

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082318\
 Data File : VU026323.D
 Acq On : 24 Aug 2018 00:52
 Operator : MD/SY
 Sample : J4622-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBJ7

Quant Time: Aug 24 03:50:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 02:06:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	299000	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	295865	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	154420	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	85161	46.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.40%
7) Chloroethane-d5	1.68	69	69582	46.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.58%
11) 1,1-Dichloroethene-d2	2.27	63	124830	34.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.64%
21) 2-Butanone-d5	4.18	46	191126	131.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	131.31%#
24) Chloroform-d	4.65	84	193349	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.14%
26) 1,2-Dichloroethane-d4	5.31	65	128893	48.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.44%
32) Benzene-d6	5.35	84	370320	46.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.58%
36) 1,2-Dichloropropane-d6	6.33	67	124923	49.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.32%
41) Toluene-d8	7.57	98	343701	45.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.86%
43) trans-1,3-Dichloropropene-	7.85	79	60658	46.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.40%
47) 2-Hexanone-d5	8.31	63	139785	128.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	128.69%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	192006	51.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	152714	46.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.22%

Target Compounds

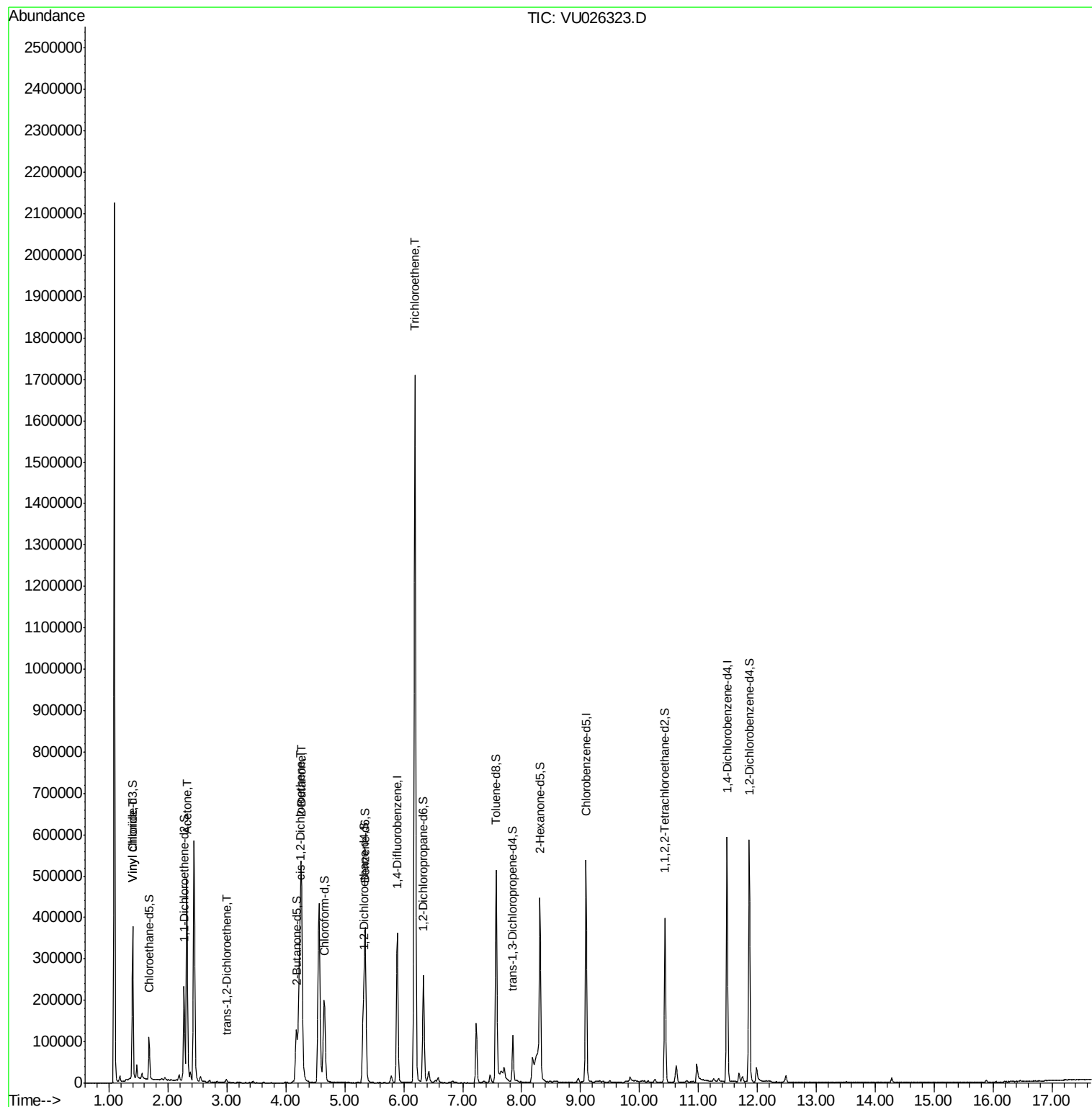
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	145901	66.90	ug/L	99
13) Acetone	2.32	43	487583	432.83	ug/L	97
17) trans-1,2-Dichloroethene	2.99	96	2832	1.46	ug/L	95
20) cis-1,2-Dichloroethene	4.23	96	151750	70.87	ug/L	97
22) 2-Butanone	4.26	43	757246	502.44	ug/L	97
34) Trichloroethene	6.19	95	581717	272.73	ug/L	96

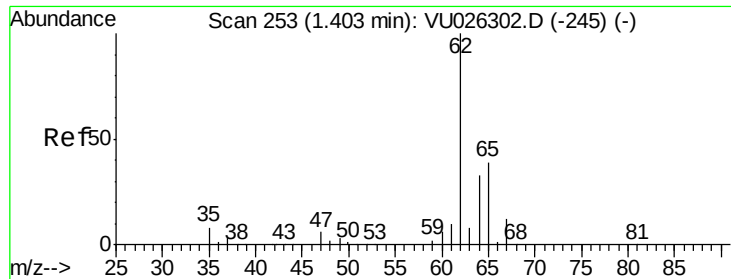
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 66.90 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

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Acq: 24 Aug 2018 00:52

Instrument :

MSVOA_U

ClientSampleId :

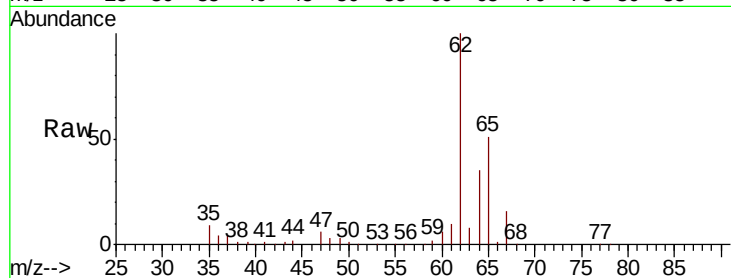
ETBJ7

Tot Ion: 62 Resp: 145901

Ion Ratio Lower Upper

62 100

64 34.9 24.2 45.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

150000

100000

50000

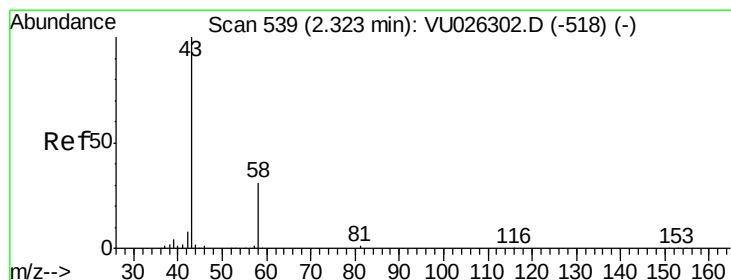
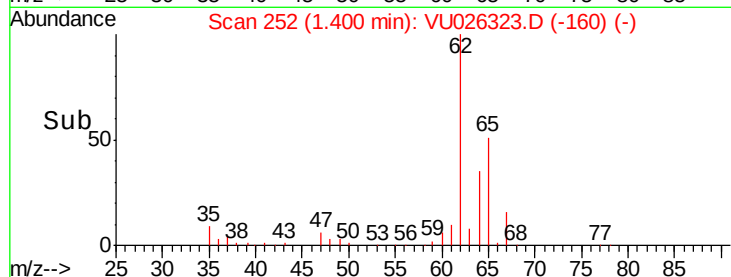
0

1.35

1.40

1.45

Time-->



#13

Acetone

Concen: 432.83 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU026323.D

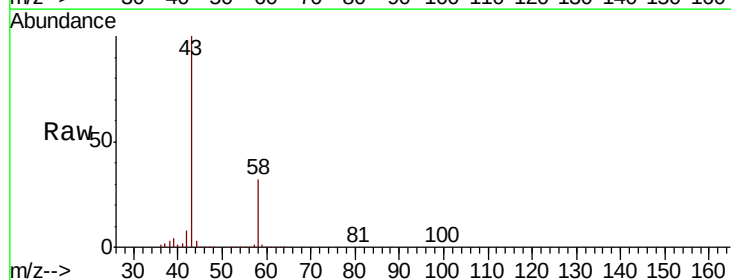
Acq: 24 Aug 2018 00:52

Tgt Ion: 43 Resp: 487583

Ion Ratio Lower Upper

43 100

58 32.2 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

300000

200000

100000

0

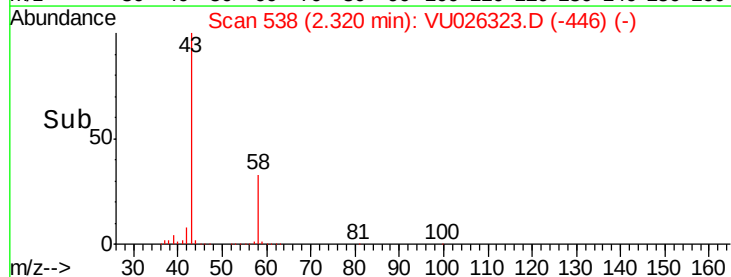
2.25

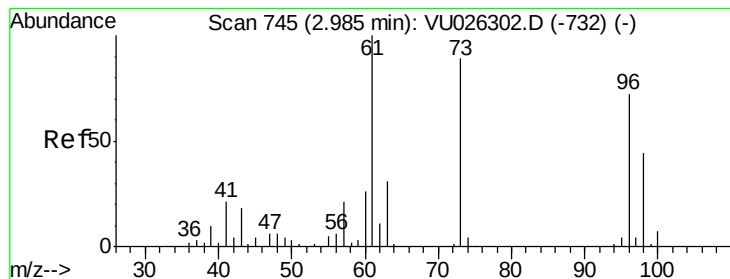
2.30

2.35

2.40

Time-->





#17

trans-1,2-Dichloroethene

Concen: 1.46 ug/L

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU026323.D

Acq: 24 Aug 2018 00:52

Instrument :

MSVOA_U

ClientSampleId :

ETBJ7

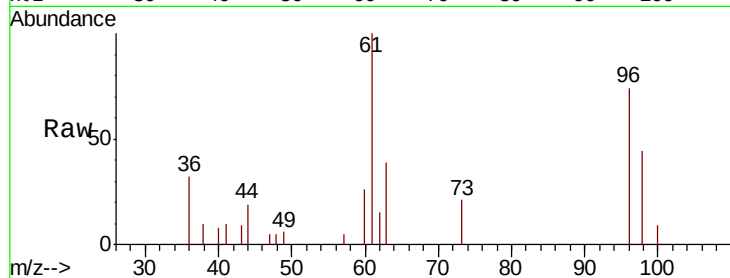
Tot Ion: 96 Resp: 2832

Ion Ratio Lower Upper

96 100

61 134.5 97.9 181.9

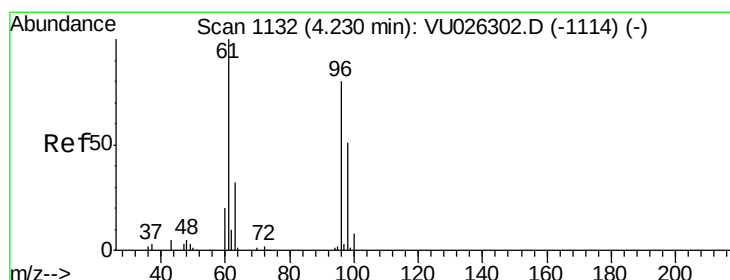
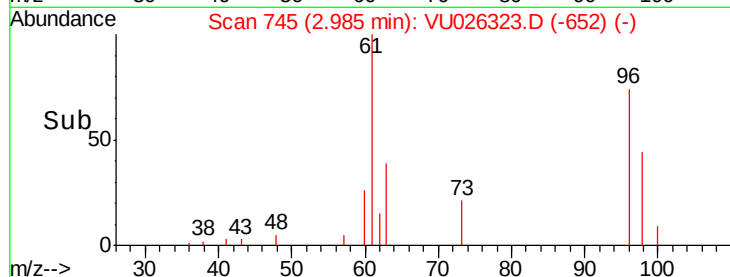
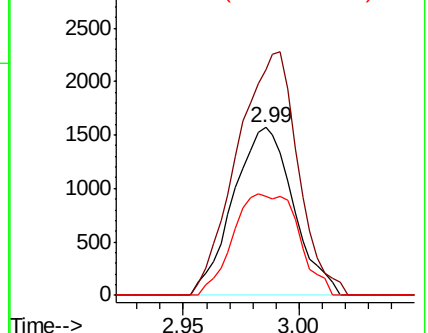
98 59.2 45.1 83.7



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 70.87 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU026323.D

Acq: 24 Aug 2018 00:52

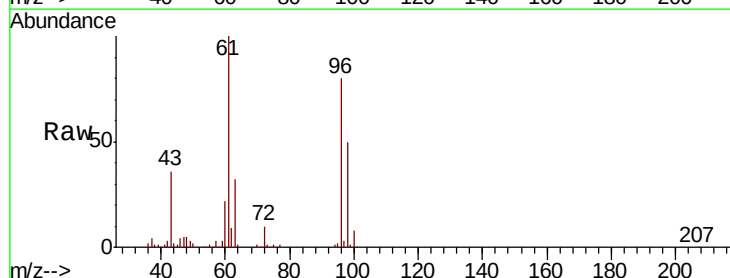
Tgt Ion: 96 Resp: 151750

Ion Ratio Lower Upper

96 100

61 125.4 90.3 167.7

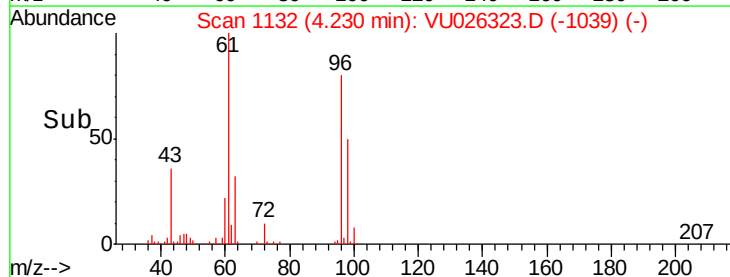
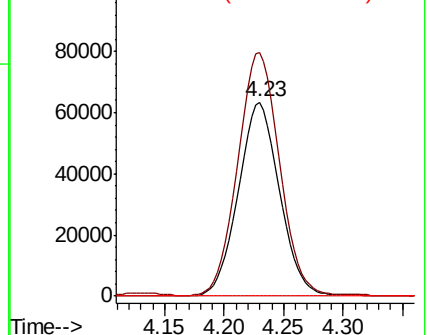
68 0.0 0.0 0.0

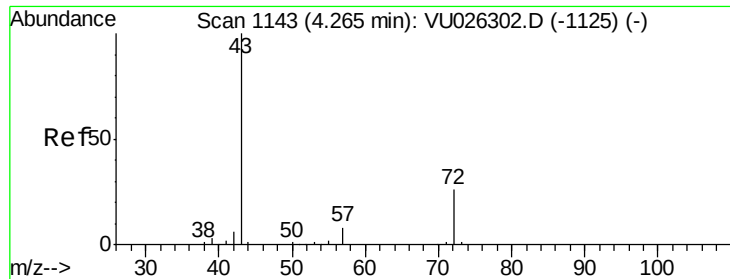


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#22

2-Butanone

Concen: 502.44 ug/L

RT: 4.26 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VU026323.D

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ClientSampleId :

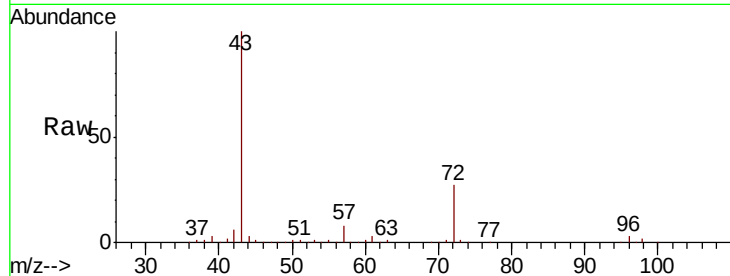
ETBJ7

Tot Ion: 43 Resp: 757246

Ion Ratio Lower Upper

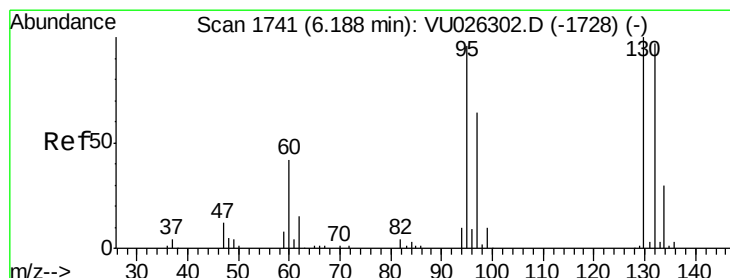
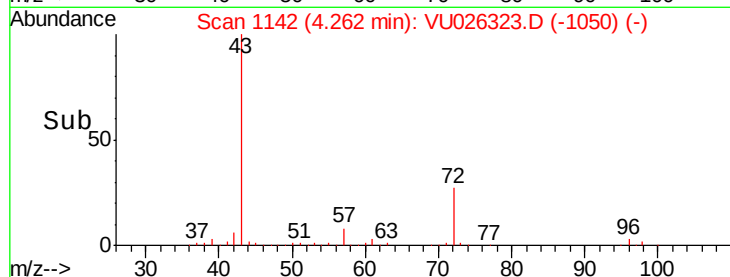
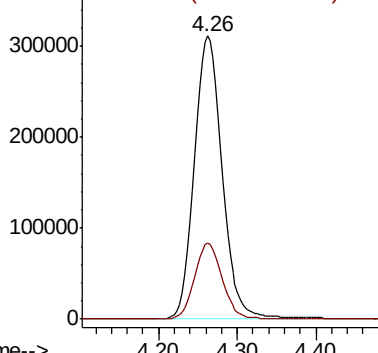
43 100

72 26.7 14.1 42.3



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#34

Trichloroethene

Concen: 272.73 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU026323.D

Acq: 24 Aug 2018 00:52

Tgt Ion: 95 Resp: 581717

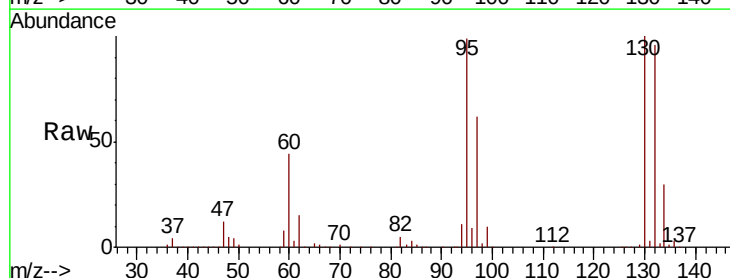
Ion Ratio Lower Upper

95 100

97 62.9 47.2 87.6

132 97.5 70.2 130.4

130 101.4 73.4 136.4



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

