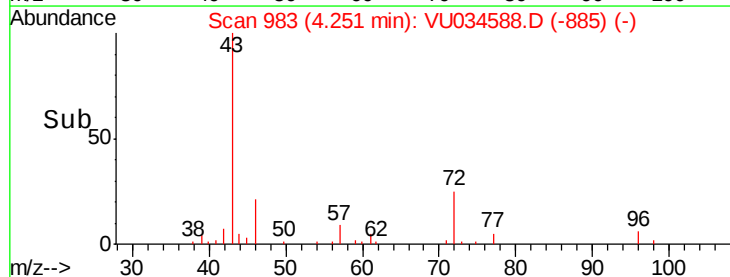
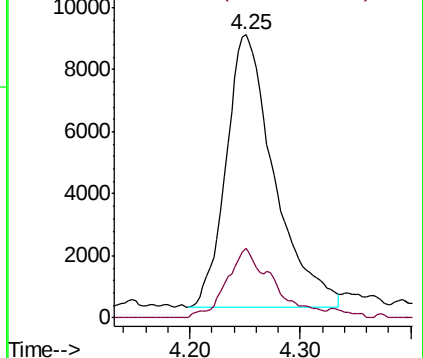


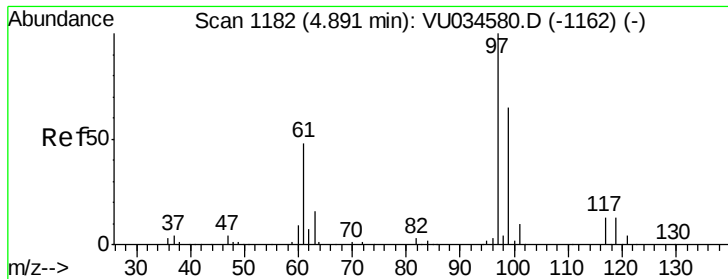
#22
 2-Butanone
 Concen: 17.149 ug/L
 RT: 4.25 min Scan# 983
 Delta R.T. 0.02 min
 Lab File: VU034588.D
 Acq: 17 Sep 2019 01:10

Tgt Ion: 43 Resp: 26647
 Ion Ratio Lower Upper
 43 100
 72 13.7 12.0 36.1



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 72.00 (71.70 to 72.70): VU0





#30

1,1,1-Trichloroethane

Concen: 2.026 ug/L

RT: 4.89 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VU034588.D

Acq: 17 Sep 2019 01:10

Instrument :

MSVOA_U

ClientSampled :

COMP6

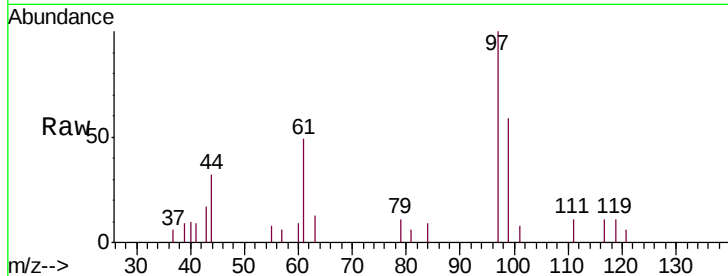
Tgt Ion: 97 Resp: 4683

Ion Ratio Lower Upper

97 100

99 60.1 50.7 76.1

61 52.2 36.9 55.3

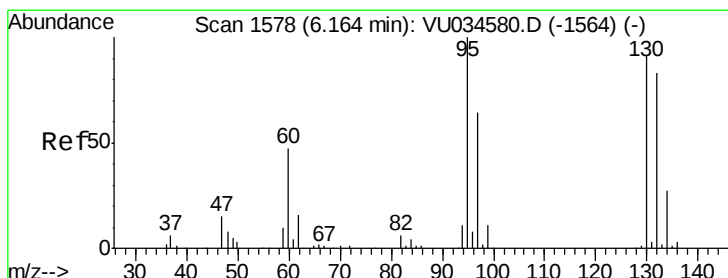
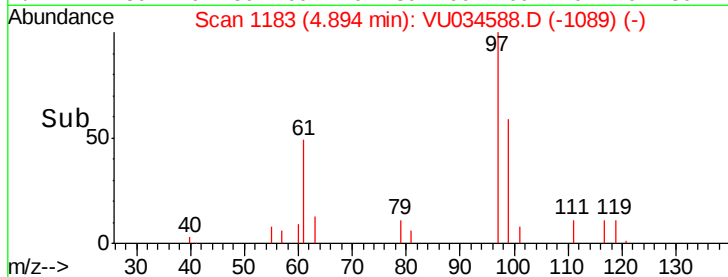
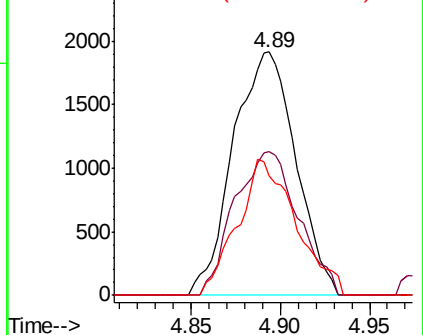


Abundance

Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.05 (60.75 to 61.75): VU0



#34

Trichloroethene

Concen: 119.674 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU034588.D

Acq: 17 Sep 2019 01:10

Tgt Ion: 95 Resp: 174900

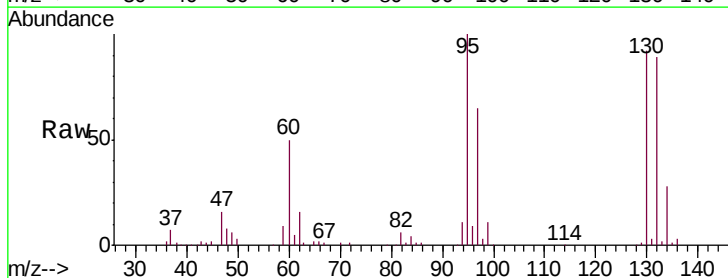
Ion Ratio Lower Upper

95 100

97 65.1 45.4 84.4

132 88.9 65.2 121.0

130 91.7 68.5 127.3



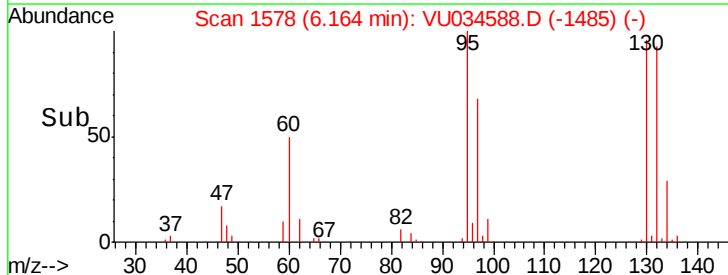
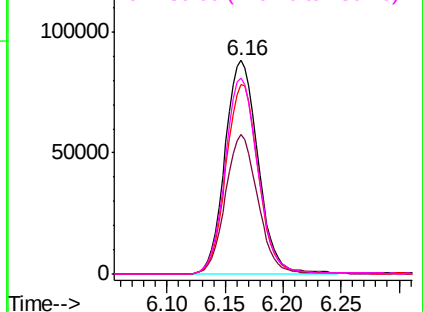
Abundance

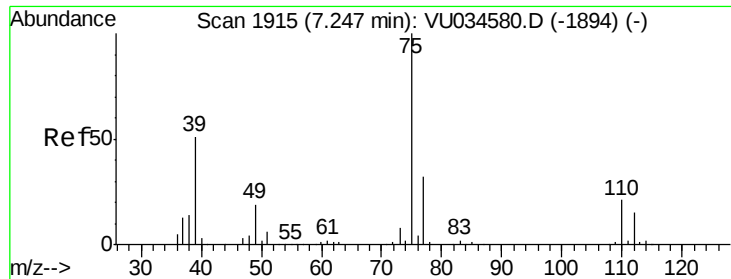
Ion 95.00 (94.70 to 95.70): VU0

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

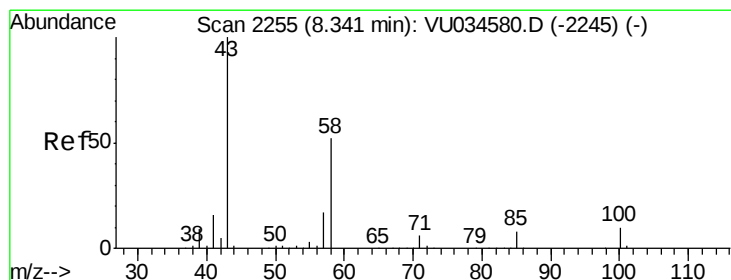
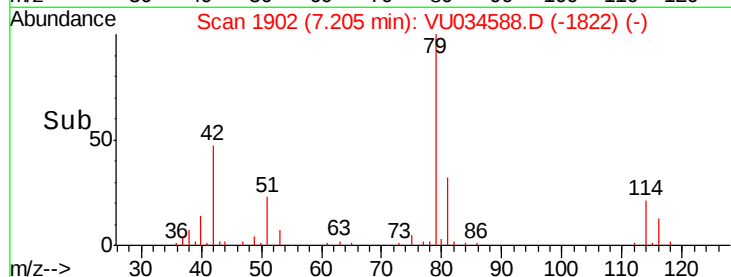
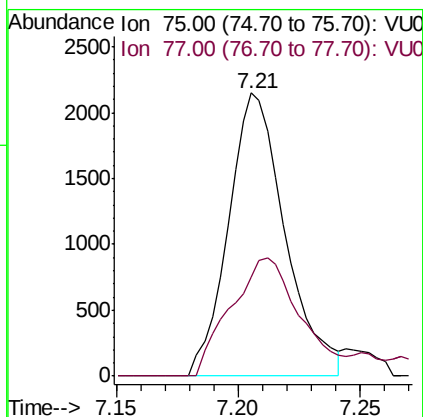
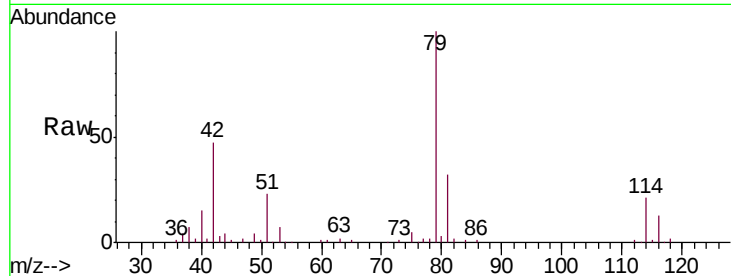




#39
 cis-1,3-Dichloropropene
 Concen: 1.293 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.04 min
 Lab File: VU034588.D
 Acq: 17 Sep 2019 01:10

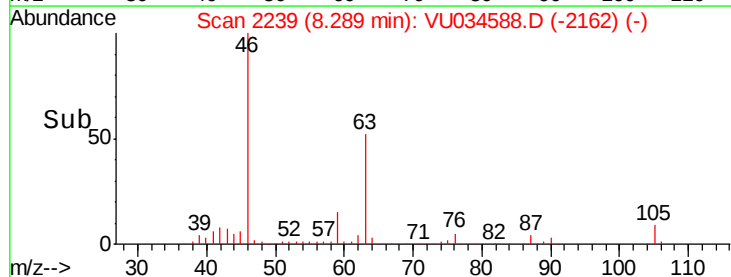
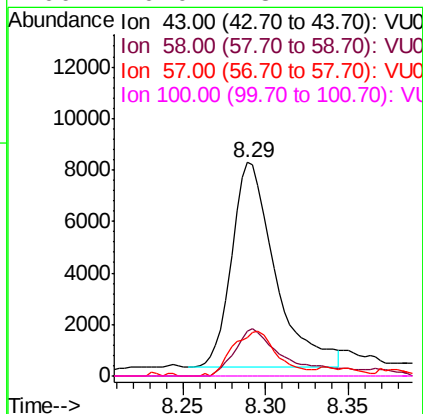
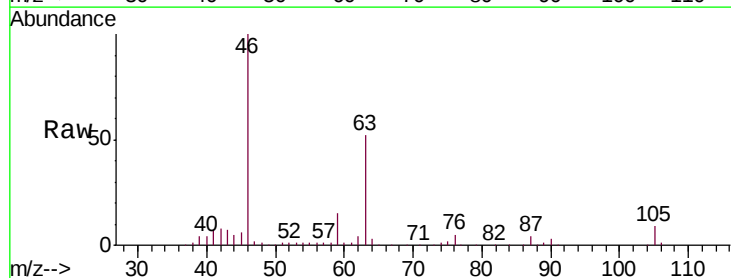
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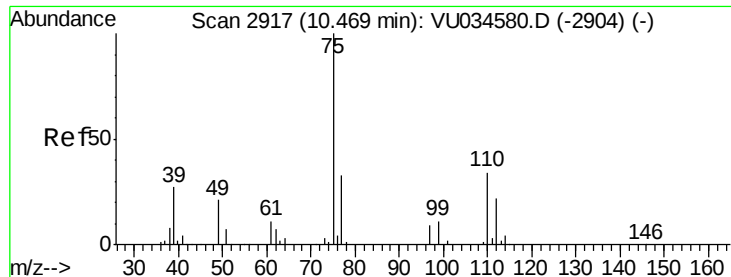
Tgt Ion: 75 Resp: 3459
 Ion Ratio Lower Upper
 75 100
 77 35.2 22.3 41.3



#48
 2-Hexanone
 Concen: 6.273 ug/L
 RT: 8.29 min Scan# 2239
 Delta R.T. -0.05 min
 Lab File: VU034588.D
 Acq: 17 Sep 2019 01:10

Tgt Ion: 43 Resp: 14598
 Ion Ratio Lower Upper
 43 100
 58 25.3 43.3 64.9#
 57 22.1 13.1 19.7#
 100 0.0 8.2 12.4#





#59

1,2,3-Trichloropropane

Concen: 6.261 ug/L

RT: 11.46 min Scan# 3225

Delta R.T. 0.99 min

Lab File: VU034588.D

Acq: 17 Sep 2019 01:10

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ClientSampleId :

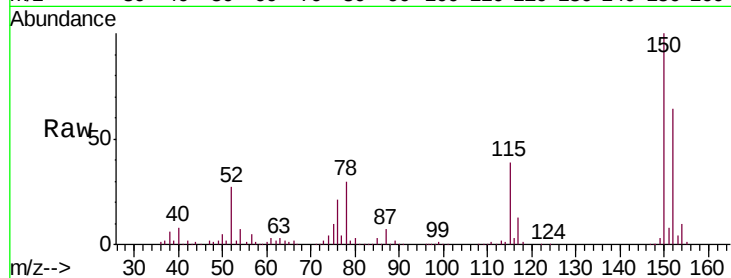
COMP6

Tgt Ion: 75 Resp: 15228

Ion Ratio Lower Upper

75 100

77 38.3 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

