

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050719\
 Data File : VU031801.D
 Acq On : 07 May 2019 13:53
 Operator : JC/SP
 Sample : K2705-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B45

Quant Time: May 08 07:55:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 06:47:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	560259	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	539121	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	196615	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	203387	43.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.76%
7) Chloroethane-d5	1.68	69	166808	46.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.06%
11) 1,1-Dichloroethene-d2	2.27	63	319152	34.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.36%
21) 2-Butanone-d5	4.18	46	548908	129.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	129.20%
24) Chloroform-d	4.64	84	437552	50.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.90%
26) 1,2-Dichloroethane-d4	5.31	65	319040	56.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.74%
32) Benzene-d6	5.34	84	787917	47.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.18%
36) 1,2-Dichloropropane-d6	6.33	67	302056	51.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.72%
41) Toluene-d8	7.56	98	599042	41.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.08%
43) trans-1,3-Dichloropropene-	7.85	79	114649	45.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.72%
47) 2-Hexanone-d5	8.31	63	283505	112.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	424812	54.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.70%
64) 1,2-Dichlorobenzene-d4	11.86	152	202009	48.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.70%

Target Compounds

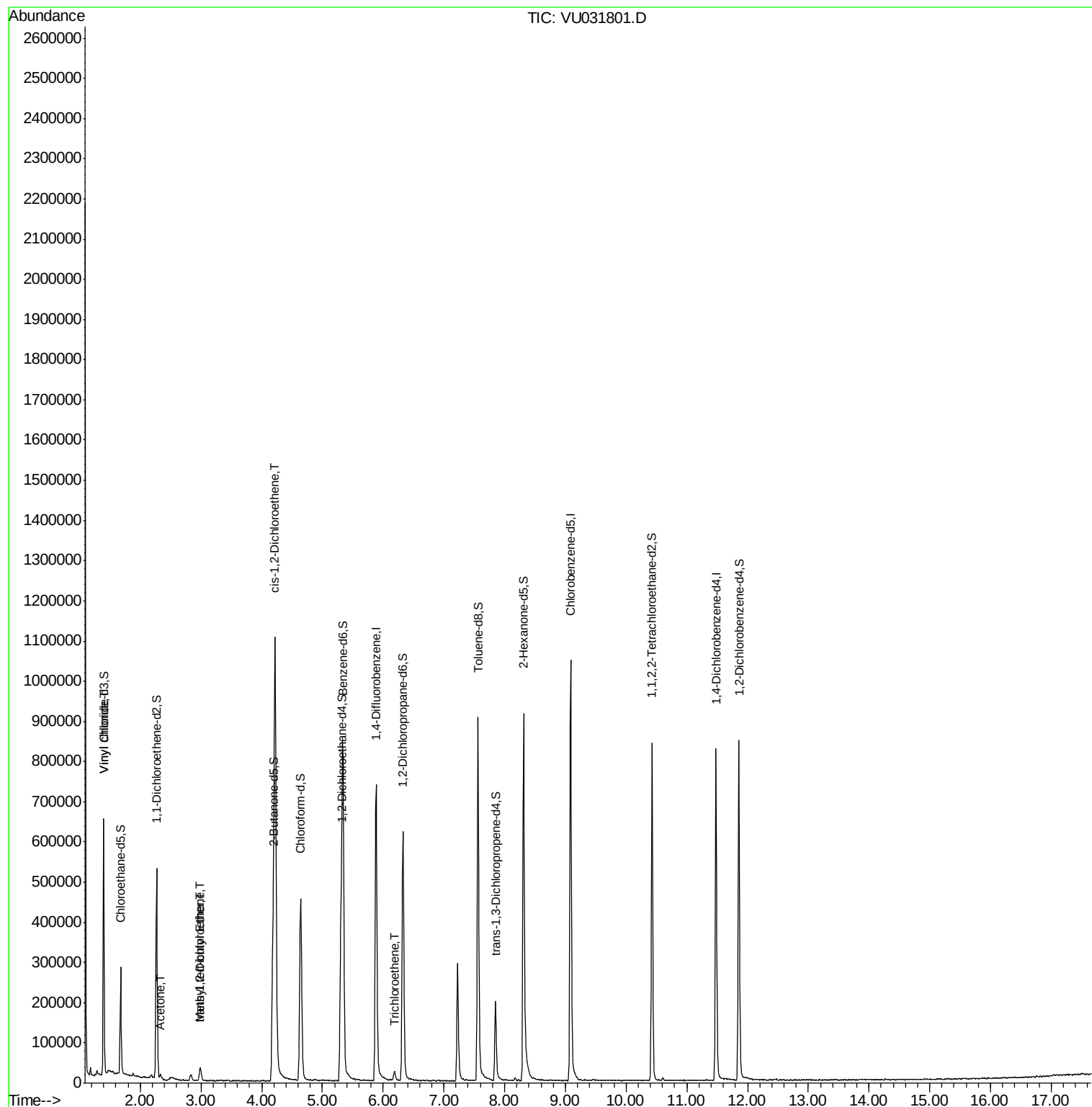
					Ovalue
5) Vinyl chloride	1.40	62	243350	34.919 ug/L	99
13) Acetone	2.33	43	9983	2.086 ug/L	76
17) trans-1,2-Dichloroethene	2.98	96	8398	1.844 ug/L	86
18) Methyl tert-butyl Ether	3.00	73	13598	0.937 ug/L #	93
20) cis-1,2-Dichloroethene	4.22	96	532750	109.040 ug/L	86
34) Trichloroethene	6.19	95	6695	1.393 ug/L	91

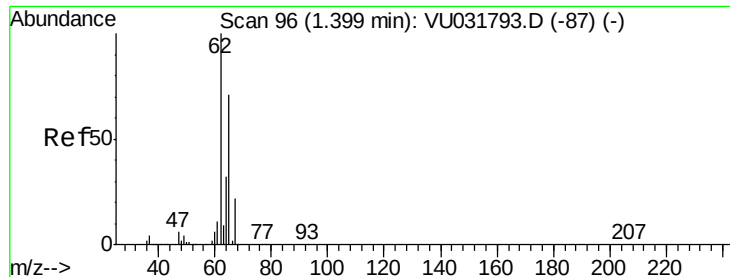
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 34.919 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU031801.D

Acq: 07 May 2019 13:53

Instrument :

MSVOA_U

ClientSampleId :

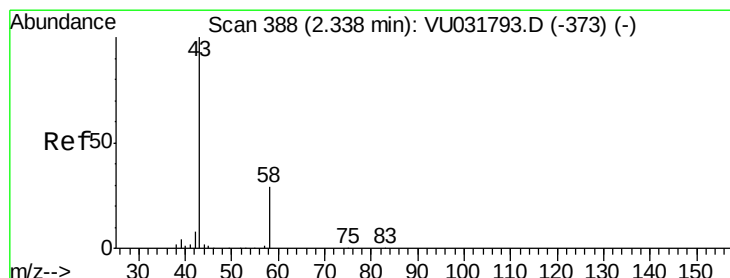
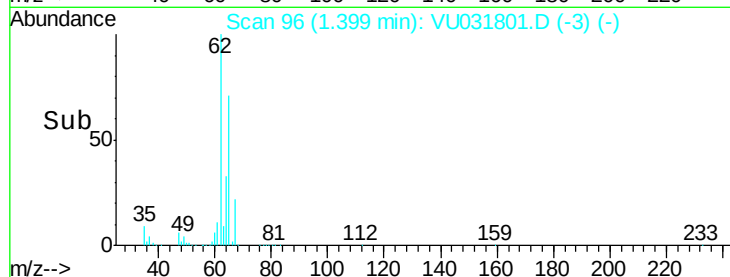
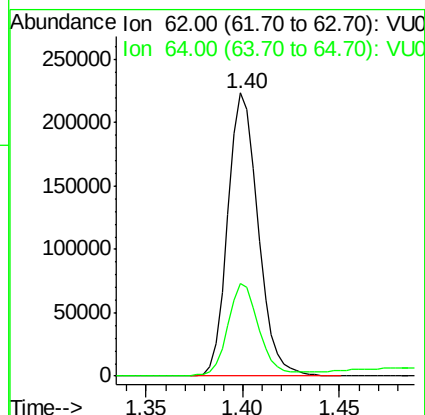
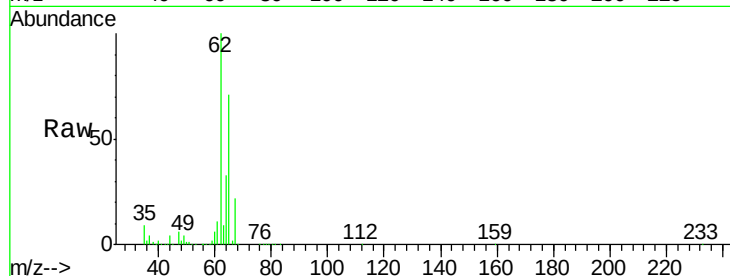
C0B45

Tot Ion: 62 Resp: 243350

Ion Ratio Lower Upper

62 100

64 32.6 23.1 42.9



#13

Acetone

Concen: 2.086 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.00 min

Lab File: VU031801.D

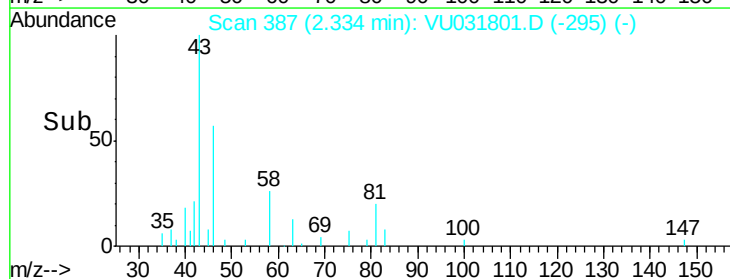
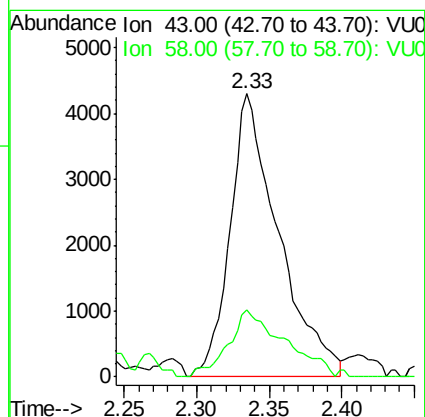
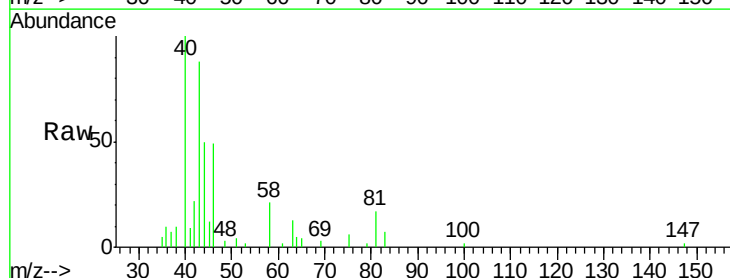
Acq: 07 May 2019 13:53

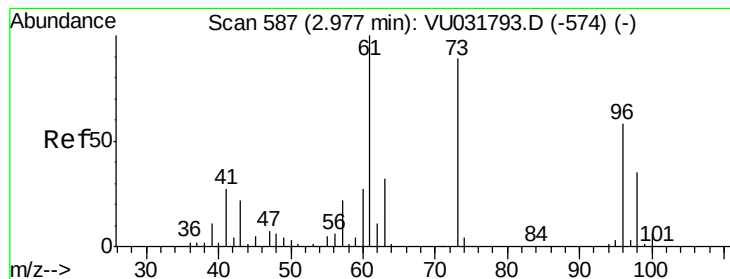
Tgt Ion: 43 Resp: 9983

Ion Ratio Lower Upper

43 100

58 18.6 0.0 64.4





#17

trans-1,2-Dichloroethene

Concen: 1.844 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU031801.D

Acq: 07 May 2019 13:53

Instrument :

MSVOA_U

ClientSampled :

C0B45

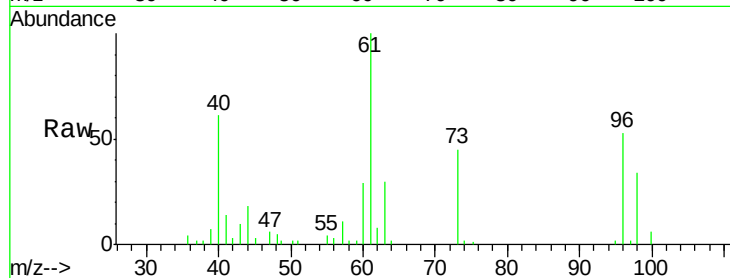
Tot Ion: 96 Resp: 8398

Ion Ratio Lower Upper

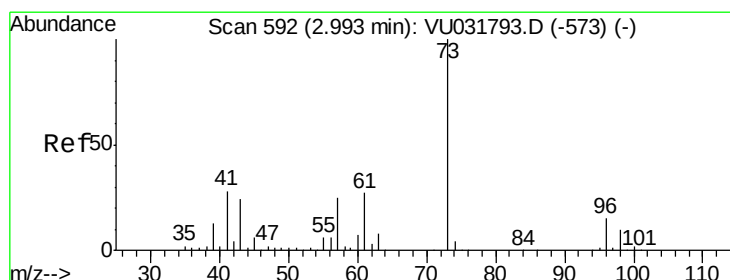
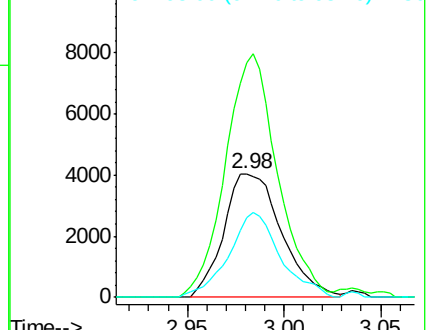
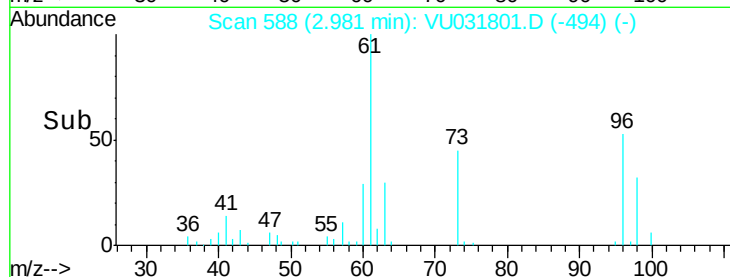
96 100

61 190.3 114.5 212.7

98 64.5 45.4 84.2



Abundance Ion 96.00 (95.70 to 96.70): VU031801.D (-494) (-)



#18

Methyl tert-butyl Ether

Concen: 0.937 ug/L

RT: 3.00 min Scan# 593

Delta R.T. 0.00 min

Lab File: VU031801.D

Acq: 07 May 2019 13:53

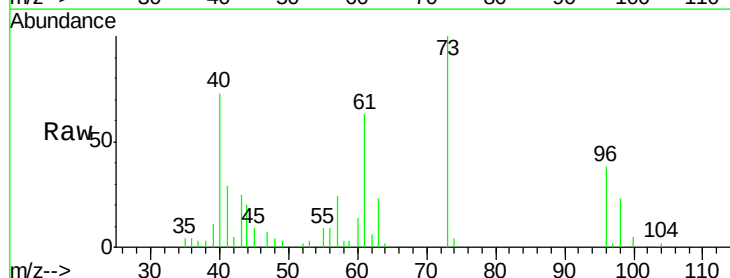
Tgt Ion: 73 Resp: 13598

Ion Ratio Lower Upper

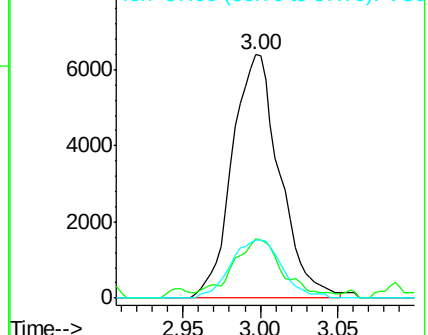
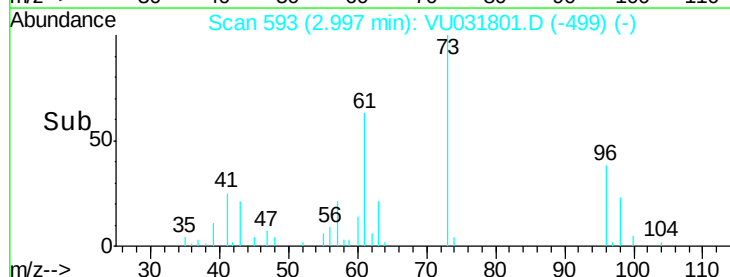
73 100

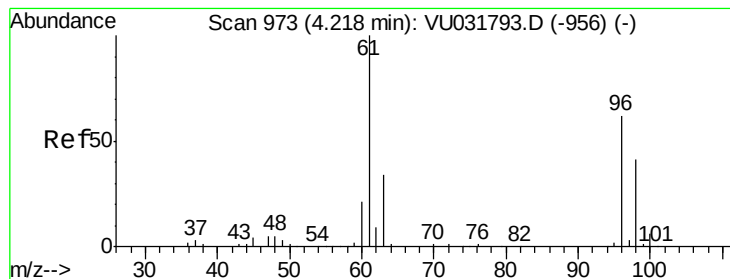
43 15.5 17.0 25.4#

57 25.6 19.5 29.3



Abundance Ion 73.00 (72.70 to 73.70): VU031801.D (-499) (-)



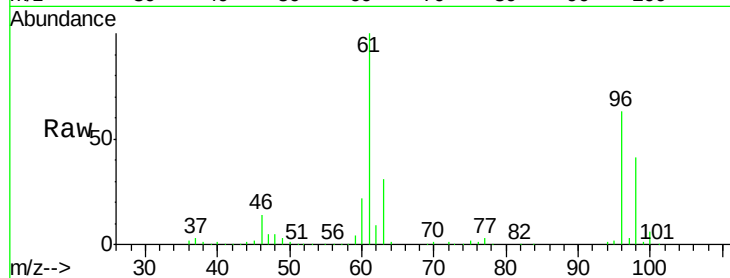


#20

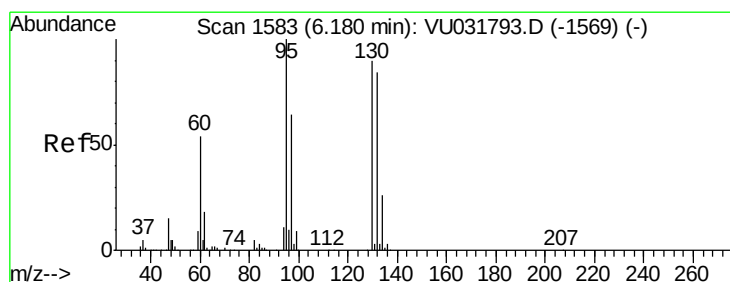
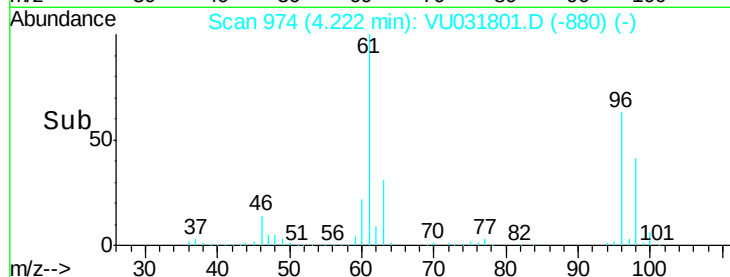
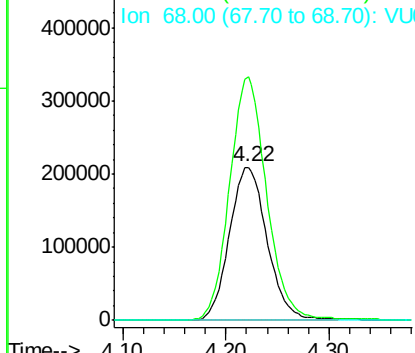
cis-1,2-Dichloroethene
Concen: 109.040 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU031801.D
Acq: 07 May 2019 13:53

Instrument :
MSVOA_U
ClientSampled :
C0B45

Tot Ion: 96 Resp: 532750
Ion Ratio Lower Upper
96 100
61 158.9 99.5 184.7
68 0.0 0.0 0.0



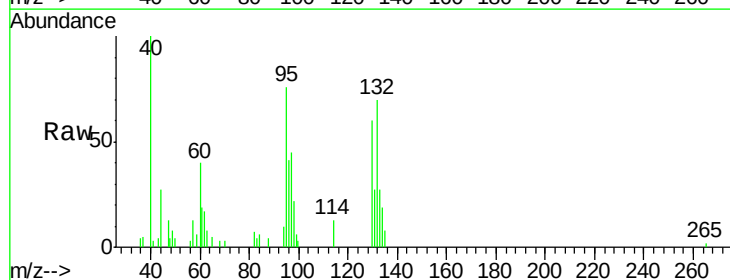
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0



#34

Trichloroethene
Concen: 1.393 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.01 min
Lab File: VU031801.D
Acq: 07 May 2019 13:53

Tgt Ion: 95 Resp: 6695
Ion Ratio Lower Upper
95 100
97 58.6 44.8 83.2
132 92.0 63.1 117.1
130 78.7 66.5 123.5



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

