

Data File : VU034584.D
Acq On : 16 Sep 2019 23:36
Operator : JC/SP
Sample : K4868-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COMN7

Quant Time: Sep 17 05:04:27 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	281822	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	255975	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	104252	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	65333	48.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.10%
7) Chloroethane-d5	1.67	69	55309	52.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.78%
11) 1,1-Dichloroethene-d2	2.26	63	104895	37.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.40%
21) 2-Butanone-d5	4.15	46	171062	111.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.58%
24) Chloroform-d	4.62	84	156144	50.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.16%
26) 1,2-Dichloroethane-d4	5.29	65	99996	53.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.18%
32) Benzene-d6	5.32	84	298968	53.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.24%
36) 1,2-Dichloropropane-d6	6.31	67	113920	54.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.74%
41) Toluene-d8	7.54	98	285982	52.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.66%
43) trans-1,3-Dichloropropene-	7.83	79	50395	50.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.84%
47) 2-Hexanone-d5	8.29	63	120602	106.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.11%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	170485	52.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.16%
64) 1,2-Dichlorobenzene-d4	11.84	152	100543	54.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.12%

Target Compounds

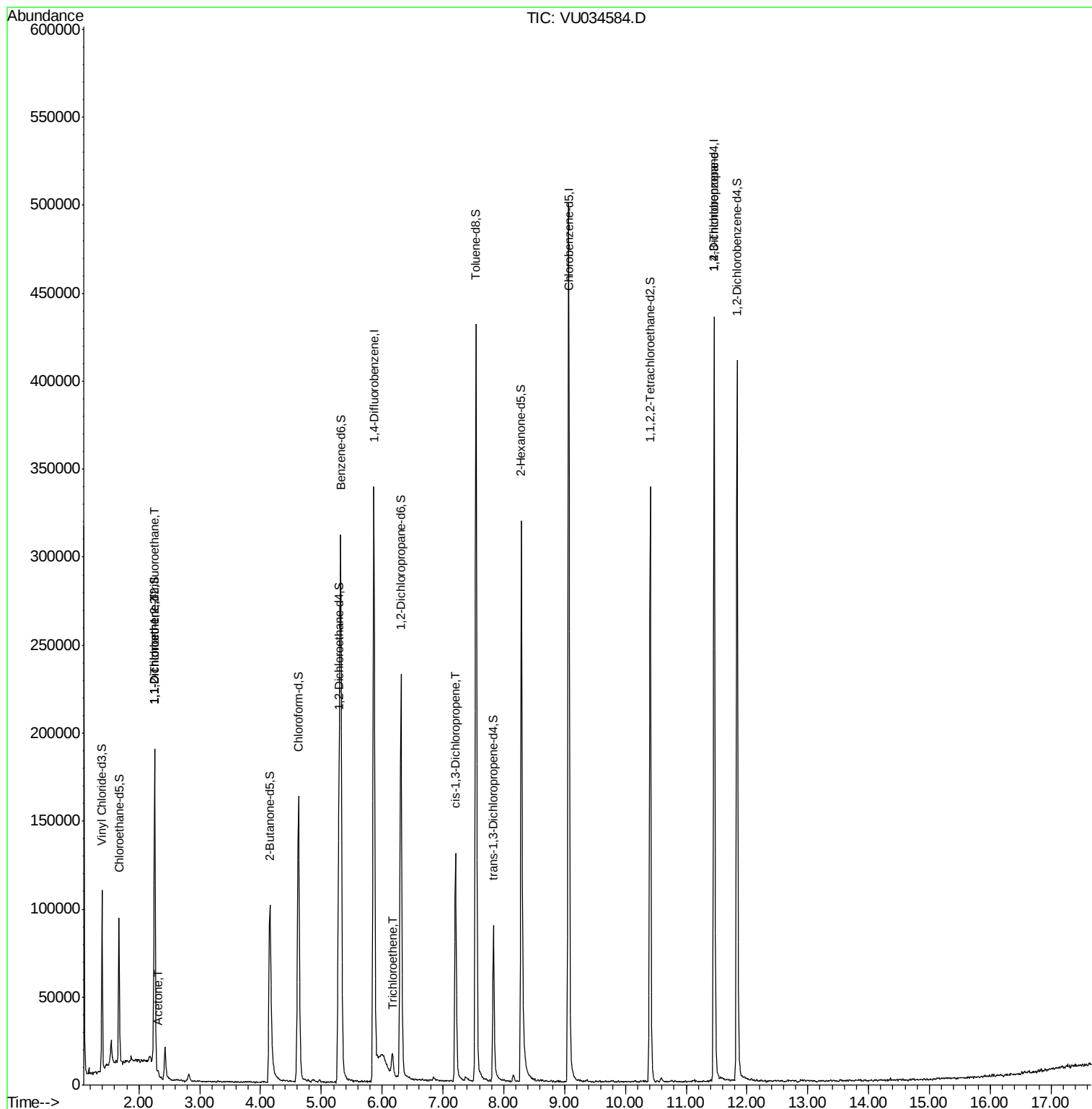
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1049	0.715 ug/L #	24
12) 1,1-Dichloroethene	2.27	96	1187	0.886 ug/L #	1
13) Acetone	2.31	43	2169	1.574 ug/L	73
34) Trichloroethene	6.17	95	4772	2.950 ug/L	86
39) cis-1,3-Dichloropropene	7.21	75	3428	1.158 ug/L #	75
59) 1,2,3-Trichloropropane	11.46	75	17659	6.560 ug/L	100

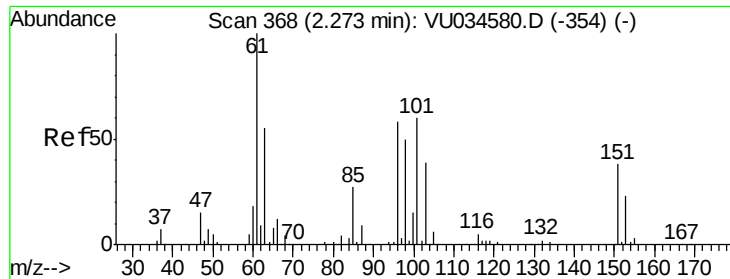
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.715 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

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Acq: 16 Sep 2019 23:36

Instrument :

MSVOA_U

ClientSampleId :

COMN7

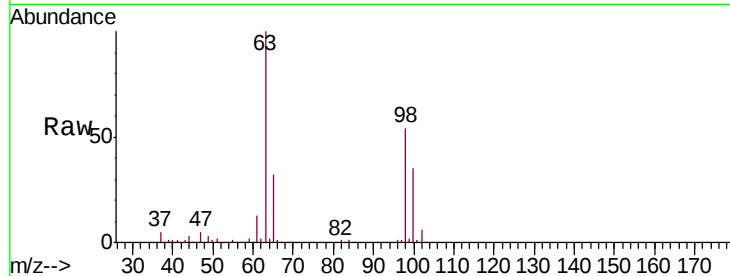
Tgt Ion: 101 Resp: 1049

Ion Ratio Lower Upper

101 100

85 3.7 37.0 55.6#

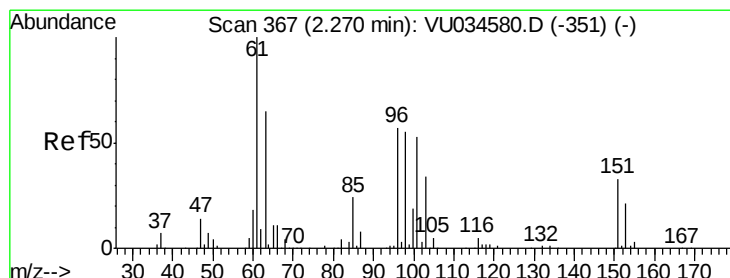
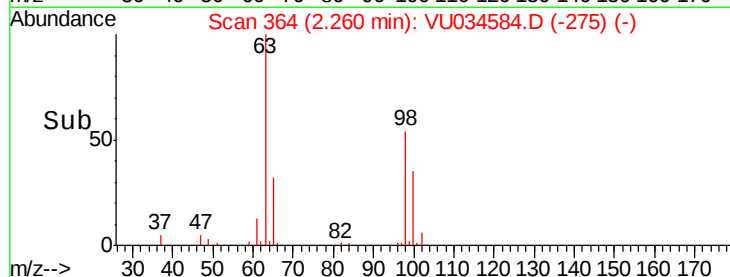
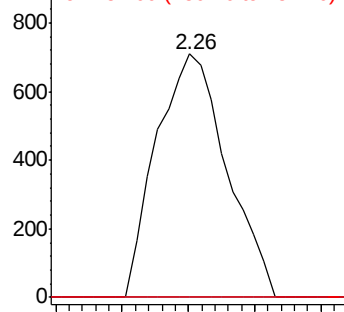
151 0.0 54.1 81.1#



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: 0.886 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.00 min

Lab File: VU034584.D

Acq: 16 Sep 2019 23:36

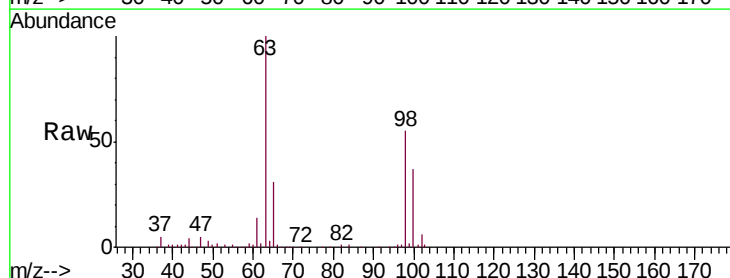
Tgt Ion: 96 Resp: 1187

Ion Ratio Lower Upper

96 100

61 989.3 117.8 218.8#

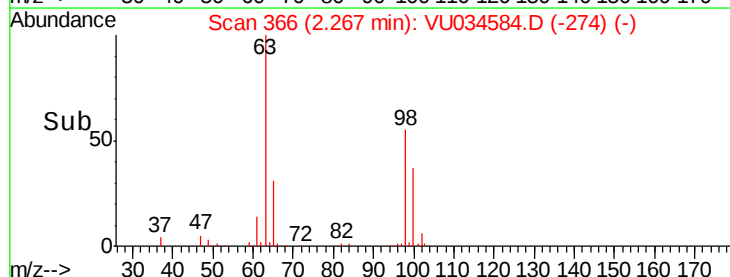
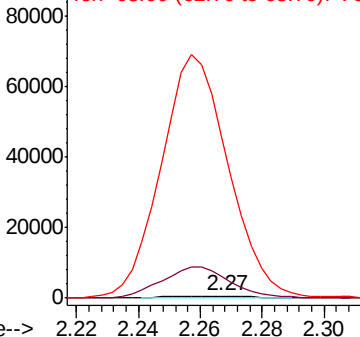
63 7291.7 83.8 155.6#

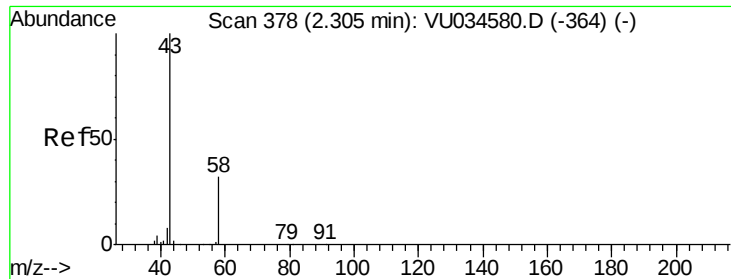


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.574 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.01 min

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ClientSampleId :

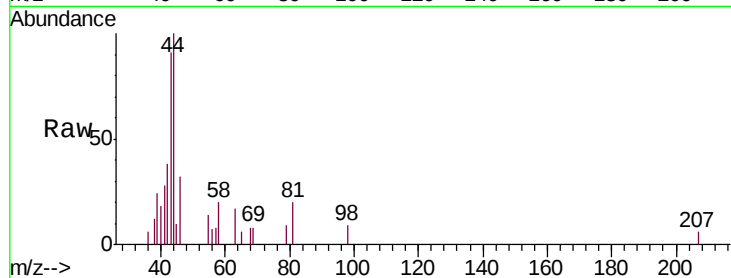
COMN7

Tgt Ion: 43 Resp: 2169

Ion Ratio Lower Upper

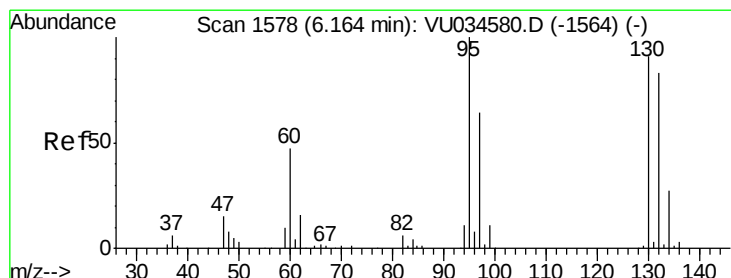
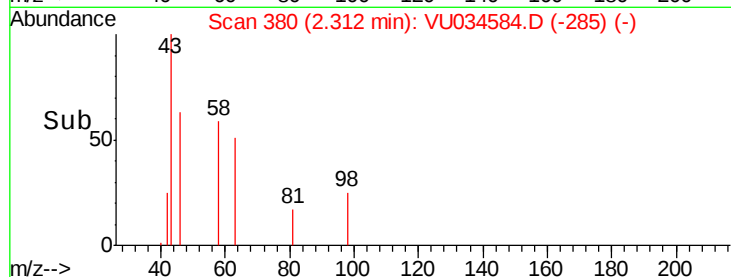
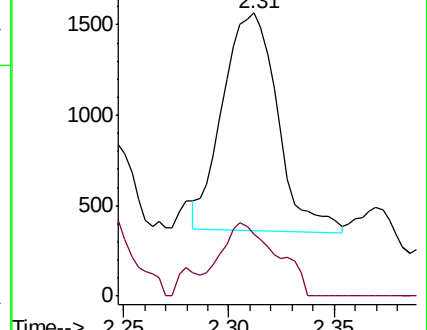
43 100

58 17.6 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU034580.D (-364) (-)

Ion 58.00 (57.70 to 58.70): VU034580.D (-364) (-)



#34

Trichloroethene

Concen: 2.950 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU034584.D

Acq: 16 Sep 2019 23:36

Tgt Ion: 95 Resp: 4772

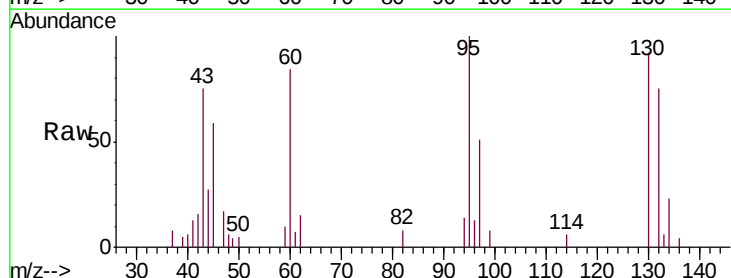
Ion Ratio Lower Upper

95 100

97 50.7 45.4 84.4

132 75.3 65.2 121.0

130 91.8 68.5 127.3

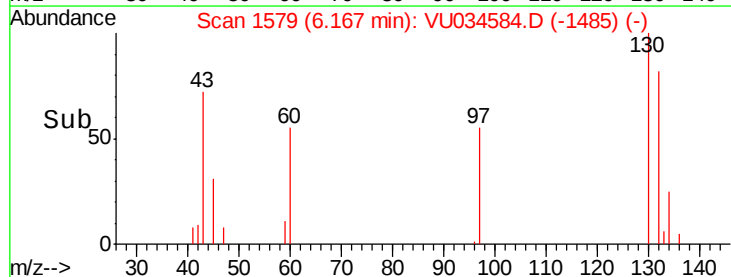
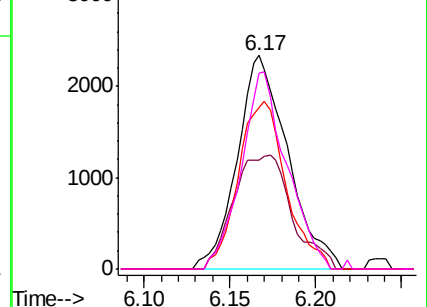


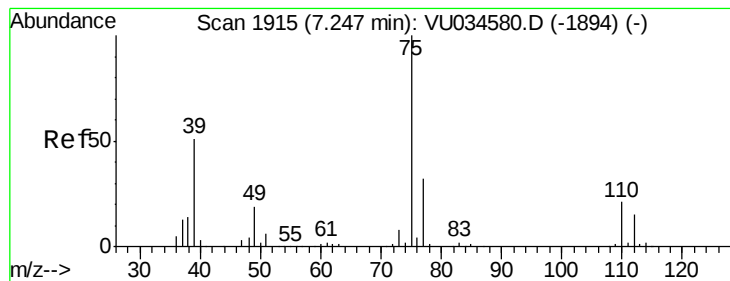
Abundance Ion 95.00 (94.70 to 95.70): VU034580.D (-1564) (-)

Ion 97.00 (96.70 to 97.70): VU034580.D (-1564) (-)

Ion 132.00 (131.70 to 132.70): VU034580.D (-1564) (-)

Ion 130.00 (129.70 to 130.70): VU034580.D (-1564) (-)



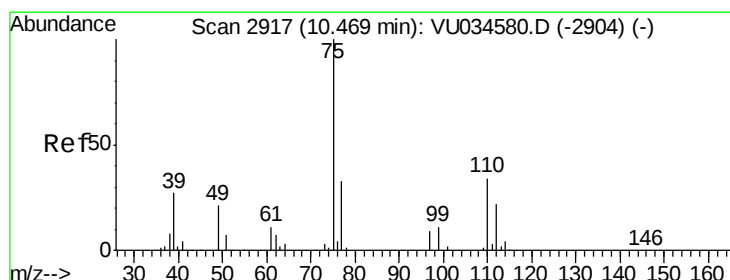
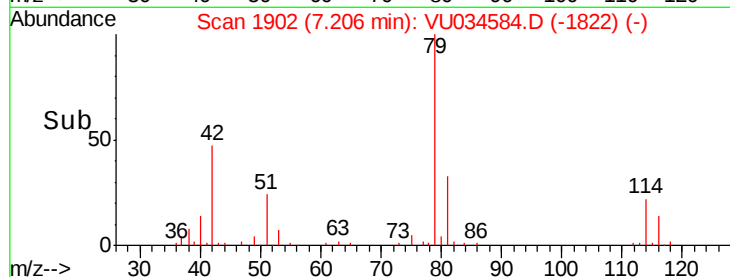
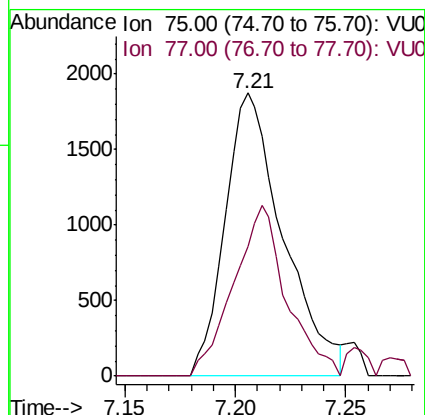
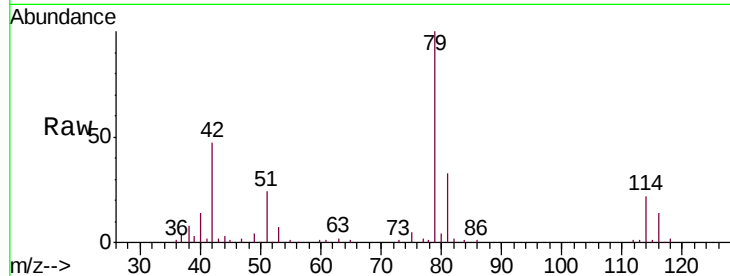


#39

cis-1,3-Dichloropropene
 Concen: 1.158 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.04 min
 Lab File: VU034584.D
 Acq: 16 Sep 2019 23:36

Instrument :
 MSVOA_U
 ClientSampleId :
 COMN7

Tgt Ion: 75 Resp: 3428
 Ion Ratio Lower Upper
 75 100
 77 45.9 22.3 41.3#



#59

1,2,3-Trichloropropane
 Concen: 6.560 ug/L
 RT: 11.46 min Scan# 3225
 Delta R.T. 0.99 min
 Lab File: VU034584.D
 Acq: 16 Sep 2019 23:36

Tgt Ion: 75 Resp: 17659
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.1 39.1

