

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091619\
 Data File : VU034590.D
 Acq On : 17 Sep 2019 01:57
 Operator : JC/SP
 Sample : K4838-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COME9

Manual Integrations
 APPROVED

MMDadoda
 9/17/2019 12:01:39 PM

Quant Time: Sep 17 05:30:41 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	269641	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	247055	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	101020	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	60555	46.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.10%
7) Chloroethane-d5	1.67	69	51100	51.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.14%
11) 1,1-Dichloroethene-d2	2.26	63	128446	48.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.52%
21) 2-Butanone-d5	4.15	46	163021	111.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.13%
24) Chloroform-d	4.62	84	148726	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.72%
26) 1,2-Dichloroethane-d4	5.29	65	96161	53.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.72%
32) Benzene-d6	5.32	84	285376	52.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.06%
36) 1,2-Dichloropropane-d6	6.31	67	109100	53.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.90%
41) Toluene-d8	7.54	98	269963	51.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.38%
43) trans-1,3-Dichloropropene-	7.83	79	49323	51.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.26%
47) 2-Hexanone-d5	8.29	63	115533	105.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.32%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	161788	51.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	95861	53.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.38%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.27	96	50302	39.250 ug/L	81
19) 1,1-Dichloroethane	3.42	63	4944m	1.601 ug/L	
20) cis-1,2-Dichloroethene	4.20	96	64901	36.537 ug/L	95
30) 1,1,1-Trichloroethane	4.89	97	83255	33.724 ug/L	99
34) Trichloroethene	6.16	95	940094	602.213 ug/L	94

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

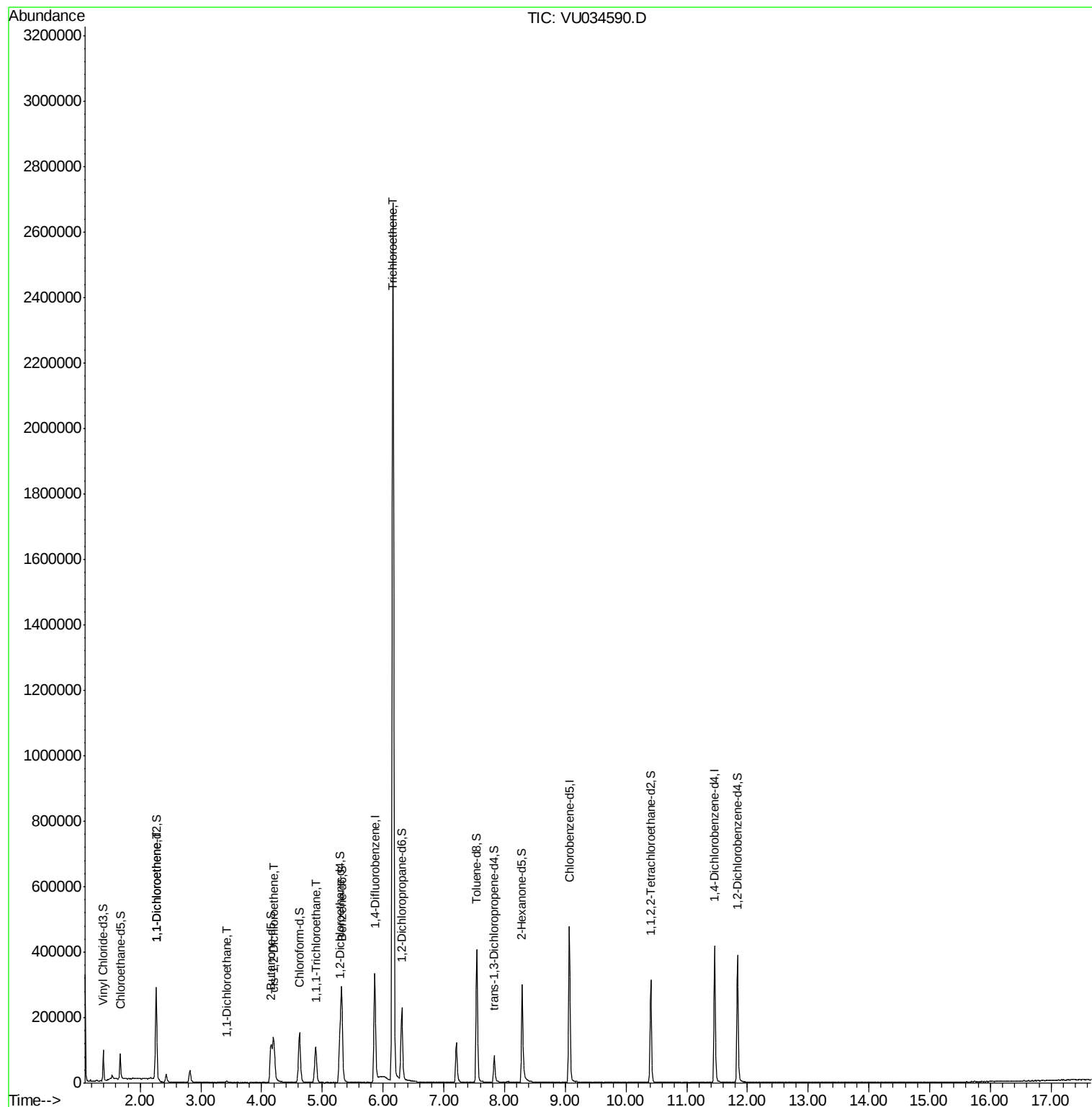
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091619\
Data File : VU034590.D
Acq On : 17 Sep 2019 01:57
Operator : JC/SP
Sample : K4838-13
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

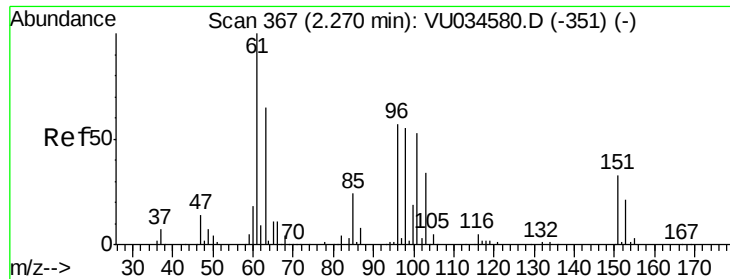
Instrument :
MSVOA_U
ClientSampleId :
C0ME9

Manual Integrations
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Quant Time: Sep 17 05:30:41 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 17 05:01:24 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 39.250 ug/L

RT: 2.27 min Scan# 367

Delta R.T. 0.00 min

Lab File: VU034590.D

Acq: 17 Sep 2019 01:57

Instrument :

MSVOA_U

ClientSampled :

COME9

Tot Ion: 96 Resp: 50302

Ion Ratio Lower Upper

96 100

61 188.7 117.8 218.8

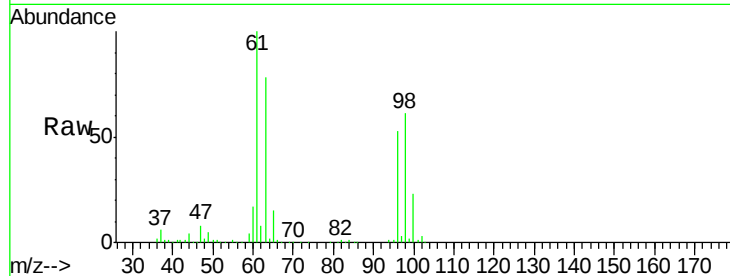
63 147.7 83.8 155.6

Manual Integrations

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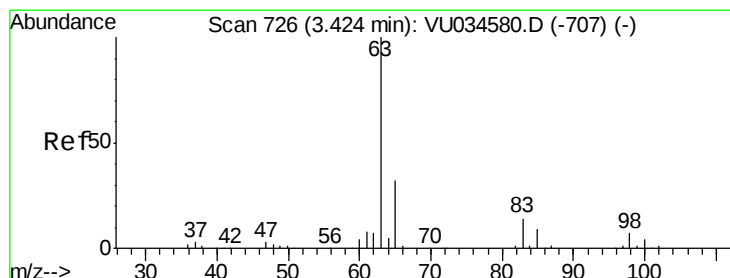
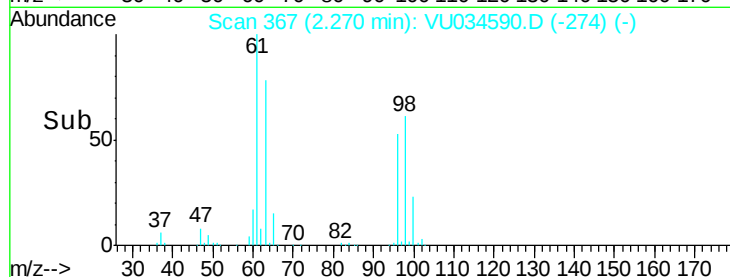
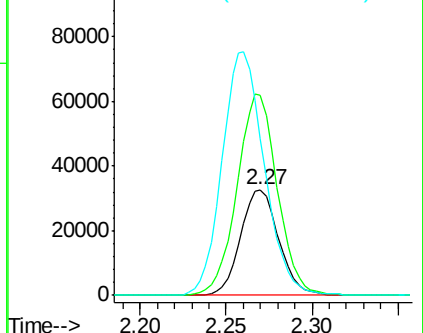
9/17/2019 12:01:39 PM



Abundance Ion 96.00 (95.70 to 96.70): VU034580.D (-351) (-)

Ion 61.00 (60.70 to 61.70): VU034580.D (-351) (-)

Ion 63.00 (62.70 to 63.70): VU034580.D (-351) (-)



#19

1,1-Dichloroethane

Concen: 1.601 ug/L m

RT: 3.42 min Scan# 725

Delta R.T. -0.00 min

Lab File: VU034590.D

Acq: 17 Sep 2019 01:57

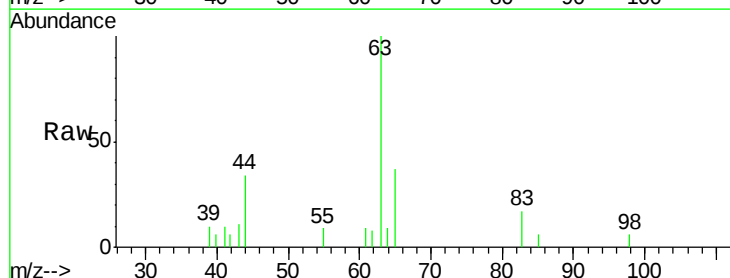
Tgt Ion: 63 Resp: 4944

Ion Ratio Lower Upper

63 100

65 37.4 21.6 40.0

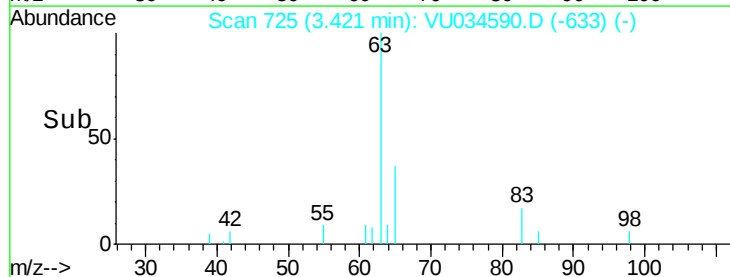
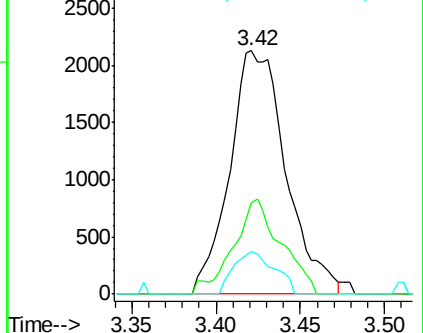
83 17.3 9.7 17.9

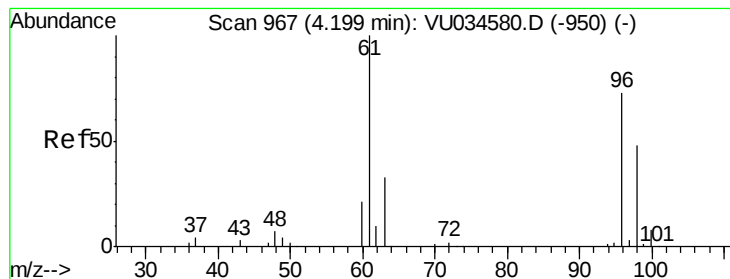


Abundance Ion 63.00 (62.70 to 63.70): VU034580.D (-707) (-)

Ion 65.00 (64.70 to 65.70): VU034580.D (-707) (-)

Ion 83.00 (82.70 to 83.70): VU034580.D (-707) (-)





#20

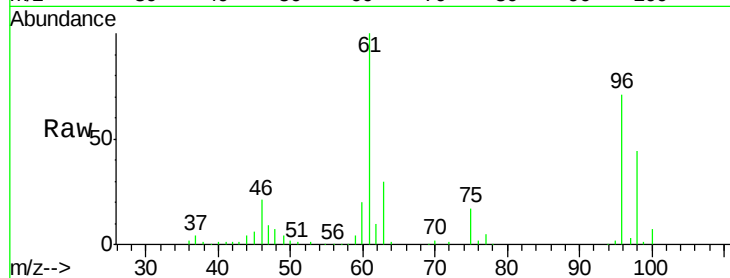
cis-1,2-Dichloroethene
 Concen: 36.537 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU034590.D
 Acq: 17 Sep 2019 01:57

Instrument :
 MSVOA_U
 ClientSampleId :
 COME9

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		64901		
61	141.2	94.7	175.9		
68	0.0	0.0	0.0		

Manual Integrations
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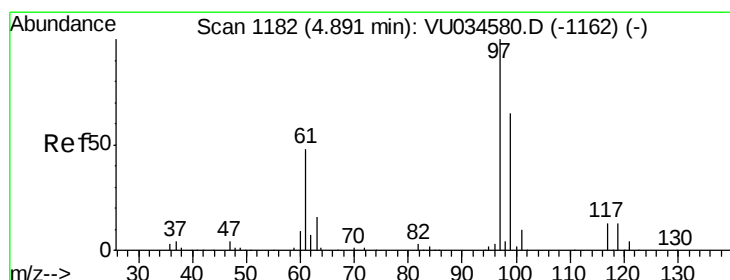
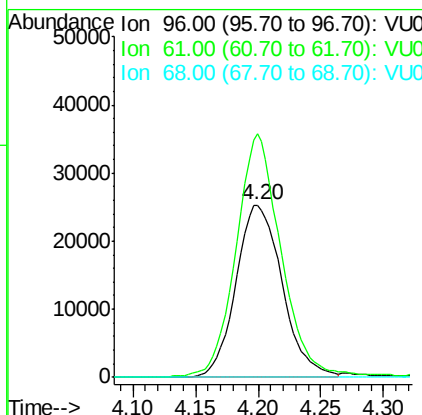
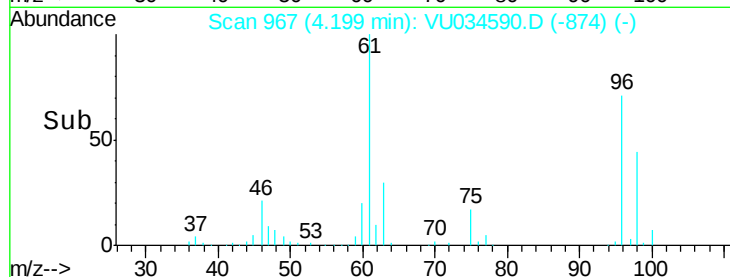
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Abundance

Ion 96.00 (95.70 to 96.70): VU034590.D (-874) (-)

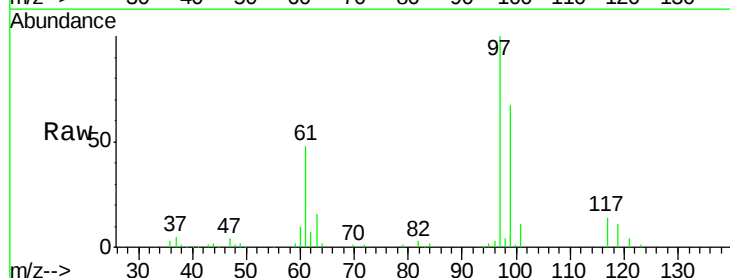
Time-->



#30

1,1,1-Trichloroethane
 Concen: 33.724 ug/L
 RT: 4.89 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VU034590.D
 Acq: 17 Sep 2019 01:57

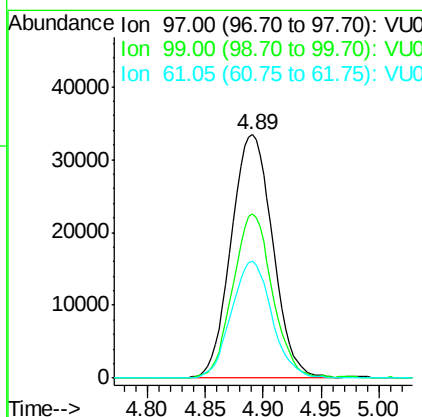
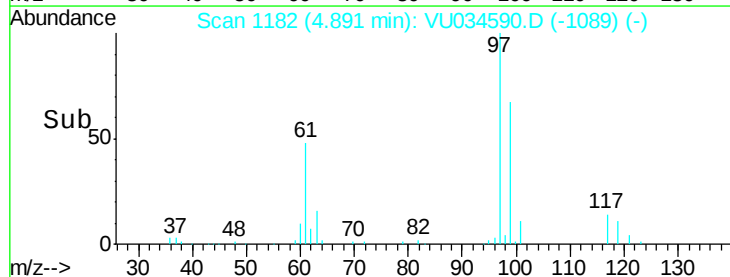
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		83255		
99	63.9	50.7	76.1		
61	46.9	36.9	55.3		

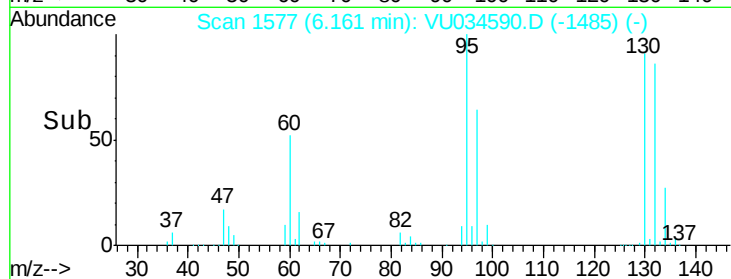
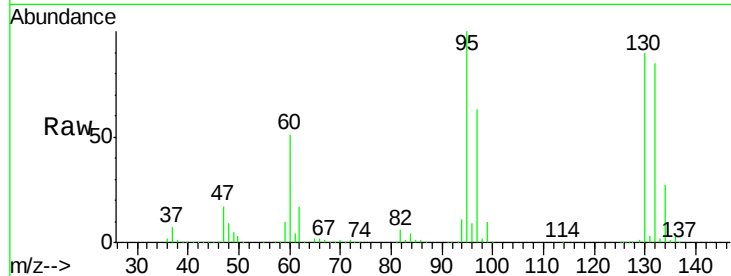
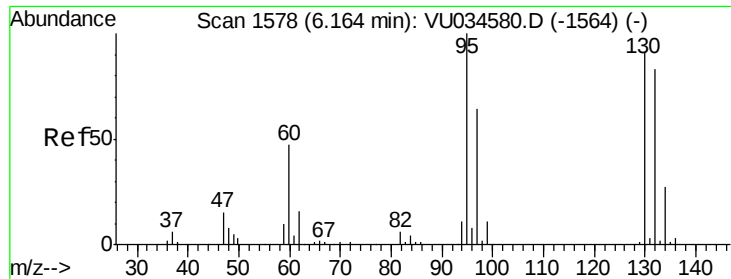


Abundance

Ion 97.00 (96.70 to 97.70): VU034590.D (-1089) (-)

Time-->





#34

Trichloroethene

Concen: 602.213 ug/L

RT: 6.16 min Scan# 1577

Delta R.T. -0.00 min

Lab File: VU034590.D

Acq: 17 Sep 2019 01:57

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100				
97	63.3	45.4	84.4		
132	85.3	65.2	121.0		
130	90.1	68.5	127.3		

Instrument :
MSVOA_U
ClientSampleId :
C0ME9

Manual Integrations
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