

Data File : VU031743.D
Acq On : 03 May 2019 12:34
Operator : JC/SP
Sample : K2661-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B38

Quant Time: May 04 02:39:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 04 02:35:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	852633	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	813366	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	321301	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	362779	50.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.68%
7) Chloroethane-d5	1.68	69	278296	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.94%
11) 1,1-Dichloroethene-d2	2.27	63	549415	38.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.32%
21) 2-Butanone-d5	4.19	46	645946	99.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.91%
24) Chloroform-d	4.65	84	566699	43.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.72%
26) 1,2-Dichloroethane-d4	5.31	65	390765	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.54%
32) Benzene-d6	5.34	84	1198306	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.96%
36) 1,2-Dichloropropane-d6	6.33	67	415718	47.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.62%
41) Toluene-d8	7.56	98	1022213	46.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.98%
43) trans-1,3-Dichloropropene-	7.85	79	165960	44.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.00%
47) 2-Hexanone-d5	8.31	63	404378	106.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.32%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	529049	44.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	317463	46.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.96%

Target Compounds

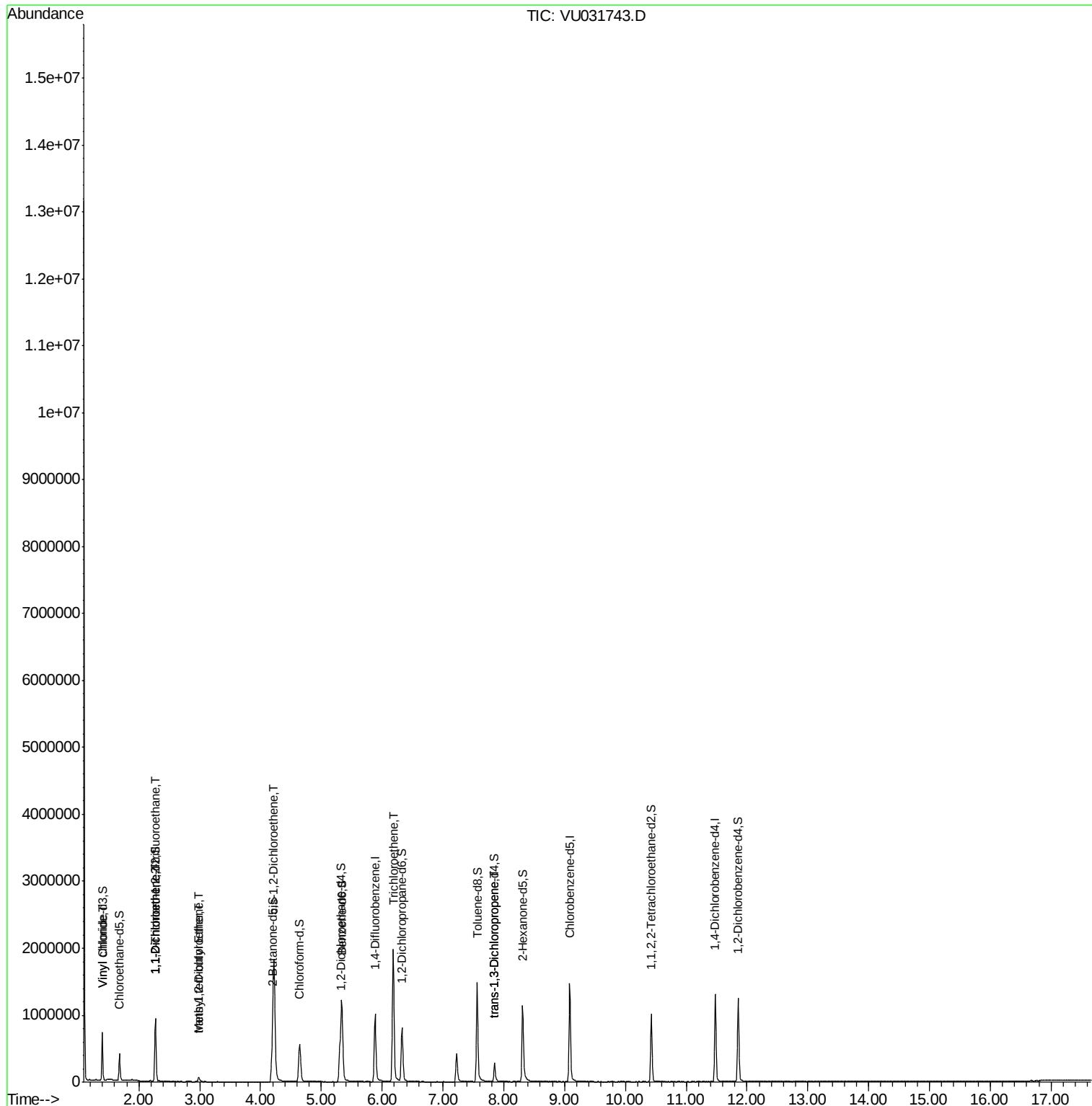
						Qvalue
5) Vinyl chloride	1.40	62	157527	14.853	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4284	0.627	ug/L #	22
12) 1,1-Dichloroethene	2.28	96	44519	6.692	ug/L #	1
17) trans-1,2-Dichloroethene	2.98	96	22323	3.220	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	11606	0.526	ug/L #	80
20) cis-1,2-Dichloroethene	4.22	96	921868	123.982	ug/L	96
34) Trichloroethene	6.18	95	750962	103.597	ug/L	96
44) trans-1,3-Dichloropropene	7.85	75	6854	0.674	ug/L	89

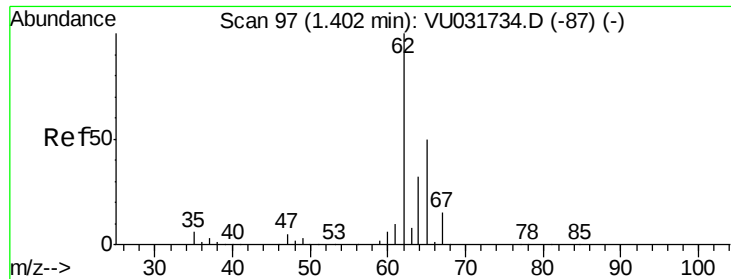
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU031743.D
Acq On : 03 May 2019 12:34
Operator : JC/SP
Sample : K2661-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B38

Quant Time: May 04 02:39:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 04 02:35:16 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 14.853 ug/L

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU031743.D

Acq: 03 May 2019 12:34

Instrument :

MSVOA_U

ClientSampleId :

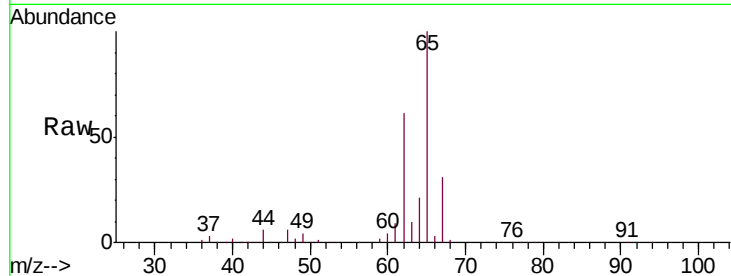
C0B38

Tgt Ion: 62 Resp: 157527

Ion Ratio Lower Upper

62 100

64 35.1 23.1 42.9



Abundance Ion 62.00 (61.70 to 62.70): VU031734.D (-87) (-)

Ion 64.00 (63.70 to 64.70): VU031734.D (-87) (-)

1.40

150000

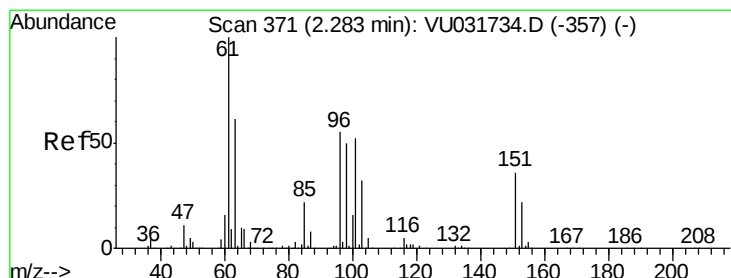
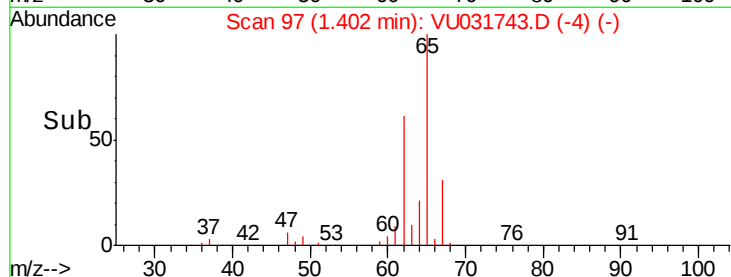
100000

50000

0

1.35 1.40 1.45

Time-->



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.627 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU031743.D

Acq: 03 May 2019 12:34

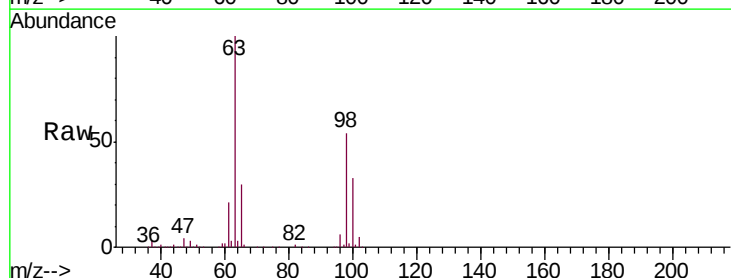
Tgt Ion: 101 Resp: 4284

Ion Ratio Lower Upper

101 100

85 1.4 36.1 54.1#

151 0.0 56.1 84.1#



Abundance Ion 101.00 (100.70 to 101.70): VU031734.D (-357) (-)

Ion 85.00 (84.70 to 85.70): VU031734.D (-357) (-)

Ion 151.00 (150.70 to 151.70): VU031734.D (-357) (-)

2.27

3000

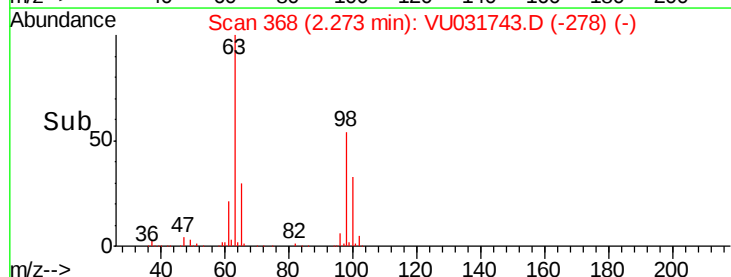
2000

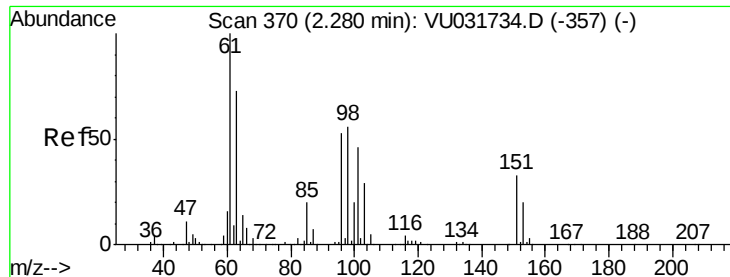
1000

0

2.25 2.27 2.30

Time-->





#12

1,1-Dichloroethene

Concen: 6.692 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU031743.D

Acq: 03 May 2019 12:34

Instrument :

MSVOA_U

ClientSampleId :

C0B38

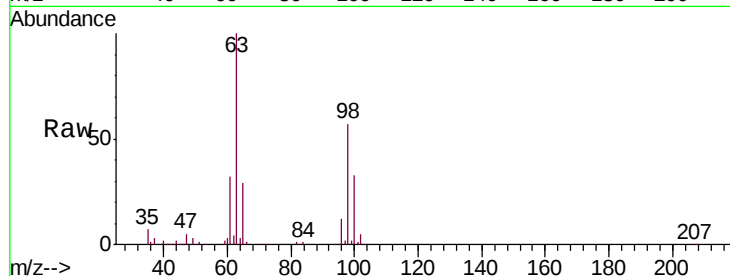
Tgt Ion: 96 Resp: 44519

Ion Ratio Lower Upper

96 100

61 265.7 135.0 250.6#

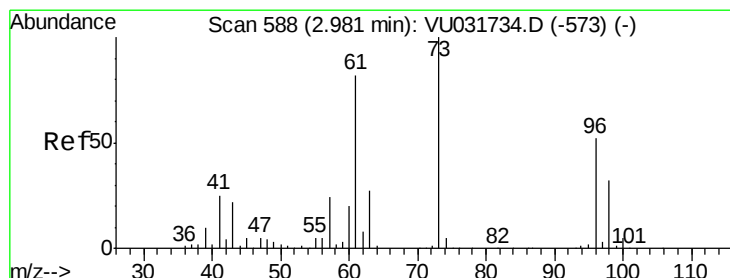
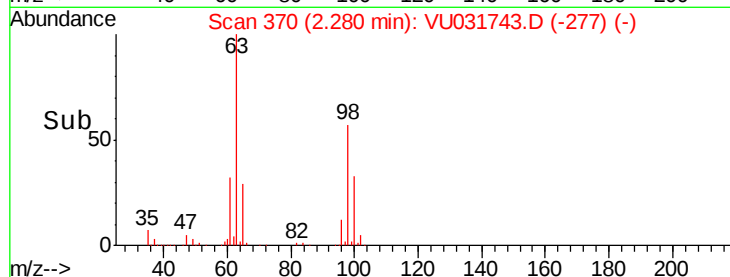
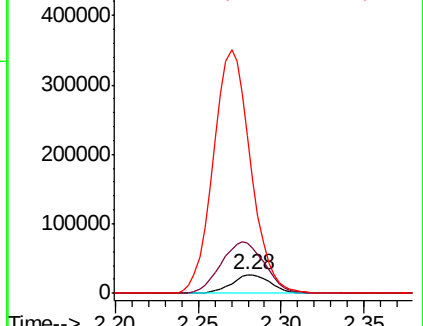
63 838.3 103.5 192.3#



Abundance Ion 96.00 (95.70 to 96.70): VU031734.D (-357) (-)

Ion 61.00 (60.70 to 61.70): VU031734.D (-357) (-)

Ion 63.00 (62.70 to 63.70): VU031734.D (-357) (-)



#17

trans-1,2-Dichloroethene

Concen: 3.220 ug/L

RT: 2.98 min Scan# 589

Delta R.T. 0.00 min

Lab File: VU031743.D

Acq: 03 May 2019 12:34

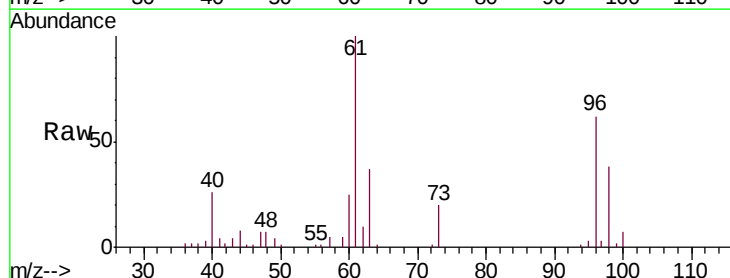
Tgt Ion: 96 Resp: 22323

Ion Ratio Lower Upper

96 100

61 161.2 114.5 212.7

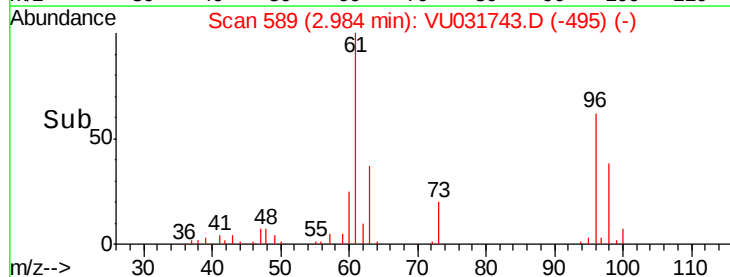
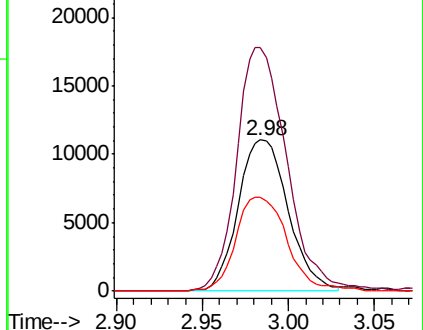
98 61.7 45.4 84.2

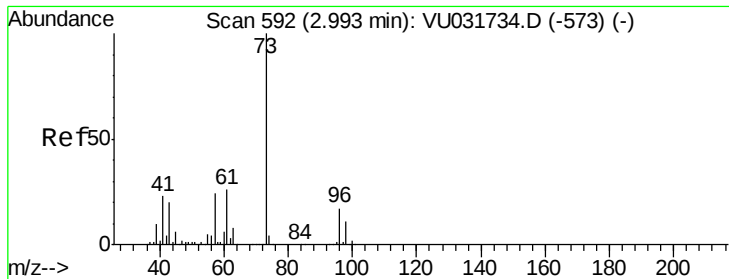


Abundance Ion 96.00 (95.70 to 96.70): VU031734.D (-573) (-)

Ion 61.00 (60.70 to 61.70): VU031734.D (-573) (-)

Ion 98.00 (97.70 to 98.70): VU031734.D (-573) (-)





#18

Methyl tert-butyl Ether

Concen: 0.526 ug/L

RT: 3.00 min Scan# 594

Delta R.T. 0.01 min

Lab File: VU031743.D

Acq: 03 May 2019 12:34

Instrument :

MSVOA_U

ClientSampleId :

C0B38

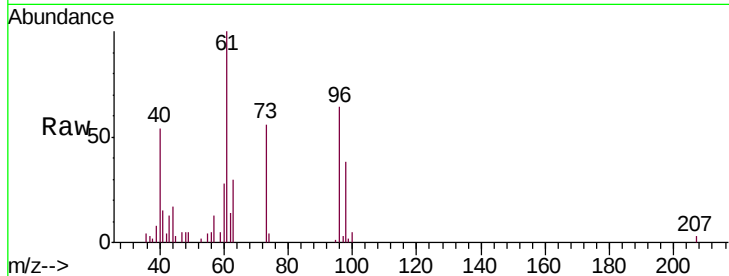
Tgt Ion: 73 Resp: 11606

Ion Ratio Lower Upper

73 100

43 9.9 17.0 25.4#

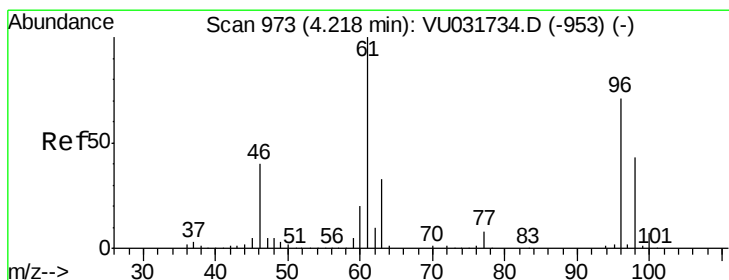
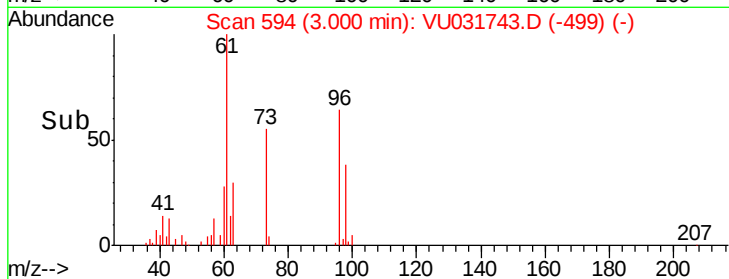
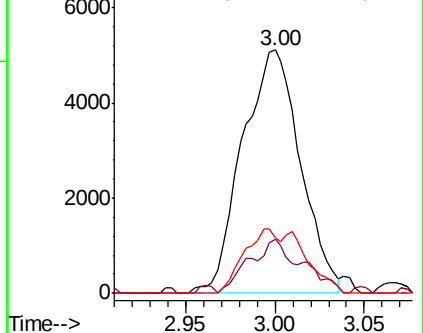
57 16.2 19.5 29.3#



Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 123.982 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU031743.D

Acq: 03 May 2019 12:34

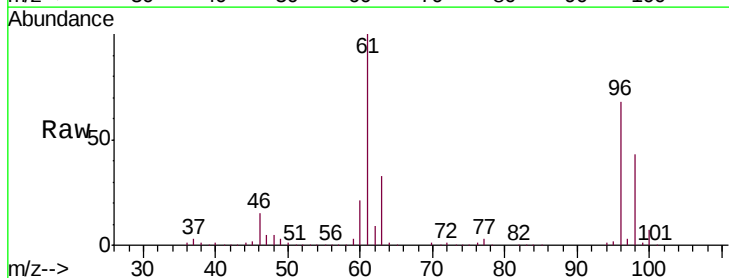
Tgt Ion: 96 Resp: 921868

Ion Ratio Lower Upper

96 100

61 147.0 99.5 184.7

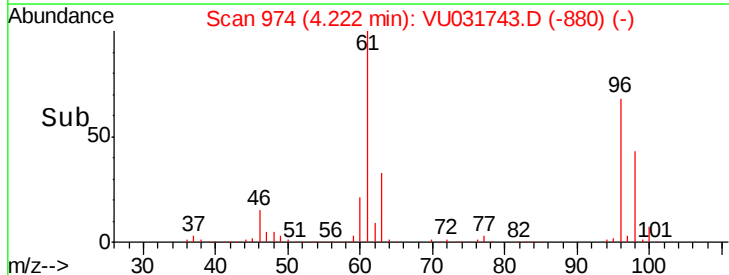
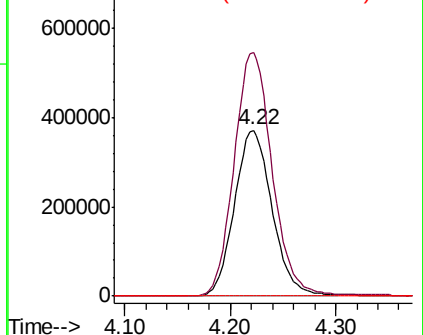
68 0.0 0.0 0.0

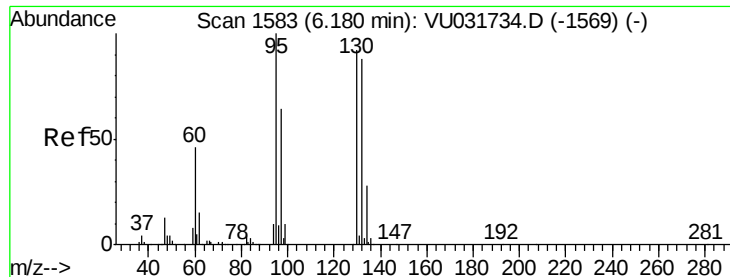


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 103.597 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031743.D

Acq: 03 May 2019 12:34

Instrument :

MSVOA_U

ClientSampled :

C0B38

Tgt Ion: 95 Resp: 750962

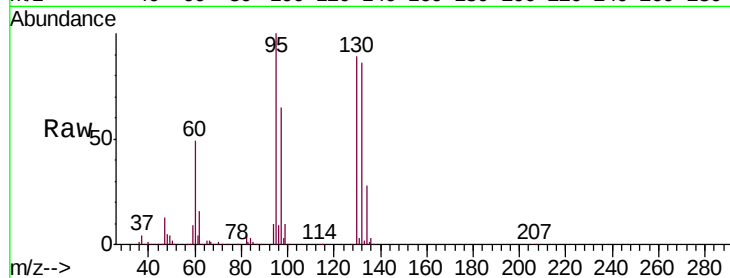
Ion Ratio Lower Upper

95 100

97 64.8 44.8 83.2

132 86.2 63.1 117.1

130 89.5 66.5 123.5

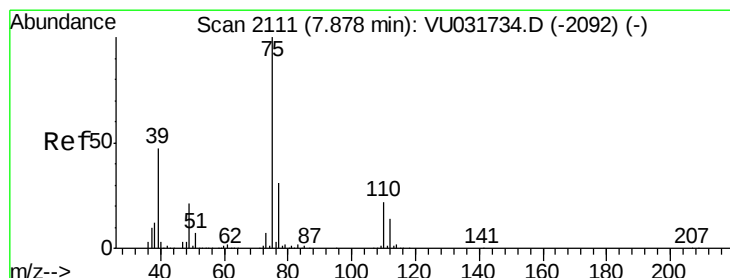
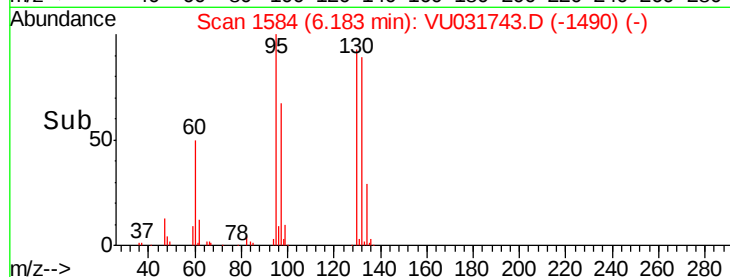
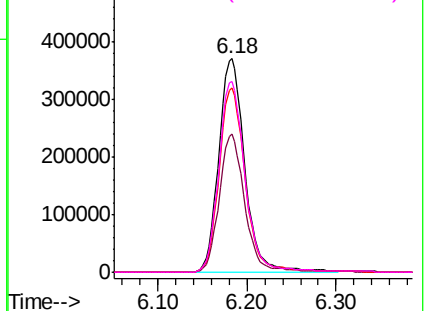


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#44

trans-1,3-Dichloropropene

Concen: 0.674 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031743.D

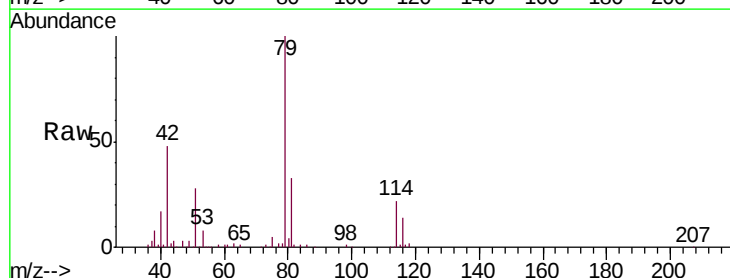
Acq: 03 May 2019 12:34

Tgt Ion: 75 Resp: 6854

Ion Ratio Lower Upper

75 100

77 37.8 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

