

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061020\
 Data File : VU038749.D
 Acq On : 10 Jun 2020 01:24
 Operator : SY/MD
 Sample : L2897-21
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EWOM0

Quant Time: Jun 10 05:13:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 05:09:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	524211	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	523636	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	243016	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	139201	47.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.06%
7) Chloroethane-d5	1.93	69	124870	54.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.92%
11) 1,1-Dichloroethene-d2	2.59	63	238582	37.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.76%
21) 2-Butanone-d5	4.66	46	329270	115.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.56%
24) Chloroform-d	5.10	84	333917	52.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.76%
26) 1,2-Dichloroethane-d4	5.74	65	231415	55.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.58%
32) Benzene-d6	5.76	84	669931	53.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.22%
36) 1,2-Dichloropropane-d6	6.72	67	209386	53.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.72%
41) Toluene-d8	7.92	98	579681	50.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.72%
43) trans-1,3-Dichloropropene-	8.20	79	97341	49.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.48%
47) 2-Hexanone-d5	8.65	63	237889	114.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.97%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	305279	52.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.30%
64) 1,2-Dichlorobenzene-d4	12.20	152	242542	57.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.96%

Target Compounds

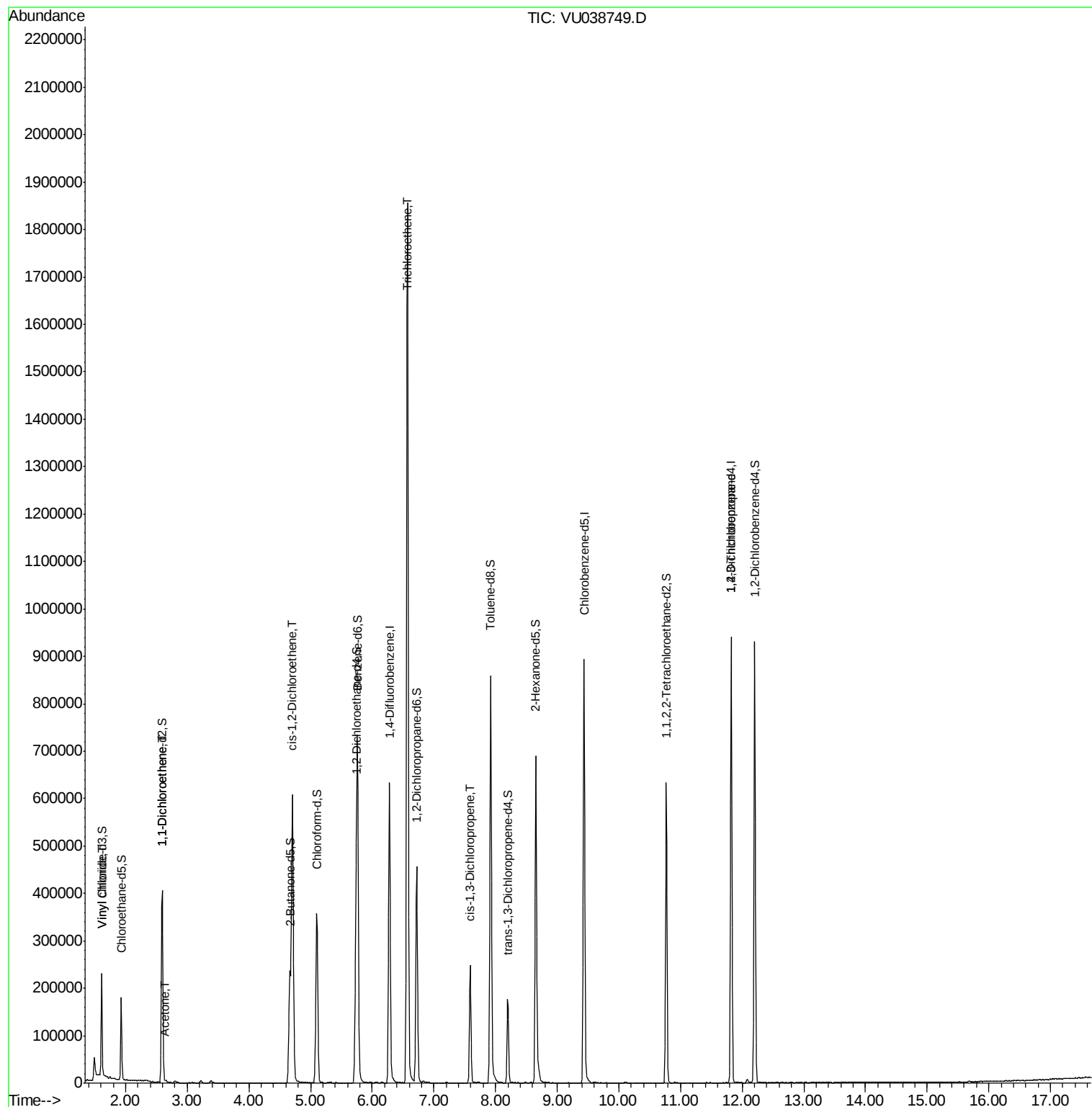
					Ovalue
5) Vinyl chloride	1.62	62	3945	0.941 ug/L #	1
12) 1,1-Dichloroethene	2.59	96	2973	0.896 ug/L #	1
13) Acetone	2.65	43	4361	1.899 ug/L	88
20) cis-1,2-Dichloroethene	4.71	96	308259	76.802 ug/L	100
34) Trichloroethene	6.57	95	622126	157.310 ug/L	99
39) cis-1,3-Dichloropropene	7.59	75	6545	1.047 ug/L #	81
59) 1,2,3-Trichloropropane	11.82	75	29766	5.239 ug/L #	88

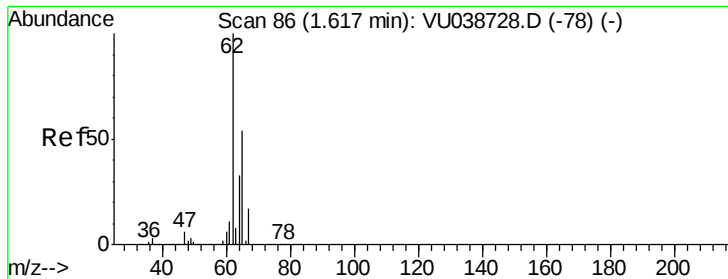
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jun 10 05:09:22 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.941 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU038749.D

Acq: 10 Jun 2020 01:24

Instrument :

MSVOA_U

ClientSampleId :

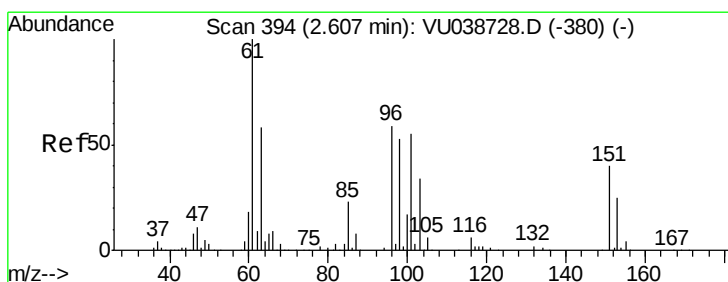
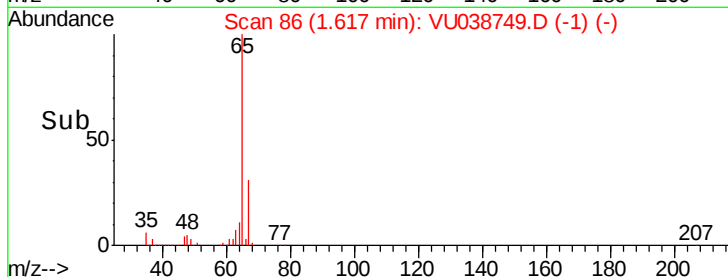
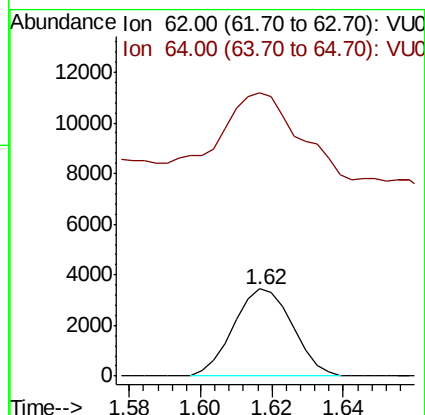
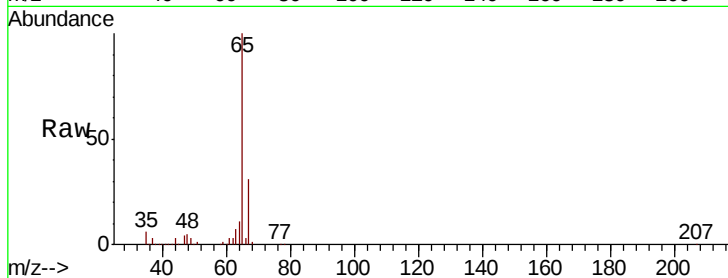
EW0M0

Tot Ion: 62 Resp: 3945

Ion Ratio Lower Upper

62 100

64 323.7 23.0 42.8#



#12

1,1-Dichloroethene

Concen: 0.896 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU038749.D

Acq: 10 Jun 2020 01:24

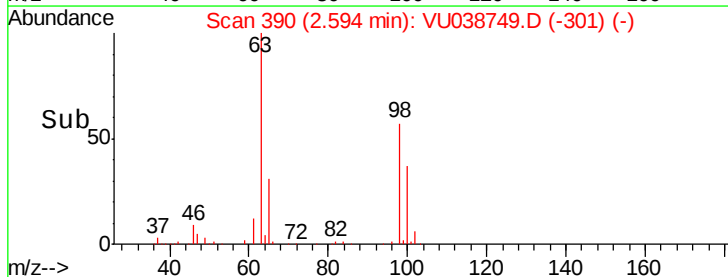
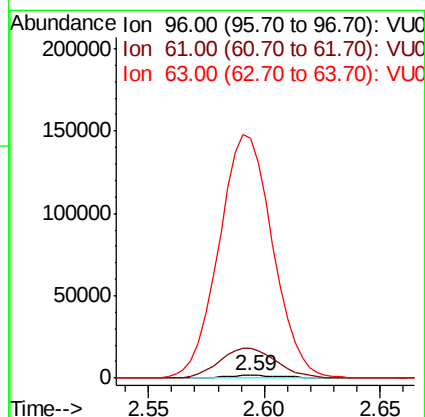
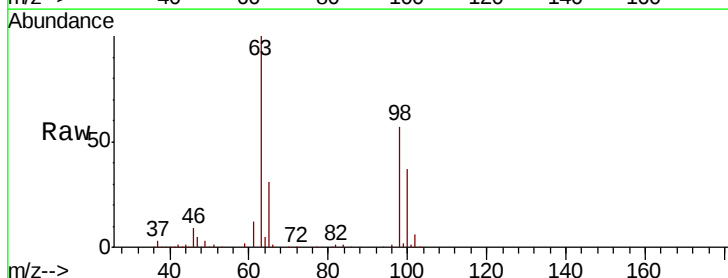
Tgt Ion: 96 Resp: 2973

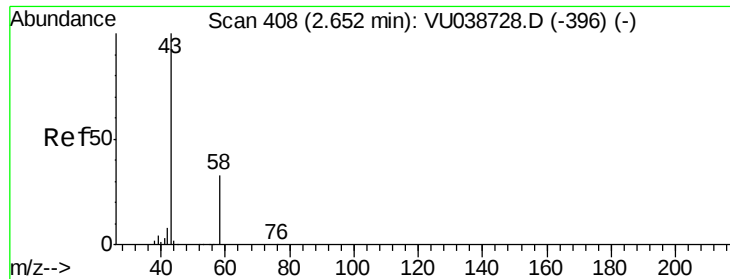
Ion Ratio Lower Upper

96 100

61 1161.6 120.0 223.0#

63 9429.8 75.8 140.8#





#13

Acetone

Concen: 1.899 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU038749.D

Acq: 10 Jun 2020 01:24

Instrument :

MSVOA_U

ClientSampleId :

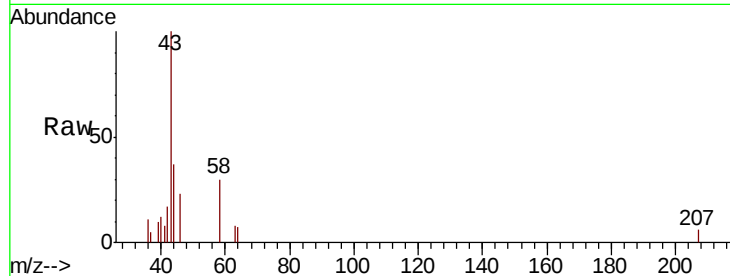
EW0M0

Tot Ion: 43 Resp: 4361

Ion Ratio Lower Upper

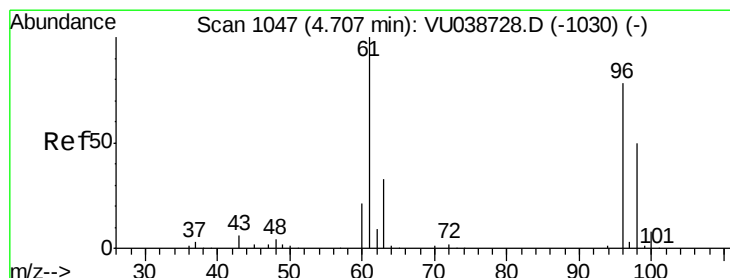
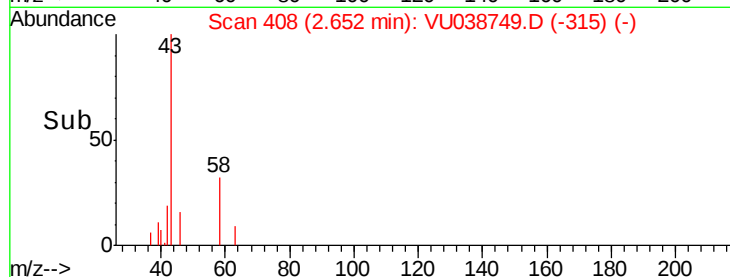
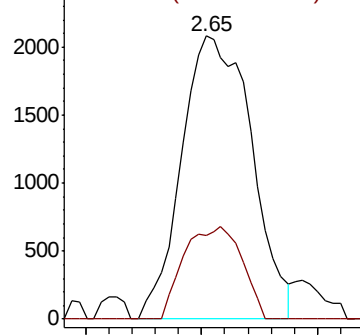
43 100

58 27.1 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VU038728.D (-396) (-)

Ion 58.00 (57.70 to 58.70): VU038728.D (-396) (-)



#20

cis-1,2-Dichloroethene

Concen: 76.802 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU038749.D

Acq: 10 Jun 2020 01:24

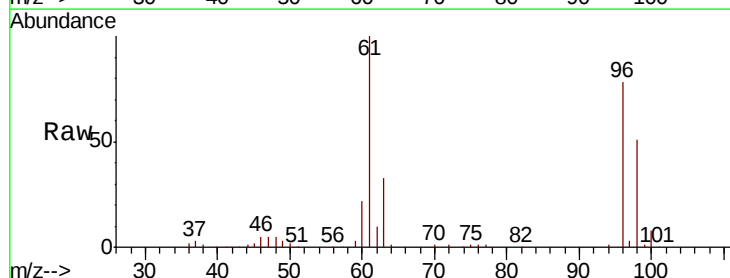
Tgt Ion: 96 Resp: 308259

Ion Ratio Lower Upper

96 100

61 128.2 89.5 166.1

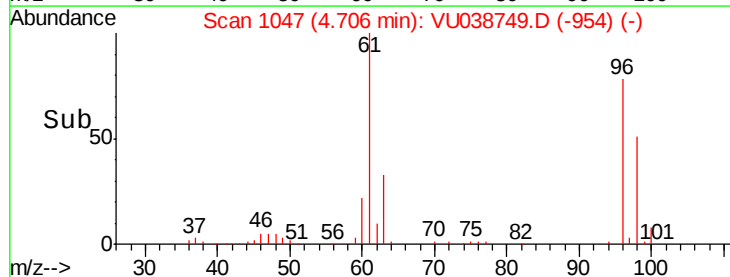
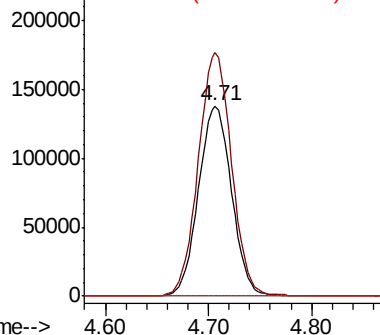
68 0.0 0.0 0.0

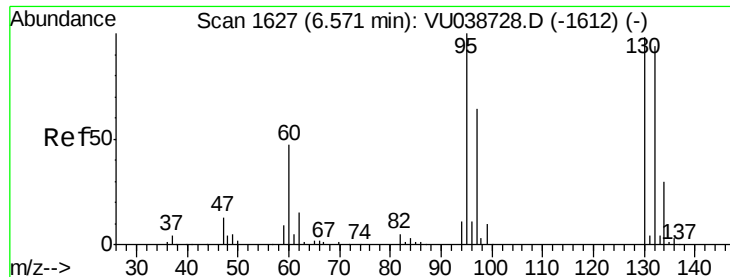


Abundance Ion 96.00 (95.70 to 96.70): VU038728.D (-1030) (-)

Ion 61.00 (60.70 to 61.70): VU038728.D (-1030) (-)

Ion 68.00 (67.70 to 68.70): VU038728.D (-1030) (-)

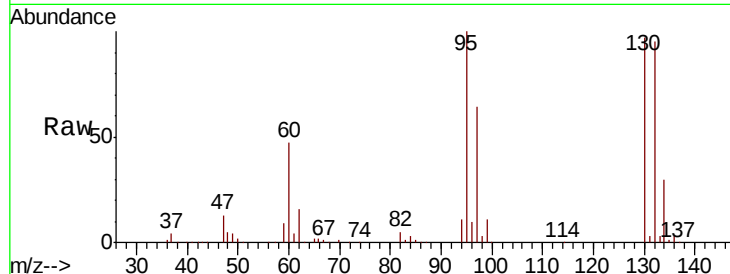




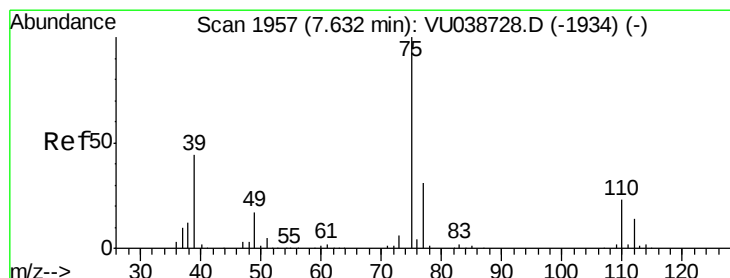
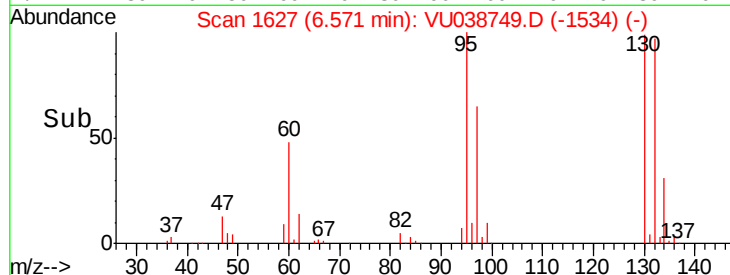
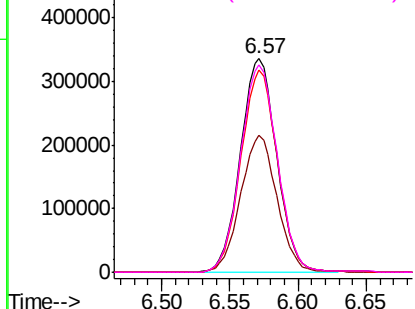
#34
 Trichloroethene
 Concen: 157.310 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU038749.D
 Acq: 10 Jun 2020 01:24

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0M0

Tot Ion: 95 Resp: 622126
 Ion Ratio Lower Upper
 95 100
 97 64.0 44.4 82.4
 132 94.6 64.9 120.5
 130 97.3 68.6 127.4

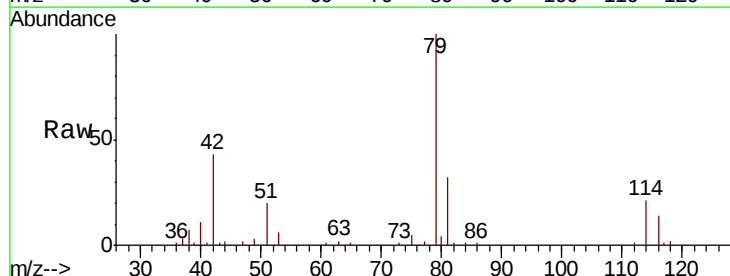


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

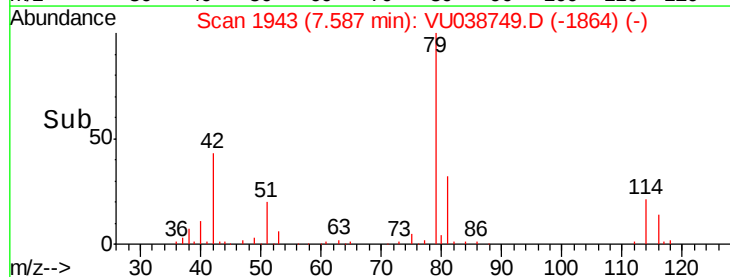
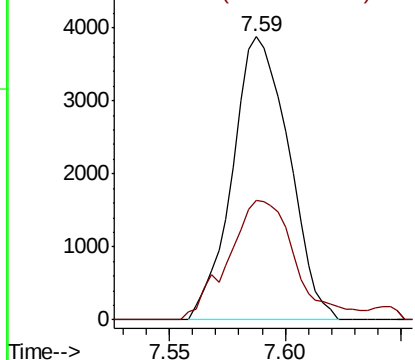


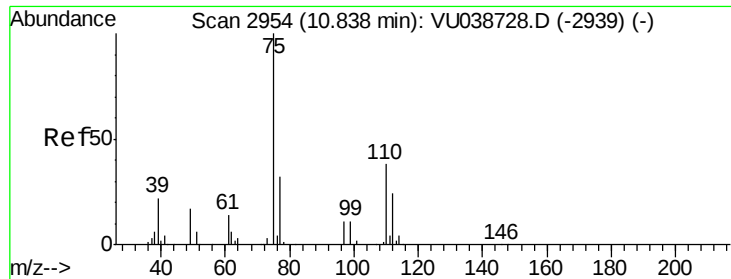
#39
 cis-1,3-Dichloropropene
 Concen: 1.047 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU038749.D
 Acq: 10 Jun 2020 01:24

Tgt Ion: 75 Resp: 6545
 Ion Ratio Lower Upper
 75 100
 77 42.2 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: 5.239 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038749.D

Acq: 10 Jun 2020 01:24

Instrument :

MSVOA_U

ClientSampleId :

EW0M0

Tot Ion: 75 Resp: 29766

Ion Ratio Lower Upper

75 100

77 38.5 25.3 37.9#

