

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052920\NOT REVIEWED DATA\
 Data File : VU038370.D
 Acq On : 29 May 2020 10:37
 Operator : JC/MD
 Sample : L2793-02DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 29 17:29:13 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	634243	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	611241	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	282589	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	196867	49.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.90%
7) Chloroethane-d5	1.93	69	159474	51.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.68%
11) 1,1-Dichloroethene-d2	2.59	63	300114	36.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.76%
21) 2-Butanone-d5	4.66	46	378227	99.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.98%
24) Chloroform-d	5.10	84	387980	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.24%
26) 1,2-Dichloroethane-d4	5.74	65	261513	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.62%
32) Benzene-d6	5.76	84	807942	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.74%
36) 1,2-Dichloropropane-d6	6.72	67	245876	49.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.88%
41) Toluene-d8	7.92	98	700082	49.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.74%
43) trans-1,3-Dichloropropene-	8.20	79	118338	48.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.56%
47) 2-Hexanone-d5	8.65	63	283794	109.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.48%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	356984	48.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.98%
64) 1,2-Dichlorobenzene-d4	12.20	152	275530	52.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

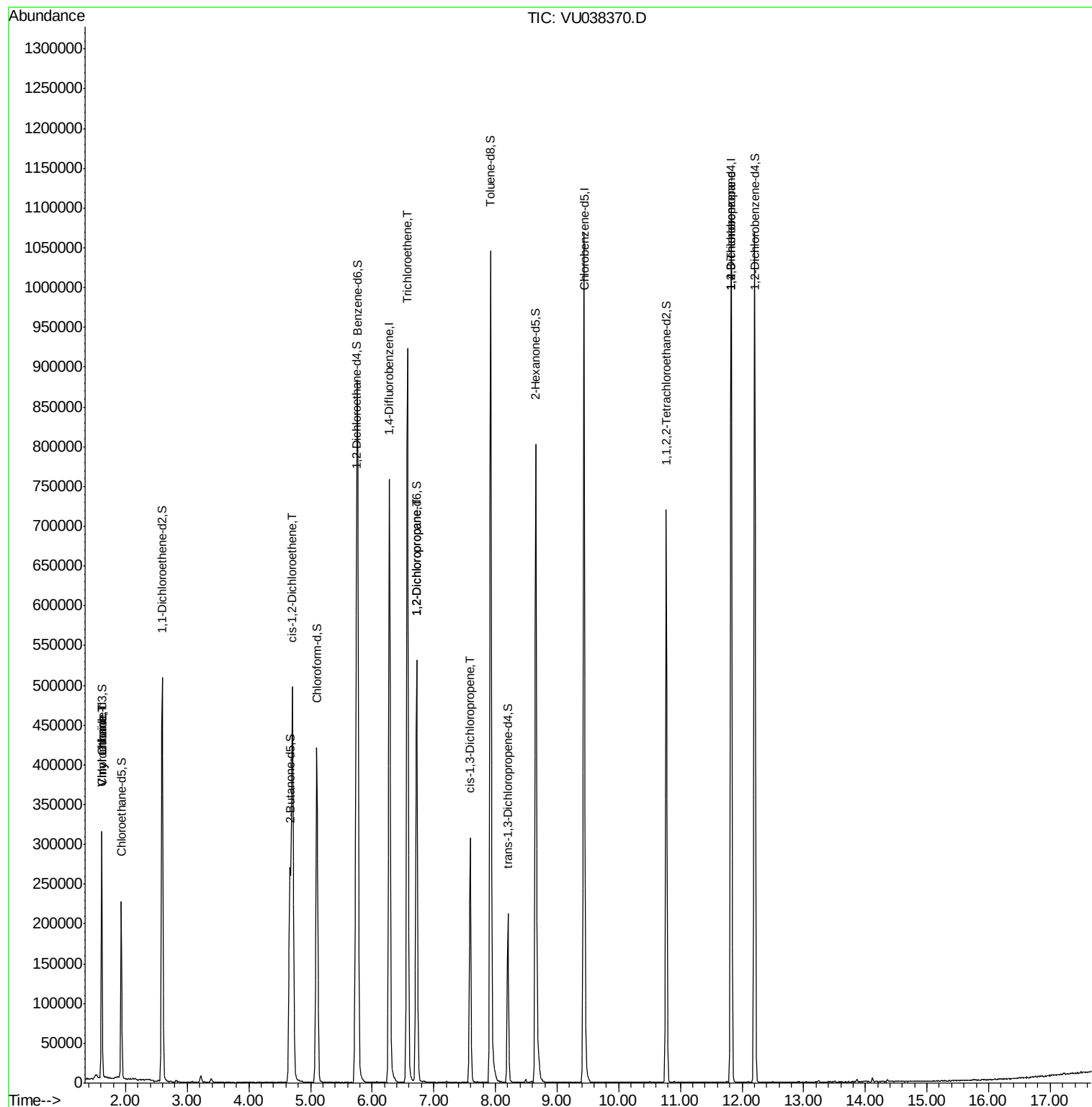
					Ovalue
5) Vinyl chloride	1.62	62	19523	4.016 ug/L #	57
8) Chloroethane	1.62	64	9874	3.324 ug/L	90
20) cis-1,2-Dichloroethene	4.71	96	244090	53.944 ug/L	98
34) Trichloroethene	6.57	95	313647	71.408 ug/L	98
37) 1,2-Dichloropropane	6.72	63	26893	6.040 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	7875	1.112 ug/L #	63
59) 1,2,3-Trichloropropane	11.83	75	36195	5.814 ug/L	92

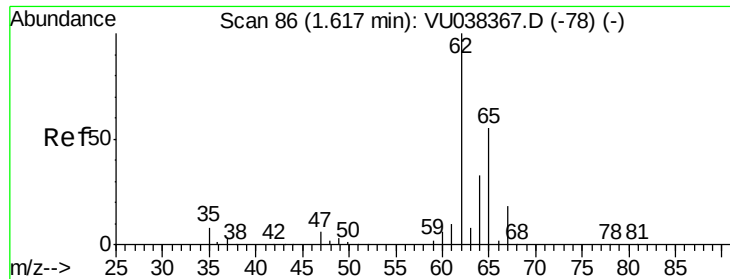
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 4.016 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU038370.D

Acq: 29 May 2020 10:37

Instrument :

MSVOA_U

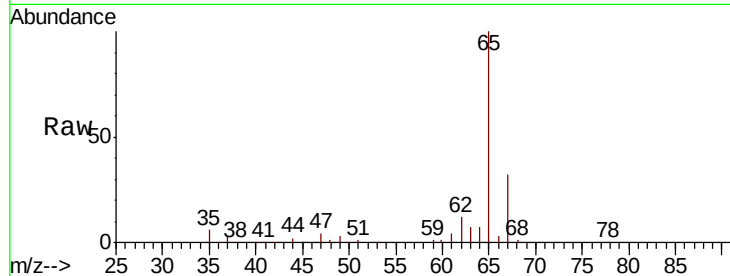
ClientSampled :

Tot Ion: 62 Resp: 19523

Ion Ratio Lower Upper

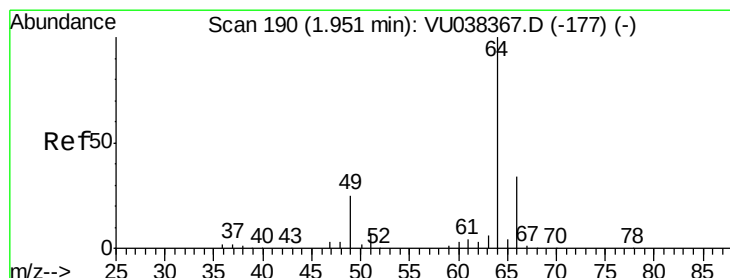
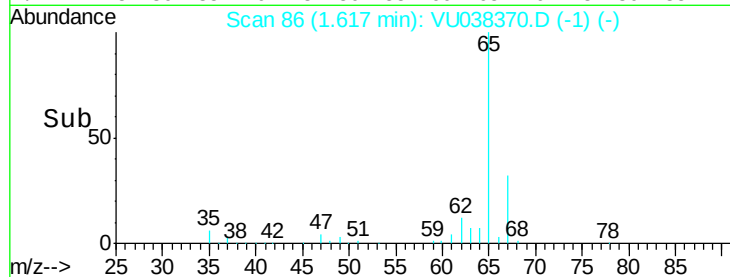
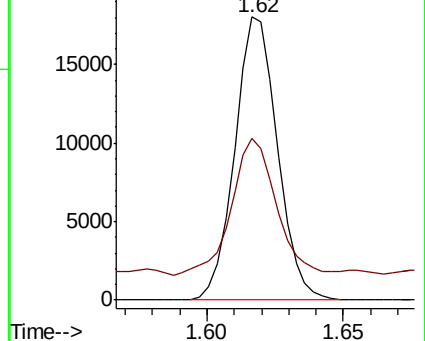
62 100

64 57.4 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: 3.324 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.33 min

Lab File: VU038370.D

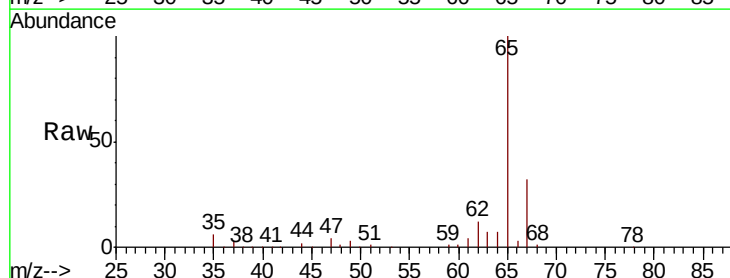
Acq: 29 May 2020 10:37

Tgt Ion: 64 Resp: 9874

Ion Ratio Lower Upper

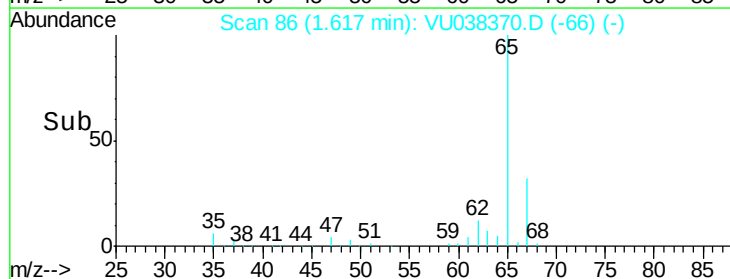
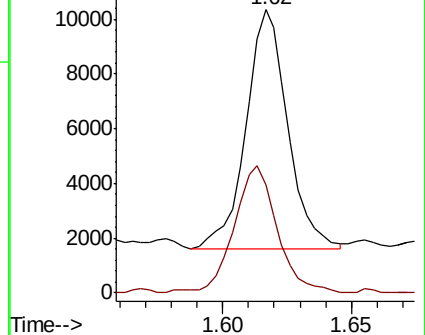
64 100

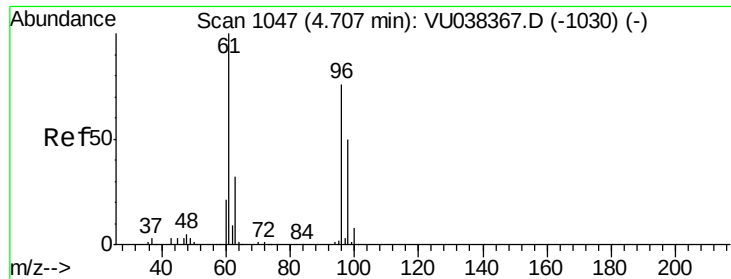
66 38.3 23.0 42.8



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0

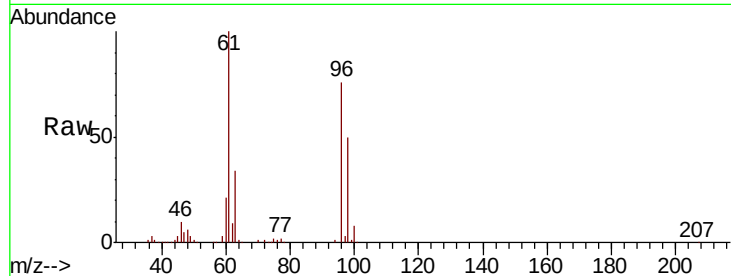




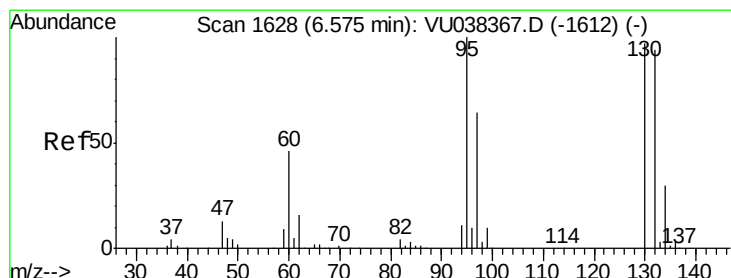
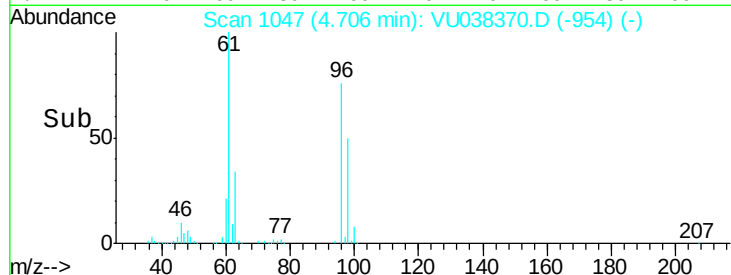
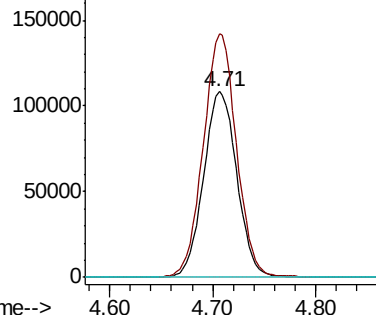
#20
 cis-1,2-Dichloroethene
 Concen: 53.944 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: VU038370.D
 Acq: 29 May 2020 10:37

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.3	93.4	173.4
68	0.0	0.0	0.0

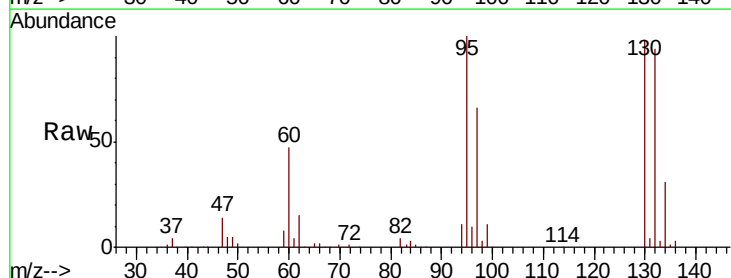


Abundance Ion 96.00 (95.70 to 96.70): VU038370.D (-1030) (-)

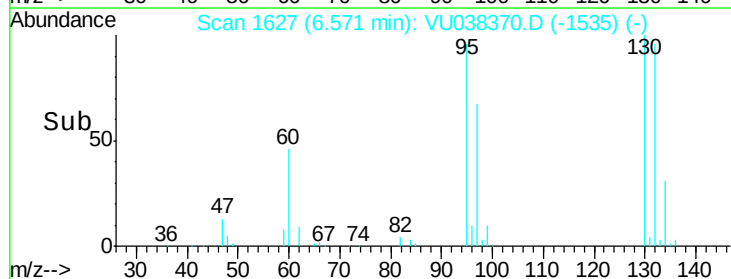
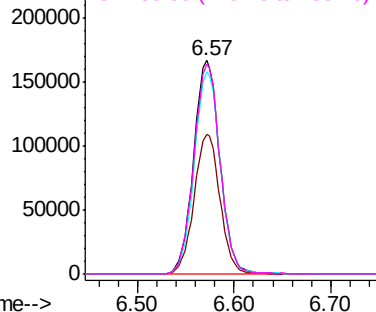


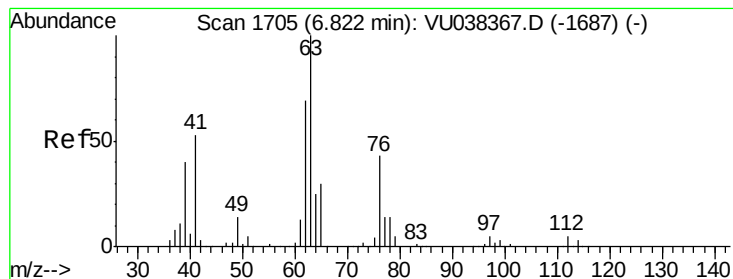
#34
 Trichloroethene
 Concen: 71.408 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU038370.D
 Acq: 29 May 2020 10:37

Tgt Ion	Ratio	Lower	Upper
95	100		
97	65.6	44.3	82.3
132	94.5	64.7	120.1
130	98.2	68.5	127.1



Abundance Ion 95.00 (94.70 to 95.70): VU038370.D (-1612) (-)





#37

1,2-Dichloropropane

Concen: 6.040 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU038370.D

Acq: 29 May 2020 10:37

Instrument :

MSVOA_U

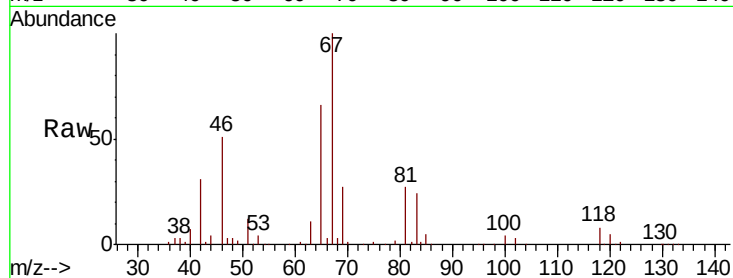
ClientSampleId :

Tot Ion: 63 Resp: 26893

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



Abundance Ion 63.00 (62.70 to 63.70): VU038370.D (-1674) (-)

Ion 112.00 (111.70 to 112.70): VU038370.D (-1674) (-)

6.72

15000

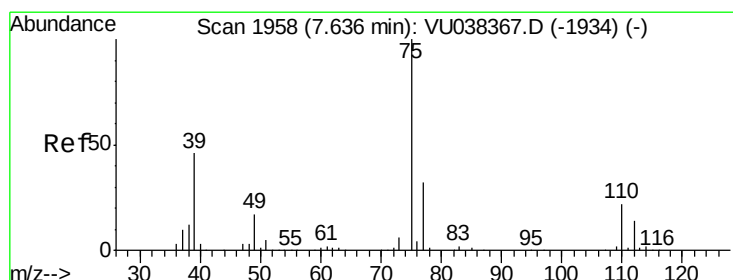
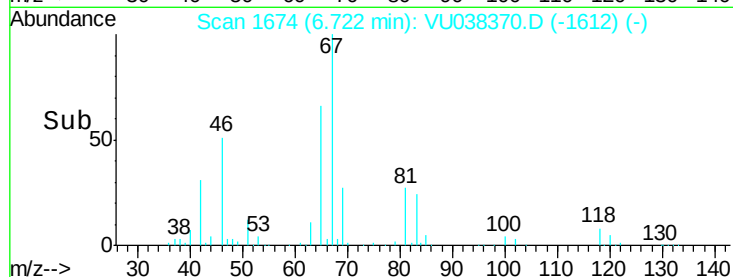
10000

5000

0

6.65 6.70 6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 1.112 ug/L

RT: 7.59 min Scan# 1943

Delta R.T. -0.05 min

Lab File: VU038370.D

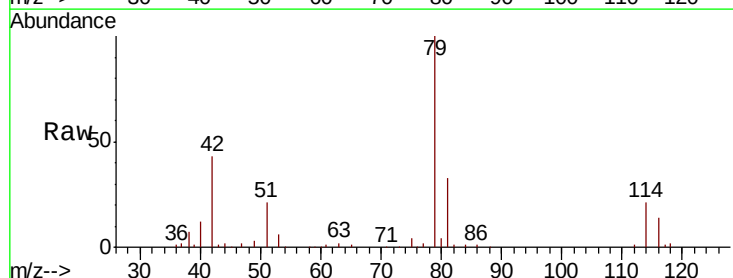
Acq: 29 May 2020 10:37

Tgt Ion: 75 Resp: 7875

Ion Ratio Lower Upper

75 100

77 51.2 21.6 40.0#



Abundance Ion 75.00 (74.70 to 75.70): VU038370.D (-1865) (-)

Ion 77.00 (76.70 to 77.70): VU038370.D (-1865) (-)

7.59

5000

4000

3000

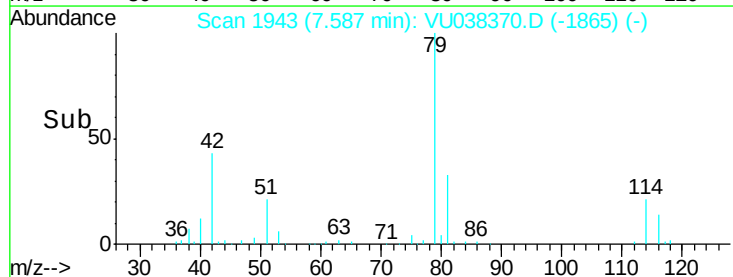
2000

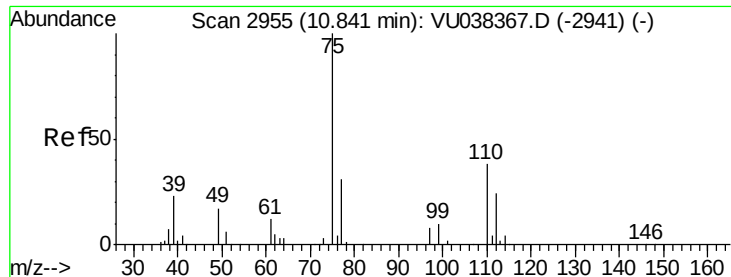
1000

0

7.55 7.60 7.65

Time-->





#59

1,2,3-Trichloropropane

Concen: 5.814 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU038370.D

Acq: 29 May 2020 10:37

Instrument :

MSVOA_U

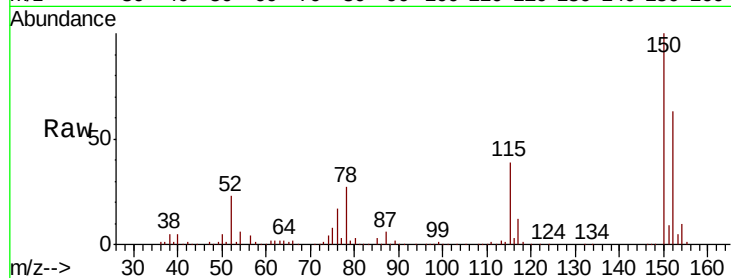
ClientSampleId :

Tot Ion: 75 Resp: 36195

Ion Ratio Lower Upper

75 100

77 36.6 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

