

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082718\
 Data File : VU026390.D
 Acq On : 27 Aug 2018 11:40
 Operator : MD/SY
 Sample : J4622-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBJ1

Quant Time: Aug 27 12:07:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 22 14:14:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	334211	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	328897	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	187574	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	148646	72.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	145.84%#
7) Chloroethane-d5	1.68	69	78528	47.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.48%
11) 1,1-Dichloroethene-d2	2.27	63	144384	36.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.08%
21) 2-Butanone-d5	4.18	46	227353	139.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	139.74%#
24) Chloroform-d	4.65	84	212347	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.48%
26) 1,2-Dichloroethane-d4	5.31	65	141496	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.70%
32) Benzene-d6	5.34	84	413031	46.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.88%
36) 1,2-Dichloropropane-d6	6.33	67	132091	46.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.52%
41) Toluene-d8	7.57	98	384643	45.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.48%
43) trans-1,3-Dichloropropene-	7.85	79	66504	45.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.12%
47) 2-Hexanone-d5	8.31	63	161569	133.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	133.81%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	204232	48.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	181040	45.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.98%

Target Compounds

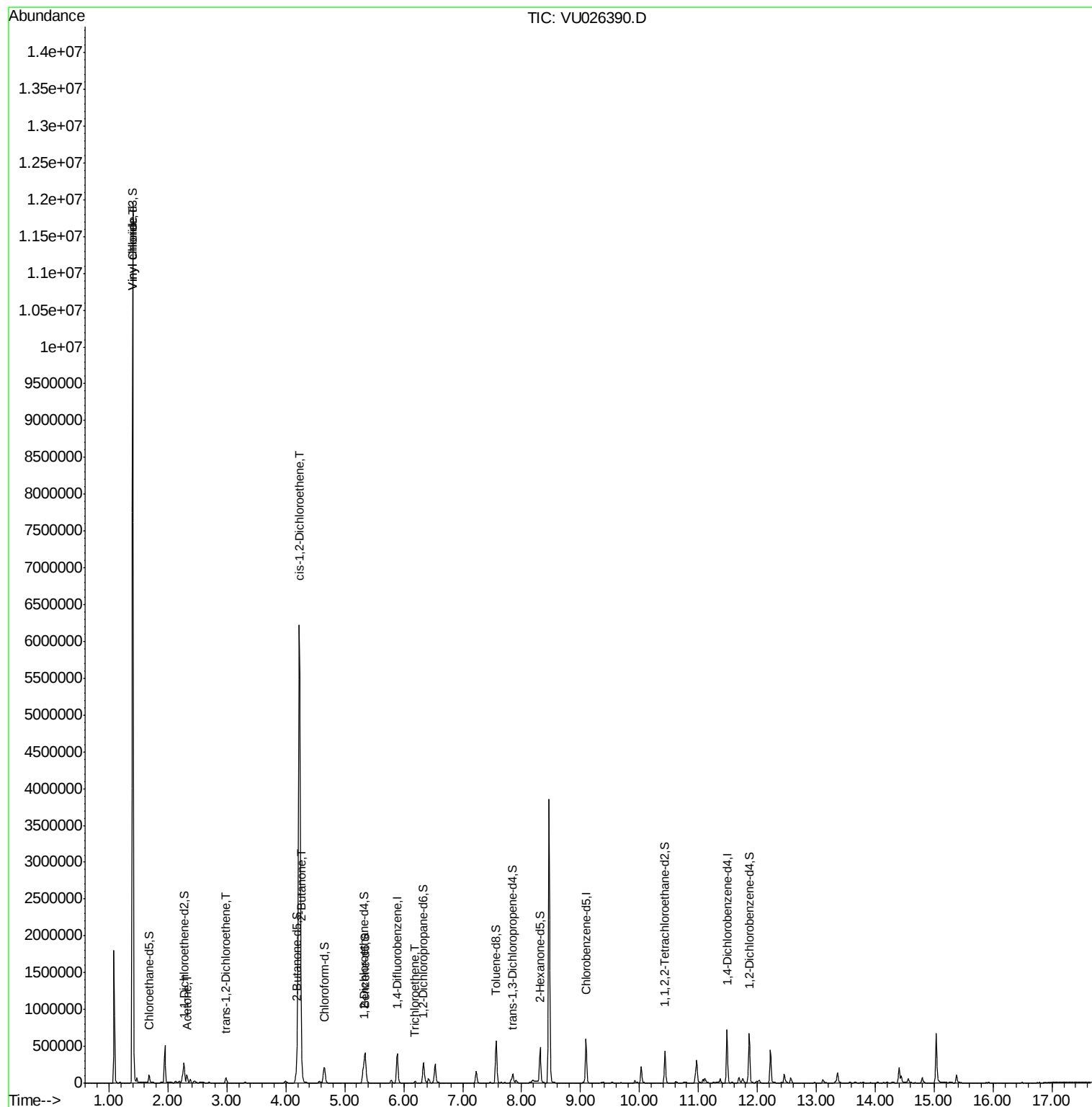
						Ovalue
5) Vinyl chloride	1.40	62	7337452	3009.95	ug/L	100
13) Acetone	2.32	43	114061	90.59	ug/L	100
17) trans-1,2-Dichloroethene	2.99	96	28720	13.25	ug/L	96
20) cis-1,2-Dichloroethene	4.23	96	3568780	1491.19	ug/L	99
22) 2-Butanone	4.27	43	203724	120.93	ug/L	98
34) Trichloroethene	6.19	95	3862	1.63	ug/L	83

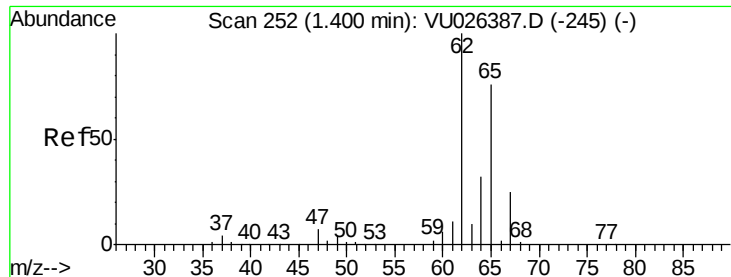
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3009.95 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU026390.D

Acq: 27 Aug 2018 11:40

Instrument :

MSVOA_U

ClientSampled :

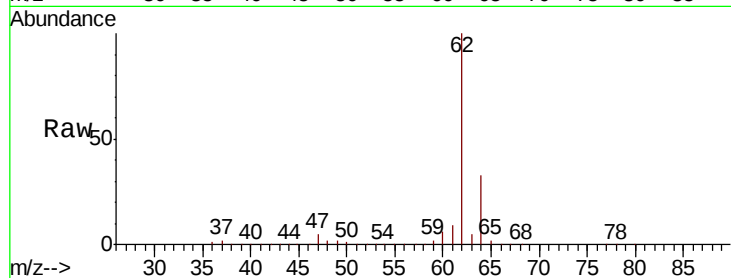
ETBJ1

Tot Ion: 62 Resp: 7337452

Ion Ratio Lower Upper

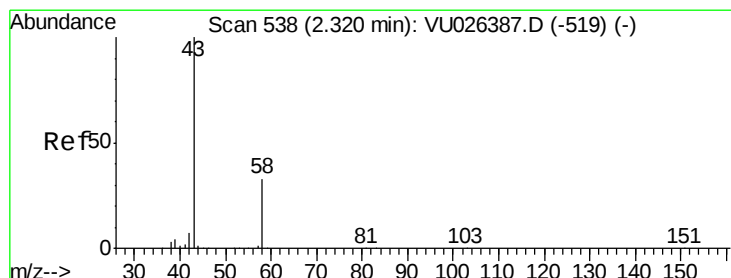
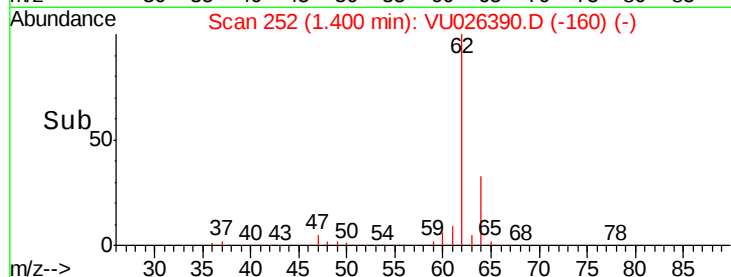
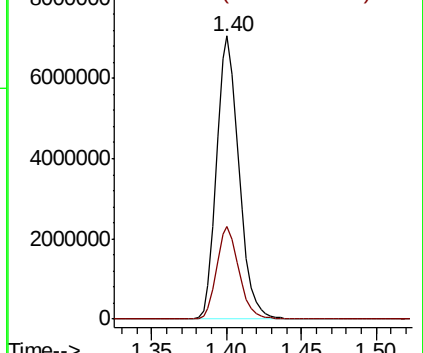
62 100

64 32.6 23.0 42.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#13

Acetone

Concen: 90.59 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU026390.D

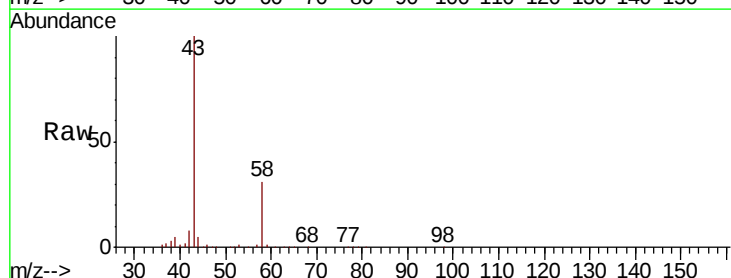
Acq: 27 Aug 2018 11:40

Tgt Ion: 43 Resp: 114061

Ion Ratio Lower Upper

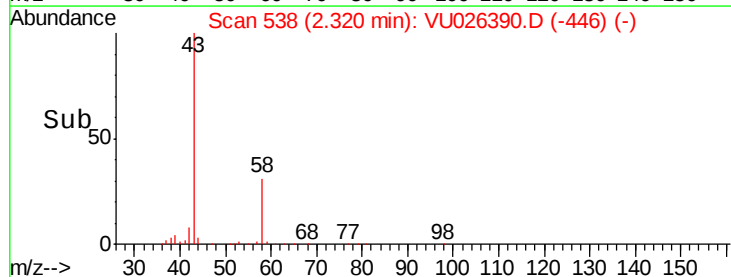
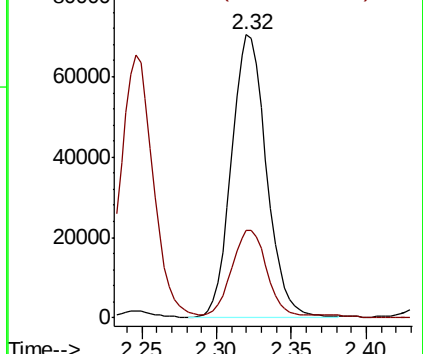
43 100

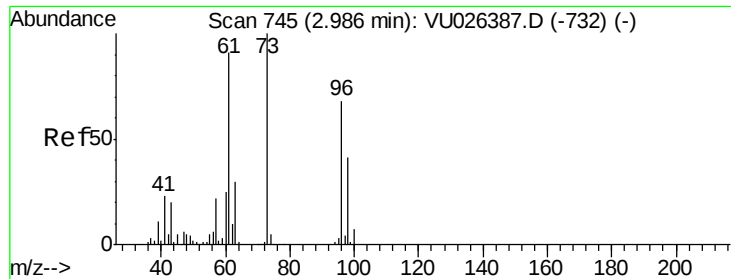
58 31.7 0.0 63.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

trans-1,2-Dichloroethene

Concen: 13.25 ug/L

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU026390.D

Acq: 27 Aug 2018 11:40

Instrument :

MSVOA_U

ClientSampleId :

ETBJ1

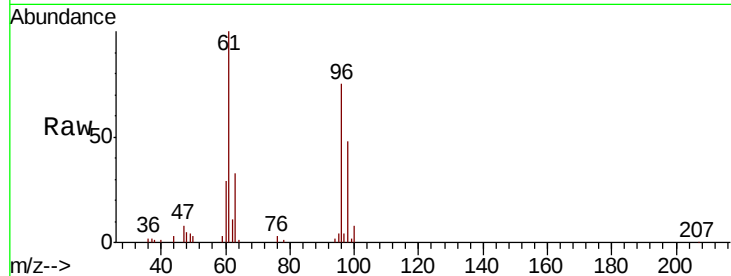
Tot Ion: 96 Resp: 28720

Ion Ratio Lower Upper

96 100

61 132.5 97.7 181.5

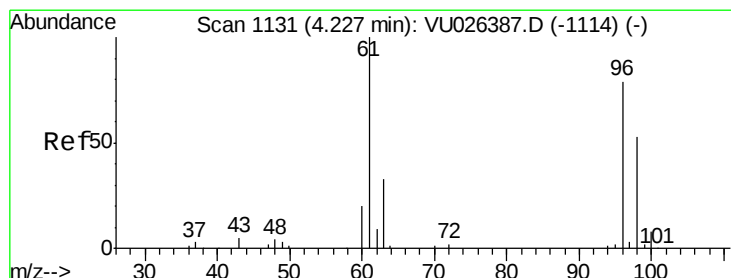
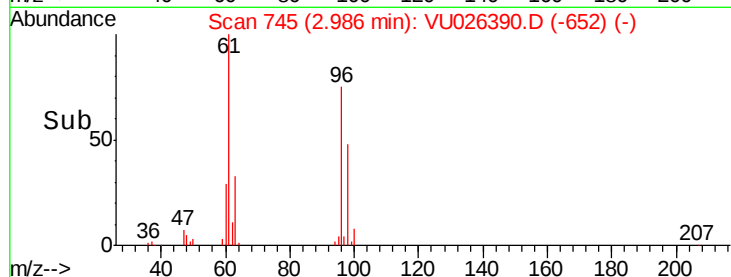
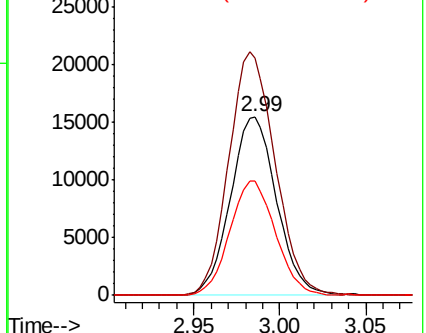
98 63.9 44.2 82.0



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: 1491.19 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU026390.D

Acq: 27 Aug 2018 11:40

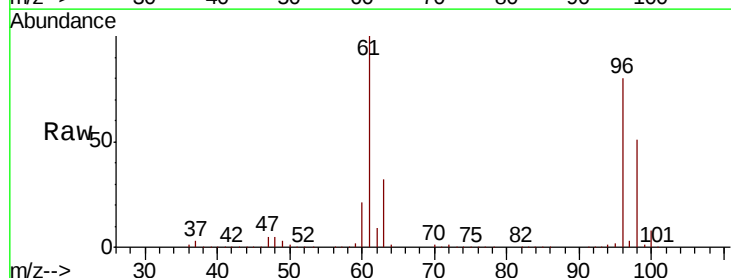
Tgt Ion: 96 Resp: 3568780

Ion Ratio Lower Upper

96 100

61 125.6 88.8 165.0

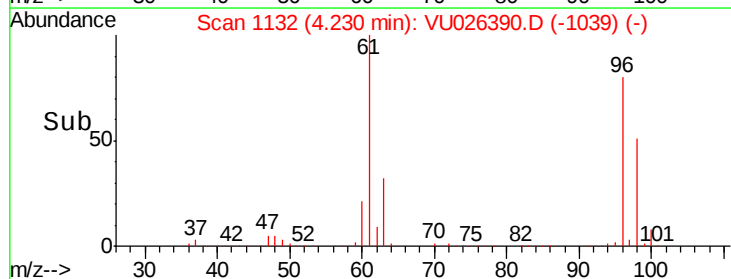
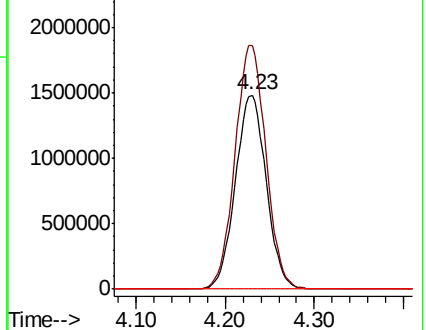
68 0.0 0.0 0.0

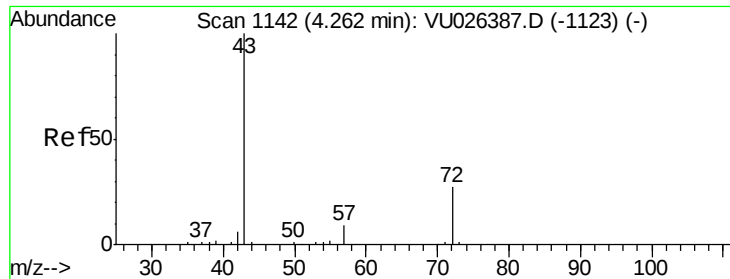


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#22

2-Butanone

Concen: 120.93 ug/L

RT: 4.27 min Scan# 1143

Delta R.T. -0.00 min

Lab File: VU026390.D

Acq: 27 Aug 2018 11:40

Instrument :

MSVOA_U

ClientSampleId :

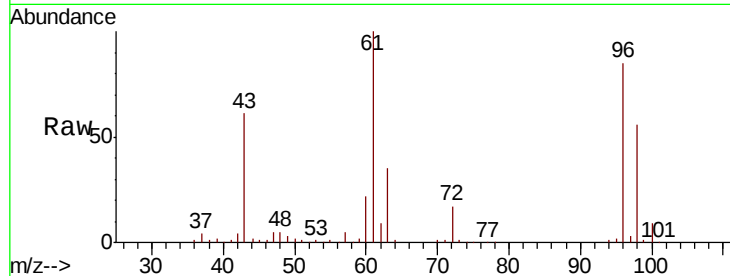
ETBJ1

Tot Ion: 43 Resp: 203724

Ion Ratio Lower Upper

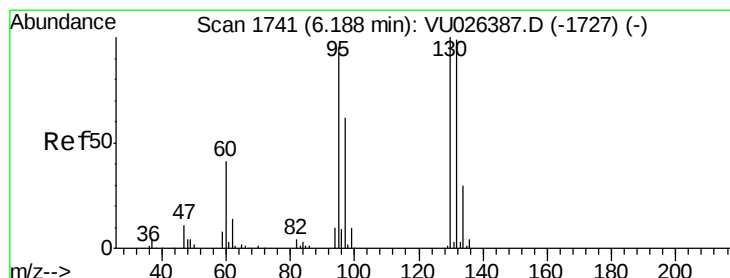
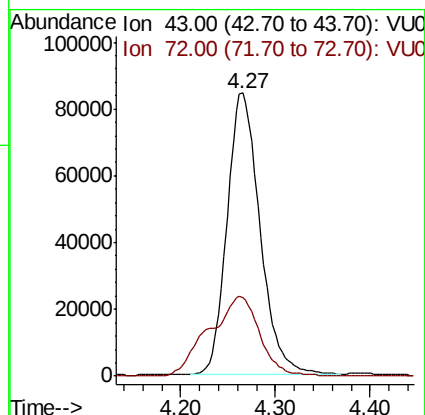
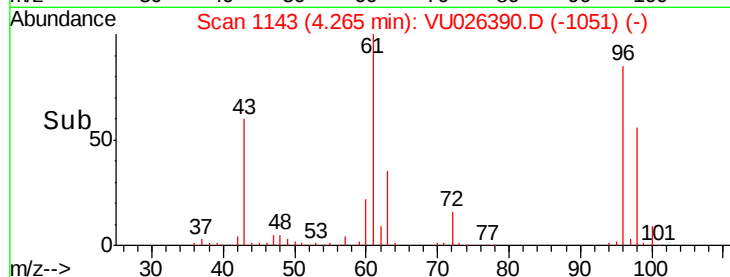
43 100

72 27.6 13.2 39.6



Abundance Ion 43.00 (42.70 to 43.70): VU026390.D (-1051) (-)

Ion 72.00 (71.70 to 72.70): VU026390.D (-1051) (-)



#34

Trichloroethene

Concen: 1.63 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU026390.D

Acq: 27 Aug 2018 11:40

Tgt Ion: 95 Resp: 3862

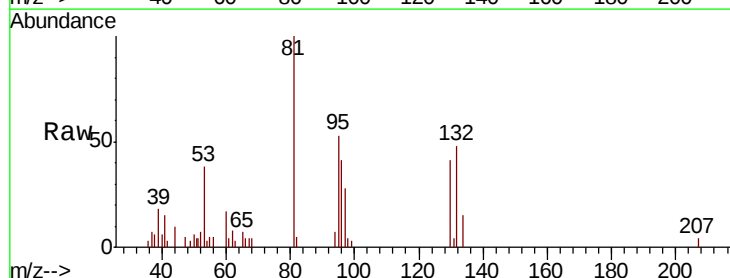
Ion Ratio Lower Upper

95 100

97 52.9 45.7 84.9

132 90.5 70.3 130.7

130 78.2 73.3 136.1



Abundance Ion 95.00 (94.70 to 95.70): VU026390.D (-1649) (-)

Ion 97.00 (96.70 to 97.70): VU026390.D (-1649) (-)

Ion 132.00 (131.70 to 132.70): VU026390.D (-1649) (-)

Ion 130.00 (129.70 to 130.70): VU026390.D (-1649) (-)

