

Data File : VU036922.D
Acq On : 26 Feb 2020 17:57
Operator : JC/MD
Sample : L1687-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0A0

Quant Time: Feb 27 04:51:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 04:47:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	249677	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	236329	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	90133	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	91128	43.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.92%
7) Chloroethane-d5	1.93	69	83621	48.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.59	63	116643	33.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.44%
21) 2-Butanone-d5	4.67	46	149183	106.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.07%
24) Chloroform-d	5.11	84	155011	48.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.82%
26) 1,2-Dichloroethane-d4	5.74	65	107354	49.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.08%
32) Benzene-d6	5.76	84	334308	48.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.84%
36) 1,2-Dichloropropane-d6	6.72	67	112137	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.30%
41) Toluene-d8	7.93	98	301160	47.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	8.20	79	46955	45.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.26%
47) 2-Hexanone-d5	8.66	63	110561	102.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.12%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	156265	50.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.12%
64) 1,2-Dichlorobenzene-d4	12.21	152	91760	52.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.16%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1257	0.788 ug/L #	25
13) Acetone	2.66	43	2341	1.618 ug/L	99
30) 1,1,1-Trichloroethane	5.36	97	8150	3.216 ug/L	93
34) Trichloroethene	6.57	95	4304	2.345 ug/L	97
37) 1,2-Dichloropropane	6.73	63	12229	6.083 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2964	0.957 ug/L #	60
59) 1,2,3-Trichloropropane	11.83	75	13332	5.155 ug/L	89

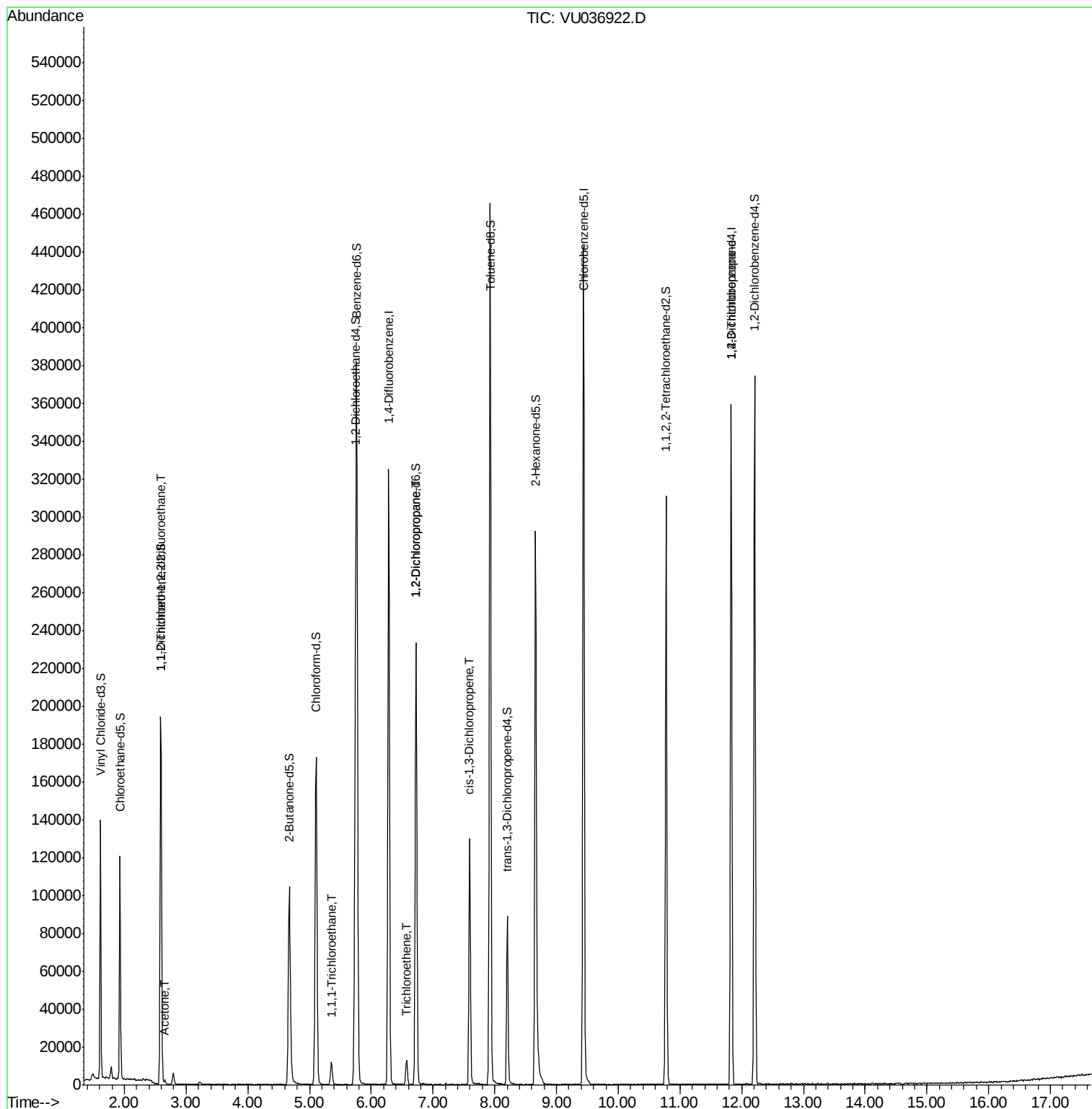
(#) = qualifier out of range (m) = manual integration (+) = signals summed

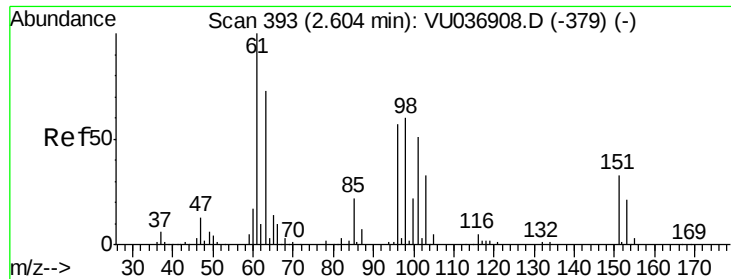
Data File : VU036922.D

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#10

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

Concen: 0.788 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU036922.D

Acq: 26 Feb 2020 17:57

Instrument :

MSVOA_U

ClientSampleId :

COAT0

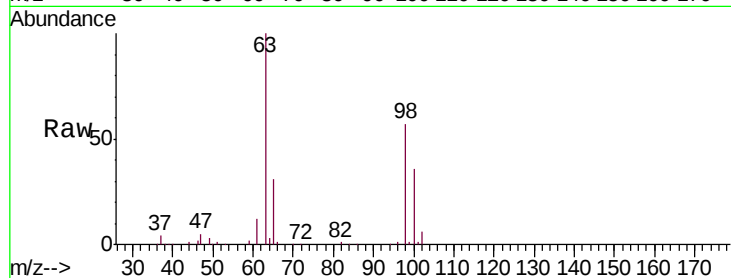
Tgt Ion:101 Resp: 1257

Ion Ratio Lower Upper

101 100

85 0.0 36.4 54.6#

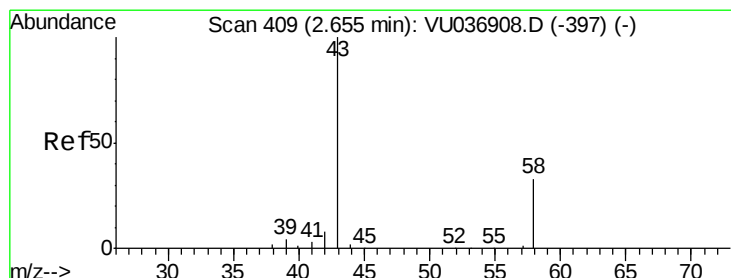
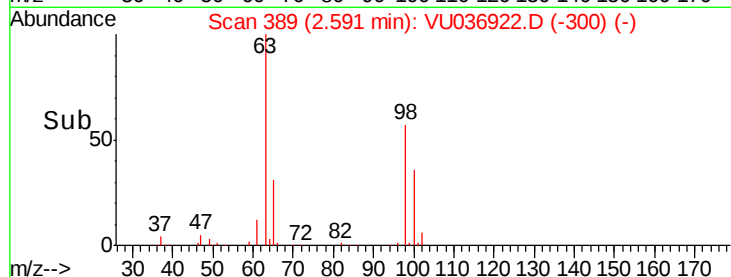
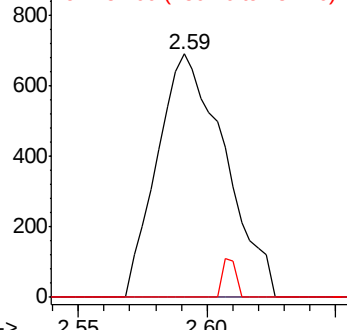
151 3.3 52.4 78.6#



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



#13

Acetone

Concen: 1.618 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU036922.D

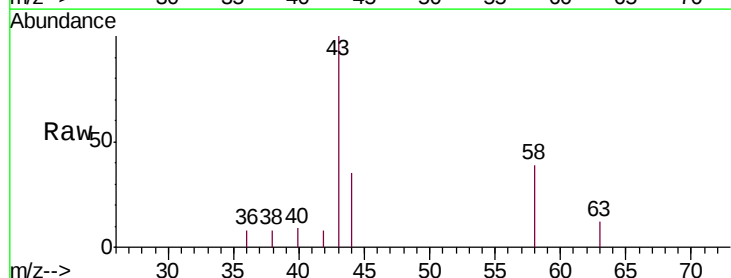
Acq: 26 Feb 2020 17:57

Tgt Ion: 43 Resp: 2341

Ion Ratio Lower Upper

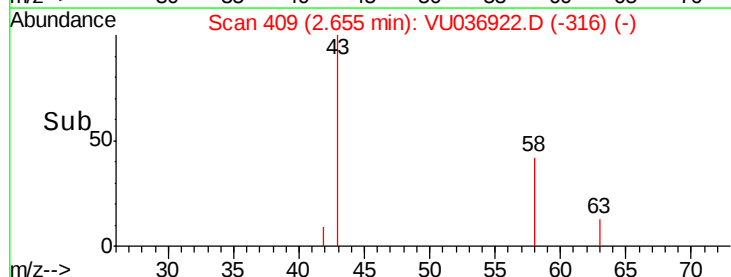
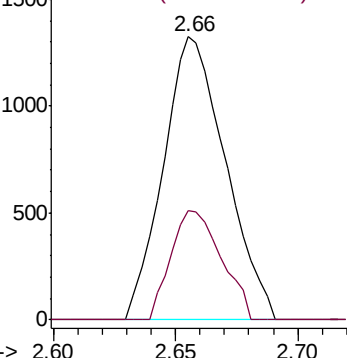
43 100

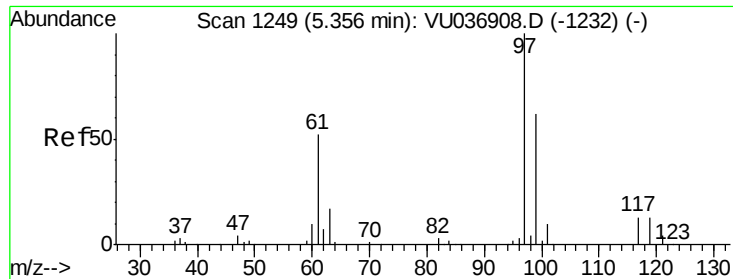
58 31.5 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

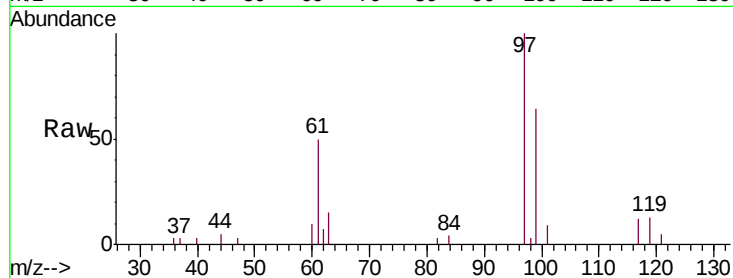




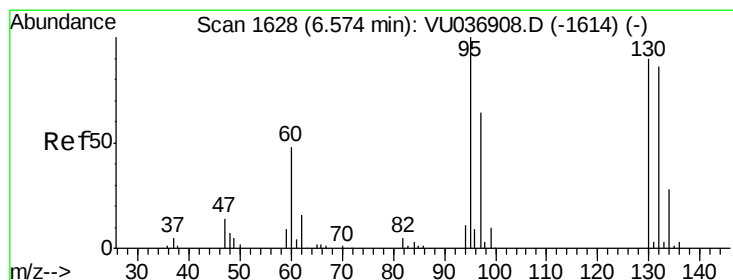
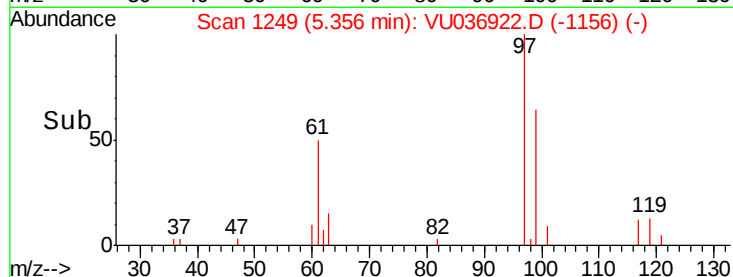
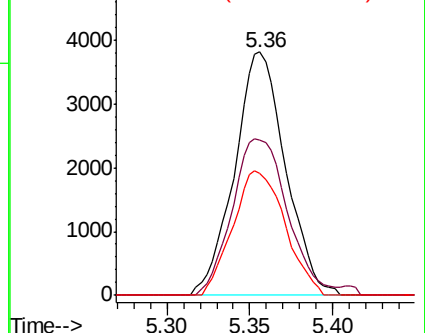
#30
 1,1,1-Trichloroethane
 Concen: 3.216 ug/L
 RT: 5.36 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: VU036922.D
 Acq: 26 Feb 2020 17:57

Instrument :
 MSVOA_U
 ClientSampled :
 COAT0

Tgt Ion: 97 Resp: 8150
 Ion Ratio Lower Upper
 97 100
 99 70.3 50.4 75.6
 61 52.7 40.3 60.5

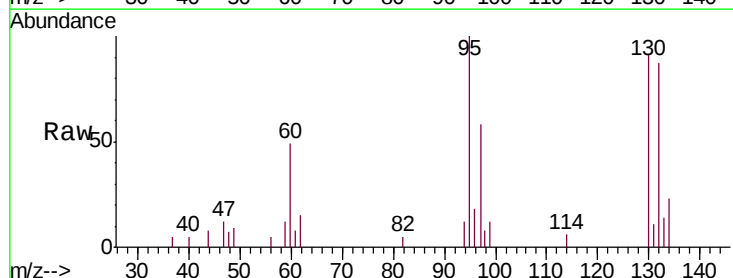


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0

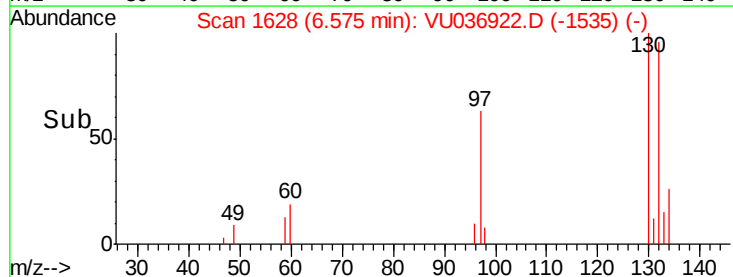
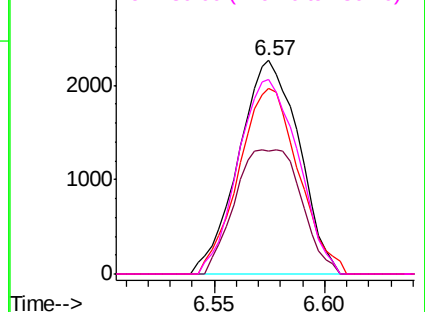


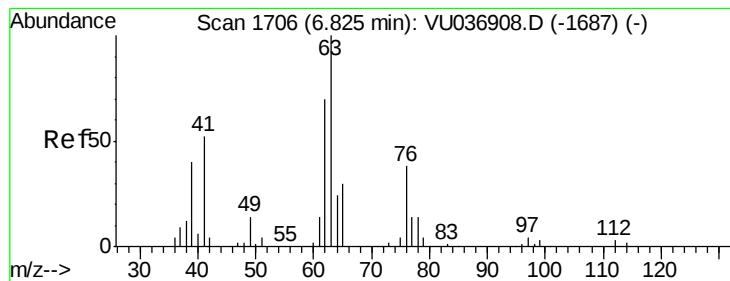
#34
 Trichloroethene
 Concen: 2.345 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VU036922.D
 Acq: 26 Feb 2020 17:57

Tgt Ion: 95 Resp: 4304
 Ion Ratio Lower Upper
 95 100
 97 57.7 44.1 81.9
 132 87.1 60.6 112.6
 130 90.8 64.9 120.5



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: 6.083 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU036922.D

Acq: 26 Feb 2020 17:57

Instrument :

MSVOA_U

ClientSampleId :

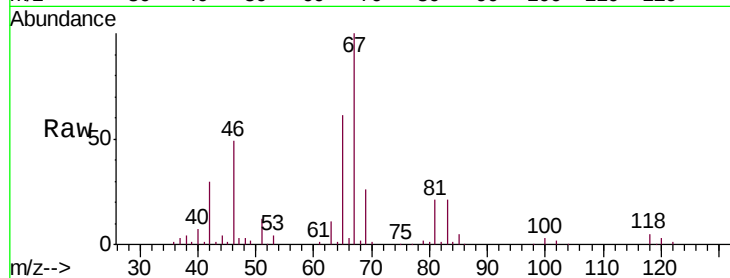
COAT0

Tgt Ion: 63 Resp: 12229

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU036922.D (-1675) (-)

Ion 112.00 (111.70 to 112.70): VU036922.D (-1675) (-)

6.73

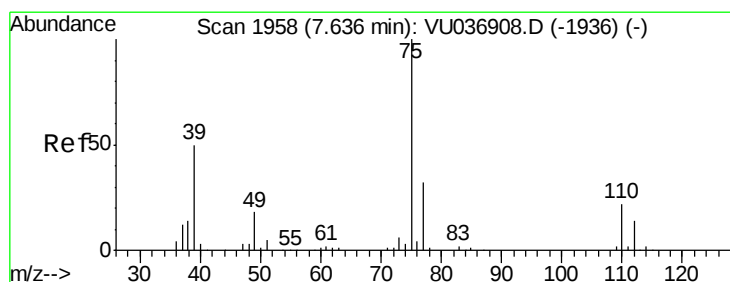
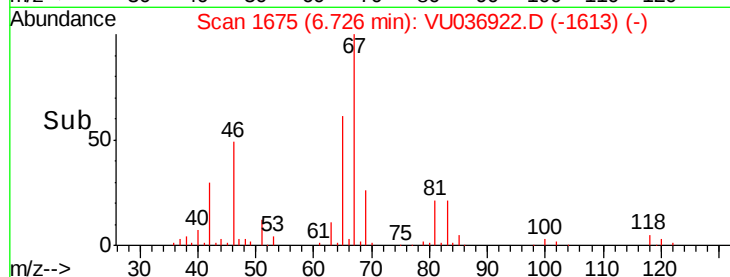
6000

4000

2000

0

Time--> 6.65 6.70 6.75



#39

cis-1,3-Dichloropropene

Concen: 0.957 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU036922.D

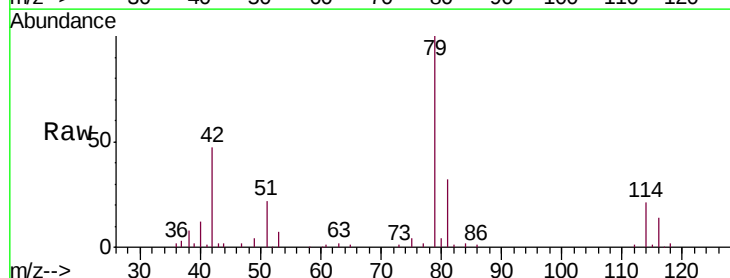
Acq: 26 Feb 2020 17:57

Tgt Ion: 75 Resp: 2964

Ion Ratio Lower Upper

75 100

77 53.6 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VU036922.D (-1865) (-)

Ion 77.00 (76.70 to 77.70): VU036922.D (-1865) (-)

7.59

2000

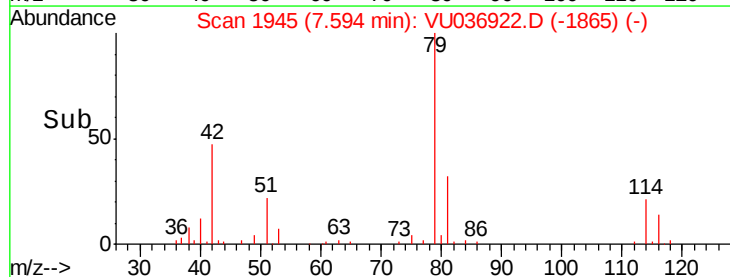
1500

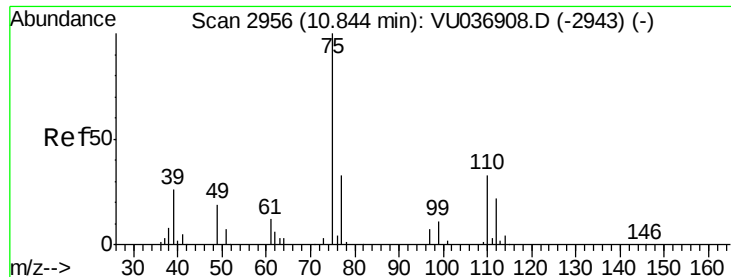
1000

500

0

Time--> 7.55 7.60





#59

1,2,3-Trichloropropane

Concen: 5.155 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036922.D

Acq: 26 Feb 2020 17:57

Instrument :

MSVOA_U

ClientSampleId :

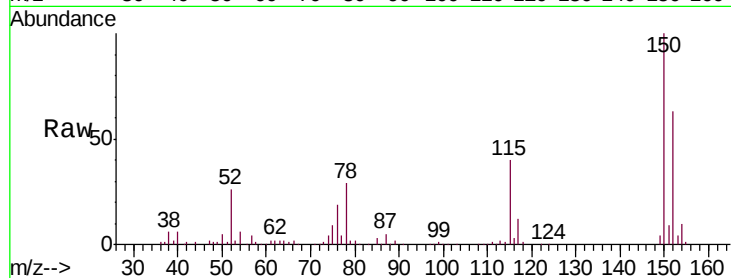
COAT0

Tgt Ion: 75 Resp: 13332

Ion Ratio Lower Upper

75 100

77 39.0 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

