

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082318\
 Data File : VU026324.D
 Acq On : 24 Aug 2018 01:15
 Operator : MD/SY
 Sample : J4622-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBJ1

Quant Time: Aug 24 03:53:53 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	311008	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	310228	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	176447	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	128327	67.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	135.30%#
7) Chloroethane-d5	1.68	69	69916	45.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.27	63	127804	34.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.56%
21) 2-Butanone-d5	4.18	46	217266	143.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	143.51%#
24) Chloroform-d	4.65	84	193262	45.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.42%
26) 1,2-Dichloroethane-d4	5.31	65	129231	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.94%
32) Benzene-d6	5.35	84	377671	45.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.02%
36) 1,2-Dichloropropane-d6	6.33	67	123657	46.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.80%
41) Toluene-d8	7.57	98	342768	43.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.42%
43) trans-1,3-Dichloropropene-	7.85	79	61363	44.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.14%
47) 2-Hexanone-d5	8.31	63	145080	127.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	127.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	188162	47.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	162559	43.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.84%

Target Compounds

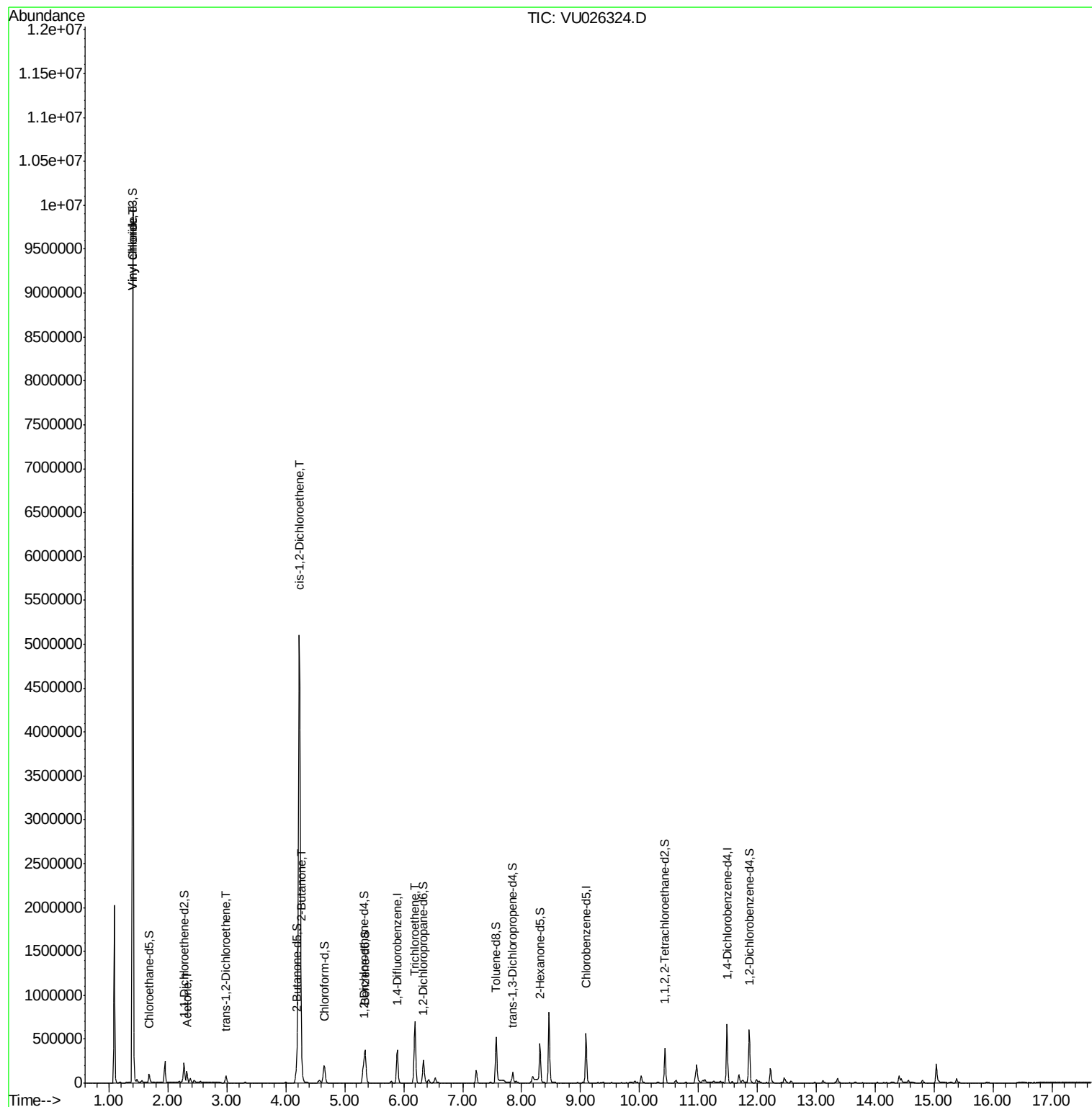
						Ovalue
5) Vinyl chloride	1.40	62	6052300	2667.99	ug/L	96
13) Acetone	2.32	43	128907	110.01	ug/L	99
17) trans-1,2-Dichloroethene	2.99	96	30050	14.89	ug/L	95
20) cis-1,2-Dichloroethene	4.23	96	2885972	1295.85	ug/L	99
22) 2-Butanone	4.27	43	202839	129.39	ug/L	98
34) Trichloroethene	6.19	95	238758	106.76	ug/L	96

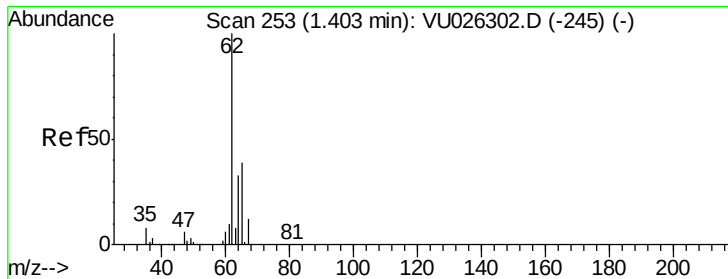
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2667.99 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

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Acq: 24 Aug 2018 01:15

Instrument :

MSVOA_U

ClientSampleId :

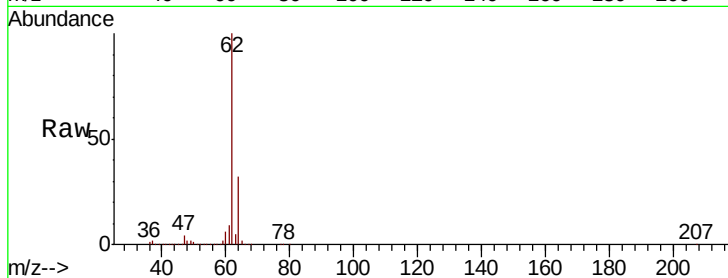
ETBJ1

Tot Ion: 62 Resp: 6052300

Ion Ratio Lower Upper

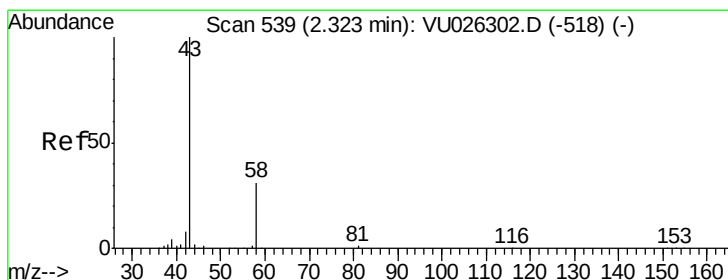
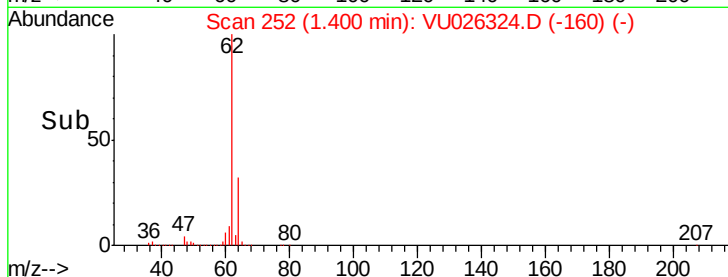
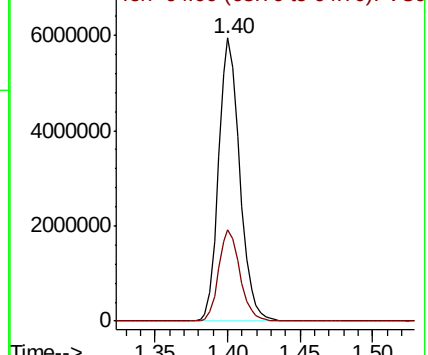
62 100

64 32.4 24.2 45.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#13

Acetone

Concen: 110.01 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU026324.D

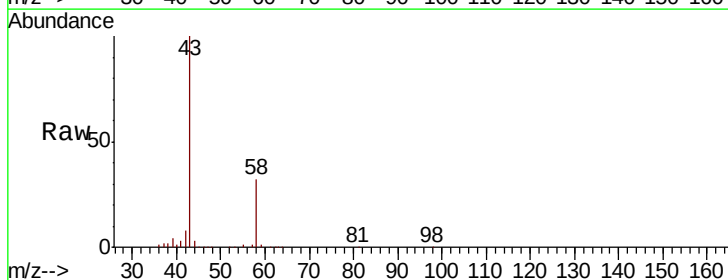
Acq: 24 Aug 2018 01:15

Tgt Ion: 43 Resp: 128907

Ion Ratio Lower Upper

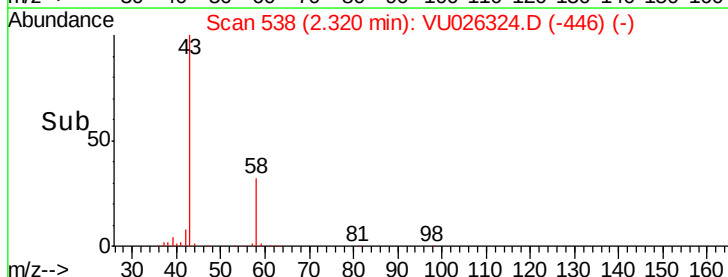
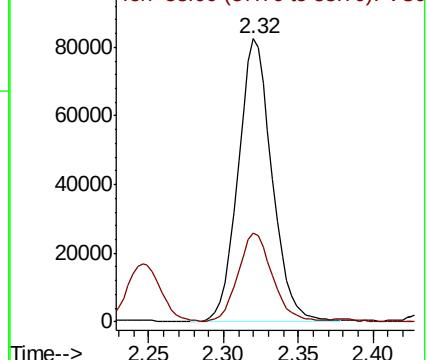
43 100

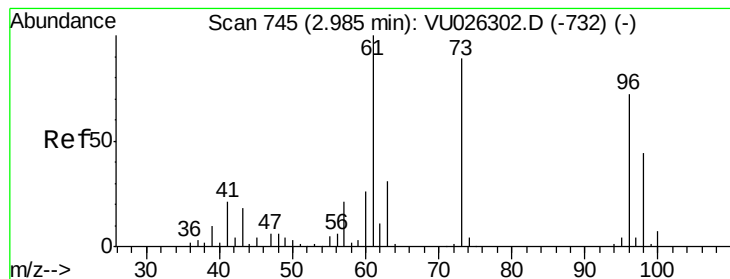
58 31.0 0.0 61.2



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: 14.89 ug/L

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU026324.D

Acq: 24 Aug 2018 01:15

Instrument :

MSVOA_U

ClientSampleId :

ETBJ1

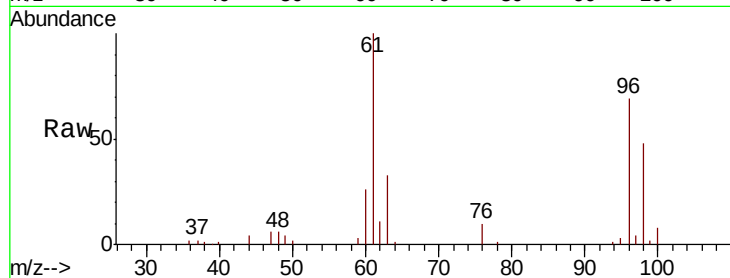
Tot Ion: 96 Resp: 30050

Ion Ratio Lower Upper

96 100

61 145.2 97.9 181.9

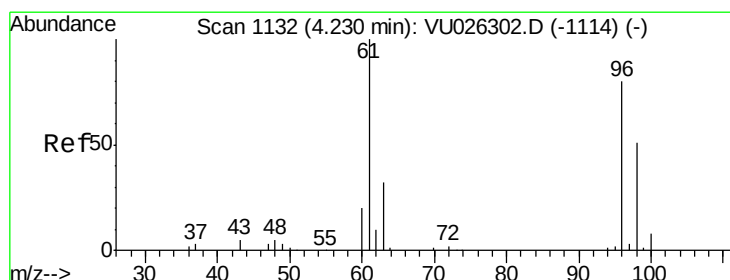
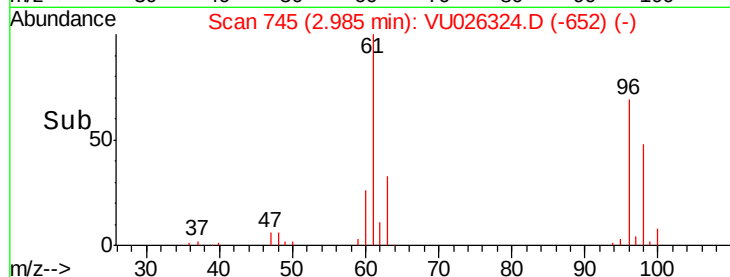
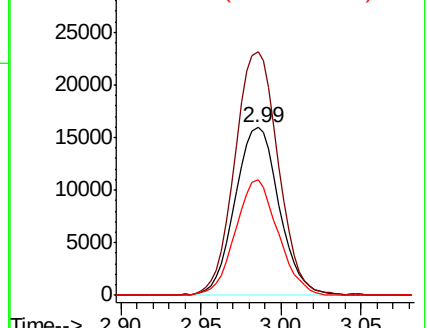
98 69.1 45.1 83.7



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: 1295.85 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU026324.D

Acq: 24 Aug 2018 01:15

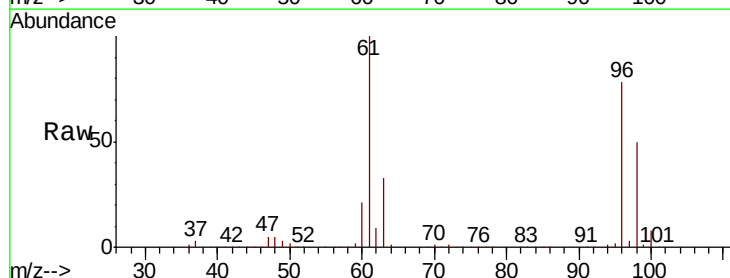
Tgt Ion: 96 Resp: 2885972

Ion Ratio Lower Upper

96 100

61 127.9 90.3 167.7

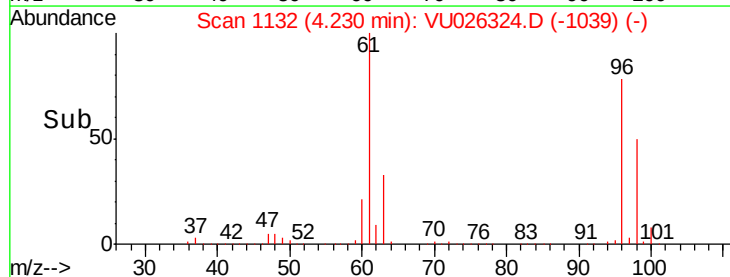
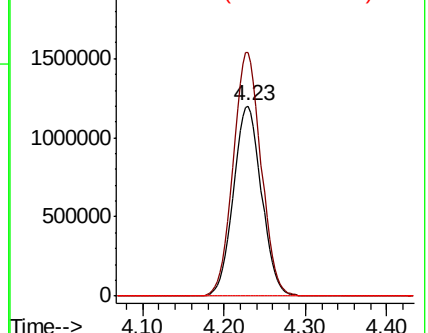
68 0.0 0.0 0.0

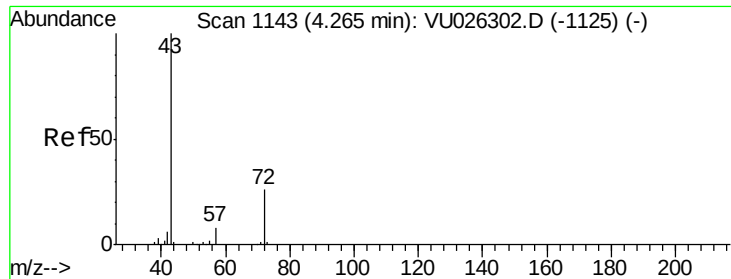


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#22

2-Butanone

Concen: 129.39 ug/L

RT: 4.27 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VU026324.D

Acq: 24 Aug 2018 01:15

Instrument :

MSVOA_U

ClientSampleId :

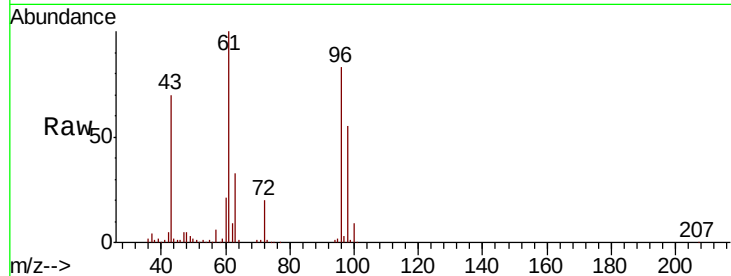
ETBJ1

Tot Ion: 43 Resp: 202839

Ion Ratio Lower Upper

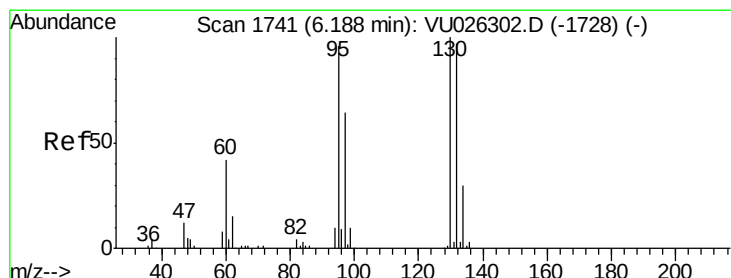
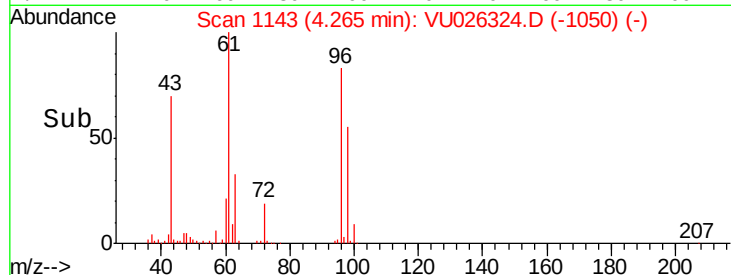
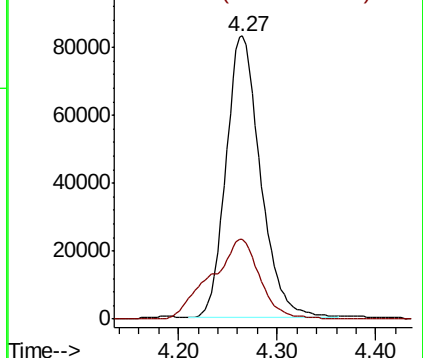
43 100

72 27.4 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: 106.76 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU026324.D

Acq: 24 Aug 2018 01:15

Tgt Ion: 95 Resp: 238758

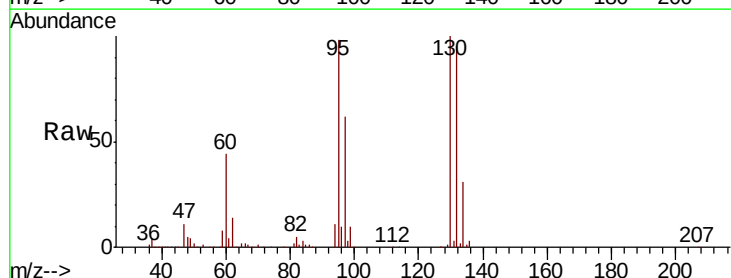
Ion Ratio Lower Upper

95 100

97 63.4 47.2 87.6

132 96.9 70.2 130.4

130 101.7 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

