

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U061320\
 Data File : VU038860.D
 Acq On : 12 Jun 2020 18:37
 Operator : SY/MD
 Sample : L2990-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YG2

Quant Time: Jun 13 02:45:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 13 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	269498	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	270642	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	126453	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	92304	6.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	125.60%
7) Chloroethane-d5	1.93	69	76296	6.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	129.40%
11) 1,1-Dichloroethene-d2	2.59	63	157816	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.40%
20) 2-Butanone-d5	4.67	46	300167	65.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.22%#
24) Chloroform-d	5.10	84	184182	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.20%
26) 1,2-Dichloroethane-d4	5.74	65	109284	5.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.80%
32) Benzene-d6	5.76	84	374706	5.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.40%
36) 1,2-Dichloropropane-d6	6.72	67	110486	5.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.80%
41) Toluene-d8	7.92	98	306068	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
43) trans-1,3-Dichloropropene-	8.20	79	46693	5.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.20%
46) 2-Hexanone-d5	8.65	63	256870	68.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	137.62%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	96906	5.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	123051	5.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.60%

Target Compounds

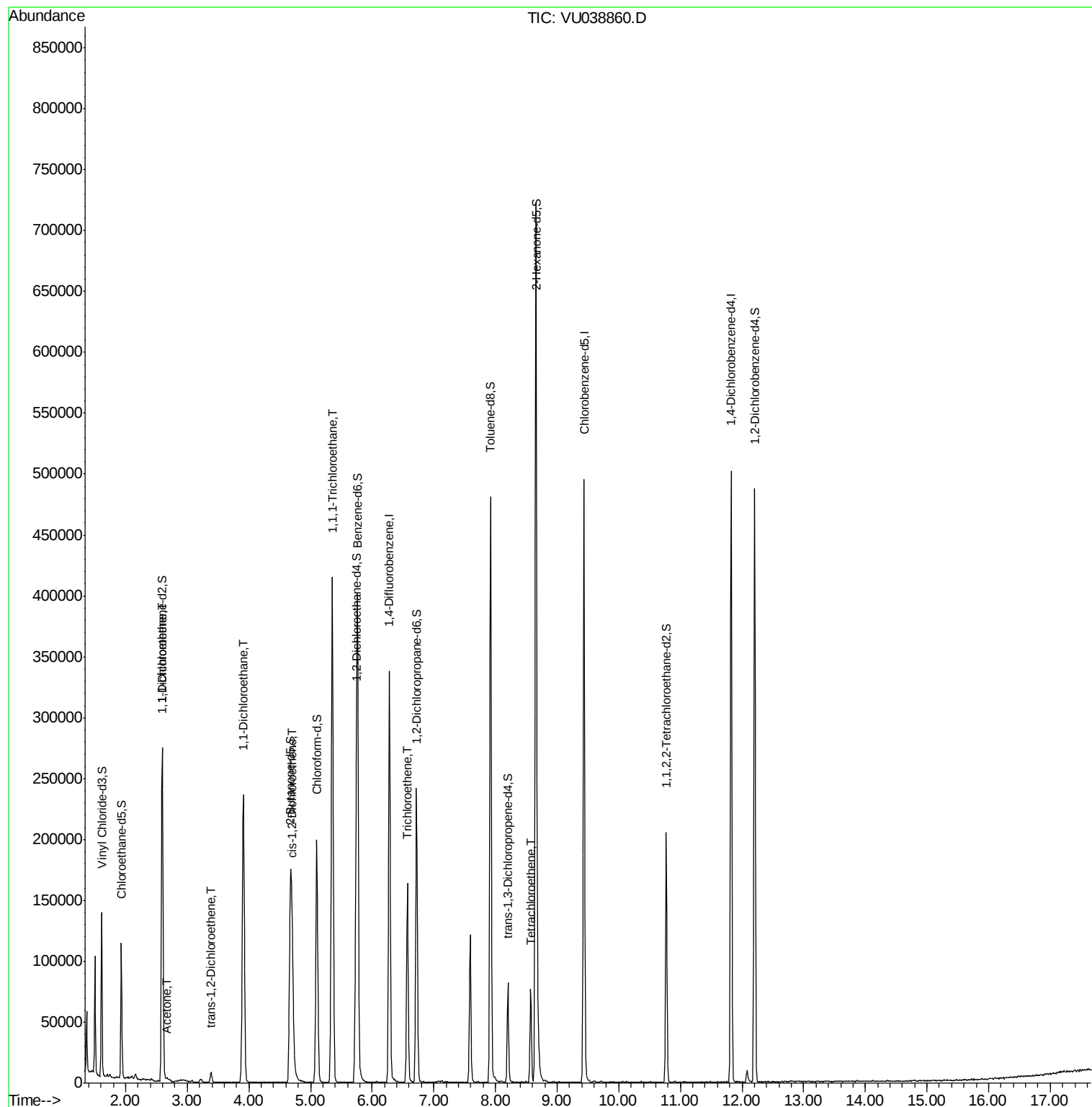
					Ovalue
12) 1,1-Dichloroethene	2.61	96	25660	1.359 ug/L #	32
13) Acetone	2.67	43	4166	1.114 ug/L	56
18) trans-1,2-Dichloroethene	3.39	96	3421	0.169 ug/L	84
19) 1,1-Dichloroethane	3.91	63	274925	7.538 ug/L	97
22) cis-1,2-Dichloroethene	4.71	96	28623	1.356 ug/L	95
29) 1,1,1-Trichloroethane	5.35	97	297225	8.899 ug/L	99
34) Trichloroethene	6.57	95	54262	2.541 ug/L	98
47) Tetrachloroethene	8.57	164	16541	1.006 ug/L	94

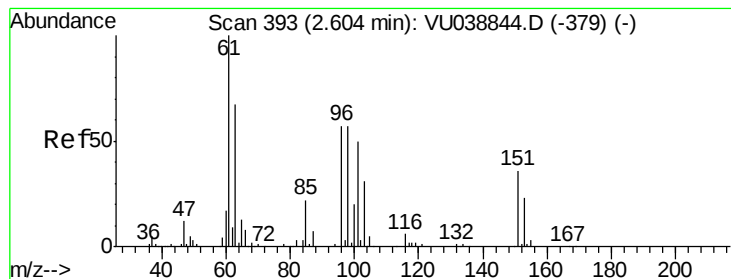
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 13 00:56:28 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.359 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU038860.D

Acq: 12 Jun 2020 18:37

Instrument :

MSVOA_U

ClientSampleId :

E3YG2

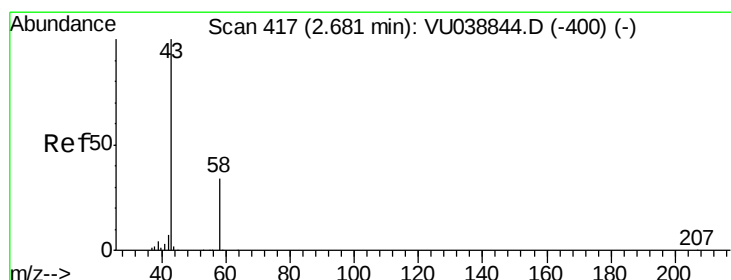
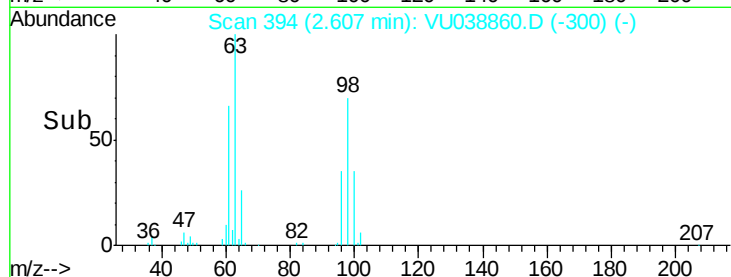
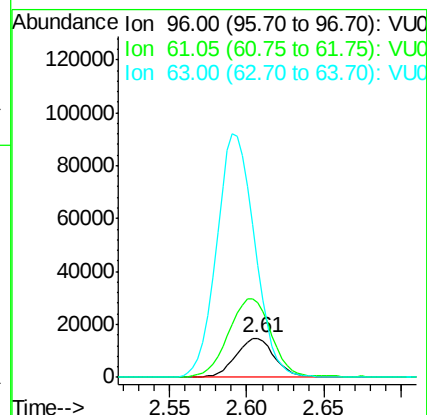
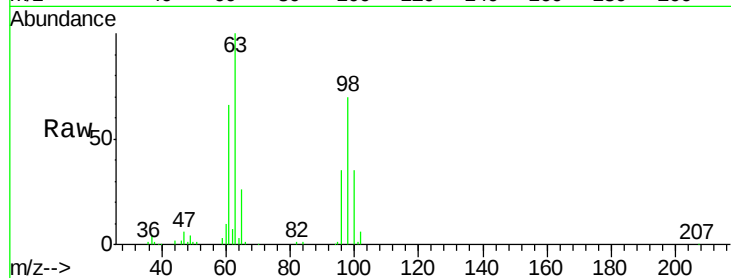
Tot Ion: 96 Resp: 25660

Ion Ratio Lower Upper

96 100

61 191.6 120.2 223.2

63 289.7 90.1 167.3#



#13

Acetone

Concen: 1.114 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

Lab File: VU038860.D

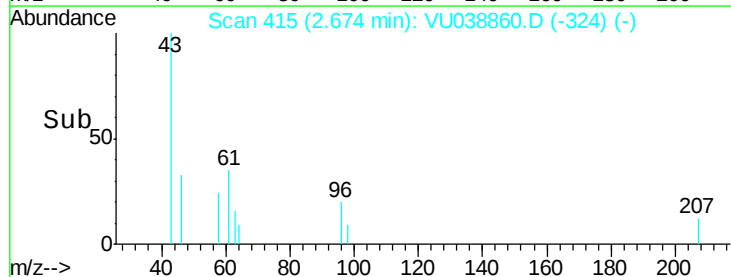
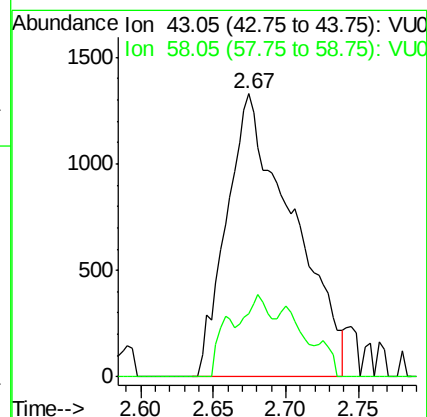
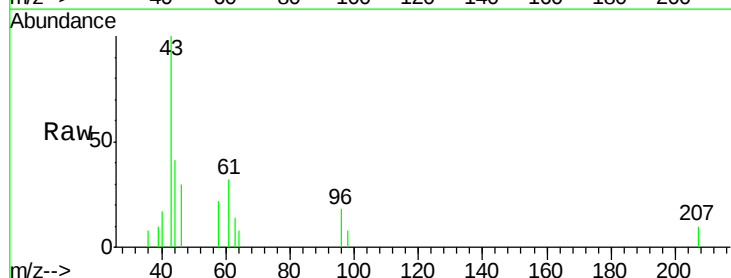
Acq: 12 Jun 2020 18:37

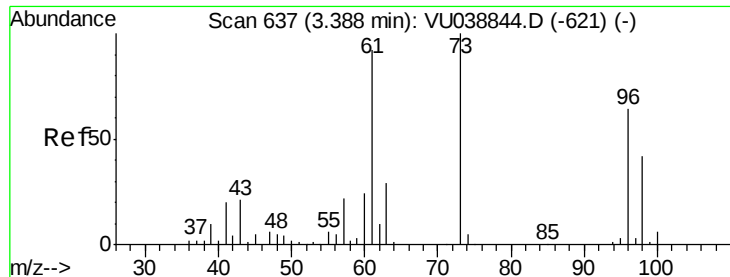
Tgt Ion: 43 Resp: 4166

Ion Ratio Lower Upper

43 100

58 8.1 0.0 66.0

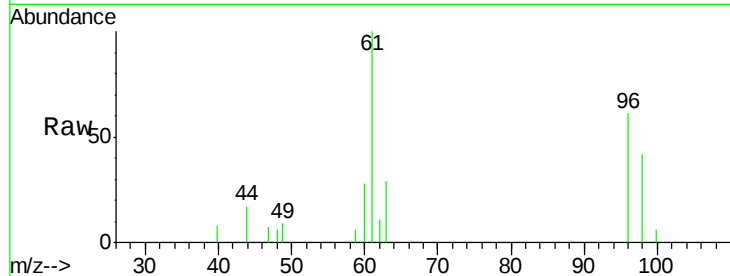




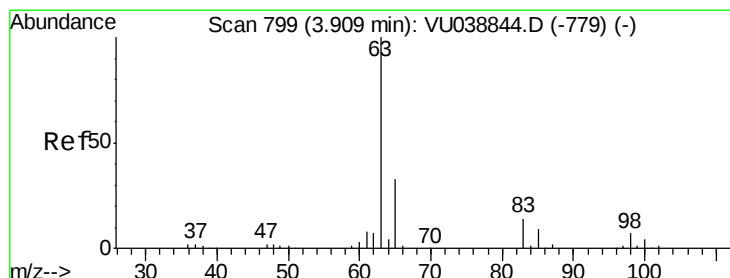
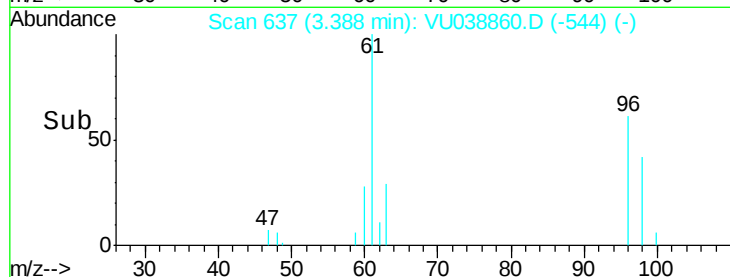
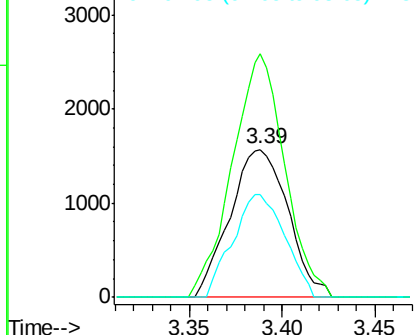
#18
trans-1,2-Dichloroethene
Concen: 0.169 ug/L
RT: 3.39 min Scan# 637
Delta R.T. -0.00 min
Lab File: VU038860.D
Acq: 12 Jun 2020 18:37

Instrument :
MSVOA_U
ClientSampleId :
E3YG2

Tot Ion: 96 Resp: 3421
Ion Ratio Lower Upper
96 100
61 164.8 99.3 184.5
98 69.6 43.9 81.5

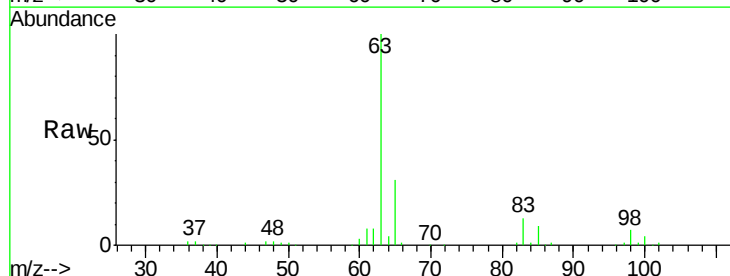


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

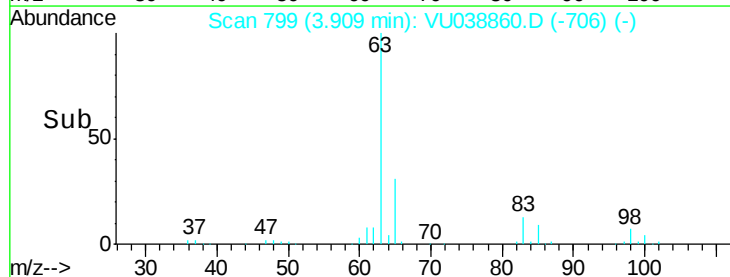
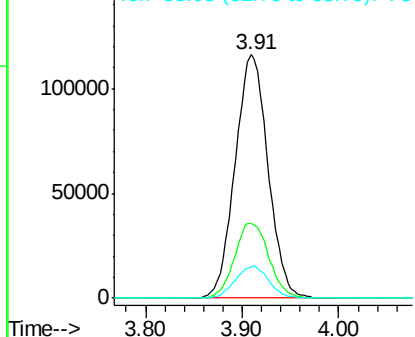


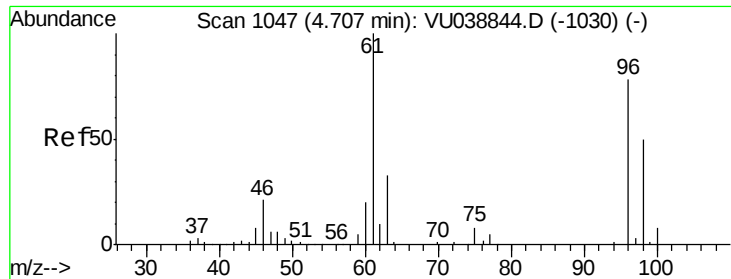
#19
1,1-Dichloroethane
Concen: 7.538 ug/L
RT: 3.91 min Scan# 799
Delta R.T. -0.00 min
Lab File: VU038860.D
Acq: 12 Jun 2020 18:37

Tgt Ion: 63 Resp: 274925
Ion Ratio Lower Upper
63 100
65 30.6 22.3 41.5
83 13.0 10.1 18.9



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 65.10 (64.80 to 65.80): VU0
Ion 83.05 (82.75 to 83.75): VU0





#22

cis-1,2-Dichloroethene

Concen: 1.356 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU038860.D

Acq: 12 Jun 2020 18:37

Instrument :

MSVOA_U

ClientSampled :

E3YG2

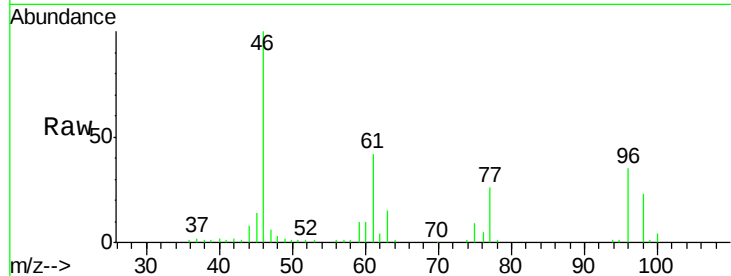
Tot Ion: 96 Resp: 28623

Ion Ratio Lower Upper

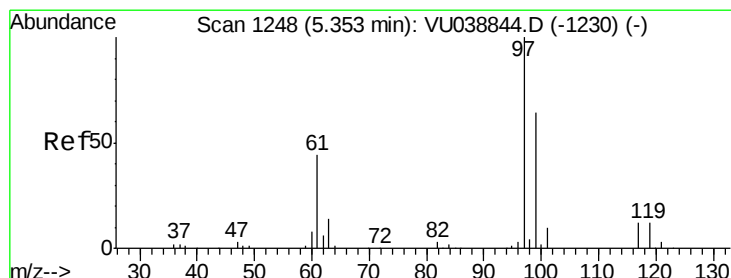
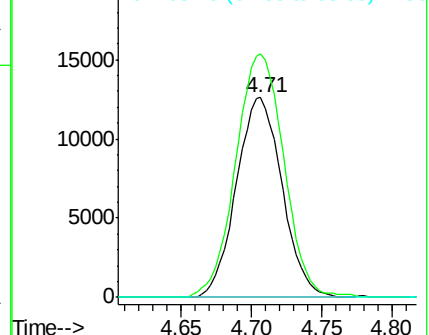
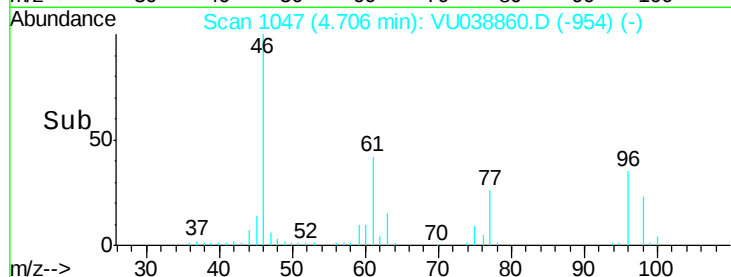
96 100

61 122.0 89.7 166.7

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038860.D (-954) (-)



#29

1,1,1-Trichloroethane

Concen: 8.899 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VU038860.D

Acq: 12 Jun 2020 18:37

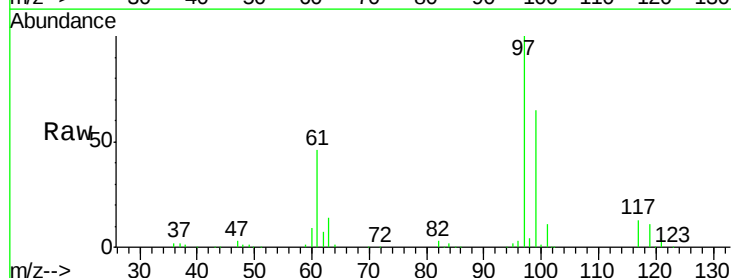
Tgt Ion: 97 Resp: 297225

Ion Ratio Lower Upper

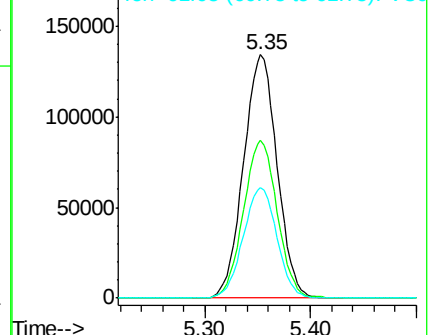
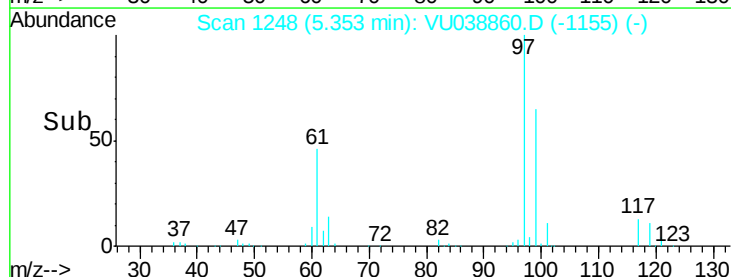
97 100

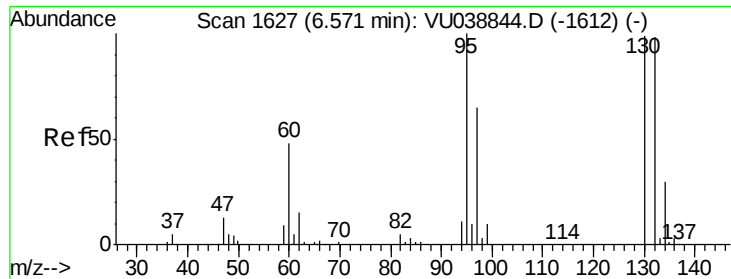
99 65.2 52.1 78.1

61 45.7 35.9 53.9



Abundance Ion 96.95 (96.65 to 97.65): VU038860.D (-1155) (-)

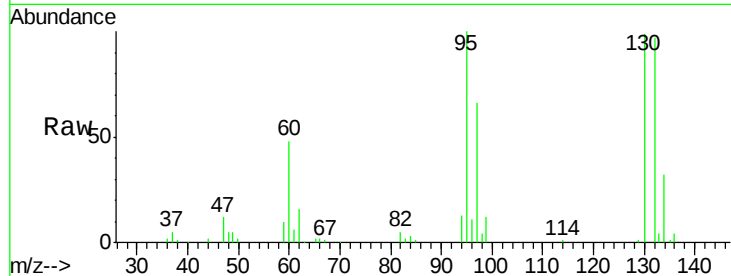




#34
 Trichloroethene
 Concen: 2.541 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU038860.D
 Acq: 12 Jun 2020 18:37

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YG2

Tot Ion:	95	Resp:	54262
Ion	Ratio	Lower	Upper
95	100		
97	66.4	46.1	85.5
132	97.3	67.5	125.3
130	99.2	66.7	123.9

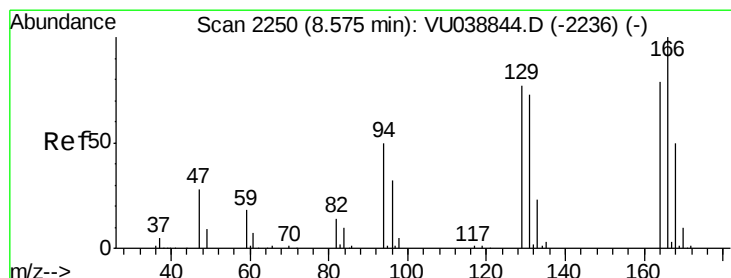
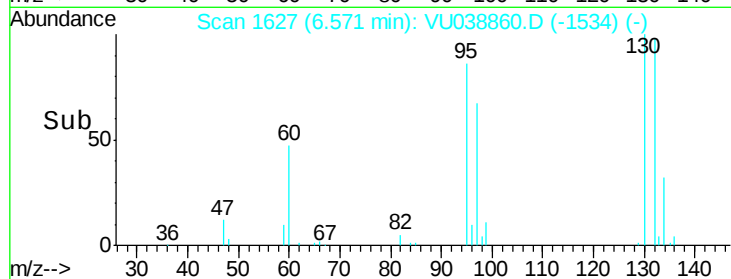
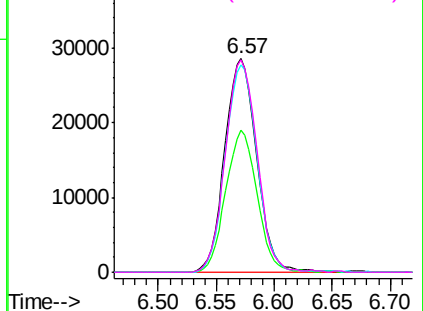


Abundance Ion 95.00 (94.70 to 95.70): VU038860.D (-1534) (-)

Ion 96.95 (96.65 to 97.65): VU038860.D (-1534) (-)

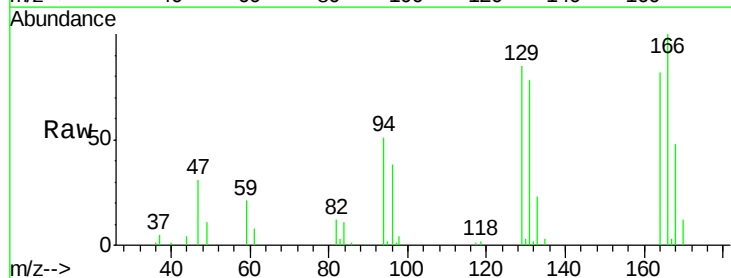
Ion 131.95 (131.65 to 132.65): VU038860.D (-1534) (-)

Ion 129.95 (129.65 to 130.65): VU038860.D (-1534) (-)



#47
 Tetrachloroethene
 Concen: 1.006 ug/L
 RT: 8.57 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: VU038860.D
 Acq: 12 Jun 2020 18:37

Tgt Ion:	164	Resp:	16541
Ion	Ratio	Lower	Upper
164	100		
129	104.4	67.3	124.9
131	95.6	65.0	120.6
166	122.2	91.0	169.0



Abundance Ion 163.90 (163.60 to 164.60): VU038860.D (-2157) (-)

Ion 128.95 (128.65 to 129.65): VU038860.D (-2157) (-)

Ion 130.95 (130.65 to 131.65): VU038860.D (-2157) (-)

Ion 165.90 (165.60 to 166.60): VU038860.D (-2157) (-)

