

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061219\
 Data File : VU032676.D
 Acq On : 13 Jun 2019 00:31
 Operator : JC/SP
 Sample : K3313-19
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM11

Quant Time: Jun 13 07:19:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 13 05:57:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	169023	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	161436	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	77503	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50636	46.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.34%
7) Chloroethane-d5	1.68	69	41548	47.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.30%
11) 1,1-Dichloroethene-d2	2.27	63	92771	43.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.42%
21) 2-Butanone-d5	4.17	46	86115	93.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.84%
24) Chloroform-d	4.64	84	97168	47.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.02%
26) 1,2-Dichloroethane-d4	5.30	65	66723	51.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.58%
32) Benzene-d6	5.33	84	195794	46.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.44%
36) 1,2-Dichloropropane-d6	6.32	67	63128	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.08%
41) Toluene-d8	7.56	98	179812	45.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.50%
43) trans-1,3-Dichloropropene-	7.85	79	27168	43.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.40%
47) 2-Hexanone-d5	8.31	63	45994	72.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.15%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	84890	44.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.16%
64) 1,2-Dichlorobenzene-d4	11.85	152	72353	48.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.48%

Target Compounds

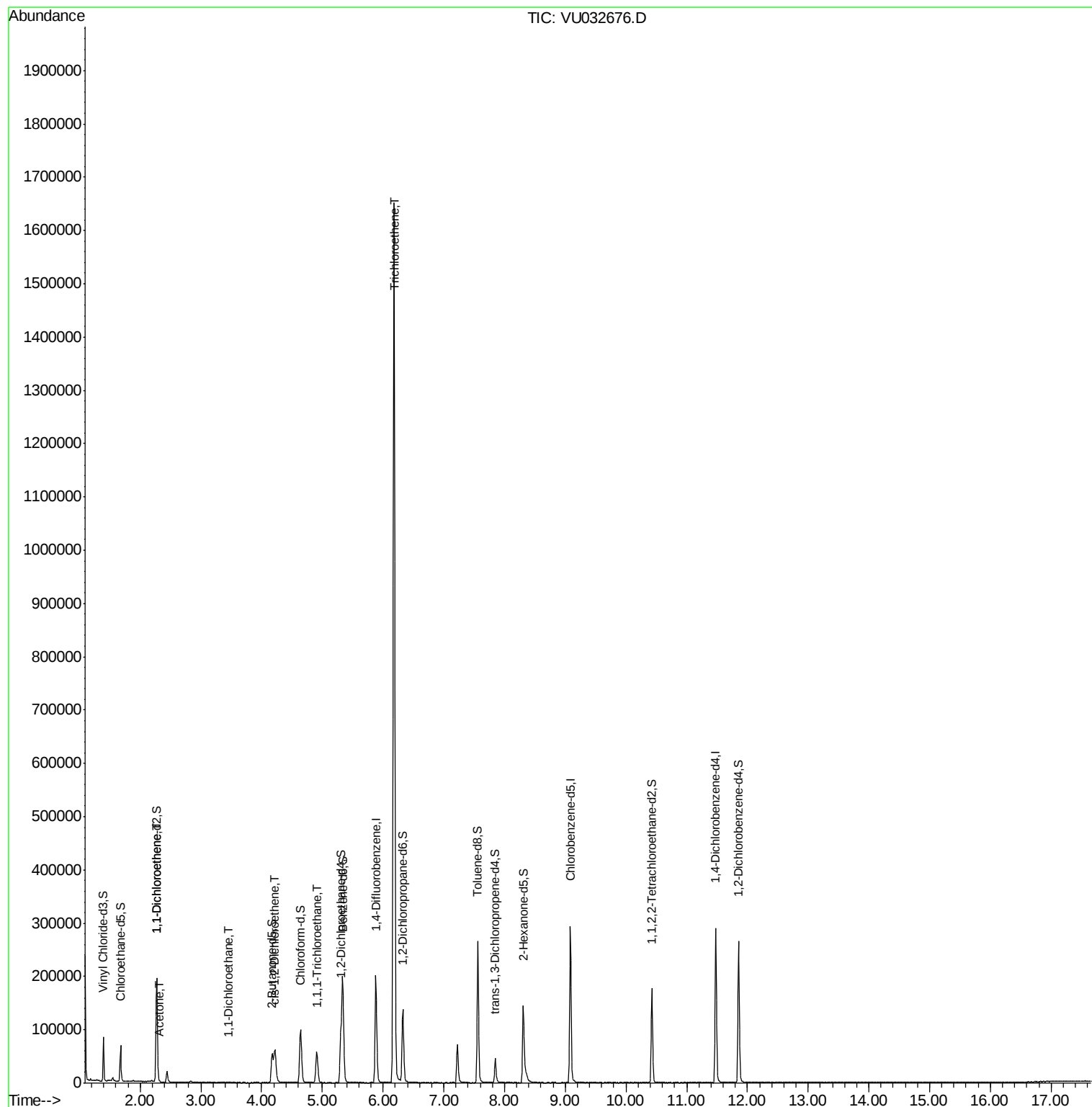
					Ovalue
12) 1,1-Dichloroethene	2.28	96	28959	28.874	ug/L 88
13) Acetone	2.32	43	2046	2.161	ug/L 90
19) 1,1-Dichloroethane	3.45	63	2127	1.074	ug/L 98
20) cis-1,2-Dichloroethene	4.22	96	32356	26.306	ug/L 98
30) 1,1,1-Trichloroethane	4.91	97	44946	24.594	ug/L 97
34) Trichloroethene	6.18	95	536713	434.926	ug/L 97

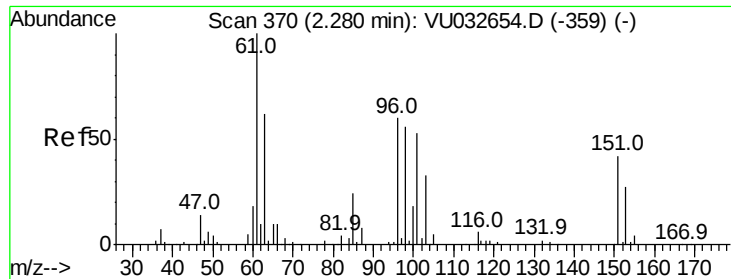
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 28.874 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

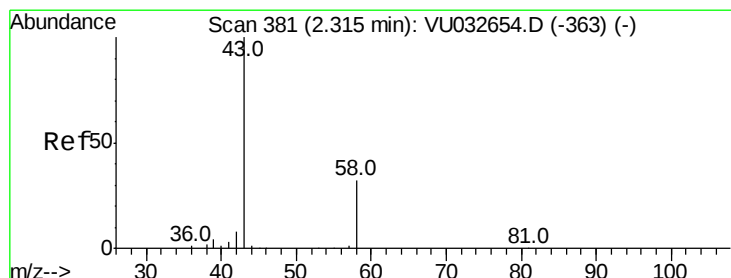
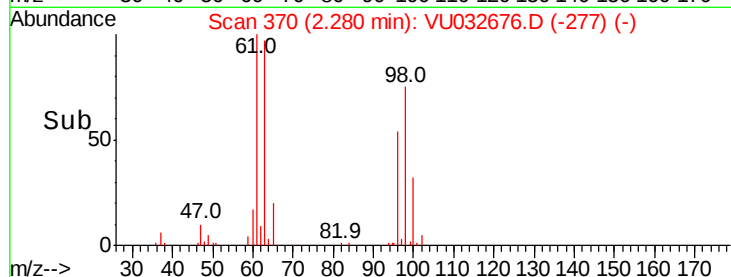
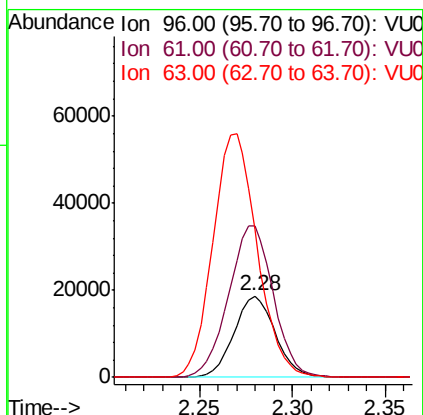
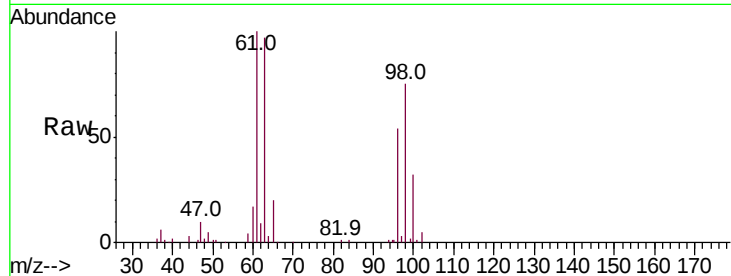
Lab File: VU032676.D

Acq: 13 Jun 2019 00:31

Instrument :
MSVOA_U
ClientSampleId :
COM11

Tot Ion: 96 Resp: 28959

Ion	Ratio	Lower	Upper
96	100		
61	186.5	129.5	240.5
63	181.2	103.4	192.0



#13

Acetone

Concen: 2.161 ug/L

RT: 2.32 min Scan# 383

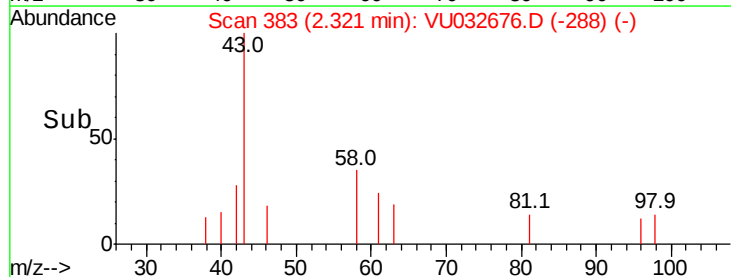
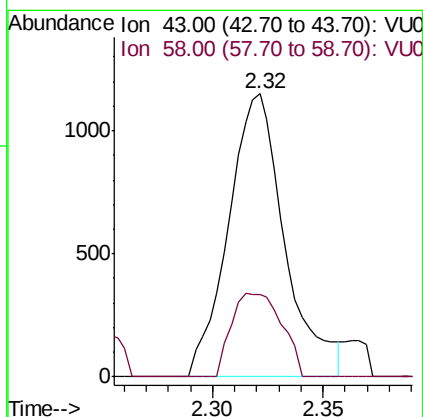
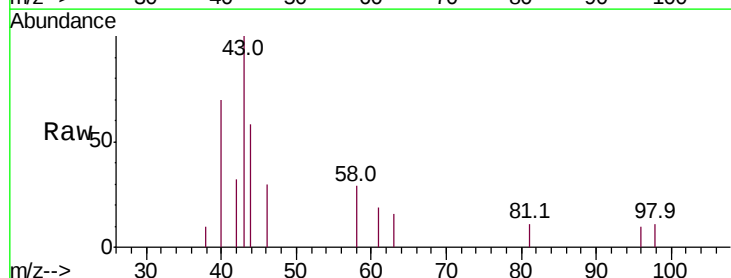
Delta R.T. 0.01 min

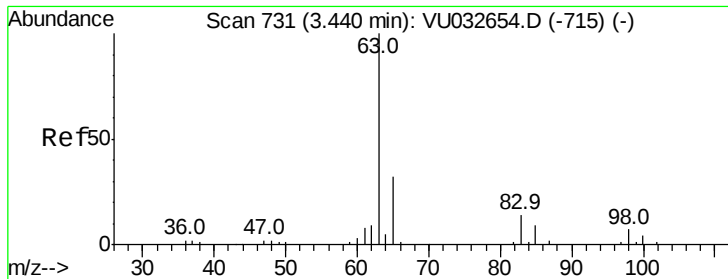
Lab File: VU032676.D

Acq: 13 Jun 2019 00:31

Tgt Ion: 43 Resp: 2046

Ion	Ratio	Lower	Upper
43	100		
58	26.3	0.0	64.0





#19

1,1-Dichloroethane

Concen: 1.074 ug/L

RT: 3.45 min Scan# 733

Delta R.T. 0.01 min

Lab File: VU032676.D

Acq: 13 Jun 2019 00:31

Instrument :

MSVOA_U

ClientSampled :

COM11

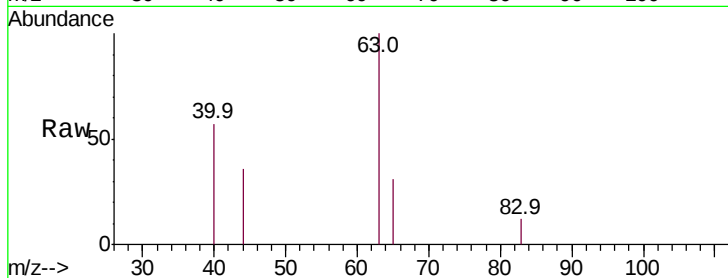
Tot Ion: 63 Resp: 2127

Ion Ratio Lower Upper

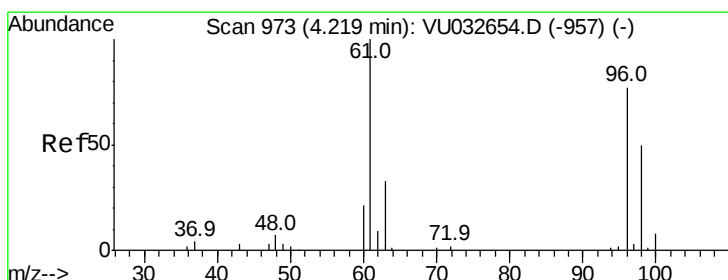
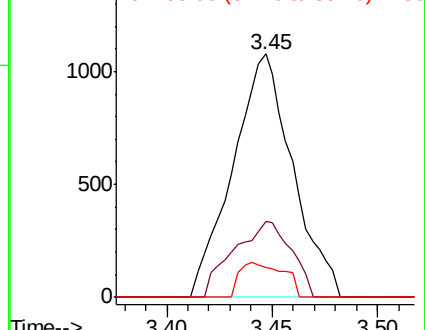
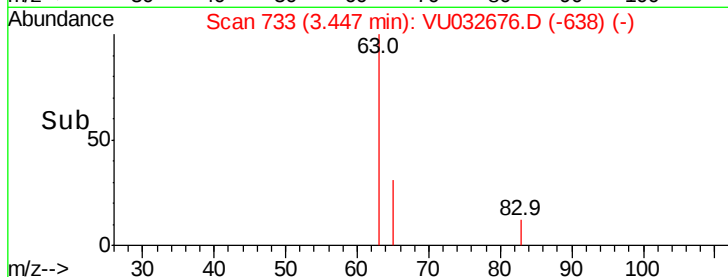
63 100

65 31.1 21.8 40.6

83 12.2 9.8 18.2



Abundance Ion 63.00 (62.70 to 63.70): VU032676.D (-638) (-)



#20

cis-1,2-Dichloroethene

Concen: 26.306 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU032676.D

Acq: 13 Jun 2019 00:31

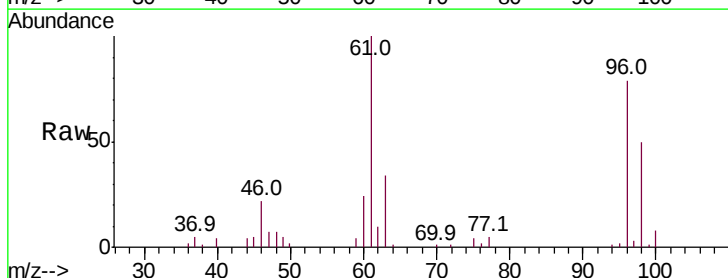
Tgt Ion: 96 Resp: 32356

Ion Ratio Lower Upper

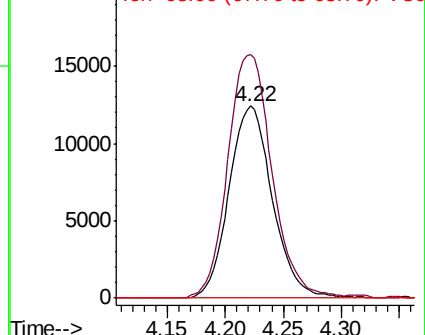
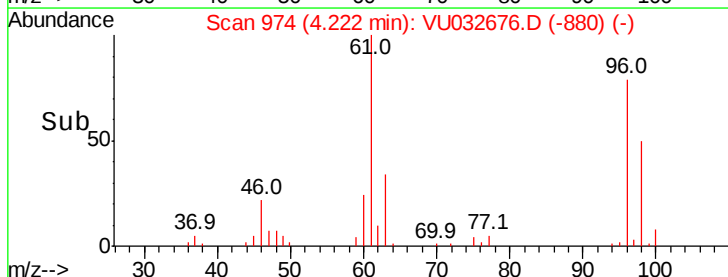
96 100

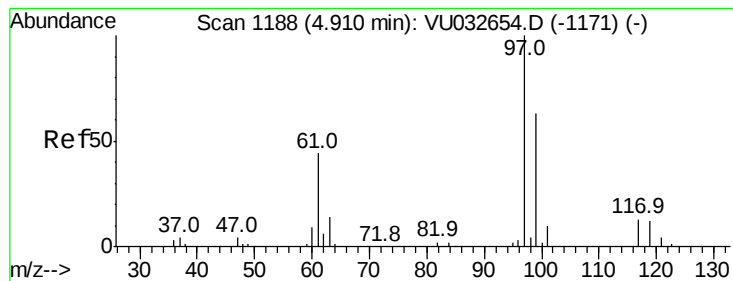
61 126.9 87.2 162.0

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU032676.D (-880) (-)





#30

1,1,1-Trichloroethane

Concen: 24.594 ug/L

RT: 4.91 min Scan# 1188

Delta R.T. -0.00 min

Lab File: VU032676.D

Acq: 13 Jun 2019 00:31

Instrument :

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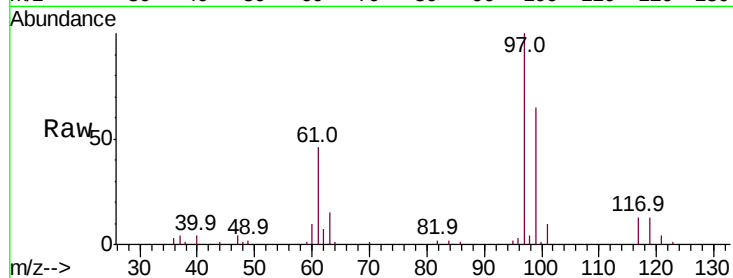
Tot Ion: 97 Resp: 44946

Ion Ratio Lower Upper

97 100

99 65.0 50.5 75.7

61 45.4 33.8 50.6

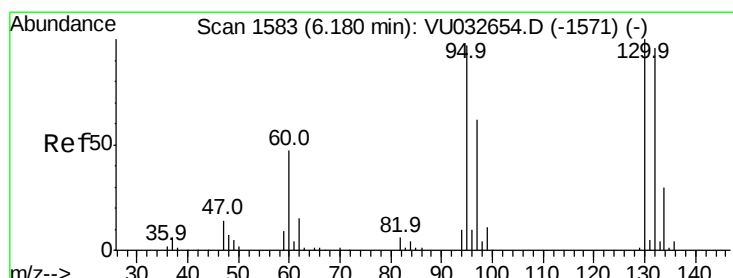
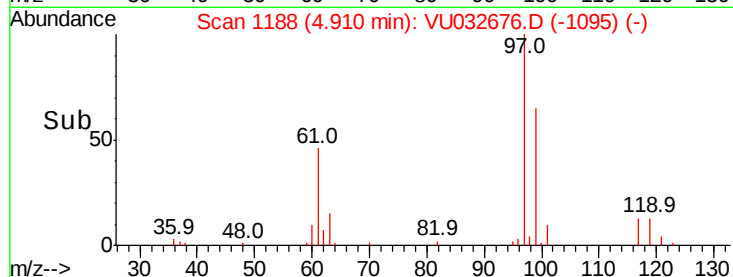
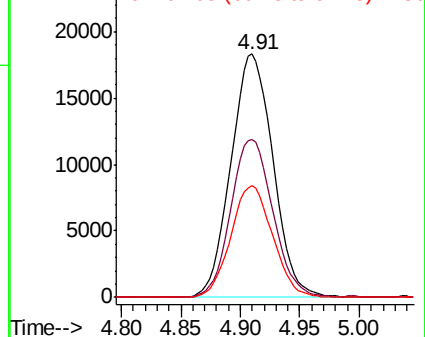


Abundance

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: 434.926 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU032676.D

Acq: 13 Jun 2019 00:31

Tgt Ion: 95 Resp: 536713

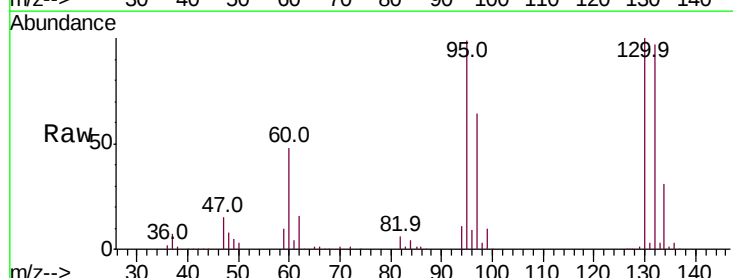
Ion Ratio Lower Upper

95 100

97 65.2 45.8 85.2

132 98.1 71.0 131.8

130 101.1 73.4 136.2



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

