

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U060920\
 Data File : VU038699.D
 Acq On : 09 Jun 2020 03:42
 Operator : SY/MD
 Sample : L2896-21
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0M8

Quant Time: Jun 09 06:15:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 06:12:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	540782	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	531131	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	243181	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	172319	57.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.06%
7) Chloroethane-d5	1.93	69	138291	59.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	118.00%
11) 1,1-Dichloroethene-d2	2.59	63	266671	40.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.00%
21) 2-Butanone-d5	4.66	46	323060	109.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.91%
24) Chloroform-d	5.10	84	337965	51.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.76%
26) 1,2-Dichloroethane-d4	5.74	65	231922	53.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.44%
32) Benzene-d6	5.76	84	695191	54.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.68%
36) 1,2-Dichloropropane-d6	6.72	67	209424	53.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.22%
41) Toluene-d8	7.92	98	602284	52.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.18%
43) trans-1,3-Dichloropropene-	8.20	79	98554	49.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.30%
47) 2-Hexanone-d5	8.65	63	232747	110.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.89%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	300635	51.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.22%
64) 1,2-Dichlorobenzene-d4	12.20	152	238934	56.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.18%

Target Compounds

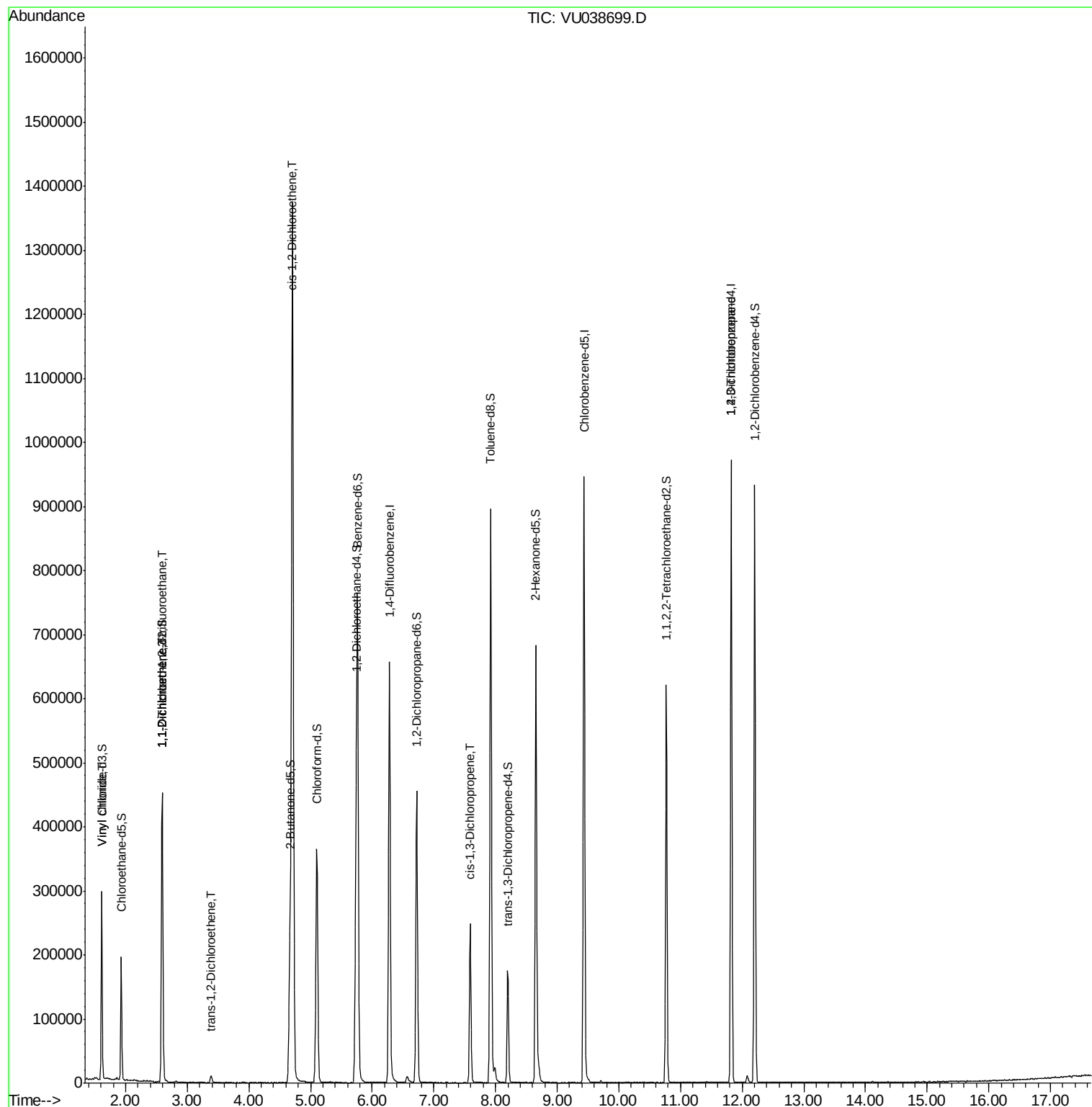
					Ovalue
5) Vinyl chloride	1.62	62	34182	7.901 ug/L #	81
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2736	0.788 ug/L #	21
12) 1,1-Dichloroethene	2.60	96	3482	1.017 ug/L #	1
17) trans-1,2-Dichloroethene	3.39	96	4702	1.255 ug/L	88
20) cis-1,2-Dichloroethene	4.71	96	702836	169.744 ug/L	98
39) cis-1,3-Dichloropropene	7.59	75	5787	0.913 ug/L #	62
59) 1,2,3-Trichloropropane	11.82	75	30784	5.342 ug/L	91

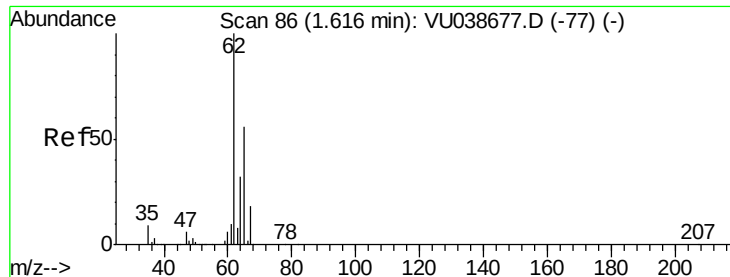
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 09 06:12:02 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 7.901 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU038699.D

Acq: 09 Jun 2020 03:42

Instrument :

MSVOA_U

ClientSampleId :

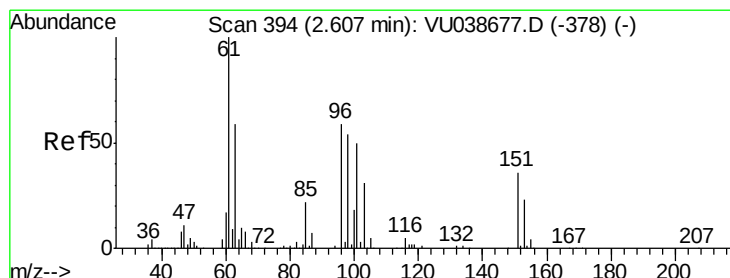
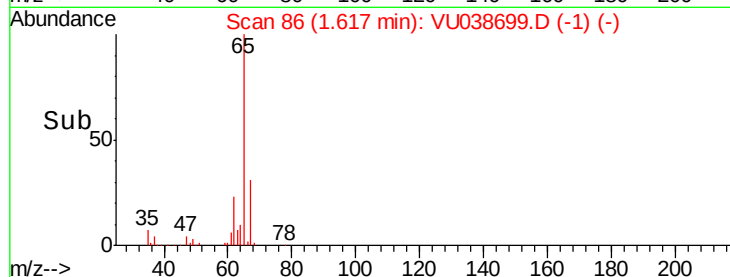
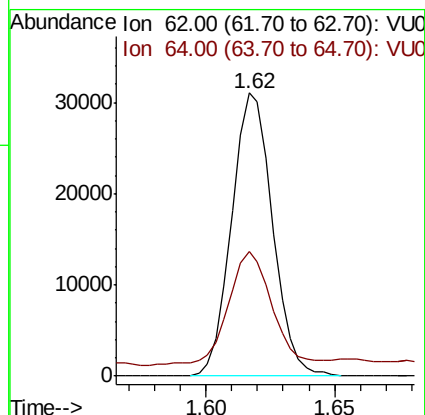
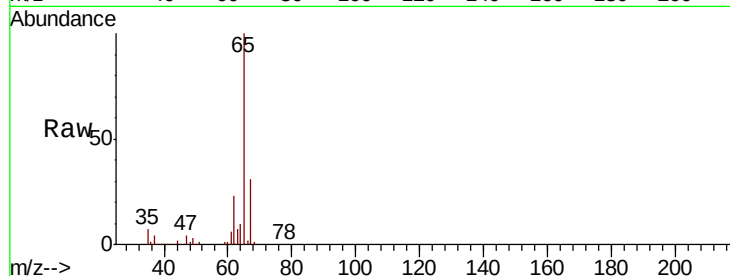
EW0M8

Tot Ion: 62 Resp: 34182

Ion Ratio Lower Upper

62 100

64 43.8 23.0 42.8#



#10

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

Concen: 0.788 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU038699.D

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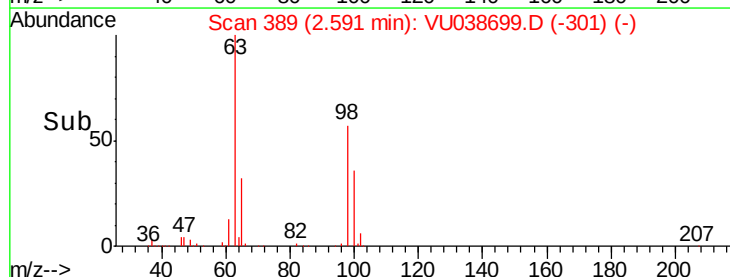
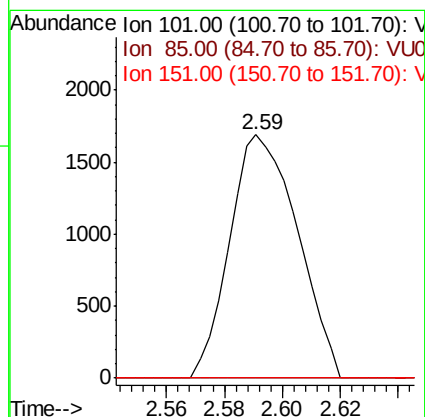
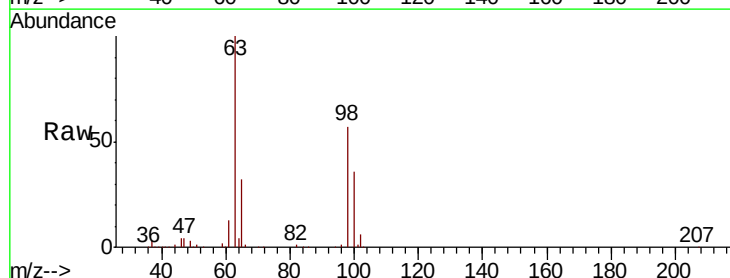
Tgt Ion: 101 Resp: 2736

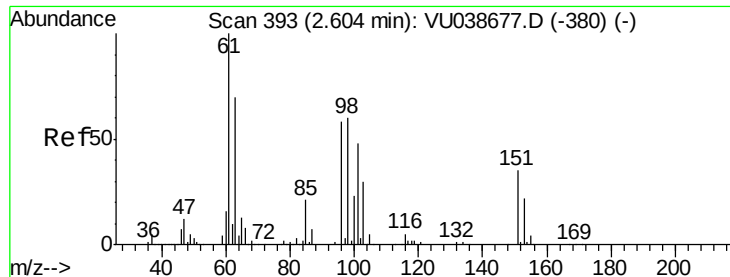
Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

151 0.0 57.4 86.0#

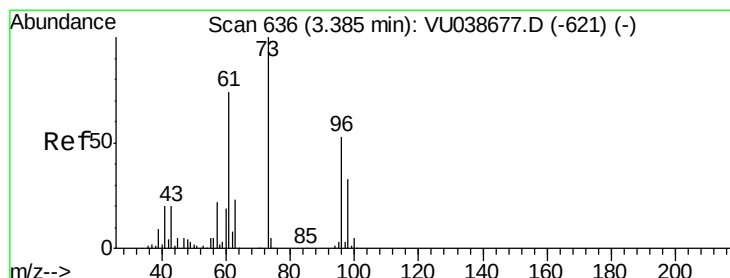
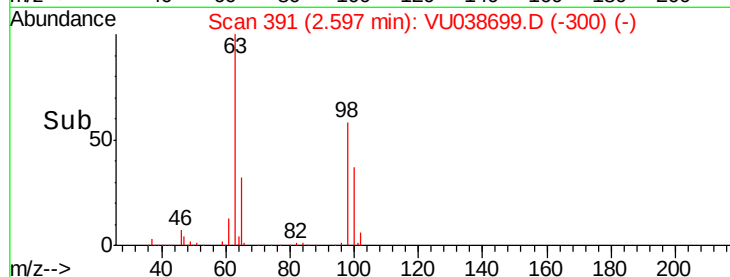
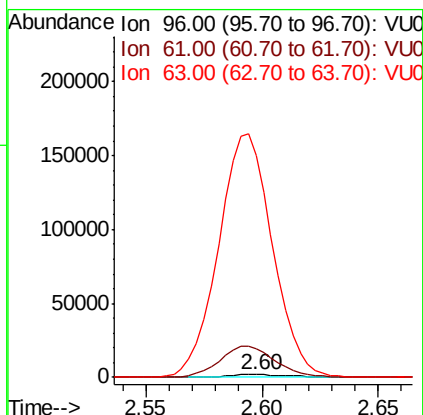
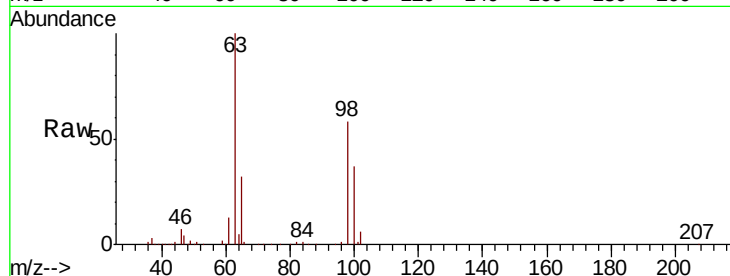




#12
 1,1-Dichloroethene
 Concen: 1.017 ug/L
 RT: 2.60 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: VU038699.D
 Acq: 09 Jun 2020 03:42

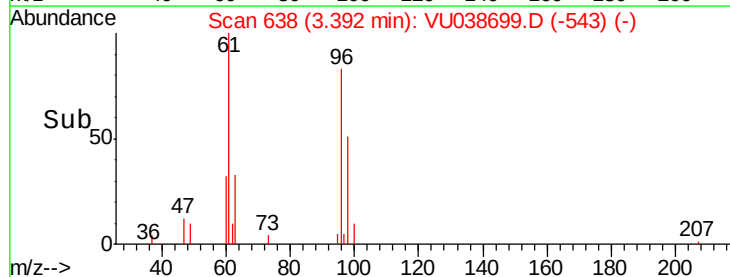
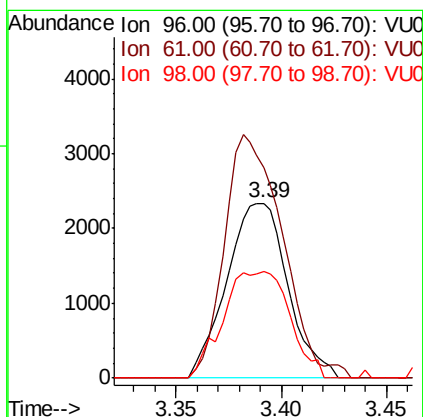
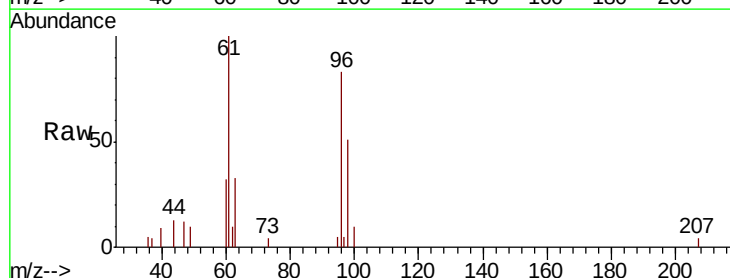
Instrument :
 MSVOA_U
 ClientSampleId :
 EW0M8

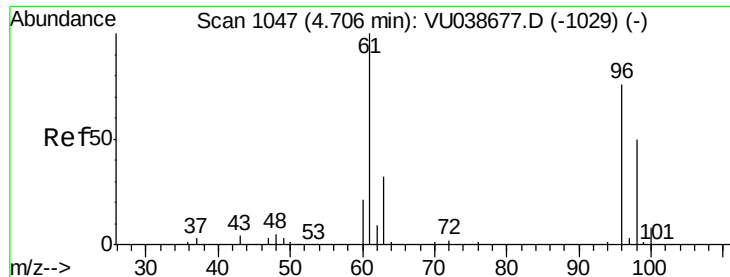
Tot Ion: 96 Resp: 3482
 Ion Ratio Lower Upper
 96 100
 61 1127.1 120.0 223.0#
 63 8727.6 75.8 140.8#



#17
 trans-1,2-Dichloroethene
 Concen: 1.255 ug/L
 RT: 3.39 min Scan# 638
 Delta R.T. 0.01 min
 Lab File: VU038699.D
 Acq: 09 Jun 2020 03:42

Tgt Ion: 96 Resp: 4702
 Ion Ratio Lower Upper
 96 100
 61 120.8 98.2 182.4
 98 61.0 44.3 82.3

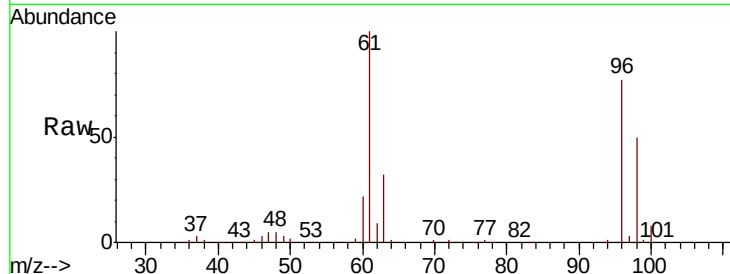




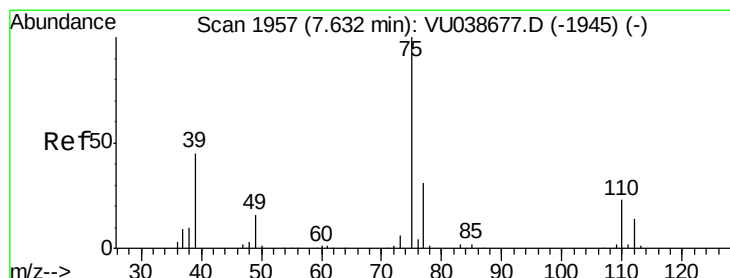
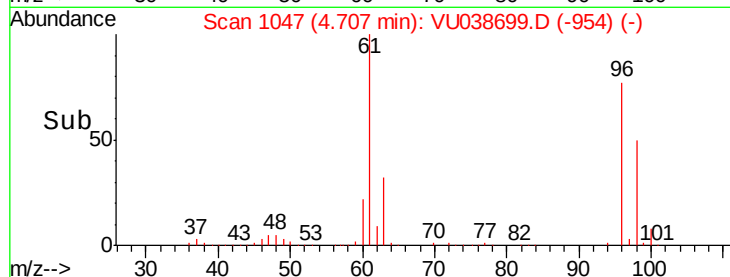
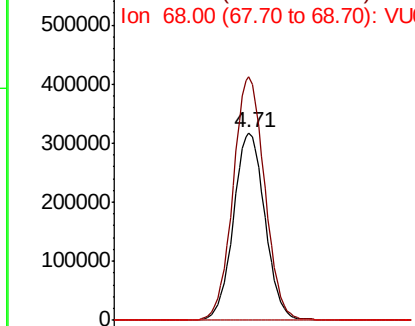
#20
 cis-1,2-Dichloroethene
 Concen: 169.744 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU038699.D
 Acq: 09 Jun 2020 03:42

Instrument :
 MSVOA_U
 ClientSampled :
 EW0M8

Tot Ion: 96 Resp: 702836
 Ion Ratio Lower Upper
 96 100
 61 129.7 89.5 166.1
 68 0.0 0.0 0.0

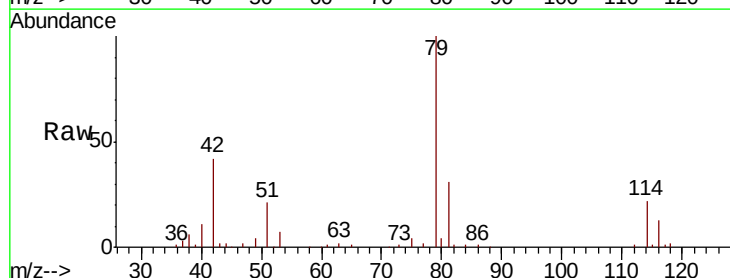


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

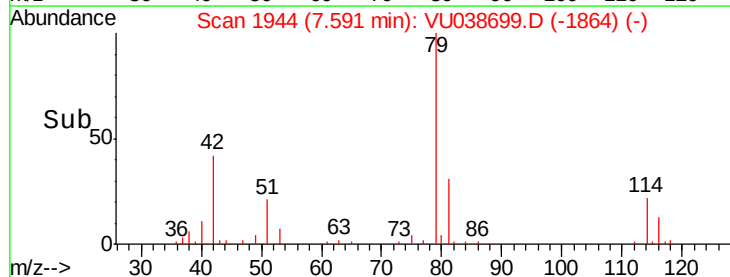
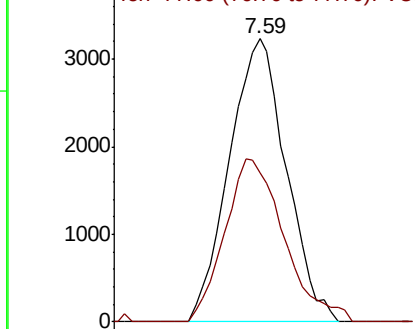


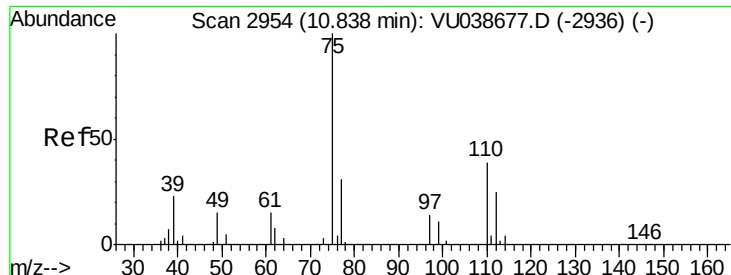
#39
 cis-1,3-Dichloropropene
 Concen: 0.913 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038699.D
 Acq: 09 Jun 2020 03:42

Tgt Ion: 75 Resp: 5787
 Ion Ratio Lower Upper
 75 100
 77 52.8 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: 5.342 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038699.D

Acq: 09 Jun 2020 03:42

Instrument :

MSVOA_U

ClientSampleId :

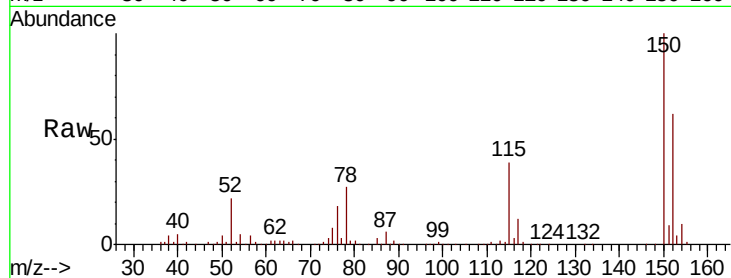
EW0M8

Tot Ion: 75 Resp: 30784

Ion Ratio Lower Upper

75 100

77 36.7 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

