

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U061020\
 Data File : VU038768.D
 Acq On : 10 Jun 2020 10:35
 Operator : SY/MD
 Sample : L2896-10RE
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0H9

Quant Time: Jun 11 00:53:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 00:28:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	507377	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	486819	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	222571	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	137046	48.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.70%
7) Chloroethane-d5	1.93	69	106590	48.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.94%
11) 1,1-Dichloroethene-d2	2.59	63	209780	33.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.92%
21) 2-Butanone-d5	4.66	46	266511	96.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.64%
24) Chloroform-d	5.10	84	282509	46.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.44%
26) 1,2-Dichloroethane-d4	5.74	65	194597	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.08%
32) Benzene-d6	5.76	84	571866	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.54%
36) 1,2-Dichloropropane-d6	6.72	67	175182	48.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.94%
41) Toluene-d8	7.92	98	494751	46.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.38%
43) trans-1,3-Dichloropropene-	8.20	79	82778	45.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.98%
47) 2-Hexanone-d5	8.66	63	199747	103.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.83%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	258929	48.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.06%
64) 1,2-Dichlorobenzene-d4	12.21	152	198954	51.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.98%

Target Compounds

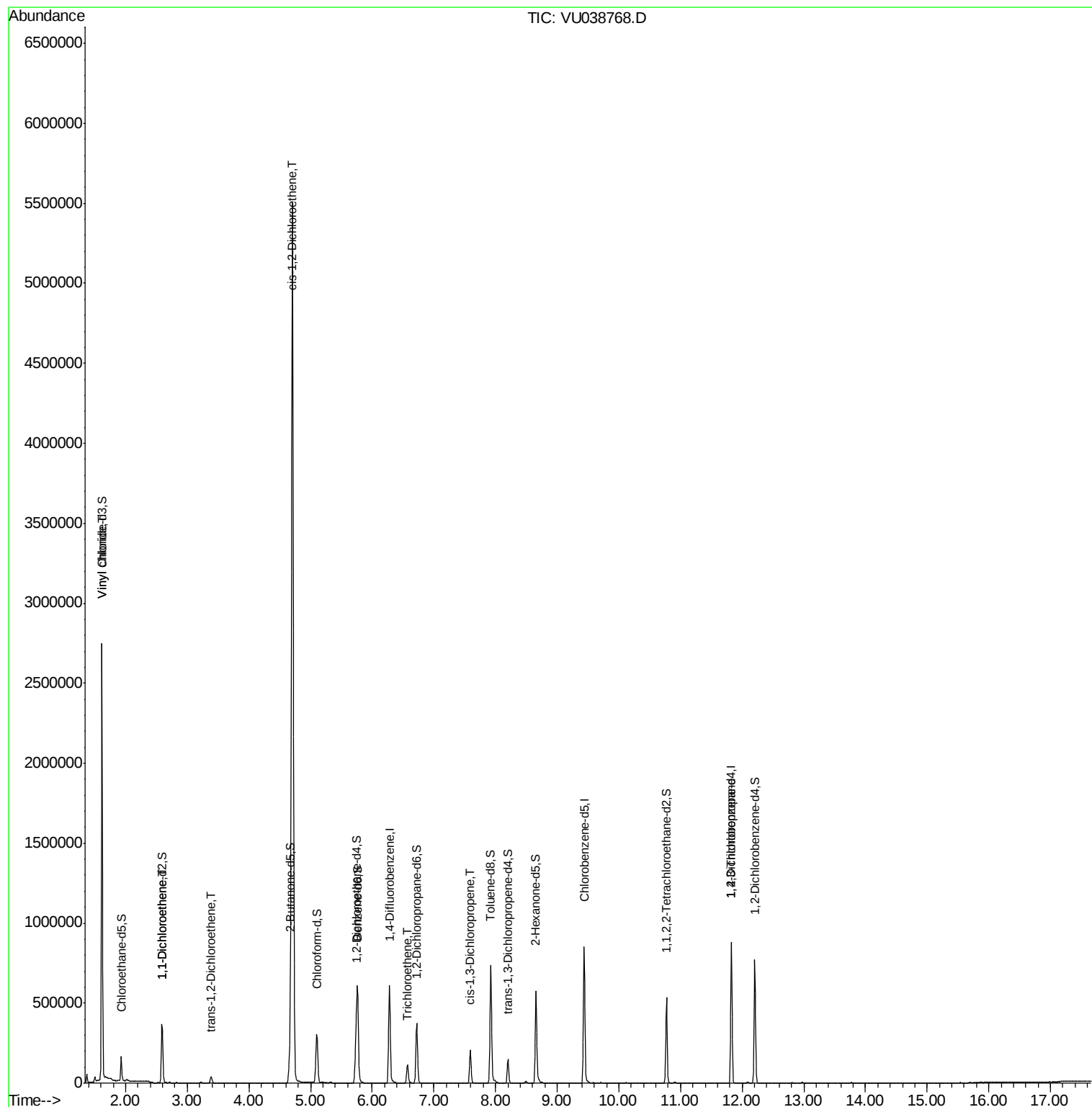
					Ovalue
5) Vinyl chloride	1.62	62	1665322	410.250 ug/L	99
12) 1,1-Dichloroethene	2.60	96	6832	2.127 ug/L #	1
17) trans-1,2-Dichloroethene	3.39	96	16212	4.613 ug/L	97
20) cis-1,2-Dichloroethene	4.71	96	2845403	732.445 ug/L	98
34) Trichloroethene	6.57	95	36078	9.813 ug/L	96
39) cis-1,3-Dichloropropene	7.59	75	5589	0.962 ug/L #	73
59) 1,2,3-Trichloropropane	11.83	75	28614	5.417 ug/L	91

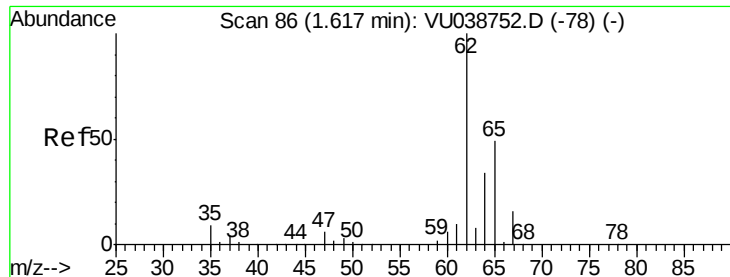
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jun 11 00:28:57 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 410.250 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU038768.D

Acq: 10 Jun 2020 10:35

Instrument :

MSVOA_U

ClientSampleId :

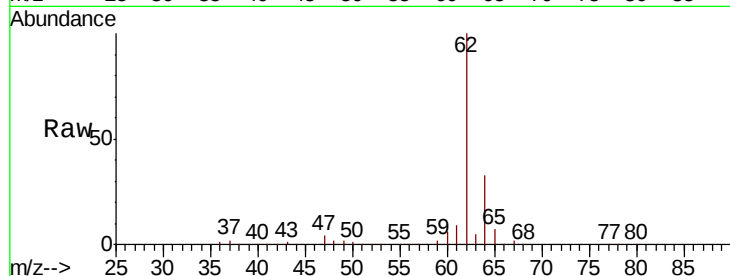
EW0H9

Tot Ion: 62 Resp: 1665322

Ion Ratio Lower Upper

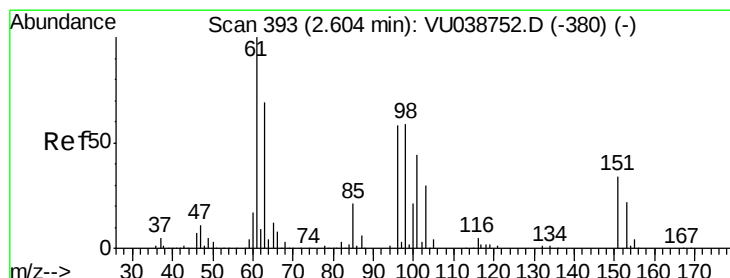
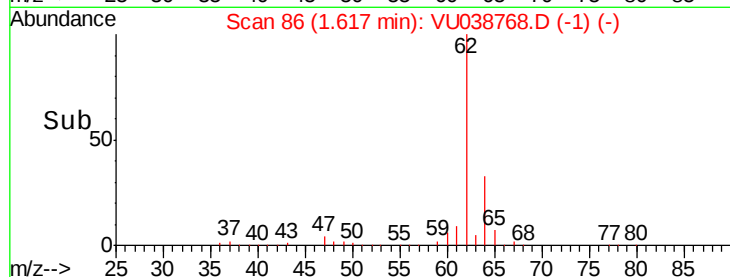
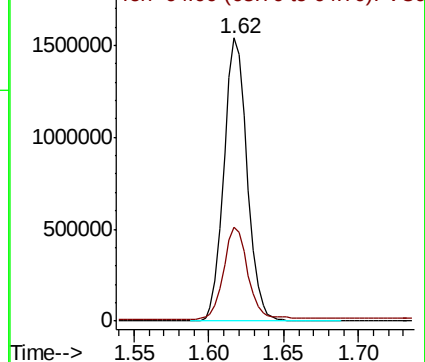
62 100

64 33.3 23.0 42.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#12

1,1-Dichloroethene

Concen: 2.127 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU038768.D

Acq: 10 Jun 2020 10:35

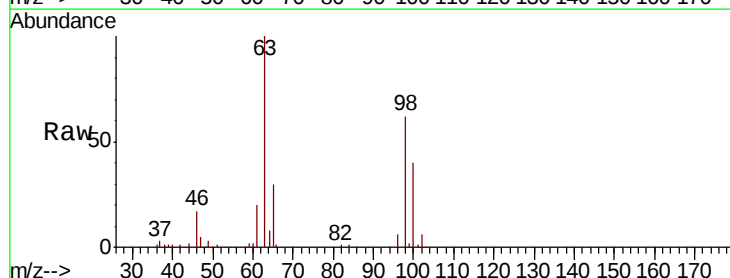
Tgt Ion: 96 Resp: 6832

Ion Ratio Lower Upper

96 100

61 345.7 120.0 223.0#

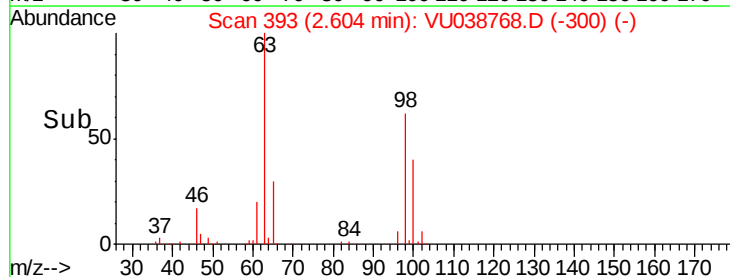
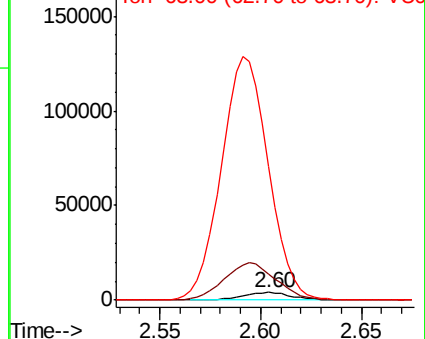
63 1767.2 75.8 140.8#

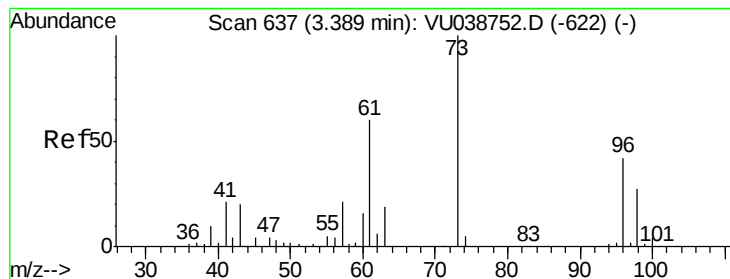


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#17

trans-1,2-Dichloroethene

Concen: 4.613 ug/L

RT: 3.39 min Scan# 637

Delta R.T. -0.00 min

Lab File: VU038768.D

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Instrument :

MSVOA_U

ClientSampleId :

EW0H9

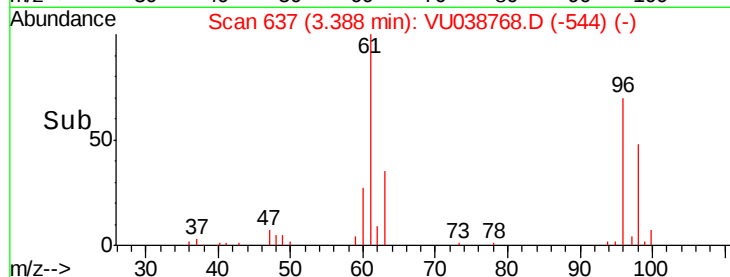
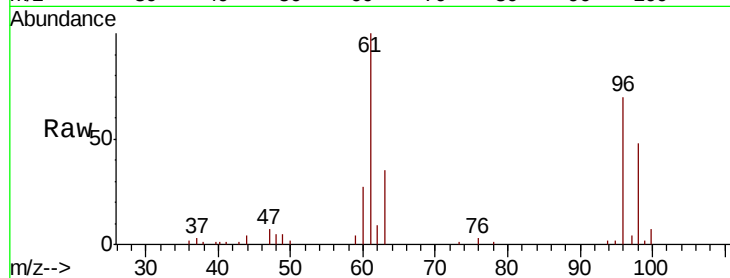
Tot Ion: 96 Resp: 16212

Ion Ratio Lower Upper

96 100

61 142.6 98.2 182.4

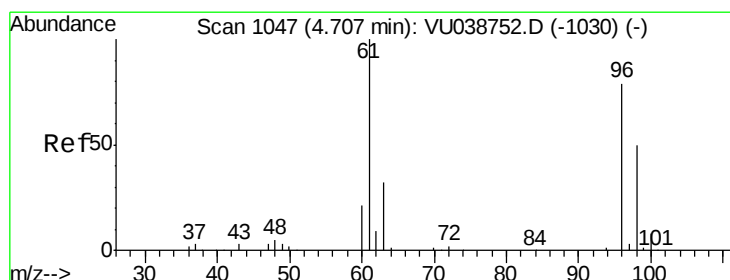
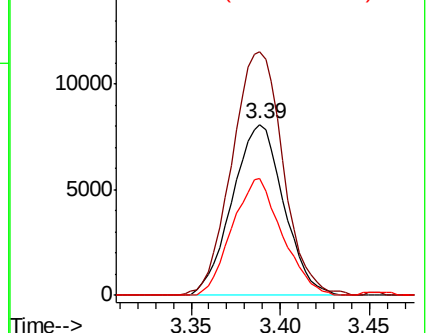
98 68.7 44.3 82.3



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: 732.445 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU038768.D

Acq: 10 Jun 2020 10:35

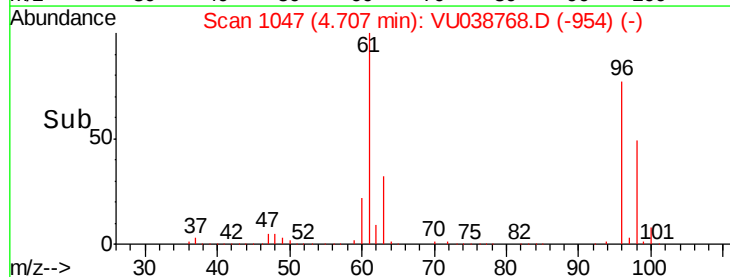
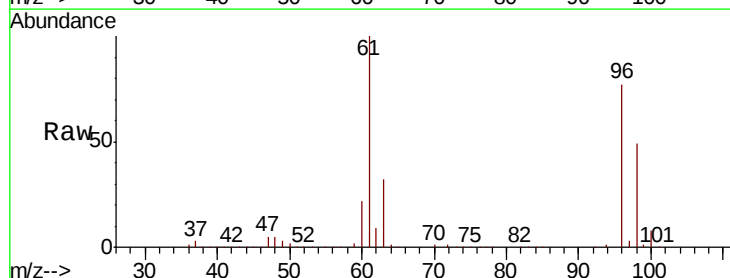
Tgt Ion: 96 Resp: 2845403

Ion Ratio Lower Upper

96 100

61 130.3 89.5 166.1

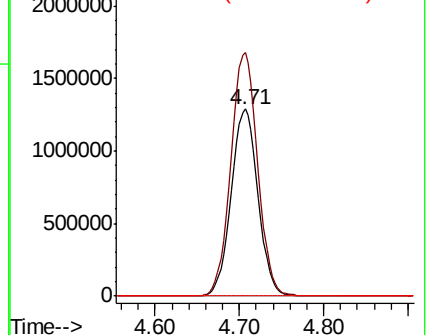
68 0.0 0.0 0.0

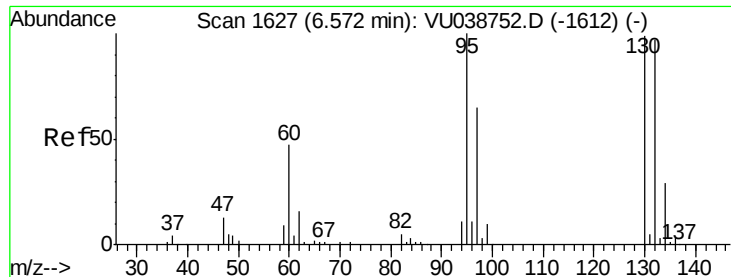


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

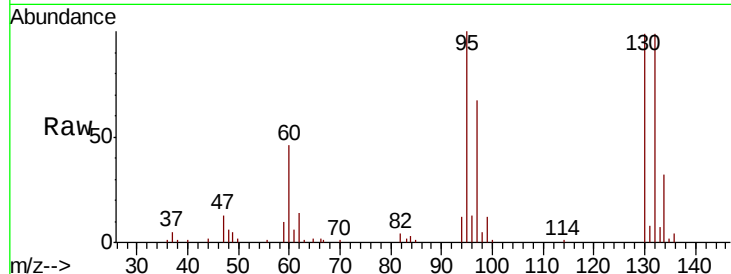




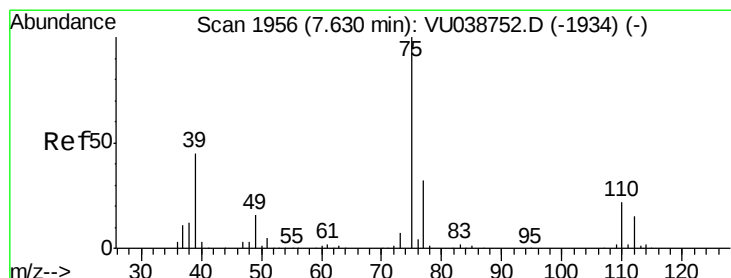
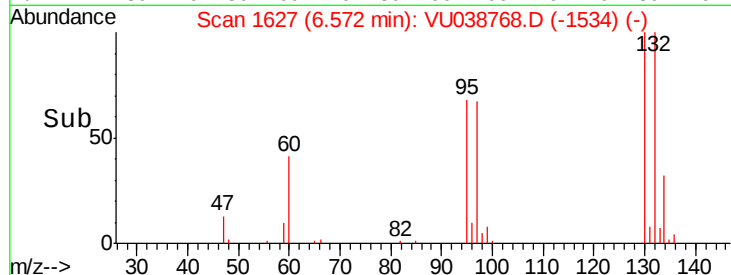
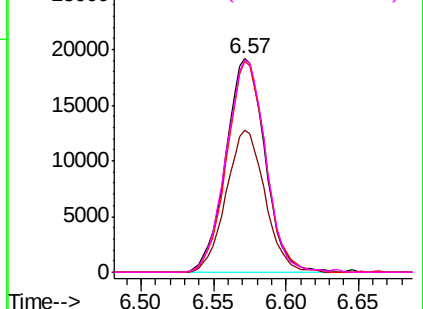
#34
 Trichloroethene
 Concen: 9.813 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU038768.D
 Acq: 10 Jun 2020 10:35

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0H9

Tot Ion: 95 Resp: 36078
 Ion Ratio Lower Upper
 95 100
 97 66.8 44.4 82.4
 132 99.0 64.9 120.5
 130 99.4 68.6 127.4

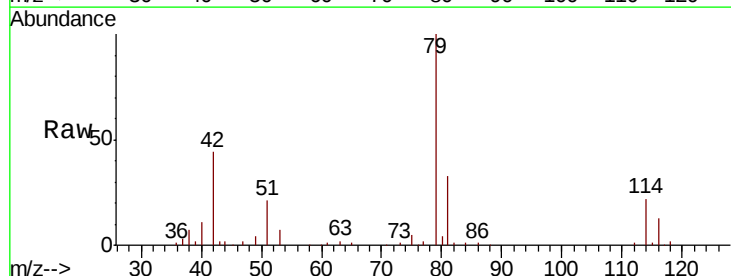


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

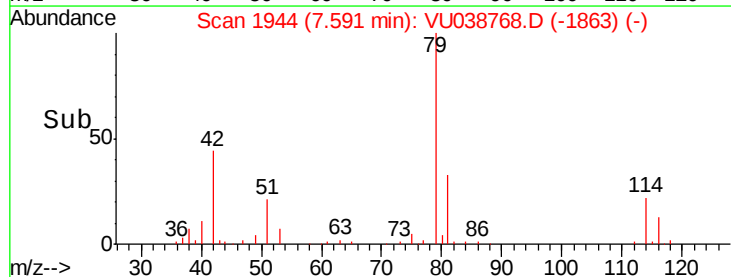
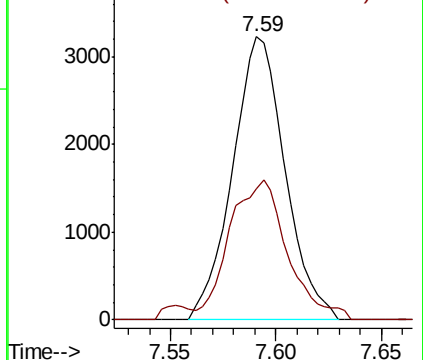


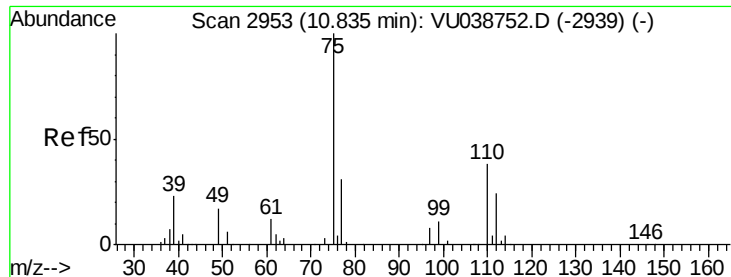
#39
 cis-1,3-Dichloropropene
 Concen: 0.962 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038768.D
 Acq: 10 Jun 2020 10:35

Tgt Ion: 75 Resp: 5589
 Ion Ratio Lower Upper
 75 100
 77 46.5 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.417 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU038768.D

Acq: 10 Jun 2020 10:35

Instrument :

MSVOA_U

ClientSampleId :

EW0H9

Tot Ion: 75 Resp: 28614

Ion Ratio Lower Upper

75 100

77 36.3 25.3 37.9

