

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082318\
 Data File : VU026320.D
 Acq On : 23 Aug 2018 23:42
 Operator : MD/SY
 Sample : J4622-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBJ8

Quant Time: Aug 24 02:55:18 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	306160	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	297148	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	145664	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	82482	44.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.34%
7) Chloroethane-d5	1.68	69	70850	46.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.06%
11) 1,1-Dichloroethene-d2	2.27	63	125458	34.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.36%
21) 2-Butanone-d5	4.18	46	153585	103.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.05%
24) Chloroform-d	4.65	84	191813	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.16%
26) 1,2-Dichloroethane-d4	5.31	65	127256	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.96%
32) Benzene-d6	5.35	84	372875	46.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.82%
36) 1,2-Dichloropropane-d6	6.33	67	122828	48.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.24%
41) Toluene-d8	7.57	98	337928	44.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.94%
43) trans-1,3-Dichloropropene-	7.85	79	57289	43.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.88%
47) 2-Hexanone-d5	8.31	63	109838	100.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.69%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	173092	45.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	147630	47.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.52%

Target Compounds

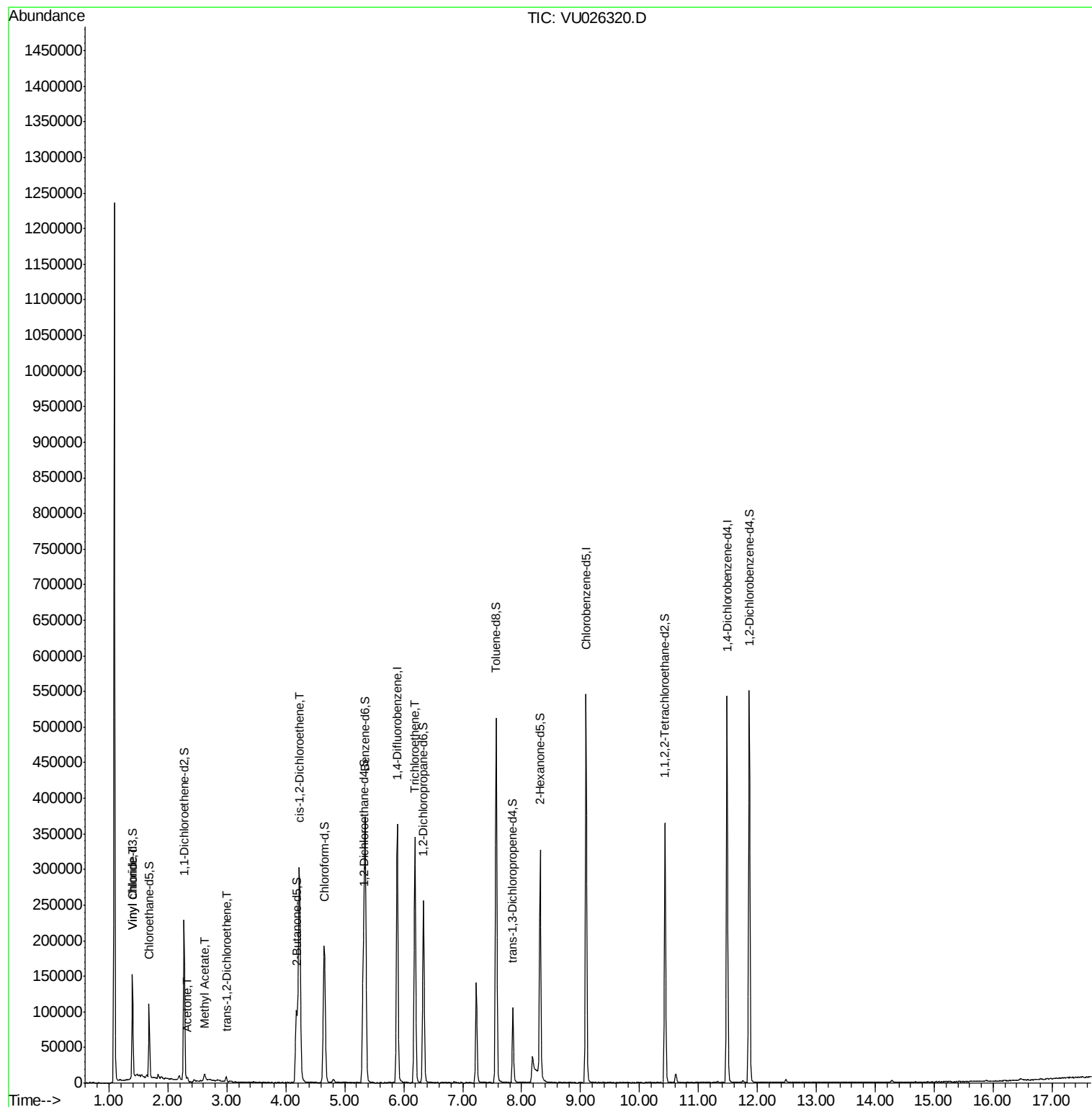
					Ovalue
5) Vinyl chloride	1.40	62	9295	4.16 ug/L	# 40
13) Acetone	2.32	43	4853	4.21 ug/L	98
15) Methyl Acetate	2.62	43	11961	5.39 ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	2961	1.49 ug/L	87
20) cis-1,2-Dichloroethene	4.23	96	171727	78.33 ug/L	96
34) Trichloroethene	6.19	95	116195	54.24 ug/L	98

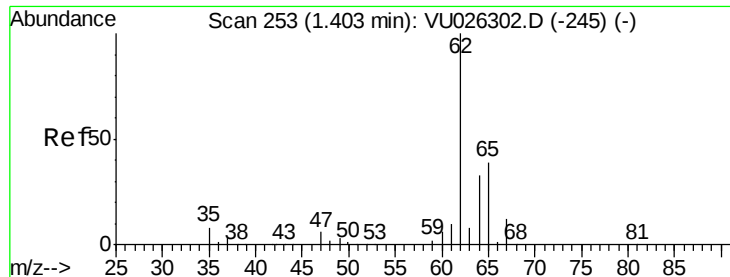
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.16 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU026320.D

Acq: 23 Aug 2018 23:42

Instrument :

MSVOA_U

ClientSampled :

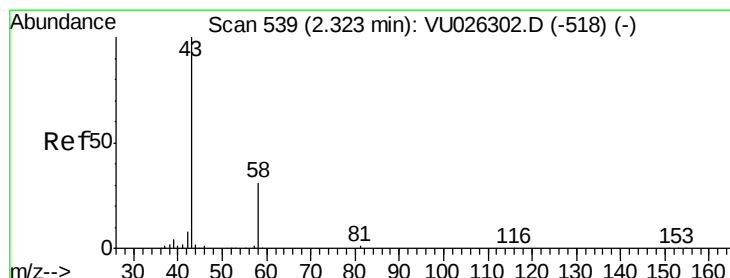
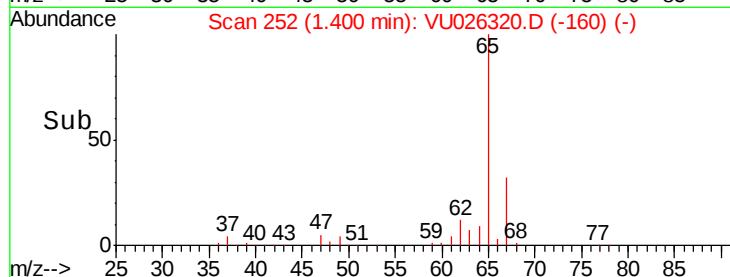
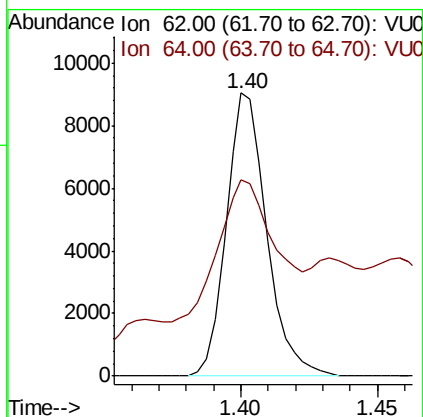
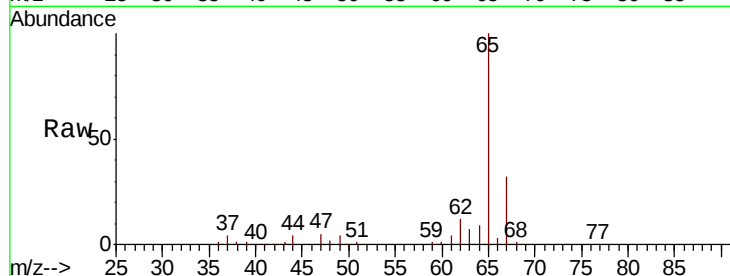
ETBJ8

Tot Ion: 62 Resp: 9295

Ion Ratio Lower Upper

62 100

64 69.2 24.2 45.0#



#13

Acetone

Concen: 4.21 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU026320.D

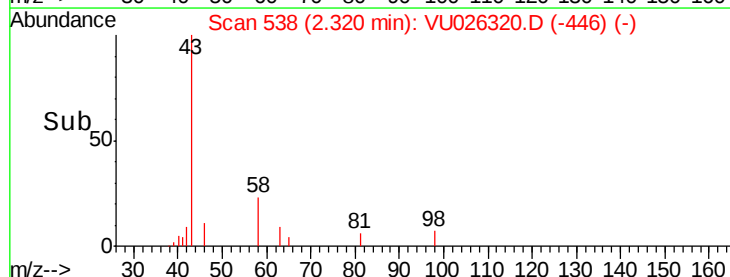
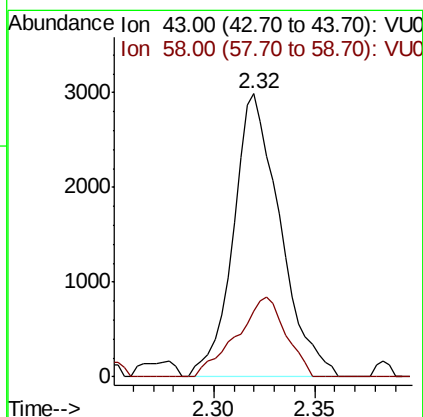
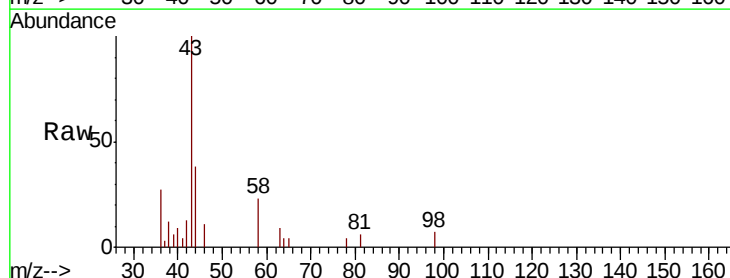
Acq: 23 Aug 2018 23:42

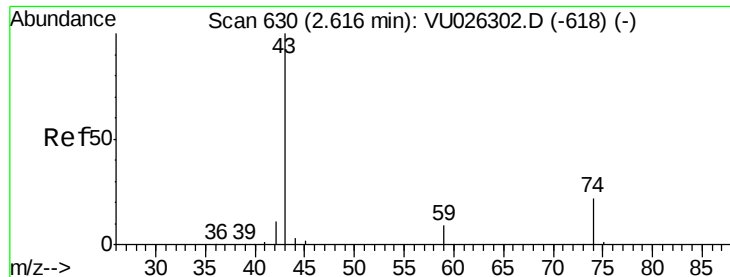
Tgt Ion: 43 Resp: 4853

Ion Ratio Lower Upper

43 100

58 29.6 0.0 61.2





#15

Methyl Acetate

Concen: 5.39 ug/L

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU026320.D

Acq: 23 Aug 2018 23:42

Instrument :

MSVOA_U

ClientSampled :

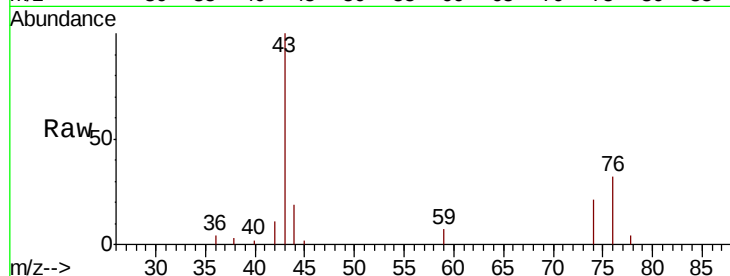
ETBJ8

Tot Ion: 43 Resp: 11961

Ion Ratio Lower Upper

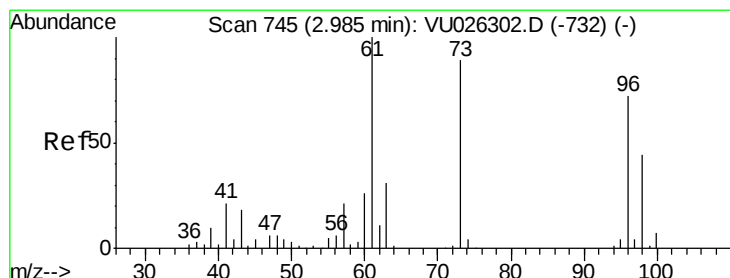
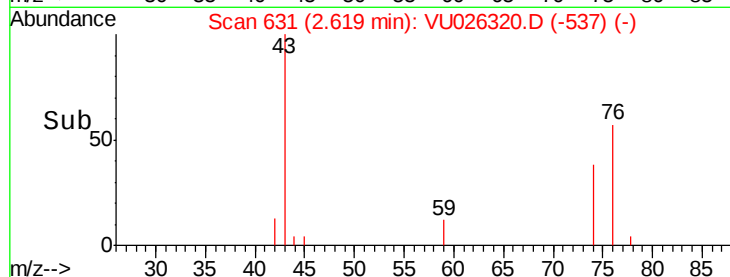
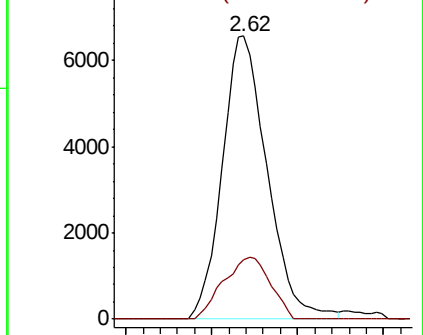
43 100

74 22.8 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#17

trans-1,2-Dichloroethene

Concen: 1.49 ug/L

RT: 2.98 min Scan# 744

Delta R.T. -0.00 min

Lab File: VU026320.D

Acq: 23 Aug 2018 23:42

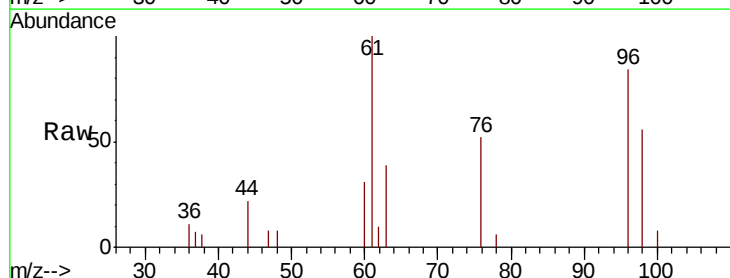
Tgt Ion: 96 Resp: 2961

Ion Ratio Lower Upper

96 100

61 118.8 97.9 181.9

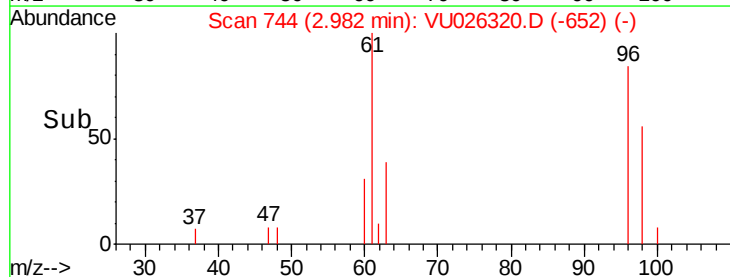
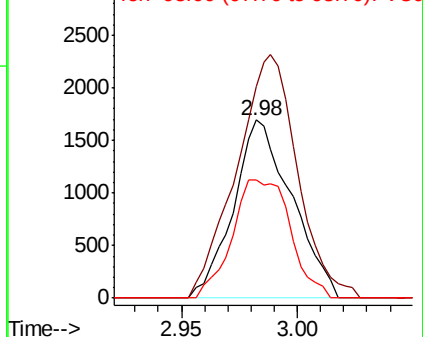
98 66.4 45.1 83.7

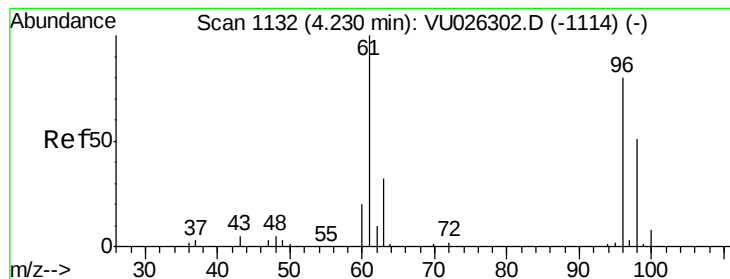


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#20

cis-1,2-Dichloroethene

Concen: 78.33 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU026320.D

Acq: 23 Aug 2018 23:42

Instrument :

MSVOA_U

ClientSampleId :

ETBJ8

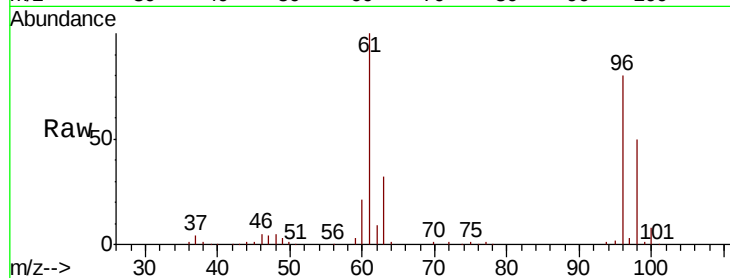
Tot Ion: 96 Resp: 171727

Ion Ratio Lower Upper

96 100

61 124.3 90.3 167.7

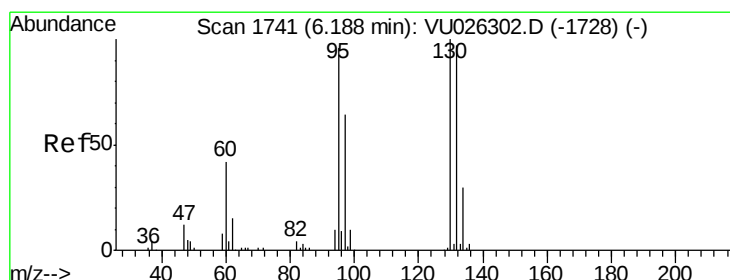
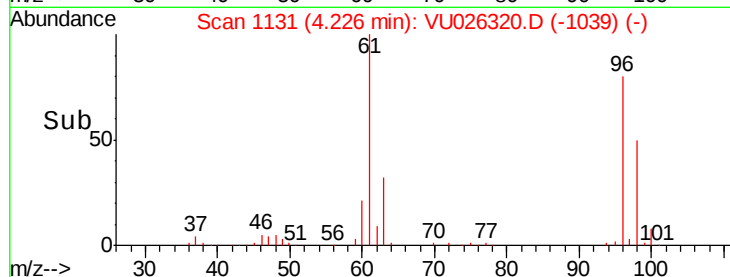
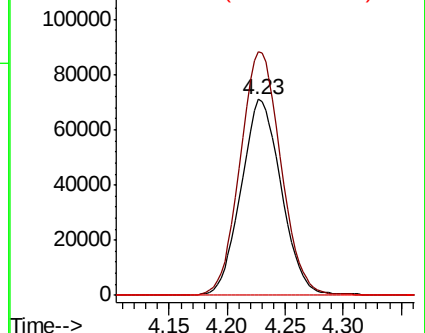
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU026320.D (-1114) (-)

Ion 61.00 (60.70 to 61.70): VU026320.D (-1114) (-)

Ion 68.00 (67.70 to 68.70): VU026320.D (-1114) (-)



#34

Trichloroethene

Concen: 54.24 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU026320.D

Acq: 23 Aug 2018 23:42

Tgt Ion: 95 Resp: 116195

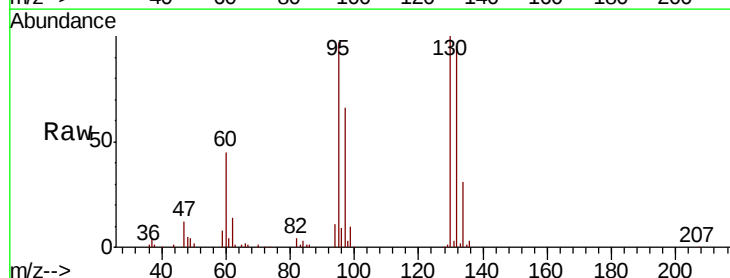
Ion Ratio Lower Upper

95 100

97 67.6 47.2 87.6

132 98.1 70.2 130.4

130 103.0 73.4 136.4



Abundance Ion 95.00 (94.70 to 95.70): VU026320.D (-1728) (-)

Ion 97.00 (96.70 to 97.70): VU026320.D (-1728) (-)

Ion 132.00 (131.70 to 132.70): VU026320.D (-1728) (-)

Ion 130.00 (129.70 to 130.70): VU026320.D (-1728) (-)

