

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061020\
 Data File : VU038730.D
 Acq On : 09 Jun 2020 18:24
 Operator : SY/MD
 Sample : L2897-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0K9

Quant Time: Jun 10 05:11:06 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	555680	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	545420	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	255517	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	142016	45.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.48%
7) Chloroethane-d5	1.93	69	115500	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.92%
11) 1,1-Dichloroethene-d2	2.59	63	223361	33.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.02%
21) 2-Butanone-d5	4.66	46	271451	89.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.87%
24) Chloroform-d	5.10	84	289030	43.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.36%
26) 1,2-Dichloroethane-d4	5.74	65	197477	44.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.02%
32) Benzene-d6	5.76	84	592947	45.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.26%
36) 1,2-Dichloropropane-d6	6.72	67	182421	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.10%
41) Toluene-d8	7.92	98	508191	42.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	8.20	79	88355	43.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.68%
47) 2-Hexanone-d5	8.65	63	195475	90.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.70%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	255210	42.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.50%
64) 1,2-Dichlorobenzene-d4	12.21	152	201982	45.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.06%

Target Compounds

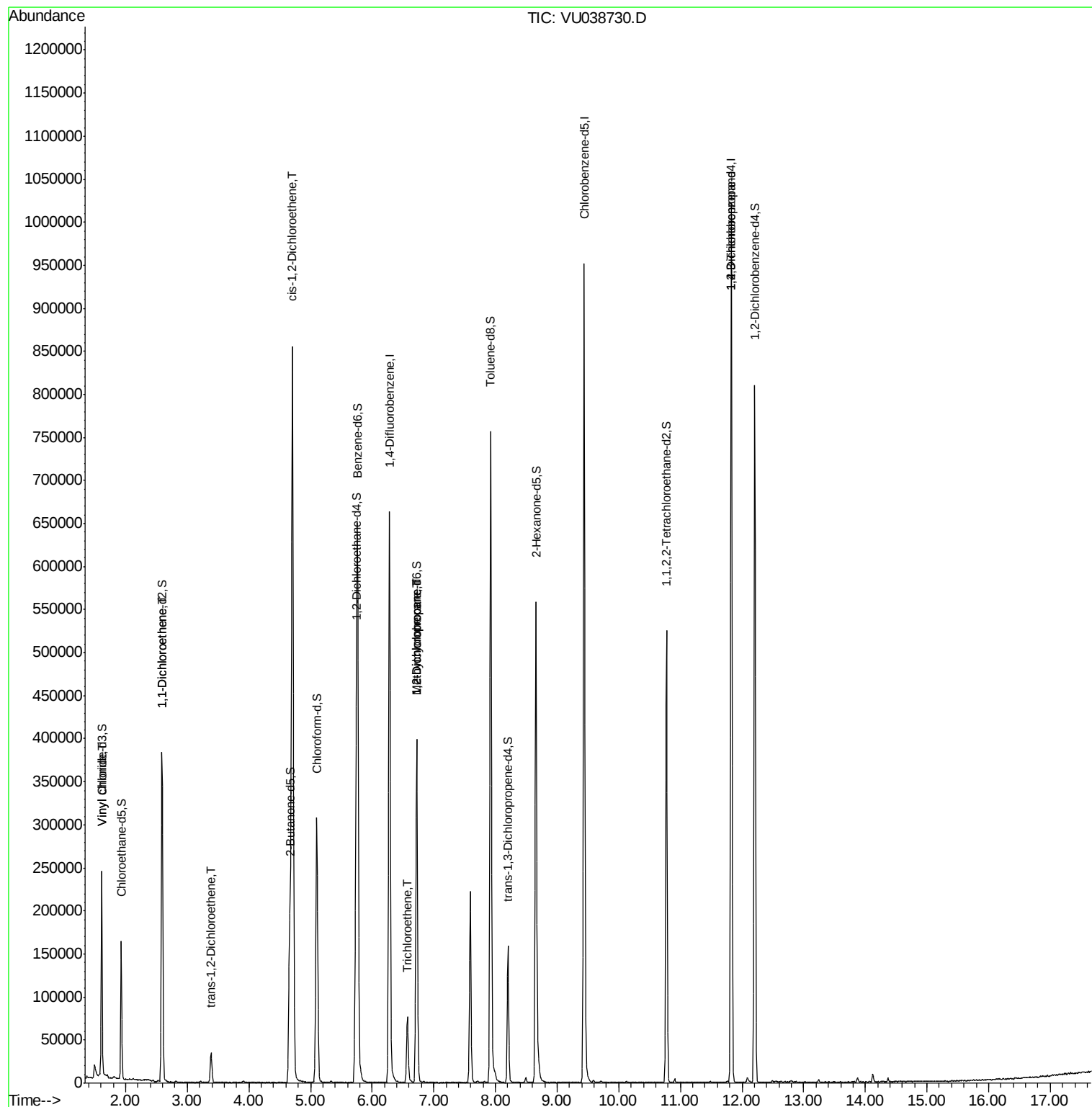
					Ovalue
5) Vinyl chloride	1.62	62	22251	5.005 ug/L #	53
12) 1,1-Dichloroethene	2.60	96	3103	0.882 ug/L #	1
17) trans-1,2-Dichloroethene	3.38	96	14619	3.798 ug/L	95
20) cis-1,2-Dichloroethene	4.71	96	438952	103.170 ug/L	97
34) Trichloroethene	6.57	95	23059	5.598 ug/L	89
35) Methylcyclohexane	6.72	83	44005	7.083 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	20468	4.850 ug/L #	87
59) 1,2,3-Trichloropropane	11.83	75	32348	5.466 ug/L	92

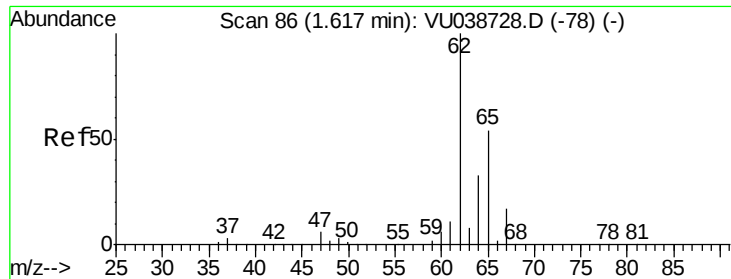
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.005 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU038730.D

Acq: 09 Jun 2020 18:24

Instrument :

MSVOA_U

ClientSampleId :

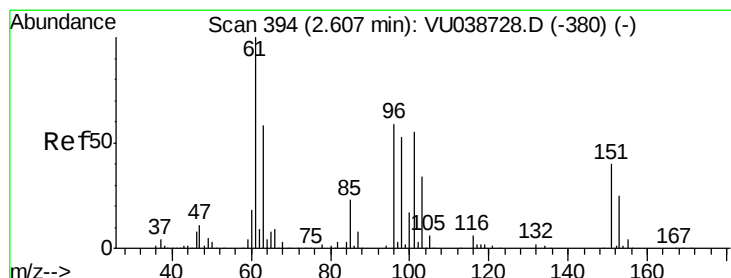
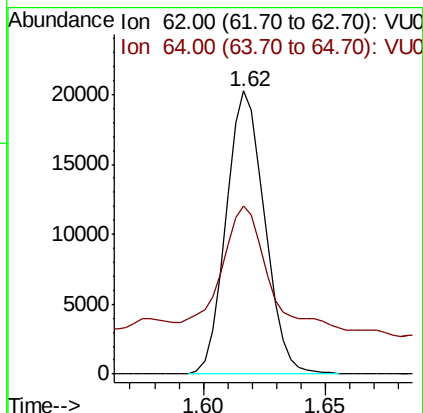
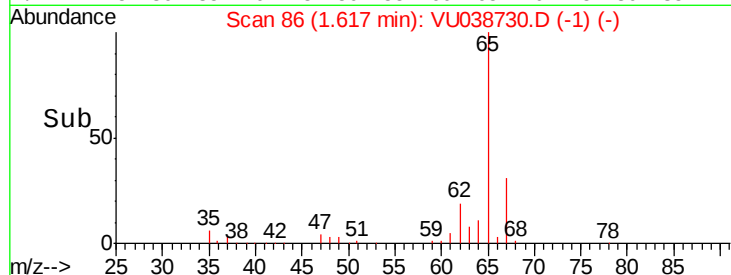
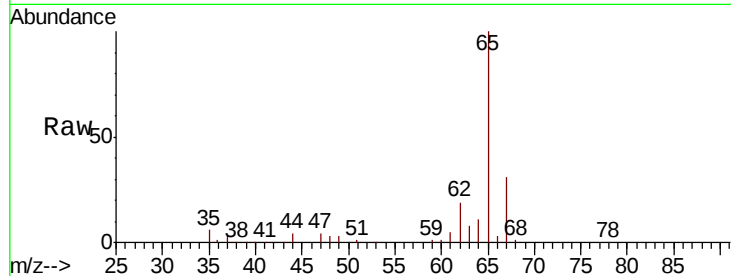
EW0K9

Tot Ion: 62 Resp: 22251

Ion Ratio Lower Upper

62 100

64 59.6 23.0 42.8#



#12

1,1-Dichloroethene

Concen: 0.882 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU038730.D

Acq: 09 Jun 2020 18:24

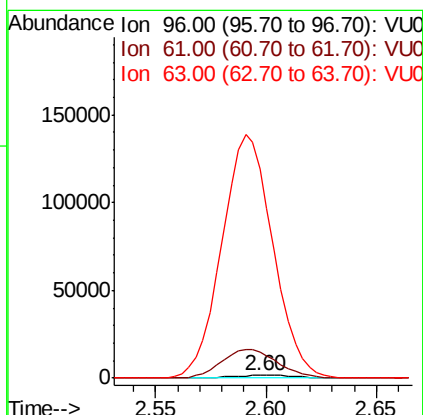
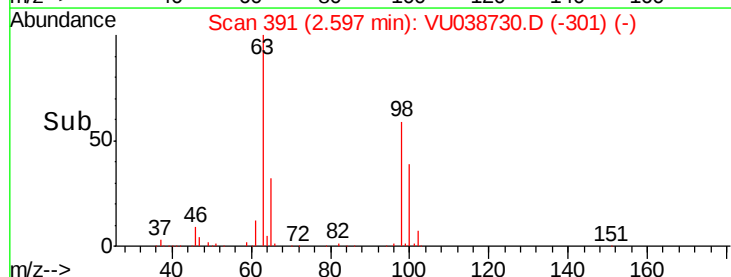
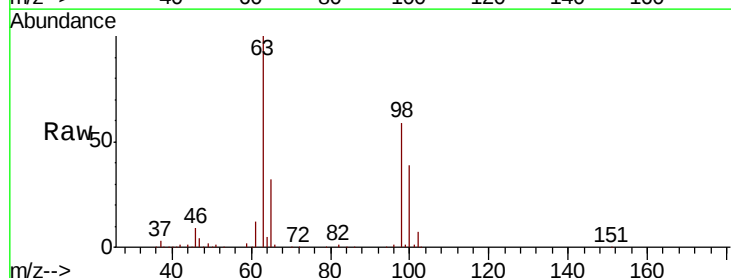
Tgt Ion: 96 Resp: 3103

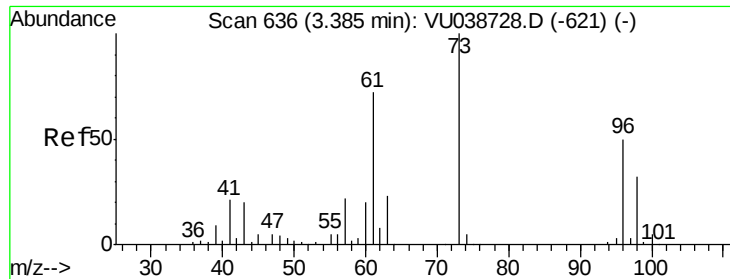
Ion Ratio Lower Upper

96 100

61 900.7 120.0 223.0#

63 7227.2 75.8 140.8#

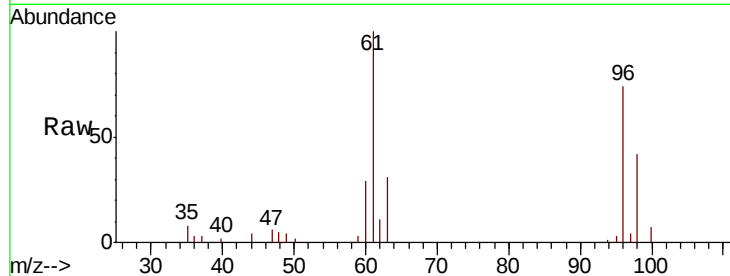




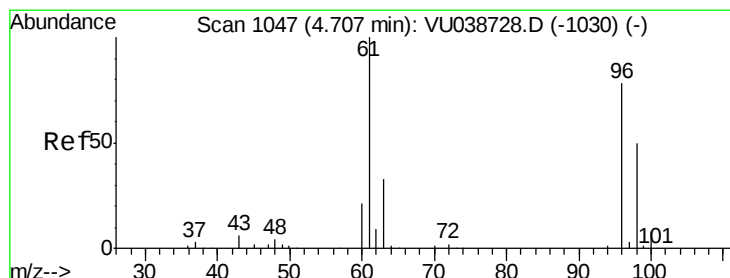
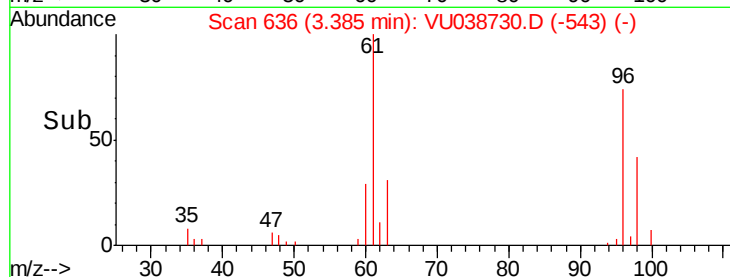
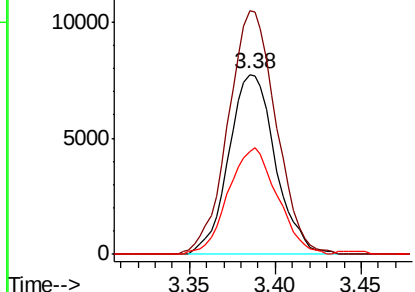
#17
trans-1,2-Dichloroethene
Concen: 3.798 ug/L
RT: 3.38 min Scan# 636
Delta R.T. -0.00 min
Lab File: VU038730.D
Acq: 09 Jun 2020 18:24

Instrument :
MSVOA_U
ClientSampleId :
EW0K9

Tot Ion: 96 Resp: 14619
Ion Ratio Lower Upper
96 100
61 135.3 98.2 182.4
98 57.0 44.3 82.3

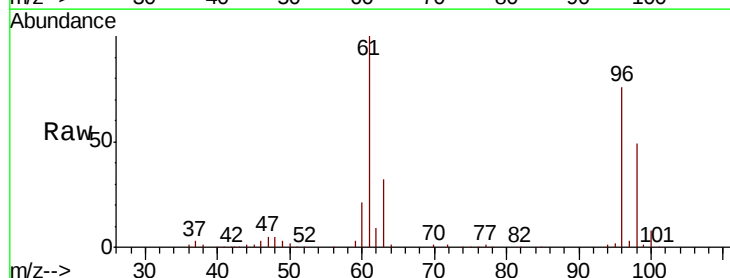


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

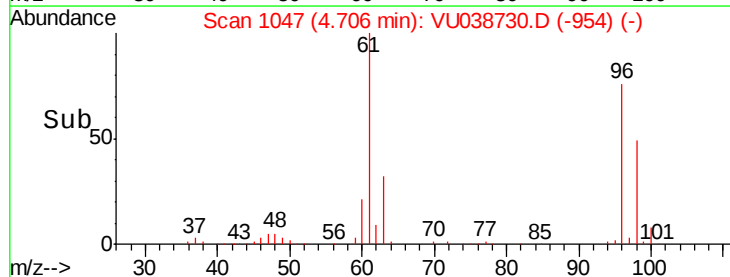
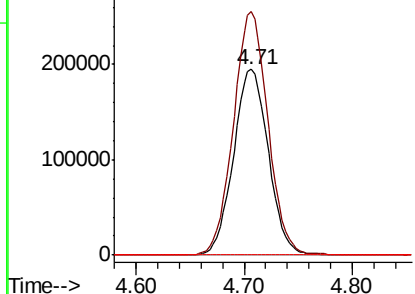


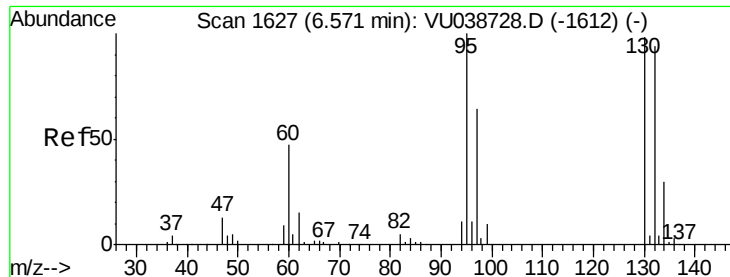
#20
cis-1,2-Dichloroethene
Concen: 103.170 ug/L
RT: 4.71 min Scan# 1047
Delta R.T. -0.00 min
Lab File: VU038730.D
Acq: 09 Jun 2020 18:24

Tgt Ion: 96 Resp: 438952
Ion Ratio Lower Upper
96 100
61 131.0 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: 5.598 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038730.D

Acq: 09 Jun 2020 18:24

Instrument :

MSVOA_U

ClientSampleId :

EW0K9

Tot Ion: 95 Resp: 23059

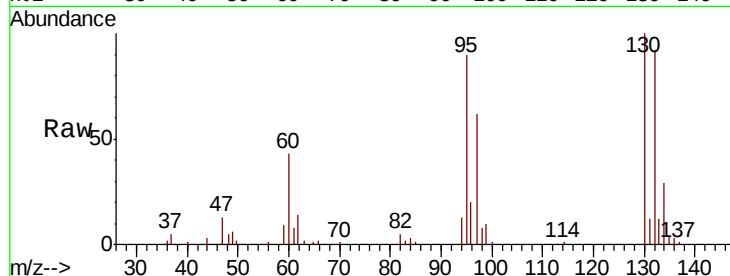
Ion Ratio Lower Upper

95 100

97 69.0 44.4 82.4

132 102.6 64.9 120.5

130 111.4 68.6 127.4

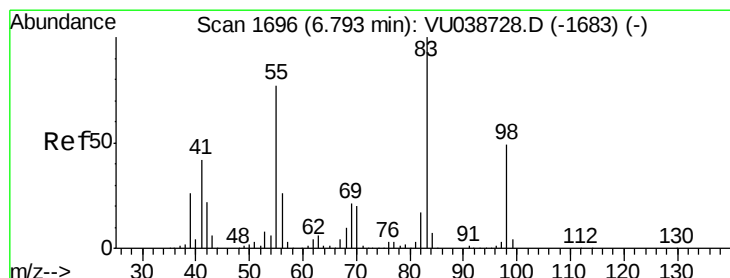
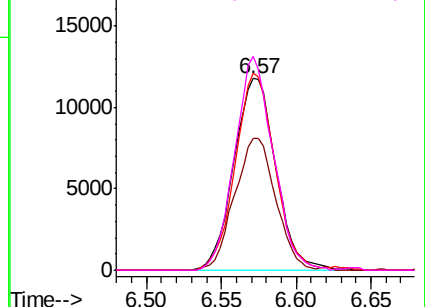
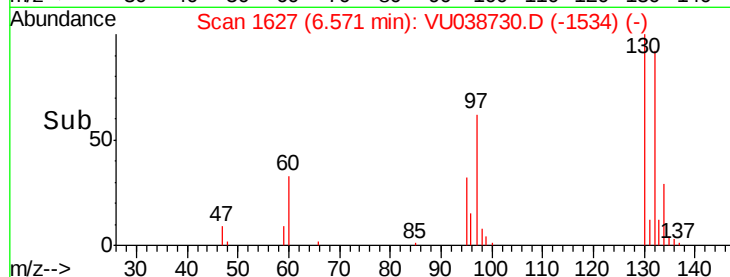


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#35

Methylcyclohexane

Concen: 7.083 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU038730.D

Acq: 09 Jun 2020 18:24

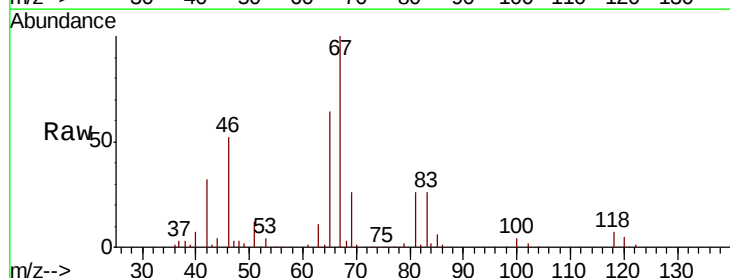
Tgt Ion: 83 Resp: 44005

Ion Ratio Lower Upper

83 100

55 0.2 63.2 94.8#

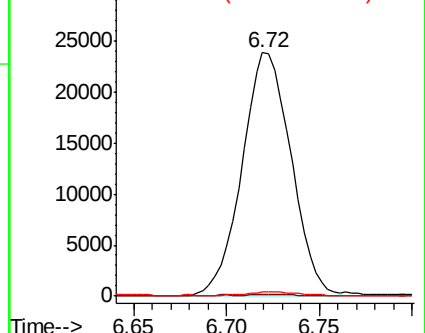
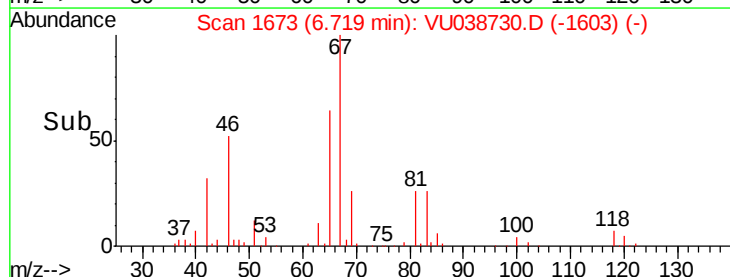
98 0.0 38.4 57.6#

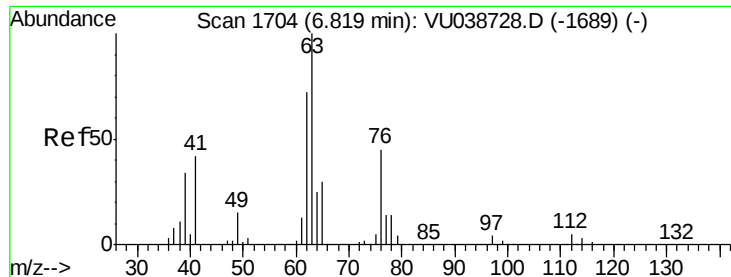


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

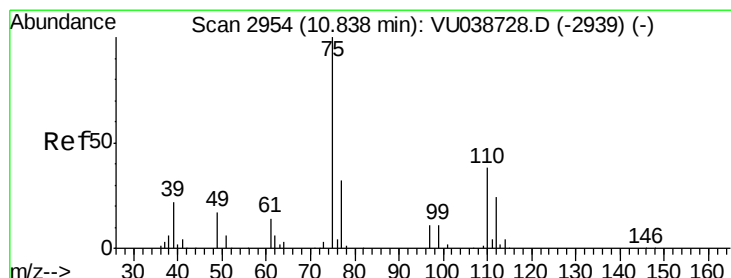
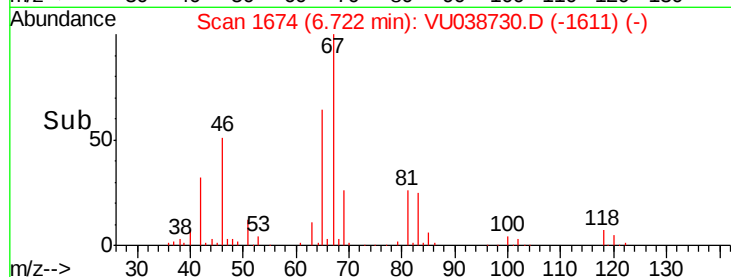
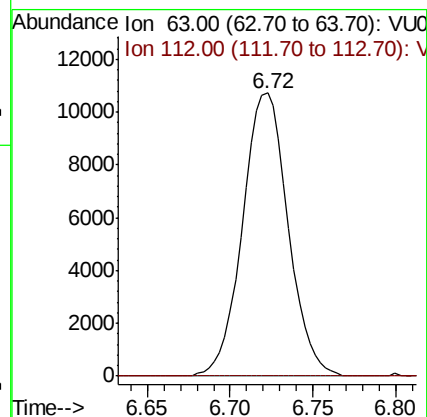
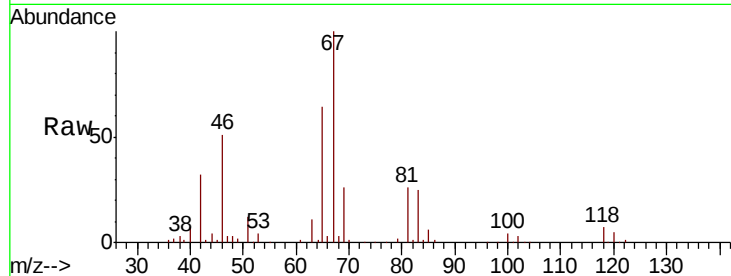




#37
 1,2-Dichloropropane
 Concen: 4.850 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038730.D
 Acq: 09 Jun 2020 18:24

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0K9

Tot Ion: 63 Resp: 20468
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.466 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.99 min
 Lab File: VU038730.D
 Acq: 09 Jun 2020 18:24

Tgt Ion: 75 Resp: 32348
 Ion Ratio Lower Upper
 75 100
 77 36.3 25.3 37.9

