

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U061320\
 Data File : VU038861.D
 Acq On : 12 Jun 2020 19:00
 Operator : SY/MD
 Sample : L2990-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YG3

Quant Time: Jun 13 02:48:11 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	272775	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	270691	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	125834	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	92931	6.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	125.00%
7) Chloroethane-d5	1.93	69	75263	6.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	126.00%
11) 1,1-Dichloroethene-d2	2.59	63	152597	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.20%
20) 2-Butanone-d5	4.67	46	288726	61.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.76%
24) Chloroform-d	5.10	84	181678	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.40%
26) 1,2-Dichloroethane-d4	5.74	65	107690	5.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.80%
32) Benzene-d6	5.76	84	362270	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.60%
36) 1,2-Dichloropropane-d6	6.72	67	109429	5.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.60%
41) Toluene-d8	7.92	98	302132	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
43) trans-1,3-Dichloropropene-	8.20	79	44008	5.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.60%
46) 2-Hexanone-d5	8.65	63	247913	66.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	132.78%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	95896	5.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	121802	5.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.00%

Target Compounds

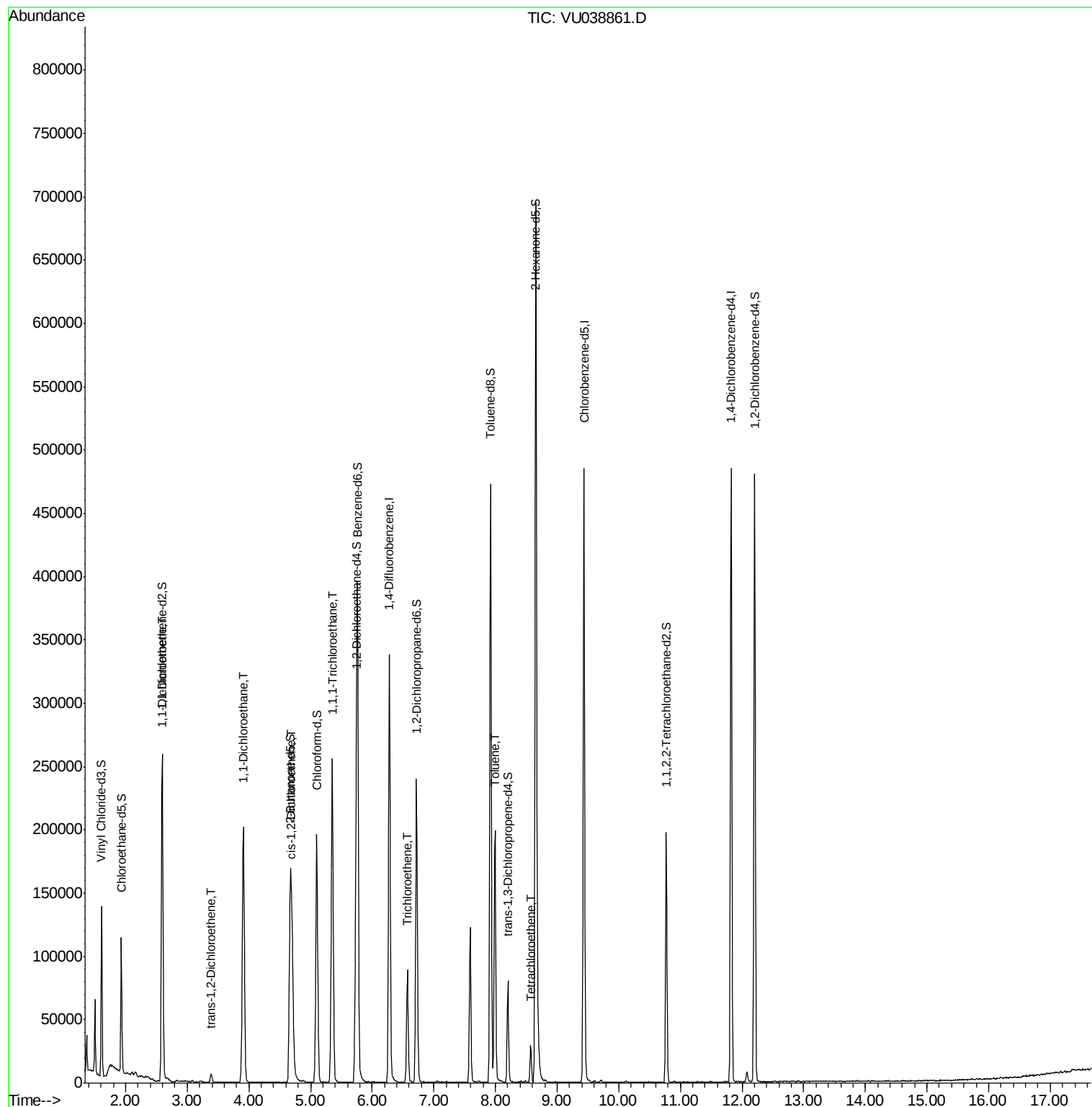
				Ovalue	
12) 1,1-Dichloroethene	2.61	96	18057	0.945 ug/L	# 1
18) trans-1,2-Dichloroethene	3.39	96	3273	0.160 ug/L	98
19) 1,1-Dichloroethane	3.91	63	231424	6.269 ug/L	98
22) cis-1,2-Dichloroethene	4.70	96	28723	1.344 ug/L	96
29) 1,1,1-Trichloroethane	5.35	97	184135	5.512 ug/L	100
34) Trichloroethene	6.57	95	29397	1.376 ug/L	96
42) Toluene	7.99	91	139935	1.621 ug/L	99
47) Tetrachloroethene	8.57	164	6549	0.398 ug/L	85

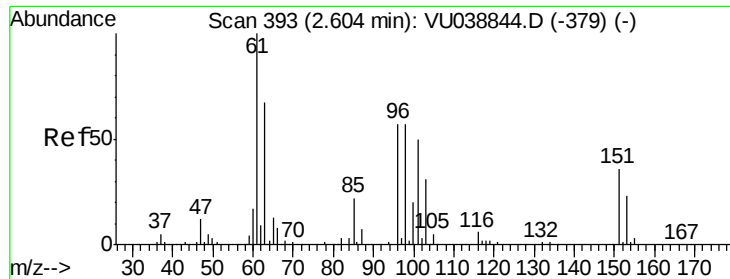
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.945 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU038861.D

Acq: 12 Jun 2020 19:00

Instrument :

MSVOA_U

ClientSampleId :

E3YG3

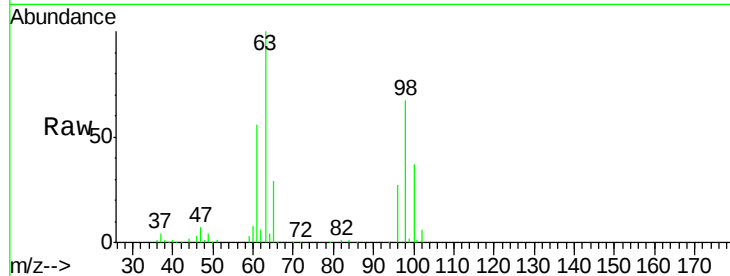
Tot Ion: 96 Resp: 18057

Ion Ratio Lower Upper

96 100

61 205.2 120.2 223.2

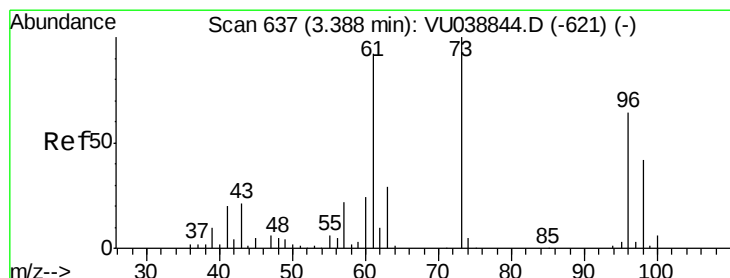
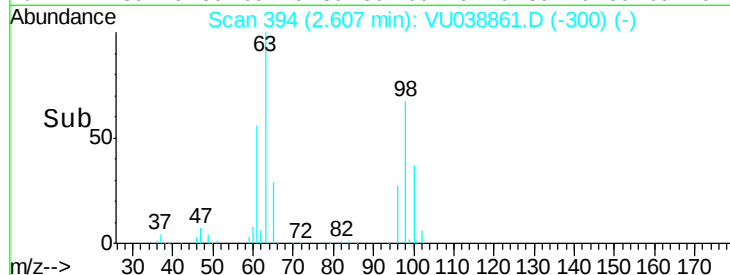
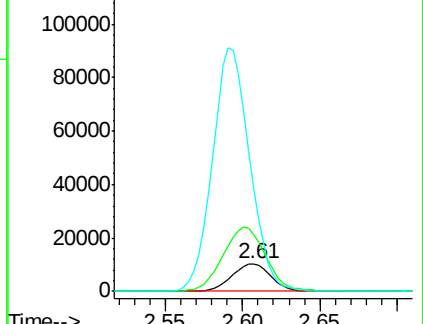
63 367.7 90.1 167.3#



Abundance Ion 96.00 (95.70 to 96.70): VU038861.D (-300) (-)

Ion 61.05 (60.75 to 61.75): VU038861.D (-300) (-)

Ion 63.00 (62.70 to 63.70): VU038861.D (-300) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.160 ug/L

RT: 3.39 min Scan# 636

Delta R.T. -0.00 min

Lab File: VU038861.D

Acq: 12 Jun 2020 19:00

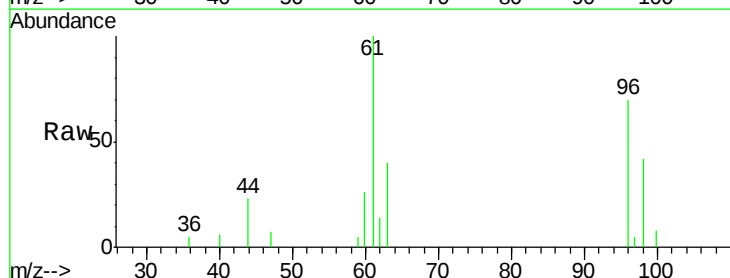
Tgt Ion: 96 Resp: 3273

Ion Ratio Lower Upper

96 100

61 142.3 99.3 184.5

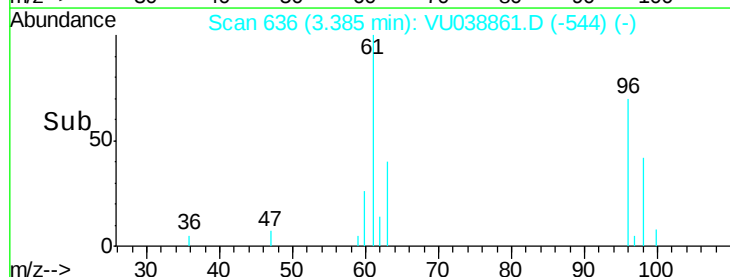
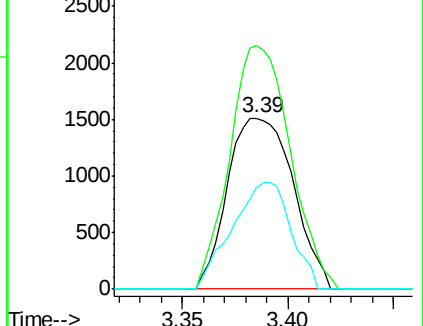
98 59.4 43.9 81.5

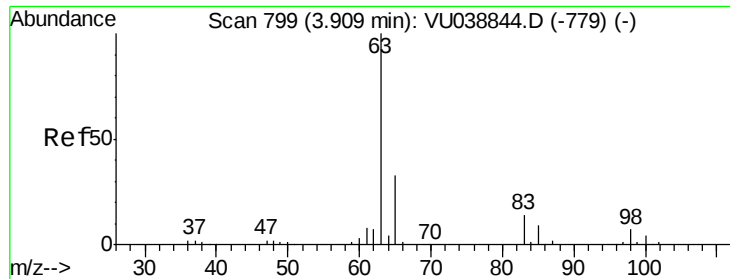


Abundance Ion 96.00 (95.70 to 96.70): VU038861.D (-544) (-)

Ion 61.05 (60.75 to 61.75): VU038861.D (-544) (-)

Ion 97.95 (97.65 to 98.65): VU038861.D (-544) (-)

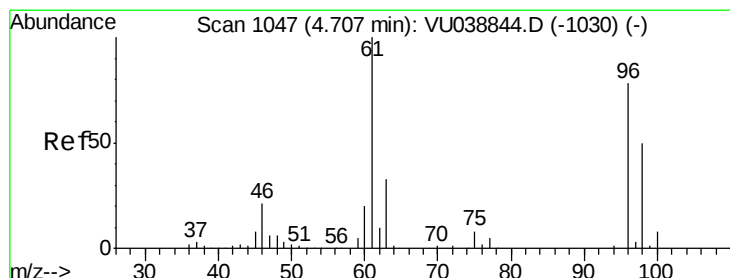
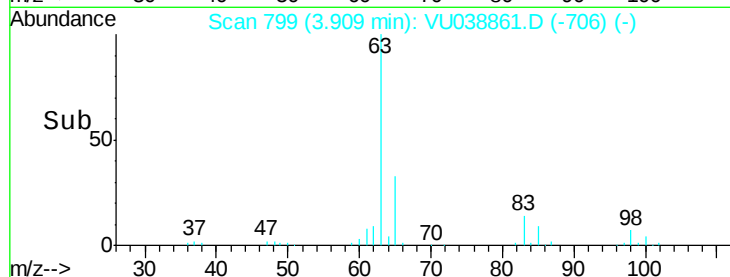
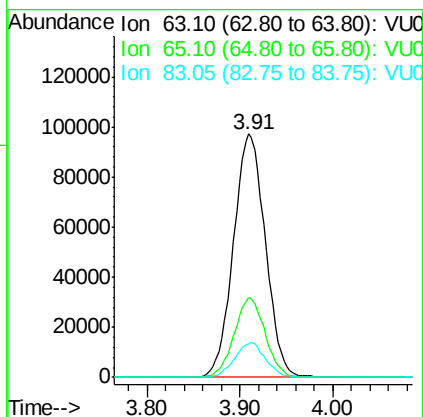
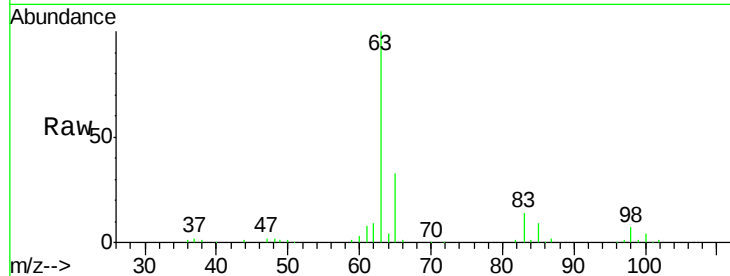




#19
 1,1-Dichloroethane
 Concen: 6.269 ug/L
 RT: 3.91 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: VU038861.D
 Acq: 12 Jun 2020 19:00

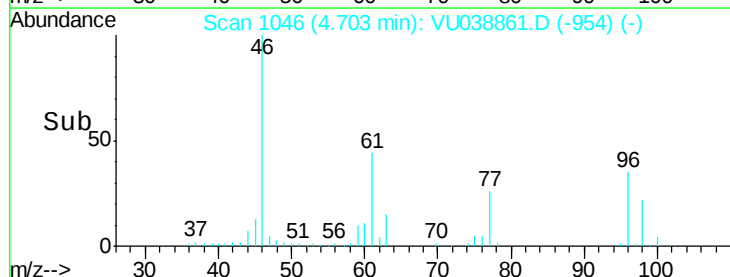
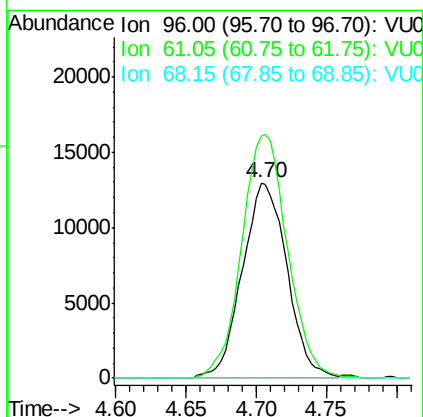
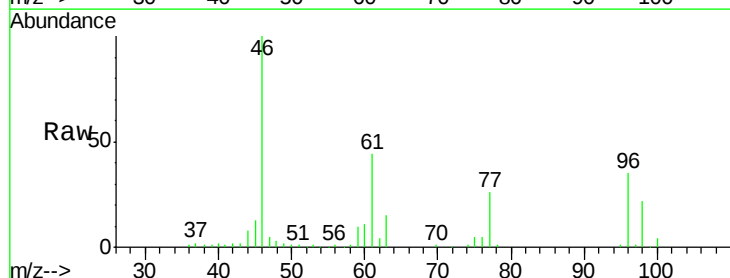
Instrument :
 MSVOA_U
 ClientSampleId :
 E3YG3

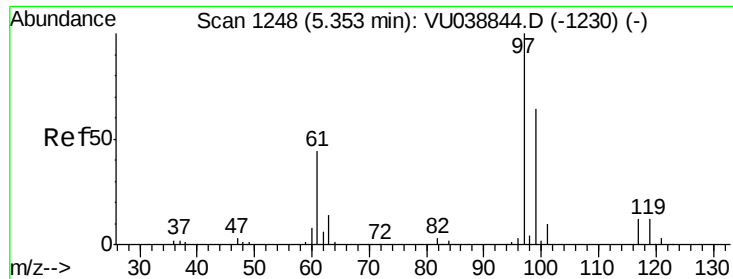
Tot Ion: 63 Resp: 231424
 Ion Ratio Lower Upper
 63 100
 65 32.9 22.3 41.5
 83 13.9 10.1 18.9



#22
 cis-1,2-Dichloroethene
 Concen: 1.344 ug/L
 RT: 4.70 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: VU038861.D
 Acq: 12 Jun 2020 19:00

Tgt Ion: 96 Resp: 28723
 Ion Ratio Lower Upper
 96 100
 61 124.1 89.7 166.7
 68 0.0 0.0 0.0

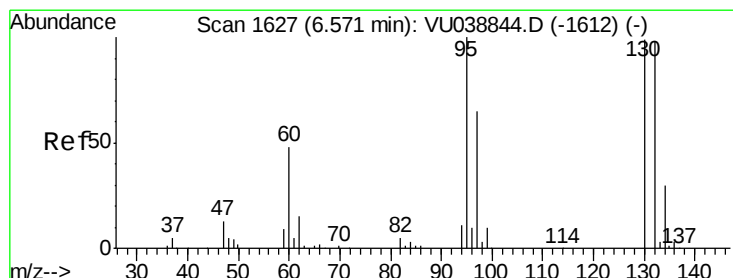
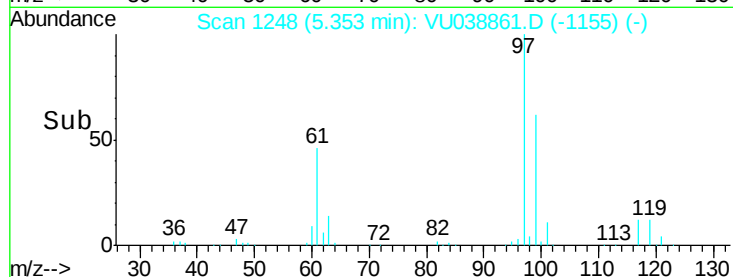
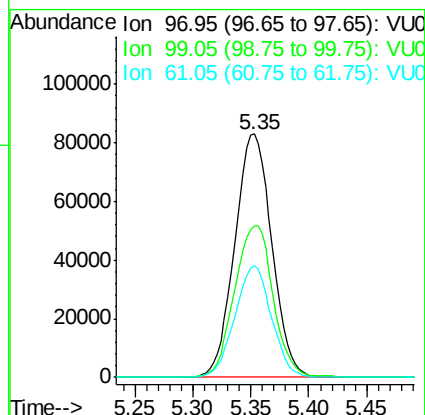
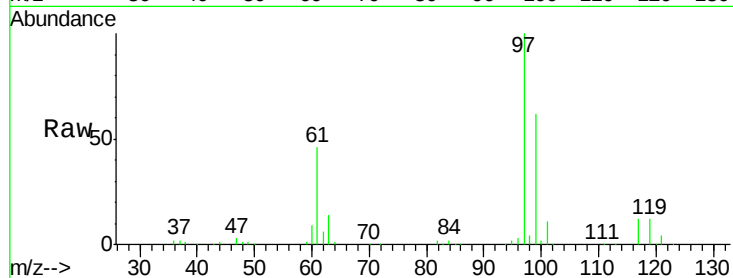




#29
1,1,1-Trichloroethane
Concen: 5.512 ug/L
RT: 5.35 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VU038861.D
Acq: 12 Jun 2020 19:00

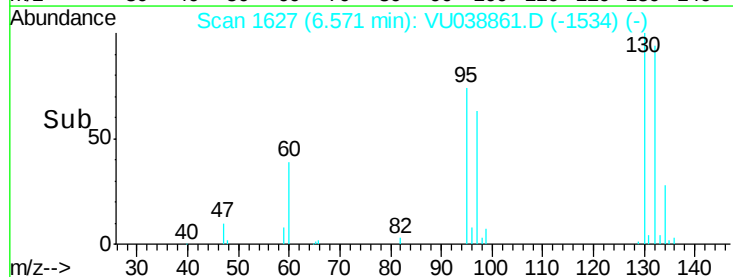
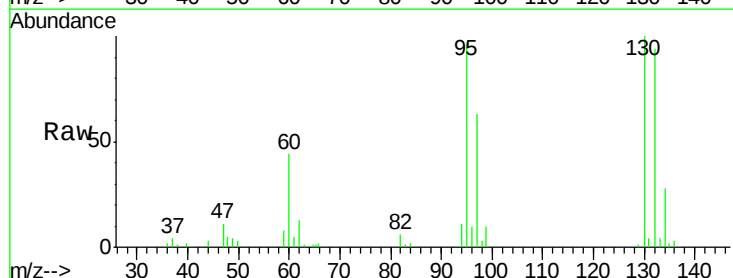
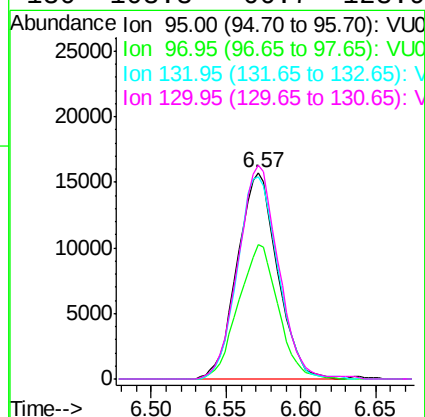
Instrument :
MSVOA_U
ClientSampled :
E3YG3

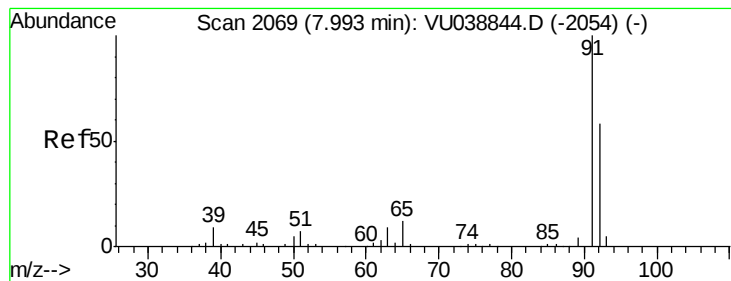
Tot Ion: 97 Resp: 184135
Ion Ratio Lower Upper
97 100
99 65.2 52.1 78.1
61 45.2 35.9 53.9



#34
Trichloroethene
Concen: 1.376 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU038861.D
Acq: 12 Jun 2020 19:00

Tgt Ion: 95 Resp: 29397
Ion Ratio Lower Upper
95 100
97 64.8 46.1 85.5
132 97.6 67.5 125.3
130 103.3 66.7 123.9





#42

Toluene

Concen: 1.621 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038861.D

Acq: 12 Jun 2020 19:00

Instrument :

MSVOA_U

ClientSampleId :

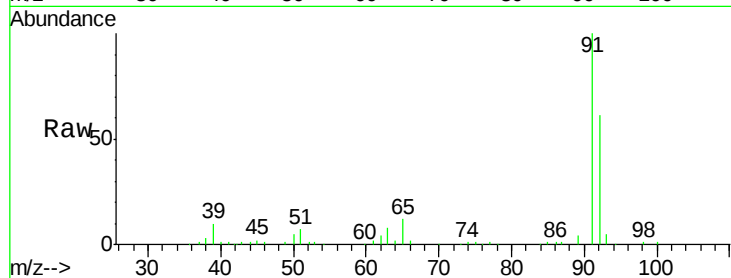
E3YG3

Tot Ion: 91 Resp: 139935

Ion Ratio Lower Upper

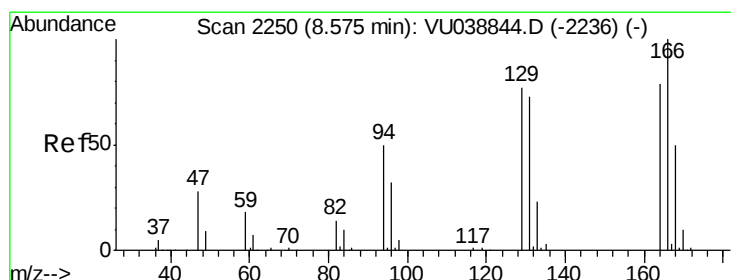
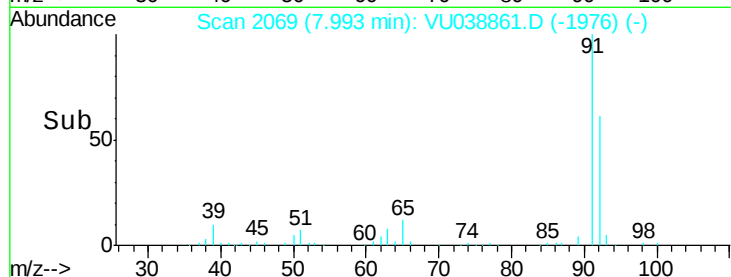
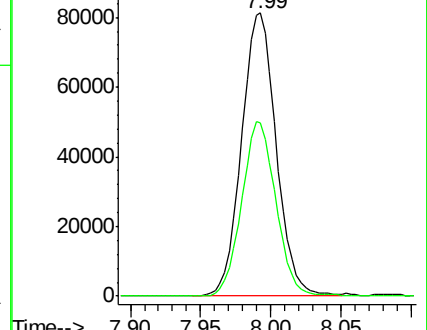
91 100

92 61.1 42.4 78.6



Abundance Ion 91.15 (90.85 to 91.85): VU038844.D (-2054) (-)

Ion 92.15 (91.85 to 92.85): VU038844.D (-2054) (-)



#47

Tetrachloroethene

Concen: 0.398 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU038861.D

Acq: 12 Jun 2020 19:00

Tgt Ion: 164 Resp: 6549

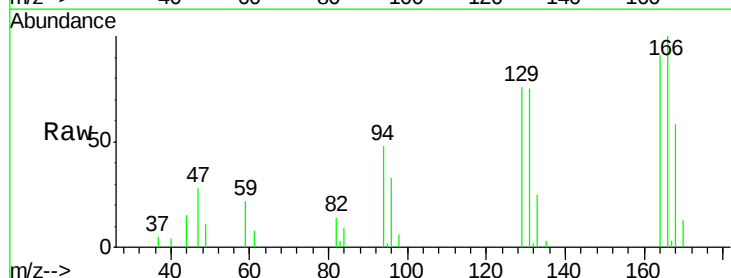
Ion Ratio Lower Upper

164 100

129 83.0 67.3 124.9

131 81.8 65.0 120.6

166 109.5 91.0 169.0



Abundance Ion 163.90 (163.60 to 164.60): VU038844.D (-2236) (-)

Ion 128.95 (128.65 to 129.65): VU038844.D (-2236) (-)

Ion 130.95 (130.65 to 131.65): VU038844.D (-2236) (-)

Ion 165.90 (165.60 to 166.60): VU038844.D (-2236) (-)

