

Data File : VU034593.D
Acq On : 17 Sep 2019 03:07
Operator : JC/SP
Sample : K4838-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COML9

Quant Time: Sep 17 05:06:01 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	264012	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	243578	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	99266	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	59340	46.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.18%
7) Chloroethane-d5	1.67	69	52105	53.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.38%
11) 1,1-Dichloroethene-d2	2.26	63	98834	37.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.84%
21) 2-Butanone-d5	4.15	46	158338	110.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.24%
24) Chloroform-d	4.62	84	151435	52.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.74%
26) 1,2-Dichloroethane-d4	5.29	65	97309	55.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.30%
32) Benzene-d6	5.32	84	285149	53.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.48%
36) 1,2-Dichloropropane-d6	6.31	67	109836	55.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.18%
41) Toluene-d8	7.54	98	272886	52.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.96%
43) trans-1,3-Dichloropropene-	7.83	79	46672	49.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.14%
47) 2-Hexanone-d5	8.29	63	115123	106.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.44%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	163617	52.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.04%
64) 1,2-Dichlorobenzene-d4	11.84	152	96024	54.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.46%

Target Compounds

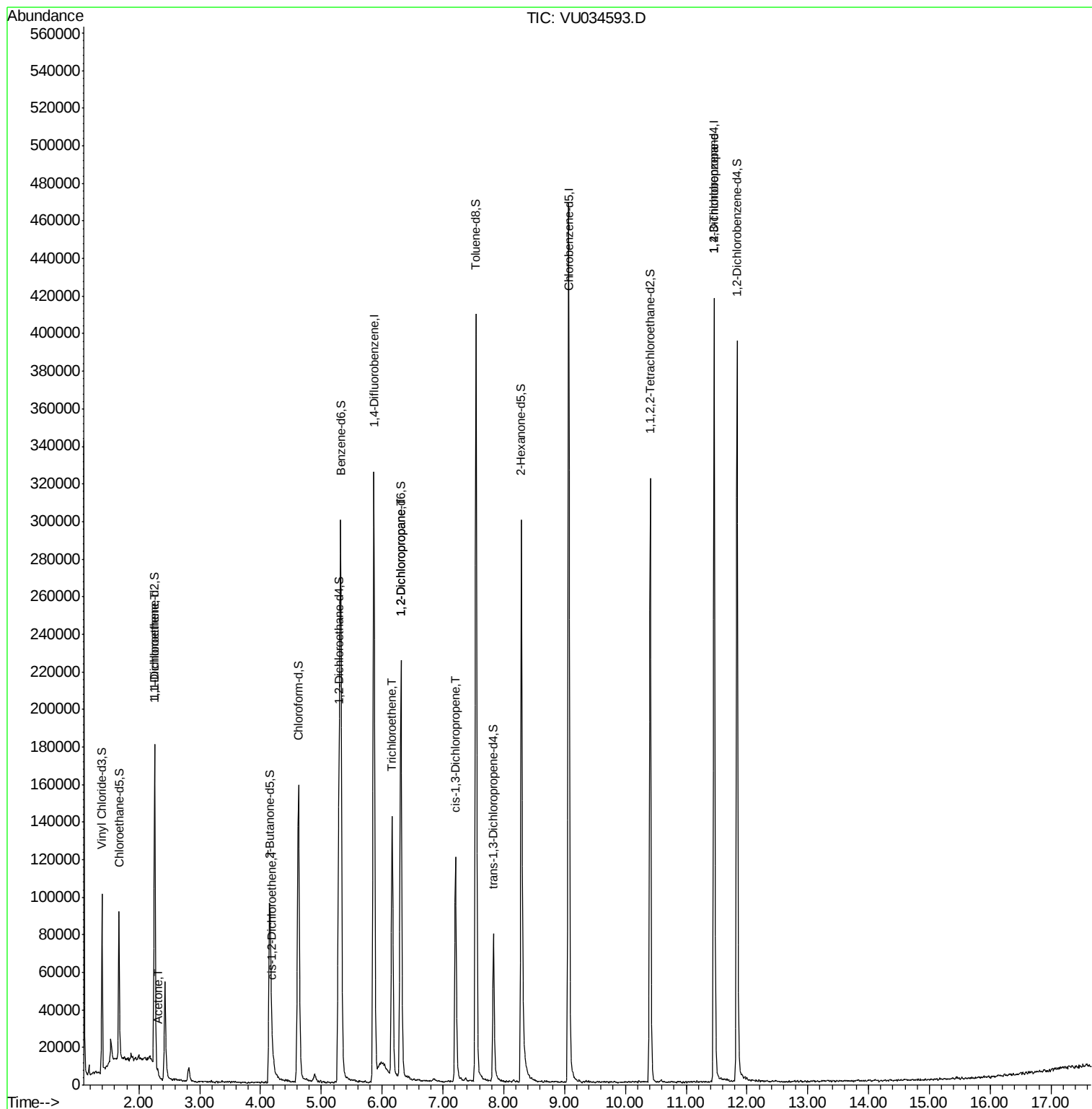
					Qvalue
12) 1,1-Dichloroethene	2.27	96	3861	3.077 ug/L #	1
13) Acetone	2.31	43	2826	2.189 ug/L	79
20) cis-1,2-Dichloroethene	4.20	96	1939	1.115 ug/L	100
34) Trichloroethene	6.16	95	48983	31.826 ug/L	95
37) 1,2-Dichloropropane	6.31	63	12021	6.410 ug/L #	89
39) cis-1,3-Dichloropropene	7.21	75	3375	1.198 ug/L #	67
59) 1,2,3-Trichloropropene	11.46	75	15853	6.189 ug/L	92

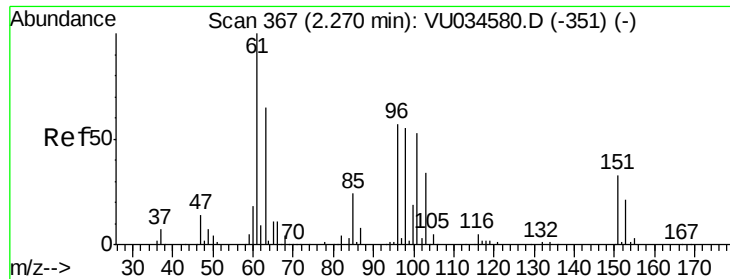
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 3.077 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.00 min

Lab File: VU034593.D

Acq: 17 Sep 2019 03:07

Instrument :

MSVOA_U

ClientSampleId :

COML9

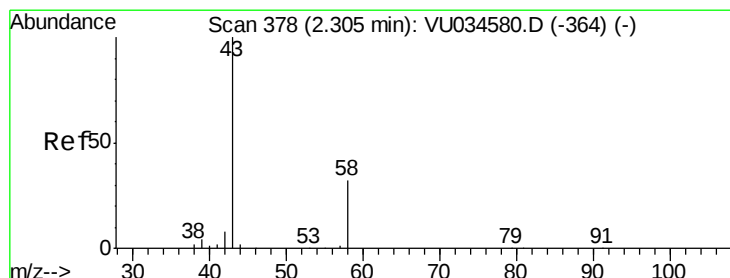
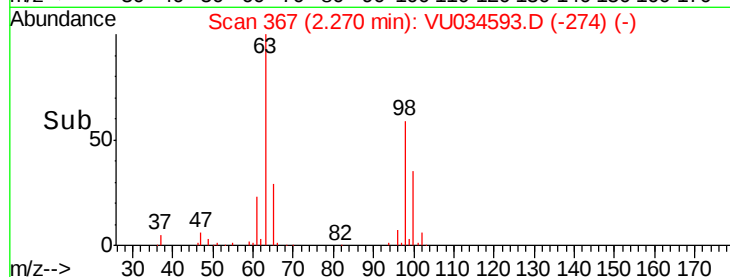
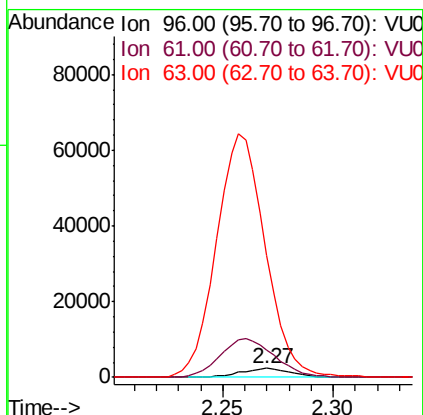
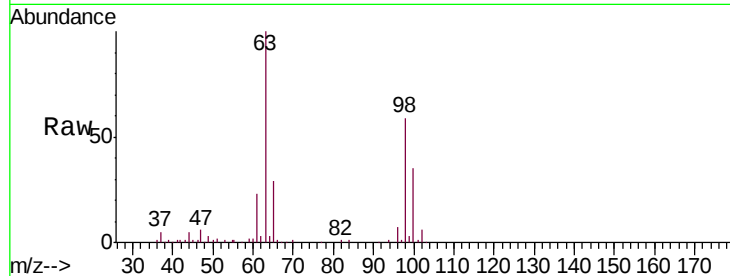
Tgt Ion: 96 Resp: 3861

Ion Ratio Lower Upper

96 100

61 310.8 117.8 218.8#

63 1366.7 83.8 155.6#



#13

Acetone

Concen: 2.189 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.01 min

Lab File: VU034593.D

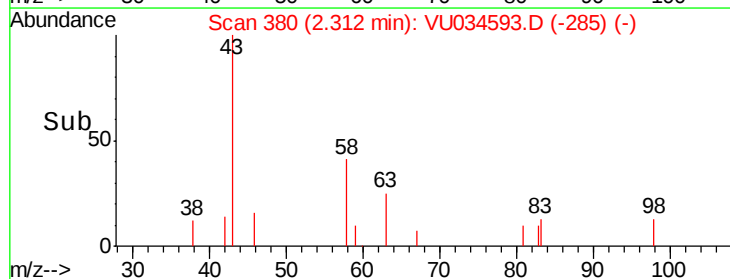
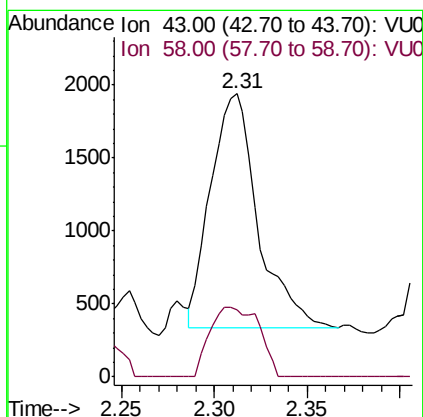
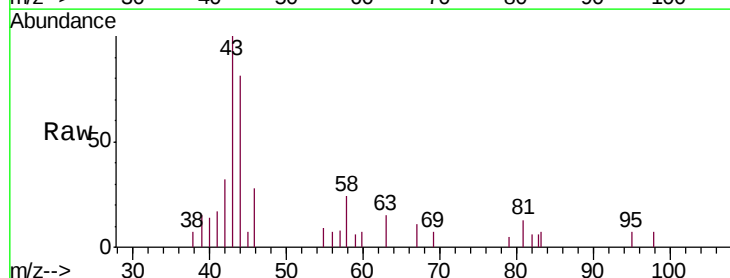
Acq: 17 Sep 2019 03:07

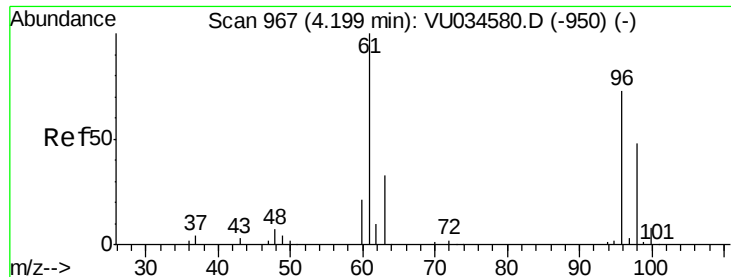
Tgt Ion: 43 Resp: 2826

Ion Ratio Lower Upper

43 100

58 20.7 0.0 65.0

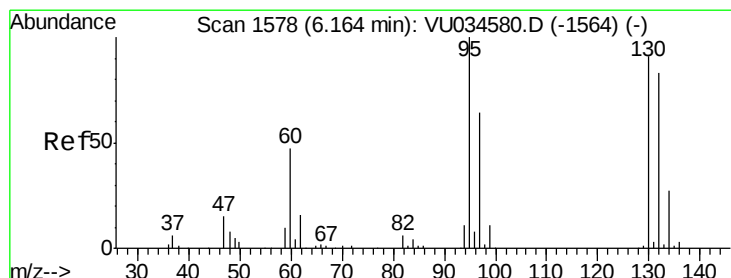
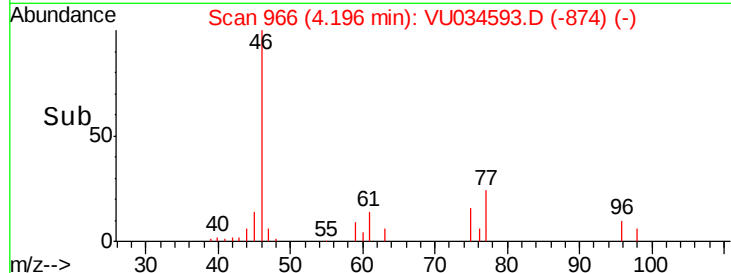
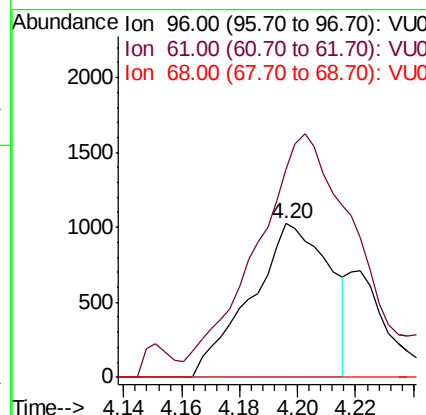
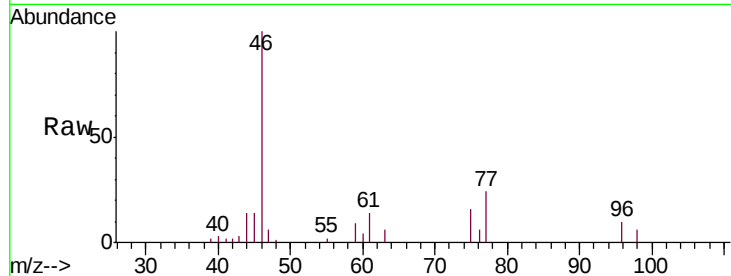




#20
 cis-1,2-Dichloroethene
 Concen: 1.115 ug/L
 RT: 4.20 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VU034593.D
 Acq: 17 Sep 2019 03:07

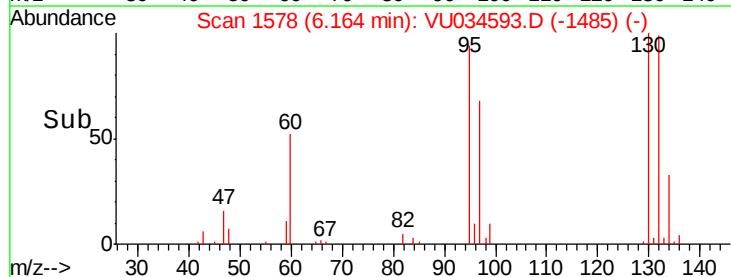
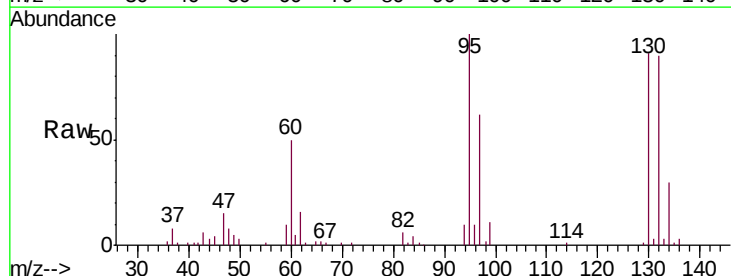
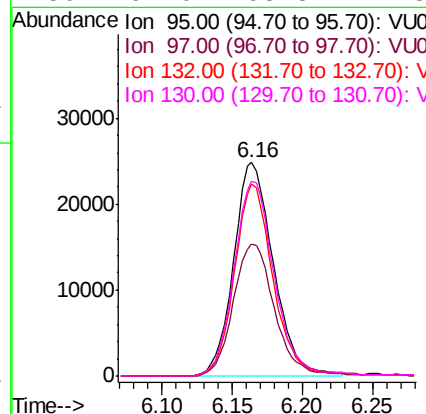
Instrument :
 MSVOA_U
 ClientSampleId :
 COML9

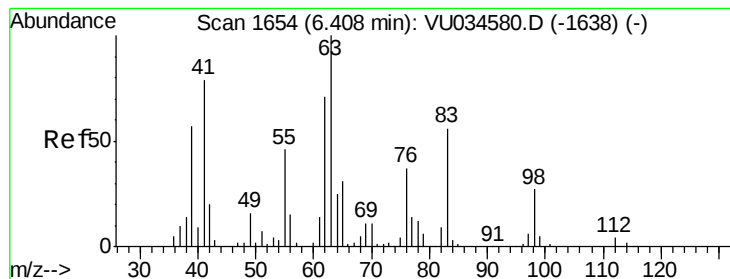
Tgt Ion: 96 Resp: 1939
 Ion Ratio Lower Upper
 96 100
 61 135.5 94.7 175.9
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 31.826 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VU034593.D
 Acq: 17 Sep 2019 03:07

Tgt Ion: 95 Resp: 48983
 Ion Ratio Lower Upper
 95 100
 97 61.8 45.4 84.4
 132 89.9 65.2 121.0
 130 91.0 68.5 127.3





#37

1,2-Dichloropropane

Concen: 6.410 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU034593.D

Acq: 17 Sep 2019 03:07

Instrument :

MSVOA_U

ClientSampleId :

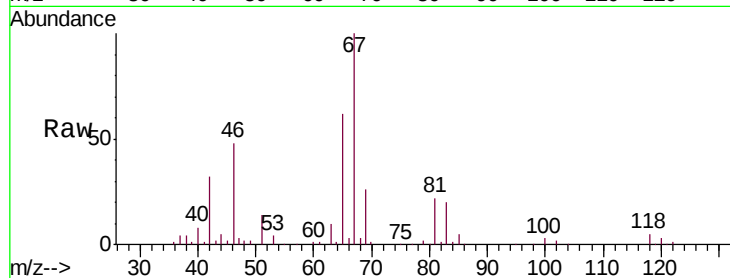
COML9

Tgt Ion: 63 Resp: 12021

Ion Ratio Lower Upper

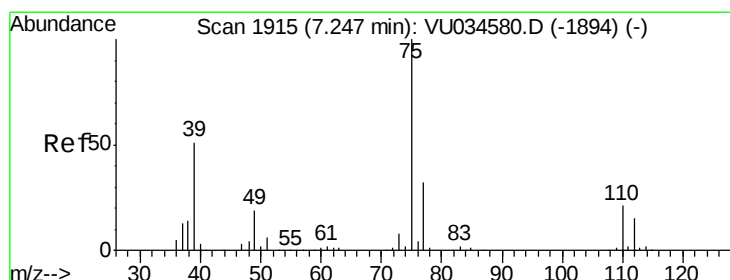
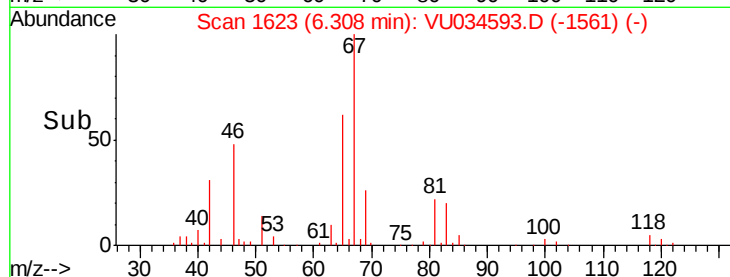
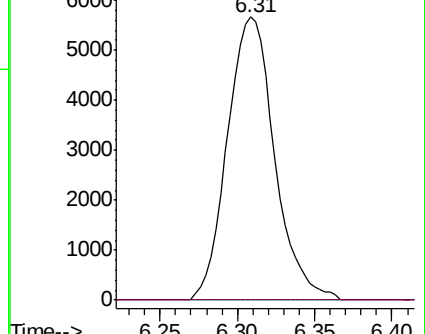
63 100

112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VU034580.D (-1638) (-)

Ion 112.00 (111.70 to 112.70): VU034580.D (-1638) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.198 ug/L

RT: 7.21 min Scan# 1903

Delta R.T. -0.04 min

Lab File: VU034593.D

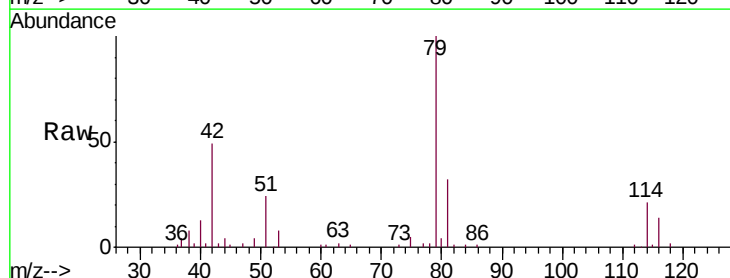
Acq: 17 Sep 2019 03:07

Tgt Ion: 75 Resp: 3375

Ion Ratio Lower Upper

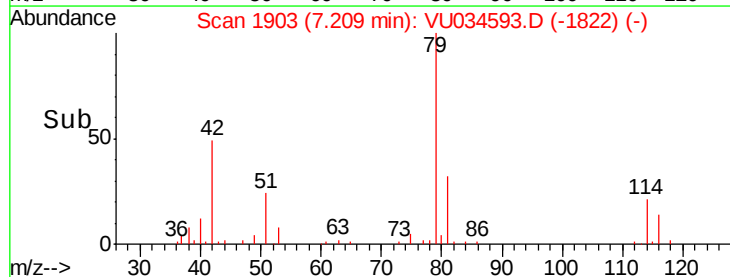
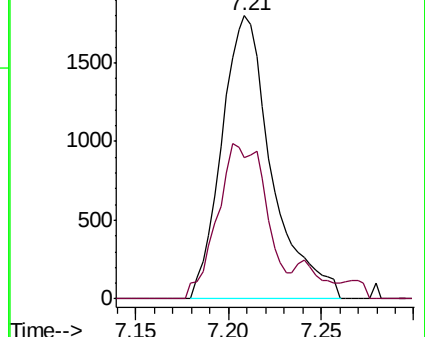
75 100

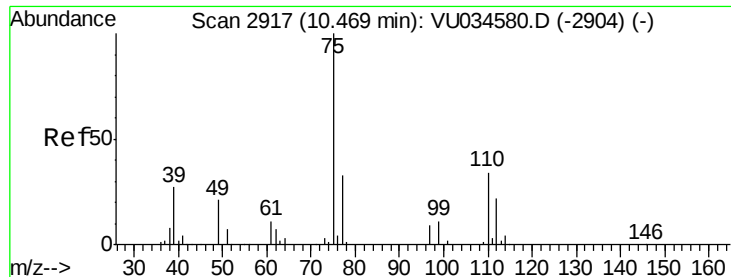
77 50.0 22.3 41.3#



Abundance Ion 75.00 (74.70 to 75.70): VU034580.D (-1894) (-)

Ion 77.00 (76.70 to 77.70): VU034580.D (-1894) (-)





#59

1,2,3-Trichloropropane

Concen: 6.189 ug/L

RT: 11.46 min Scan# 3225

Delta R.T. 0.99 min

Lab File: VU034593.D

Acq: 17 Sep 2019 03:07

Instrument :

MSVOA_U

ClientSampleId :

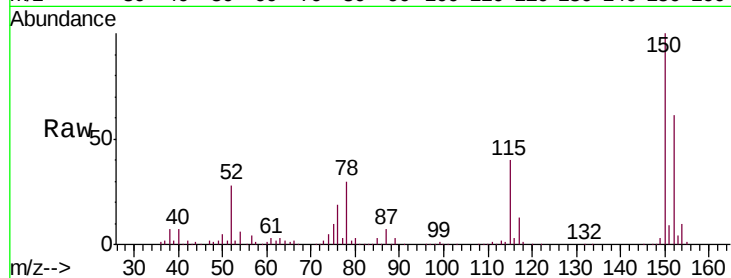
COML9

Tgt Ion: 75 Resp: 15853

Ion Ratio Lower Upper

75 100

77 37.2 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

