

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052920\NOT REVIEWED DATA\
 Data File : VU038372.D
 Acq On : 29 May 2020 11:22
 Operator : JC/MD
 Sample : L2793-04DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 29 17:29:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 29 16:52:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	618097	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	605228	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	280581	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	194491	50.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.26%
7) Chloroethane-d5	1.93	69	159771	53.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.59	63	303657	38.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.58%
21) 2-Butanone-d5	4.66	46	397019	107.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.69%
24) Chloroform-d	5.10	84	382748	50.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.46%
26) 1,2-Dichloroethane-d4	5.74	65	261667	50.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.22%
32) Benzene-d6	5.76	84	804017	51.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.26%
36) 1,2-Dichloropropane-d6	6.72	67	246623	50.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.18%
41) Toluene-d8	7.92	98	701245	50.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.88%
43) trans-1,3-Dichloropropene-	8.20	79	120589	49.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.38%
47) 2-Hexanone-d5	8.65	63	290760	113.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.29%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	348625	48.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.64%
64) 1,2-Dichlorobenzene-d4	12.20	152	274789	52.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.68%

Target Compounds

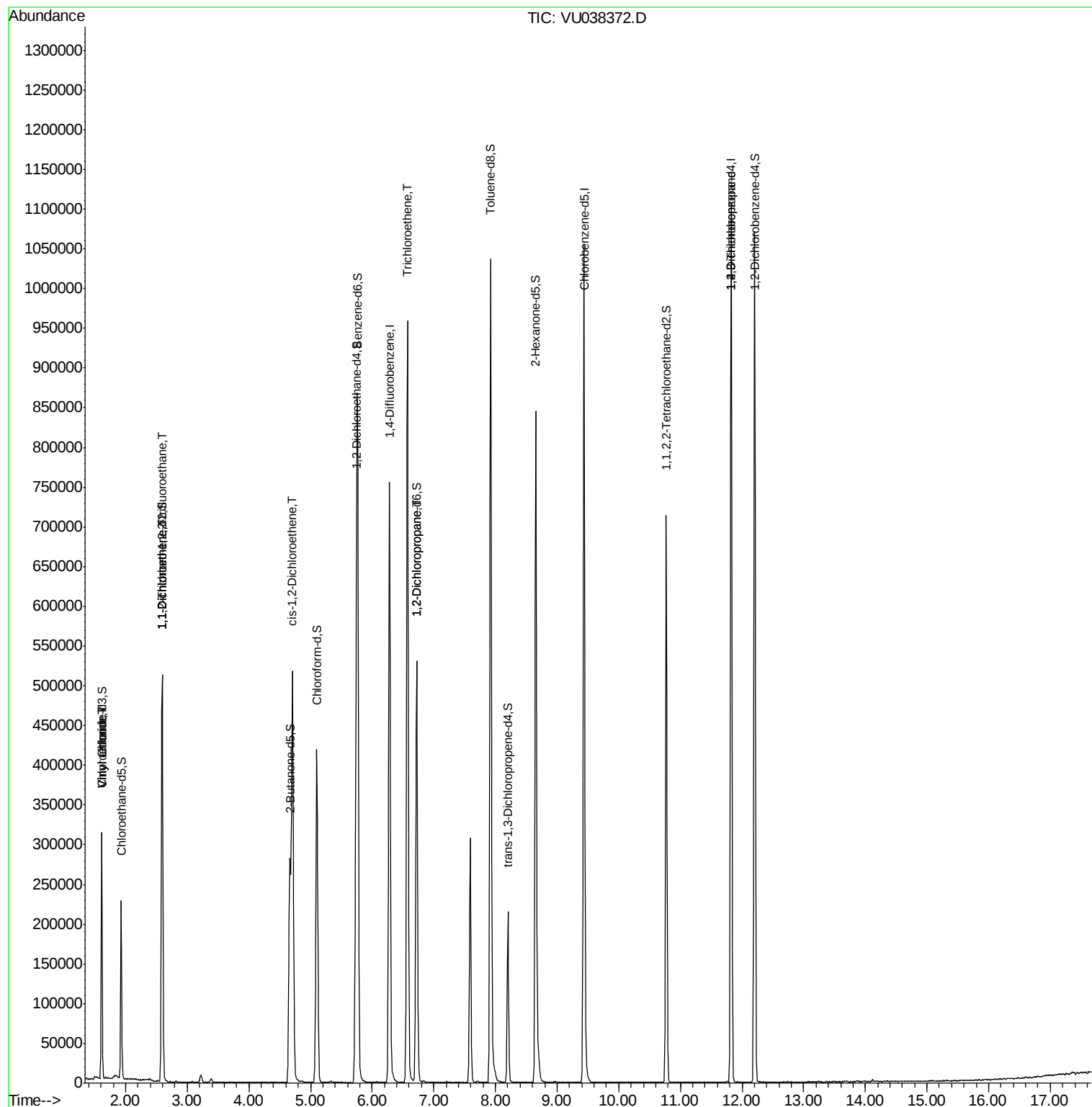
					Ovalue
5) Vinyl chloride	1.62	62	21309	4.498 ug/L #	72
8) Chloroethane	1.62	64	9662	3.338 ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2939	0.774 ug/L #	20
12) 1,1-Dichloroethene	2.59	96	3056	0.815 ug/L #	1
20) cis-1,2-Dichloroethene	4.71	96	256774	58.230 ug/L	97
34) Trichloroethene	6.57	95	328596	75.555 ug/L	98
37) 1,2-Dichloropropane	6.72	63	27036	6.133 ug/L #	86
59) 1,2,3-Trichloropropane	11.82	75	36571	5.932 ug/L	95

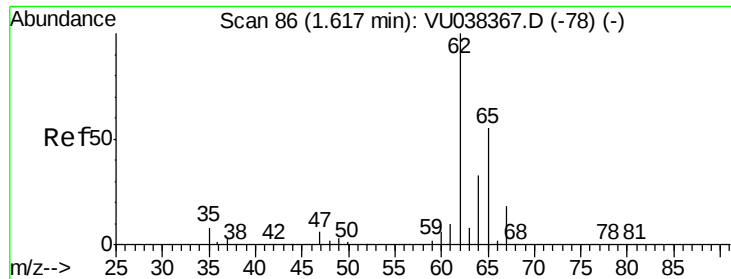
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 29 16:52:36 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.498 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU038372.D

Acq: 29 May 2020 11:22

Instrument :

MSVOA_U

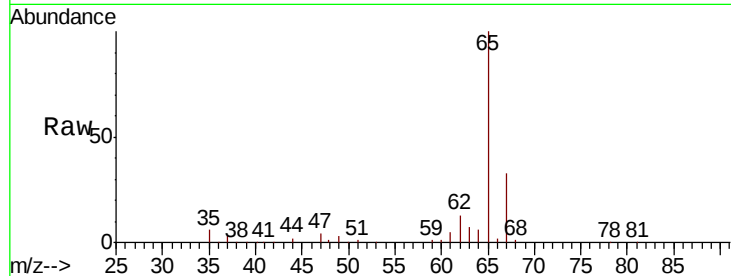
ClientSampled :

Tot Ion: 62 Resp: 21309

Ion Ratio Lower Upper

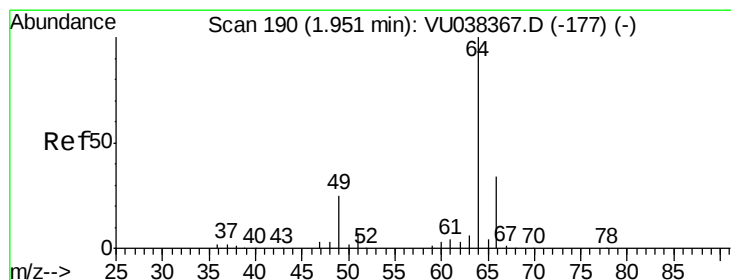
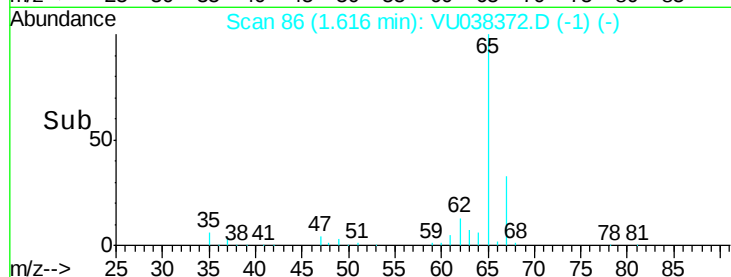
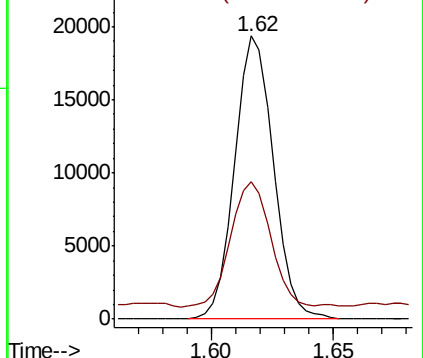
62 100

64 48.8 23.2 43.0#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#8

Chloroethane

Concen: 3.338 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.33 min

Lab File: VU038372.D

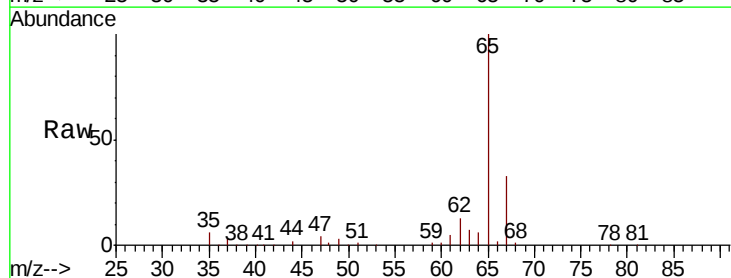
Acq: 29 May 2020 11:22

Tgt Ion: 64 Resp: 9662

Ion Ratio Lower Upper

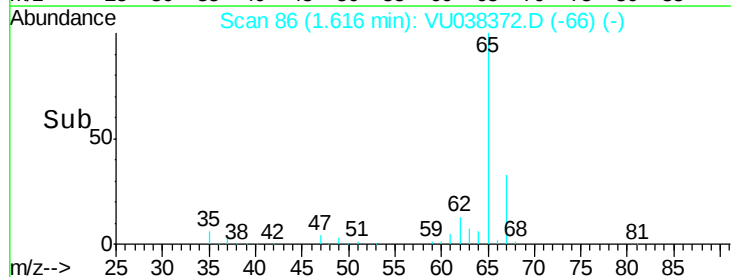
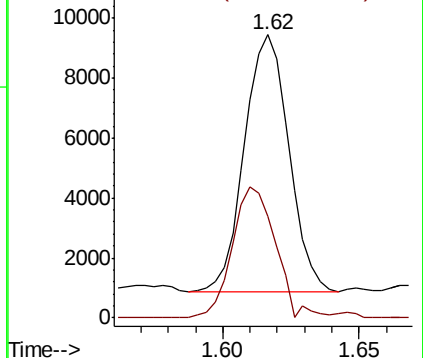
64 100

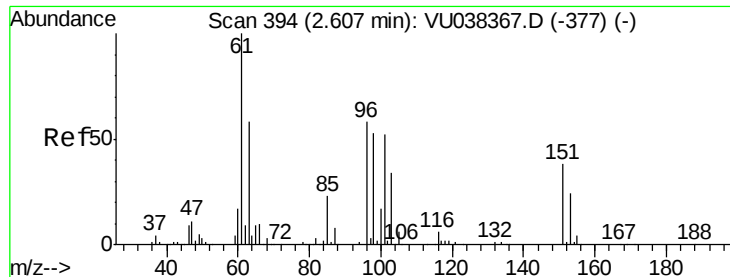
66 36.0 23.0 42.8



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#10

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

Concen: 0.774 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU038372.D

Acq: 29 May 2020 11:22

Instrument :

MSVOA_U

ClientSampleId :

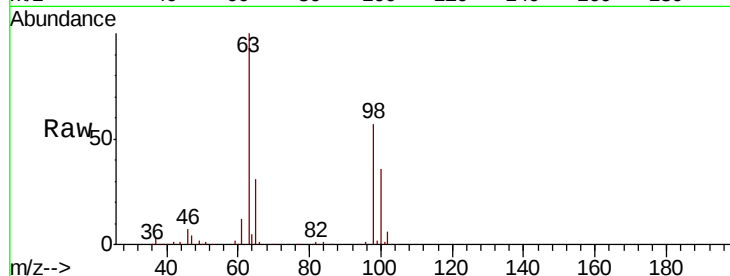
Tot Ion:101 Resp: 2939

Ion Ratio Lower Upper

101 100

85 0.0 35.5 53.3#

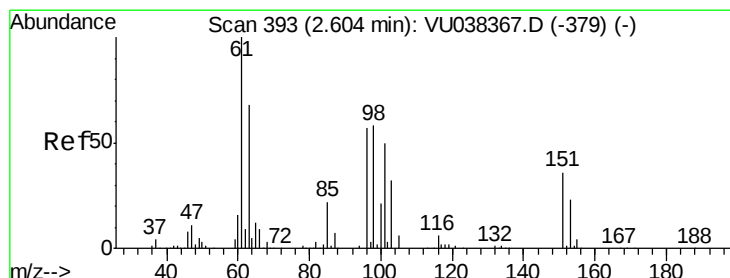
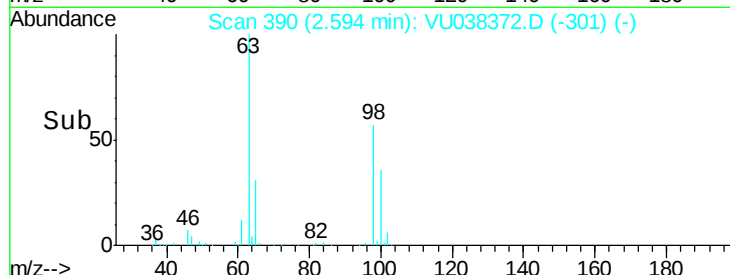
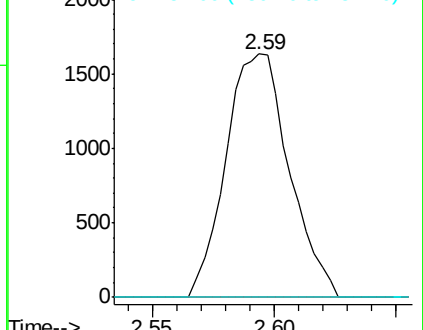
151 0.0 58.4 87.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.815 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU038372.D

Acq: 29 May 2020 11:22

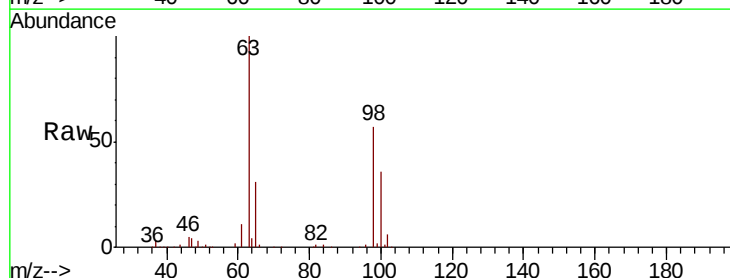
Tgt Ion: 96 Resp: 3056

Ion Ratio Lower Upper

96 100

61 1295.2 123.5 229.3#

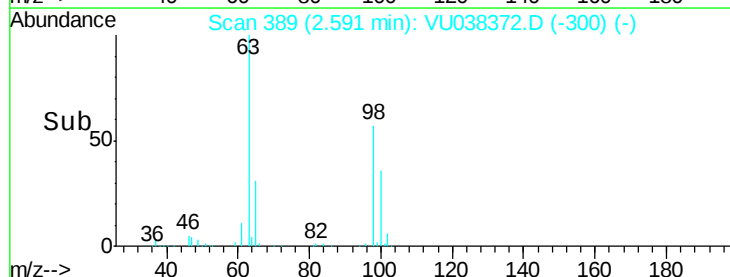
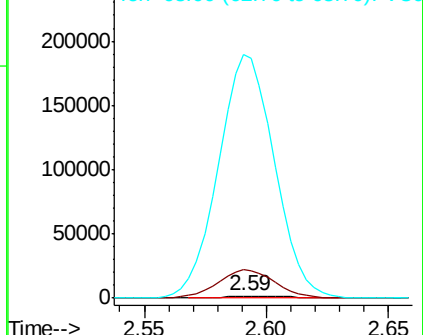
63 11280.0 76.6 142.2#

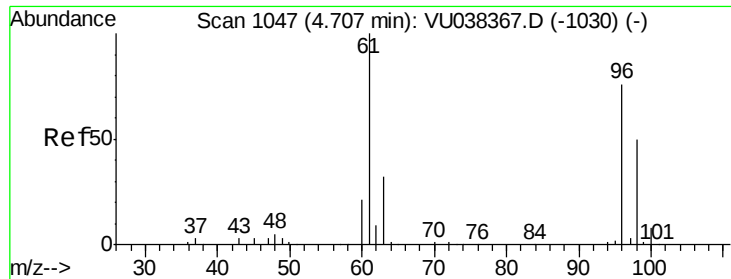


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

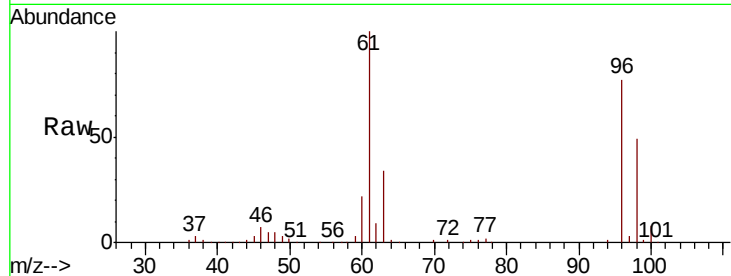




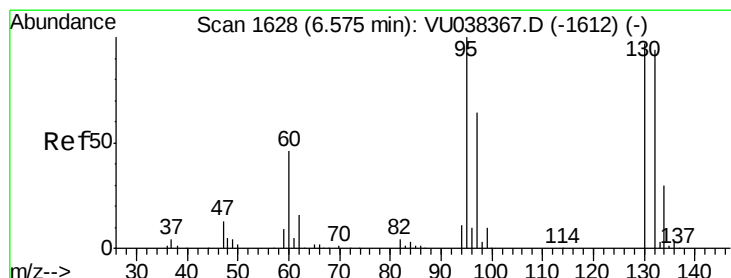
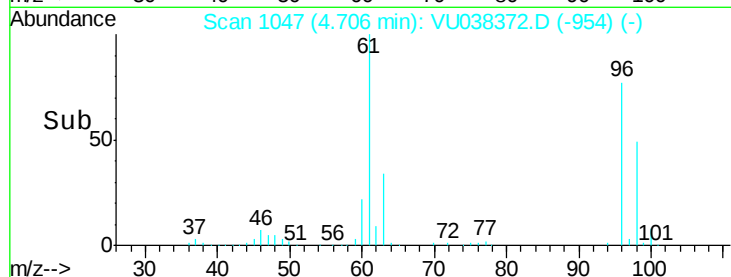
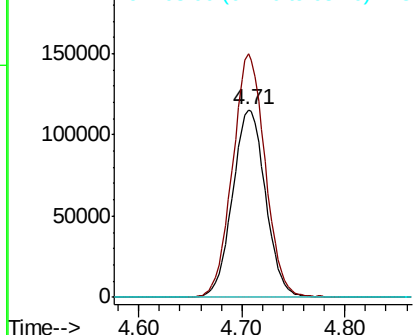
#20
 cis-1,2-Dichloroethene
 Concen: 58.230 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: VU038372.D
 Acq: 29 May 2020 11:22

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 96 Resp: 256774
 Ion Ratio Lower Upper
 96 100
 61 129.7 93.4 173.4
 68 0.0 0.0 0.0

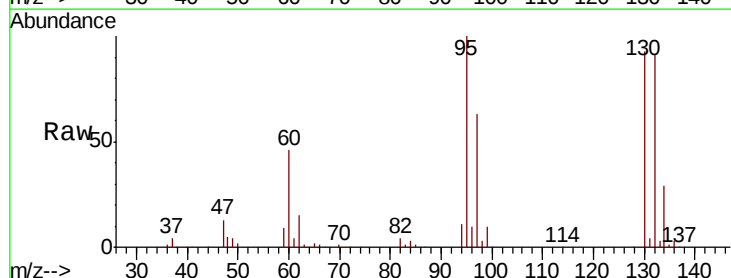


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

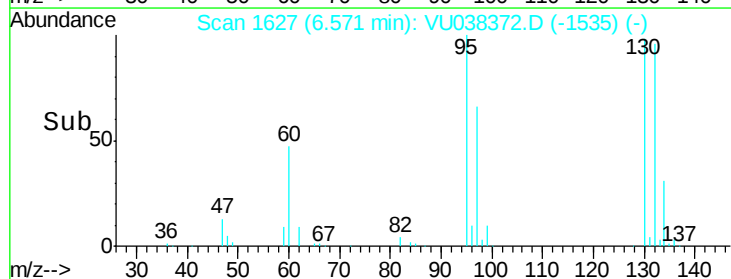
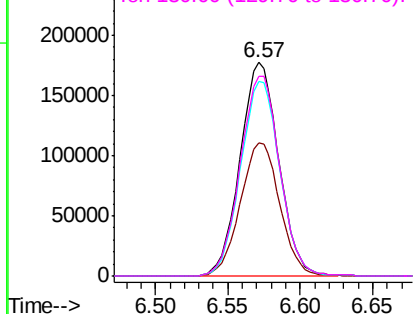


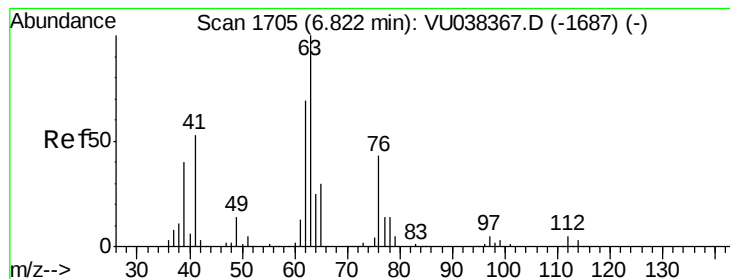
#34
 Trichloroethene
 Concen: 75.555 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU038372.D
 Acq: 29 May 2020 11:22

Tgt Ion: 95 Resp: 328596
 Ion Ratio Lower Upper
 95 100
 97 62.5 44.3 82.3
 132 91.1 64.7 120.1
 130 93.4 68.5 127.1



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





#37

1,2-Dichloropropane

Concen: 6.133 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038372.D

Acq: 29 May 2020 11:22

Instrument :

MSVOA_U

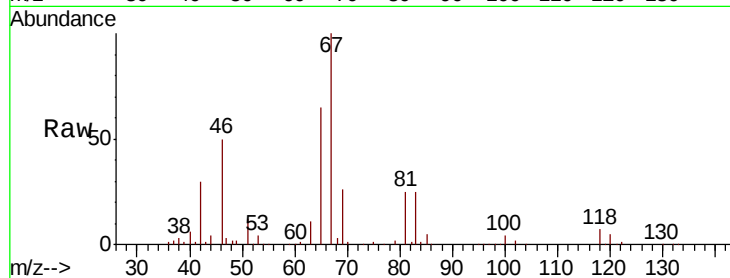
ClientSampleId :

Tot Ion: 63 Resp: 27036

Ion Ratio Lower Upper

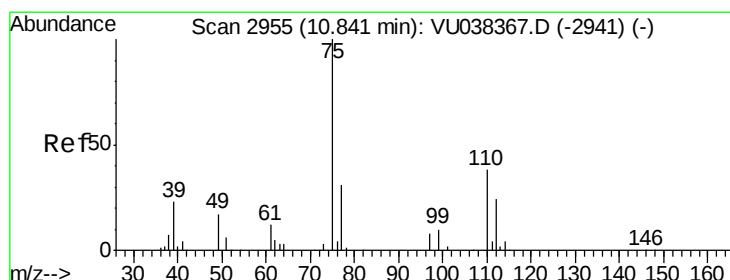
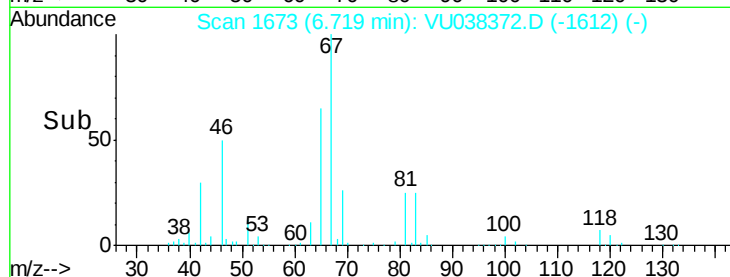
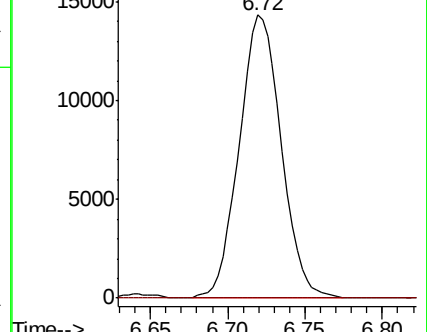
63 100

112 0.0 3.6 5.4#



Abundance Ion 63.00 (62.70 to 63.70): VU038367.D (-1687) (-)

Ion 112.00 (111.70 to 112.70): VU038367.D (-1687) (-)



#59

1,2,3-Trichloropropane

Concen: 5.932 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038372.D

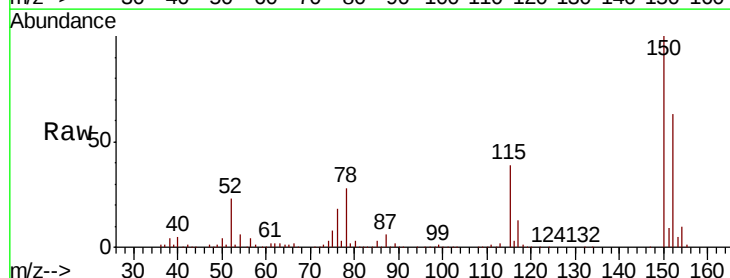
Acq: 29 May 2020 11:22

Tgt Ion: 75 Resp: 36571

Ion Ratio Lower Upper

75 100

77 35.0 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU038367.D (-2941) (-)

Ion 77.00 (76.70 to 77.70): VU038367.D (-2941) (-)

