

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

Quant Time: Sep 17 05:05:30 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

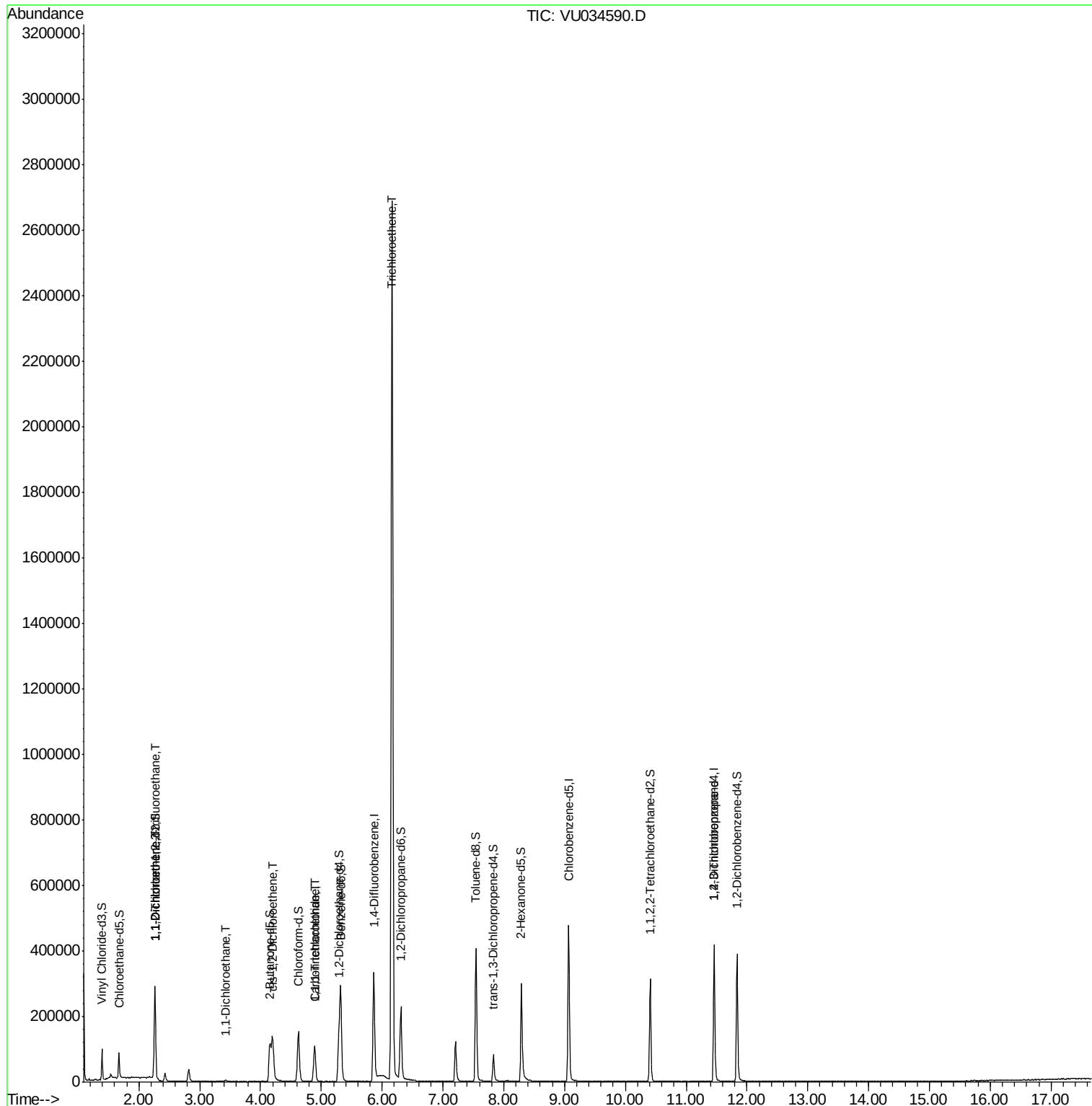
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1077	0.767	ug/L	# 27
12) 1,1-Dichloroethene	2.27	96	50302	39.250	ug/L	81
19) 1,1-Dichloroethane	3.42	63	2951	0.956	ug/L	89
20) cis-1,2-Dichloroethene	4.20	96	64901	36.537	ug/L	95
30) 1,1,1-Trichloroethane	4.89	97	83255	33.724	ug/L	99
31) Carbon tetrachloride	4.89	117	10398	4.989	ug/L	99
34) Trichloroethene	6.16	95	940094	602.213	ug/L	94
59) 1,2,3-Trichloropropane	11.46	75	15590	6.001	ug/L	91

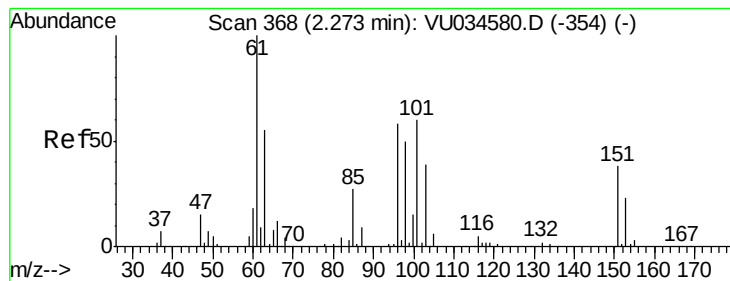
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.767 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

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Acq: 17 Sep 2019 01:57

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MSVOA_U

ClientSampleId :

COME9

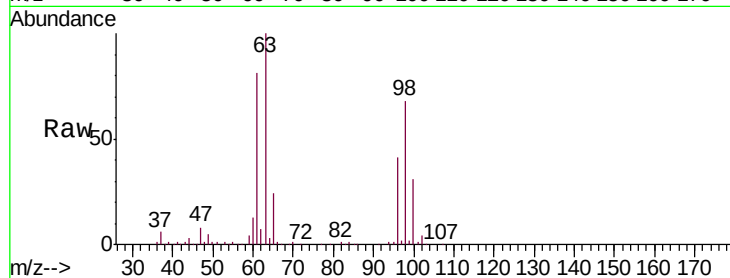
Tgt Ion:101 Resp: 1077

Ion Ratio Lower Upper

101 100

85 8.7 37.0 55.6#

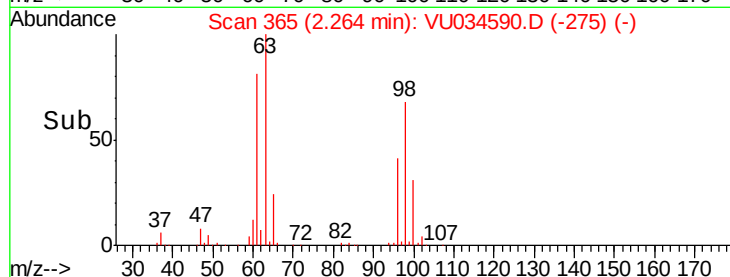
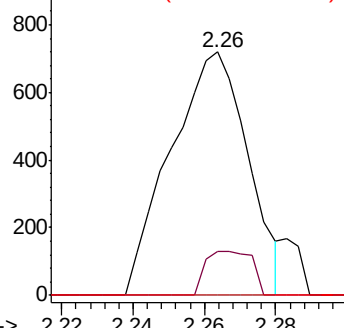
151 0.0 54.1 81.1#



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: 39.250 ug/L

RT: 2.27 min Scan# 367

Delta R.T. 0.00 min

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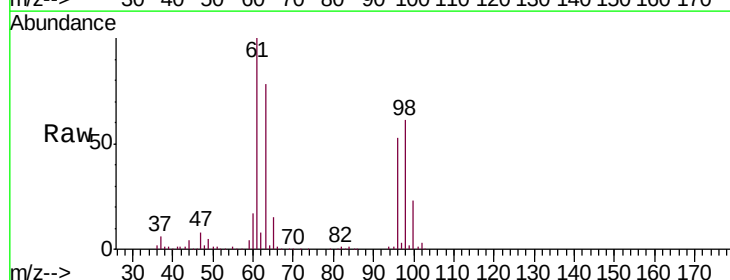
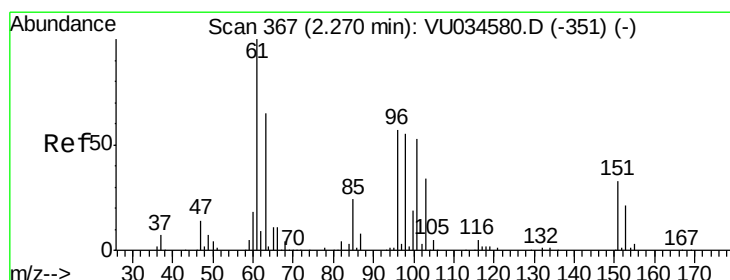
Tgt Ion: 96 Resp: 50302

Ion Ratio Lower Upper

96 100

61 188.7 117.8 218.8

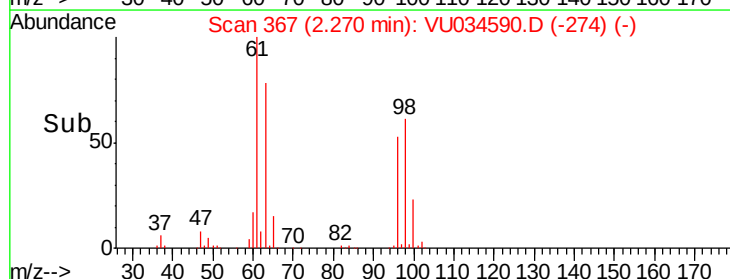
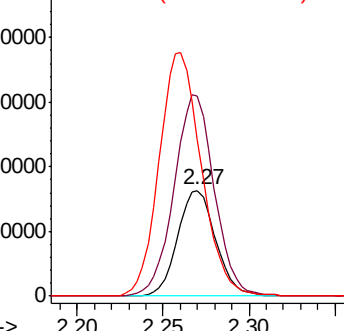
63 147.7 83.8 155.6

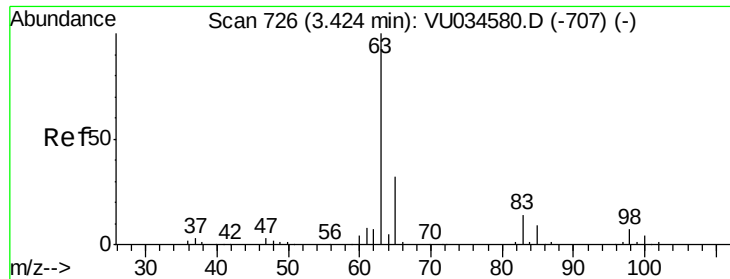


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

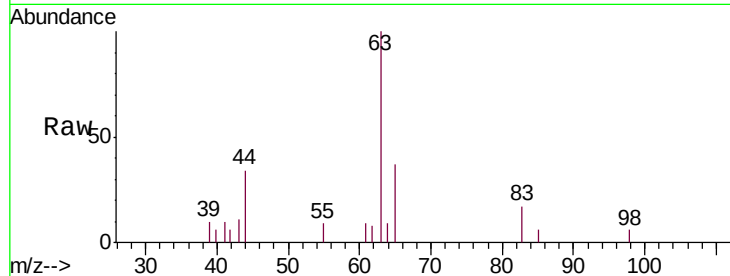




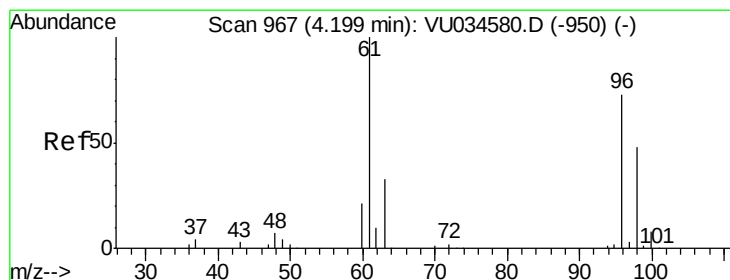
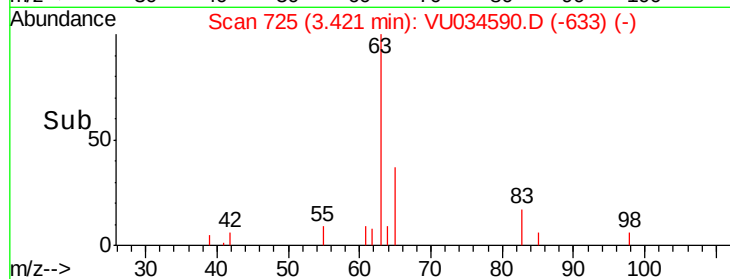
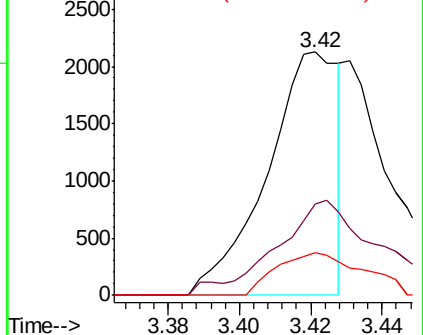
#19
 1,1-Dichloroethane
 Concen: 0.956 ug/L
 RT: 3.42 min Scan# 725
 Delta R.T. -0.00 min
 Lab File: VU034590.D
 Acq: 17 Sep 2019 01:57

Instrument :
 MSVOA_U
 ClientSampled :
 COME9

Tgt Ion: 63 Resp: 2951
 Ion Ratio Lower Upper
 63 100
 65 37.4 21.6 40.0
 83 17.3 9.7 17.9

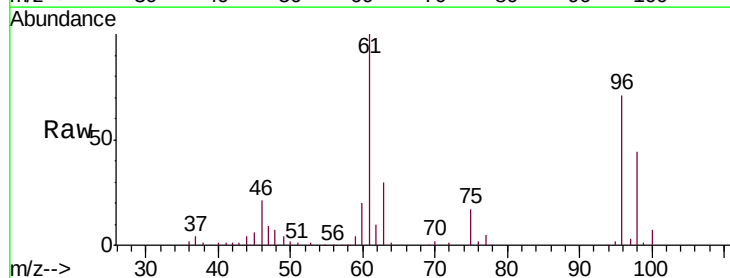


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 65.00 (64.70 to 65.70): VU0
 Ion 83.00 (82.70 to 83.70): VU0

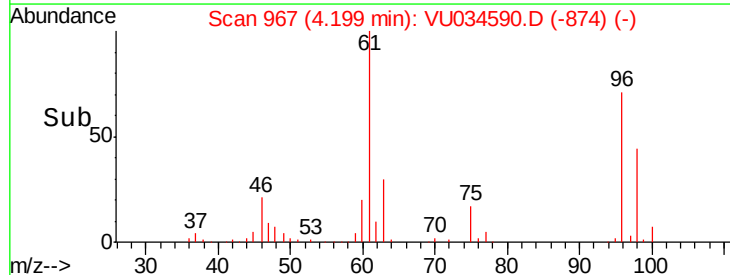
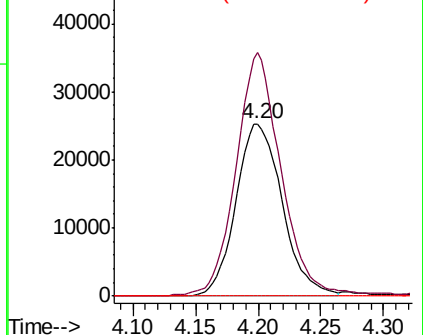


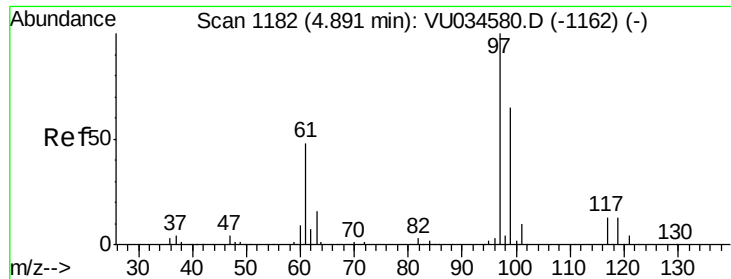
#20
 cis-1,2-Dichloroethene
 Concen: 36.537 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU034590.D
 Acq: 17 Sep 2019 01:57

Tgt Ion: 96 Resp: 64901
 Ion Ratio Lower Upper
 96 100
 61 141.2 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

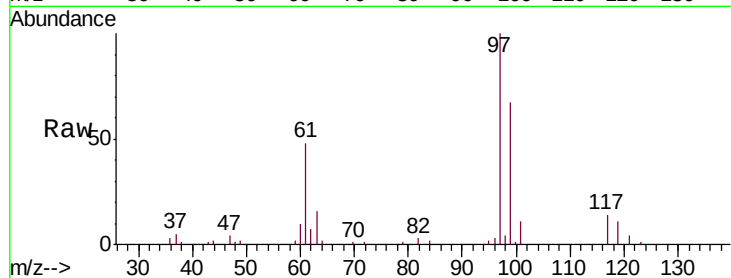




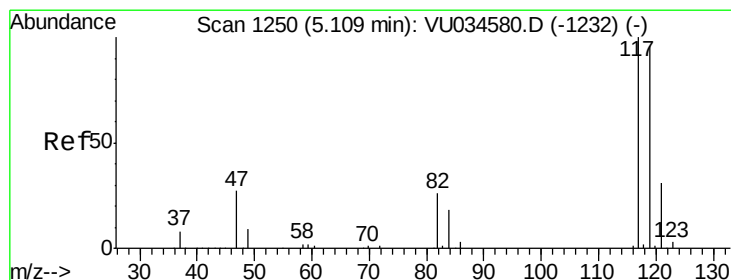
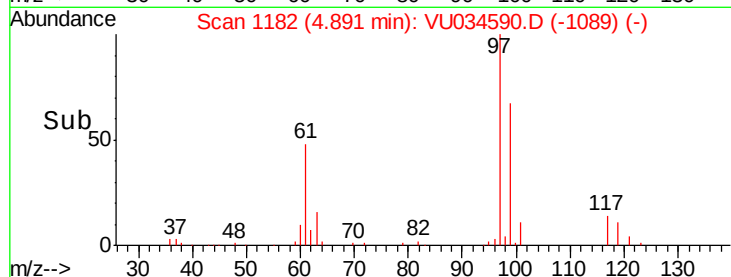
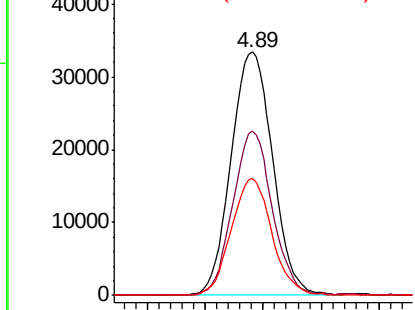
#30
 1,1,1-Trichloroethane
 Concen: 33.724 ug/L
 RT: 4.89 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VU034590.D
 Acq: 17 Sep 2019 01:57

Instrument :
 MSVOA_U
 ClientSampleId :
 COME9

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

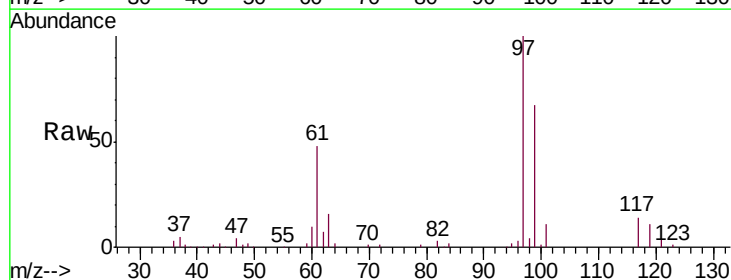


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0

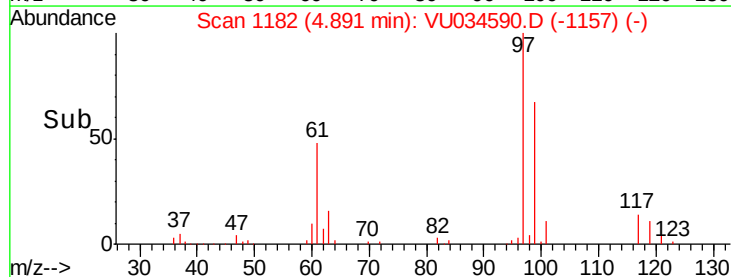
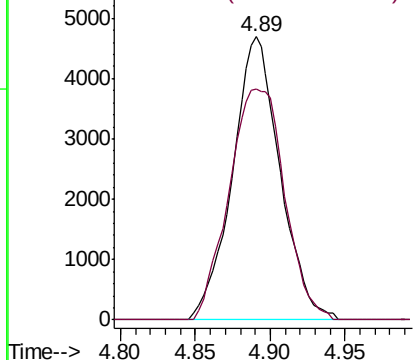


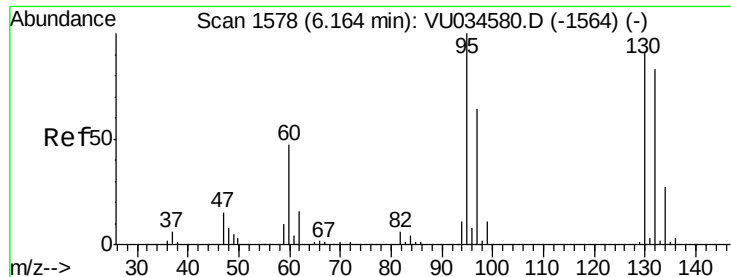
#31
 Carbon tetrachloride
 Concen: 4.989 ug/L
 RT: 4.89 min Scan# 1182
 Delta R.T. -0.22 min
 Lab File: VU034590.D
 Acq: 17 Sep 2019 01:57

Tgt Ion: 117 Resp: 10398
 Ion Ratio Lower Upper
 117 100
 119 95.3 77.2 115.8



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 119.00 (118.70 to 119.70): V





#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

Instrument :

MSVOA_U

ClientSampleId :

COME9

Tgt Ion: 95 Resp: 940094

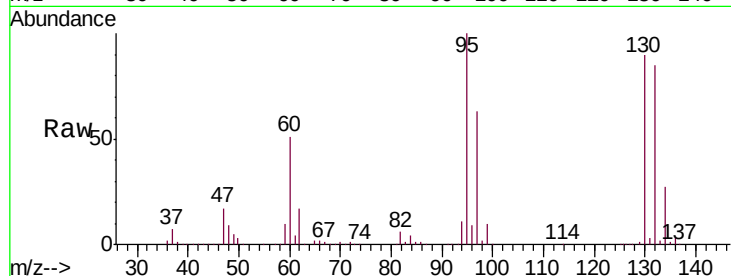
Ion Ratio Lower Upper

95 100

97 63.3 45.4 84.4

132 85.3 65.2 121.0

130 90.1 68.5 127.3

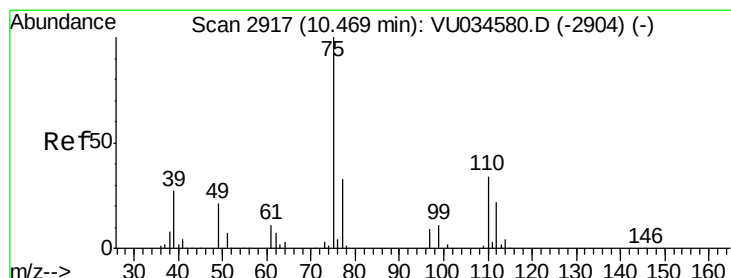
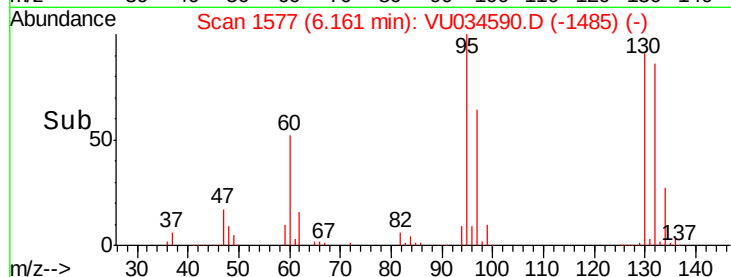
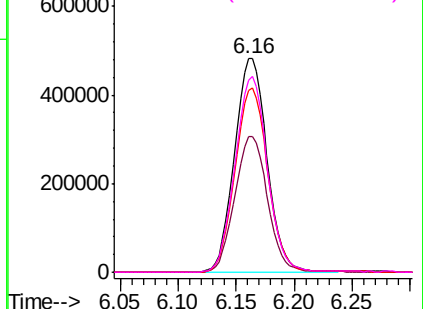


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#59

1,2,3-Trichloropropane

Concen: 6.001 ug/L

RT: 11.46 min Scan# 3225

Delta R.T. 0.99 min

Lab File: VU034590.D

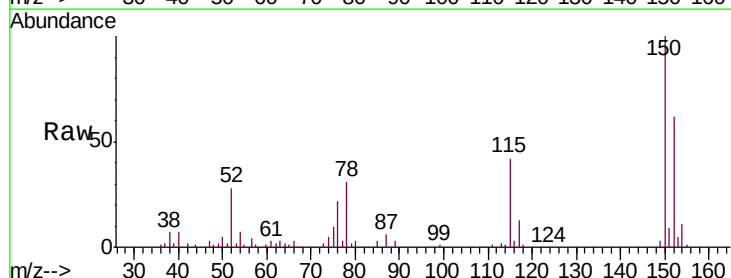
Acq: 17 Sep 2019 01:57

Tgt Ion: 75 Resp: 15590

Ion Ratio Lower Upper

75 100

77 37.5 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

