

Data File : VU037037.D
Acq On : 04 Mar 2020 12:06
Operator : JC/MD
Sample : L1746-05DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY3DL

Quant Time: Mar 05 00:59:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 00:57:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	258693	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	248064	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	87145	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	96216	44.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.58%
7) Chloroethane-d5	1.93	69	90589	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.59	63	127335	35.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.00%
21) 2-Butanone-d5	4.67	46	153582	105.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.39%
24) Chloroform-d	5.11	84	166465	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.36%
26) 1,2-Dichloroethane-d4	5.74	65	113924	50.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.48%
32) Benzene-d6	5.76	84	359396	50.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.72	67	118820	51.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.26%
41) Toluene-d8	7.93	98	318790	47.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	8.20	79	47911	44.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.72%
47) 2-Hexanone-d5	8.66	63	101395	89.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.23%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	162792	49.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.36%
64) 1,2-Dichlorobenzene-d4	12.21	152	91638	53.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.58%

Target Compounds

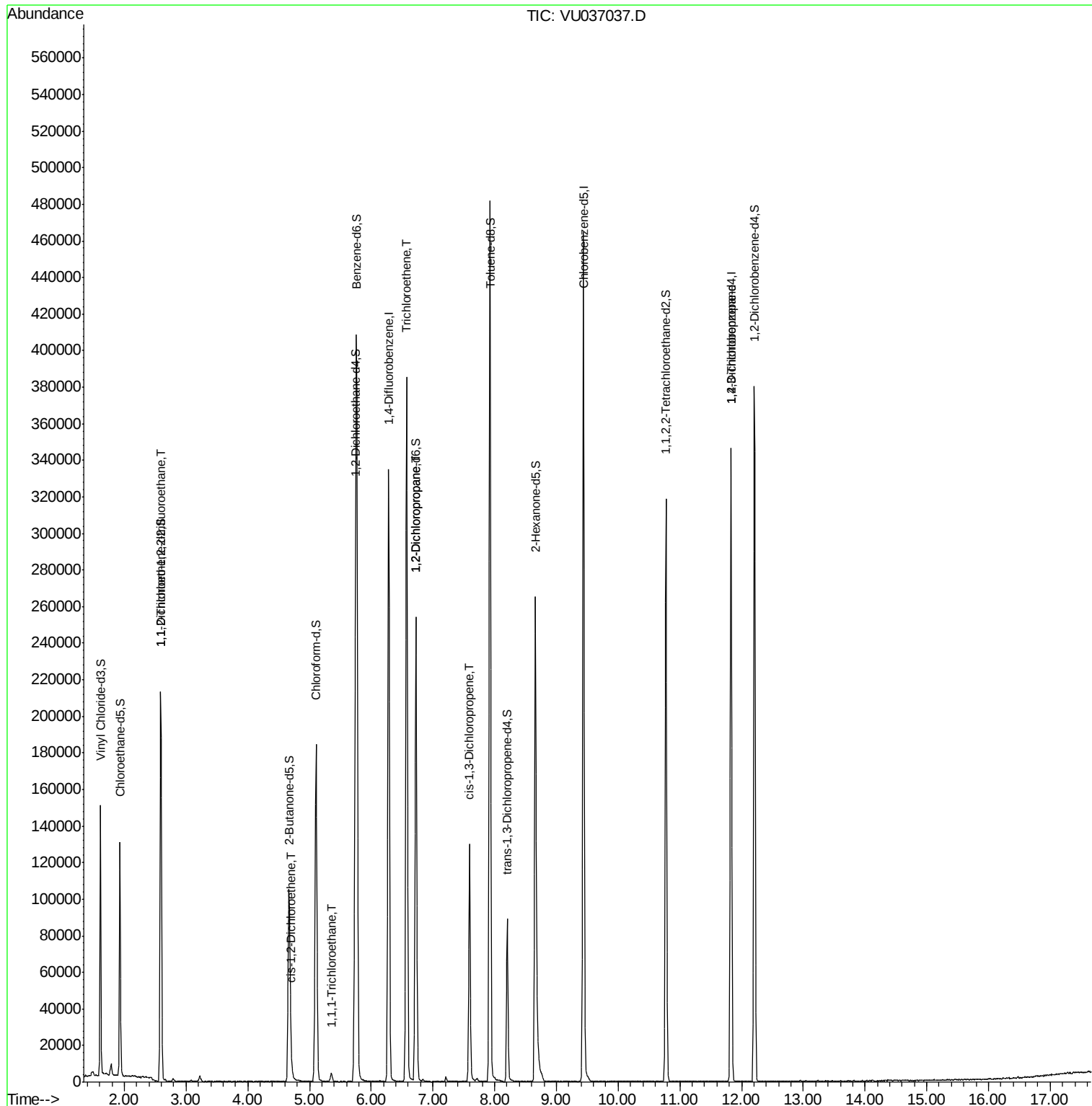
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1460	0.884	ug/L #	26
20) cis-1,2-Dichloroethene	4.71	96	2118	1.055	ug/L	72
30) 1,1,1-Trichloroethane	5.35	97	3427	1.289	ug/L #	90
34) Trichloroethene	6.57	95	132828	68.961	ug/L	99
37) 1,2-Dichloropropane	6.72	63	12706	6.022	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2896	0.891	ug/L #	45
59) 1,2,3-Trichloropropane	11.83	75	13305	4.902	ug/L	96

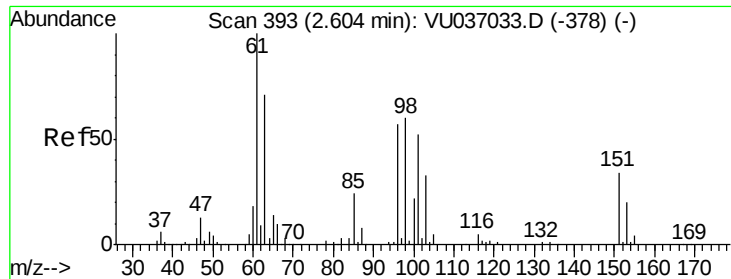
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.884 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU037037.D

Acq: 04 Mar 2020 12:06

Instrument :

MSVOA_U

ClientSampleId :

C0AY3DL

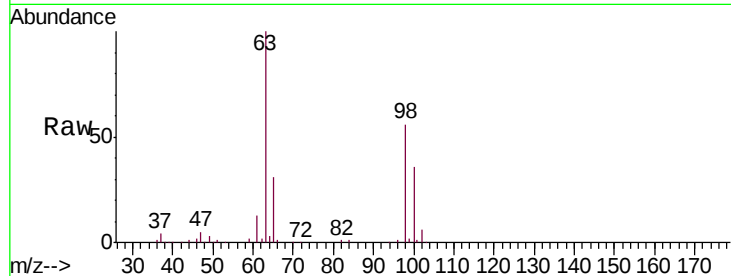
Tgt Ion: 101 Resp: 1460

Ion Ratio Lower Upper

101 100

85 0.0 36.4 54.6#

151 4.2 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

1000

800

600

400

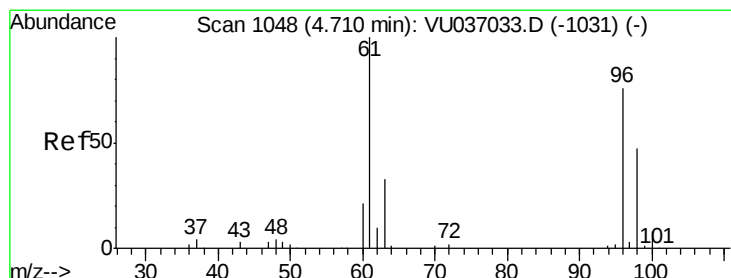
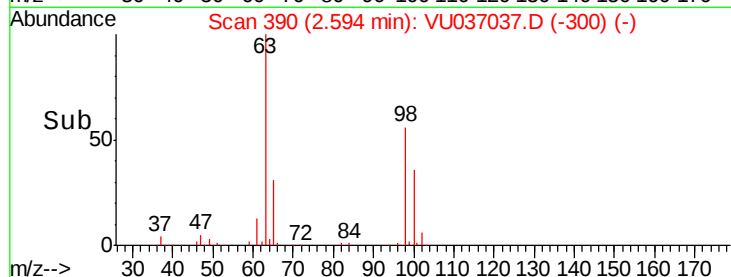
200

0

2.55

2.60

Time-->



#20

cis-1,2-Dichloroethene

Concen: 1.055 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU037037.D

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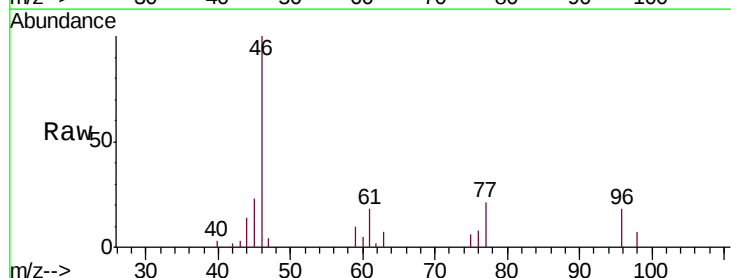
Tgt Ion: 96 Resp: 2118

Ion Ratio Lower Upper

96 100

61 99.7 93.1 172.9

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

1500

1000

500

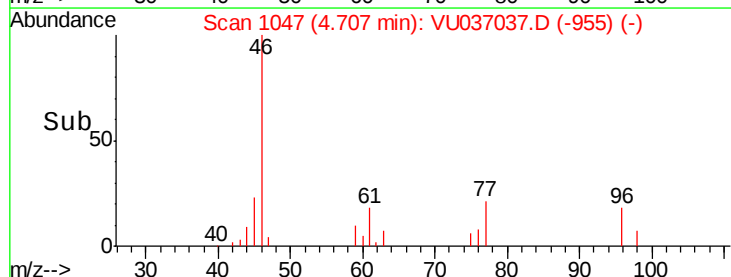
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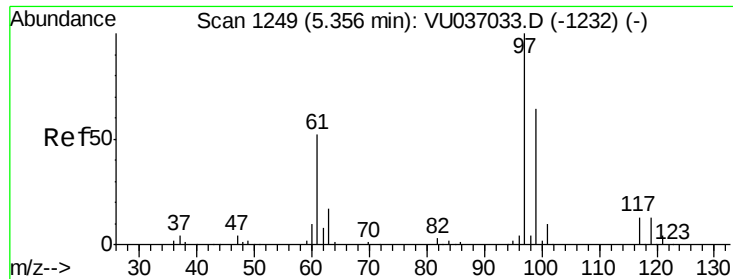
4.65

4.70

4.75

Time-->

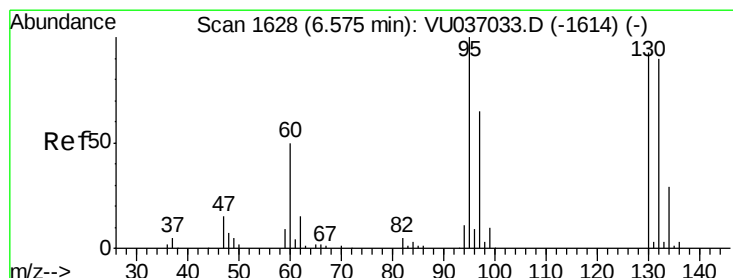
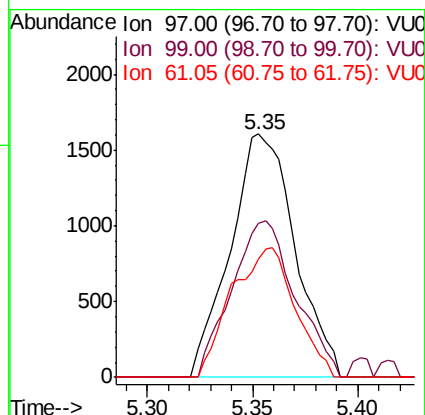
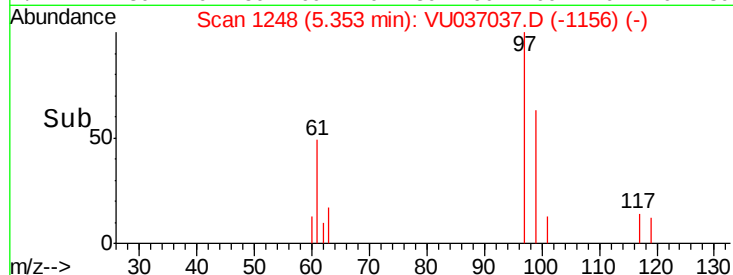
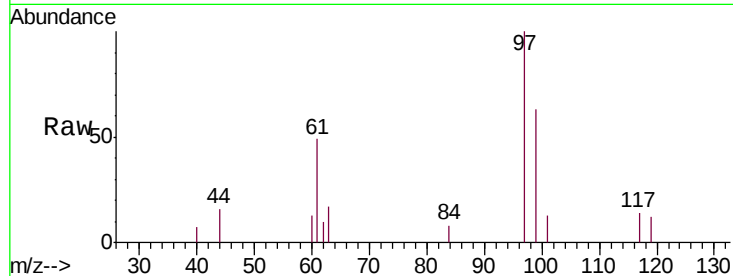




#30
 1,1,1-Trichloroethane
 Concen: 1.289 ug/L
 RT: 5.35 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VU037037.D
 Acq: 04 Mar 2020 12:06

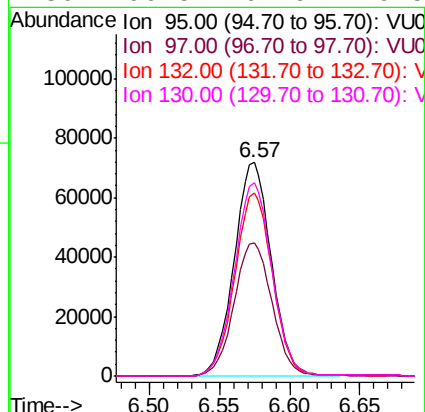
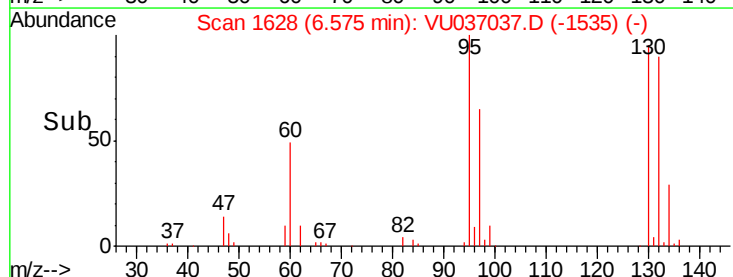
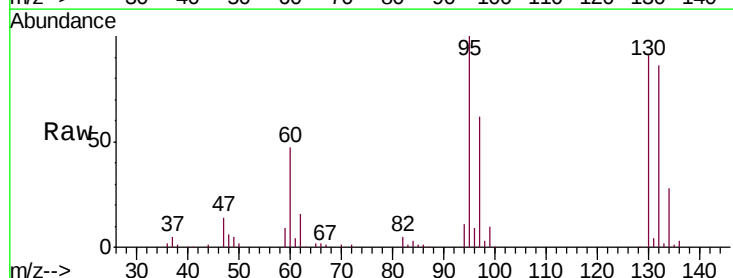
Instrument :
 MSVOA_U
 ClientSampled :
 C0AY3DL

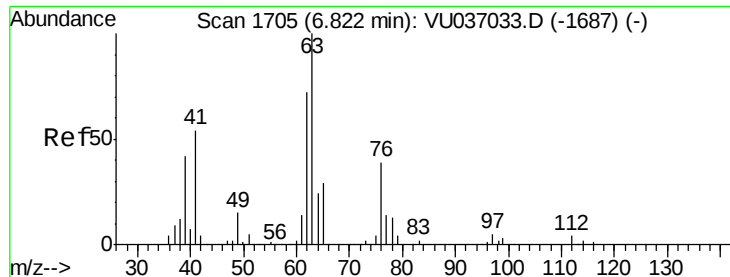
Tgt Ion: 97 Resp: 3427
 Ion Ratio Lower Upper
 97 100
 99 63.1 50.4 75.6
 61 35.3 40.3 60.5#



#34
 Trichloroethene
 Concen: 68.961 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VU037037.D
 Acq: 04 Mar 2020 12:06

Tgt Ion: 95 Resp: 132828
 Ion Ratio Lower Upper
 95 100
 97 62.2 44.1 81.9
 132 85.9 60.6 112.6
 130 90.5 64.9 120.5

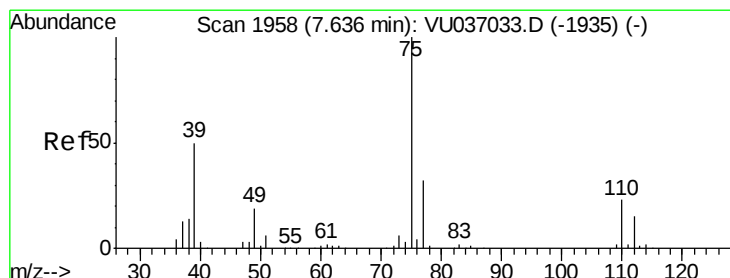
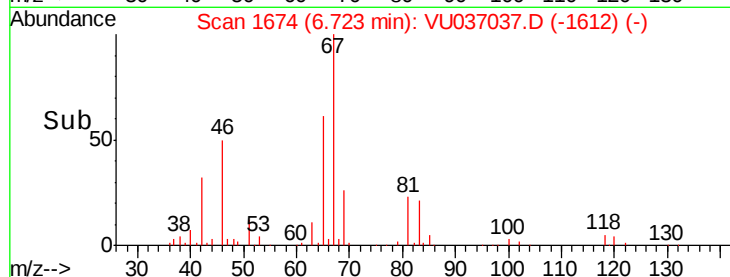
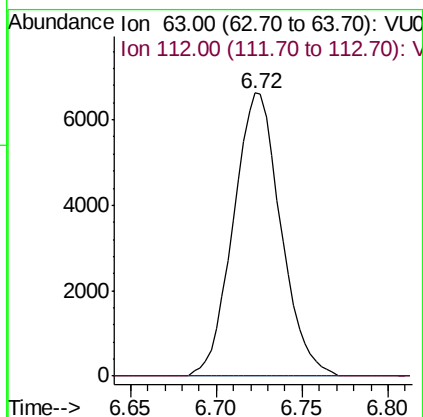
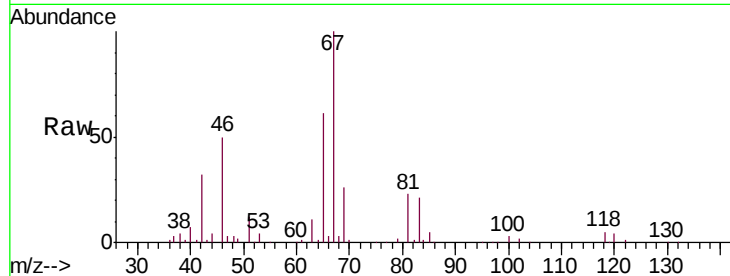




#37
 1,2-Dichloropropane
 Concen: 6.022 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037037.D
 Acq: 04 Mar 2020 12:06

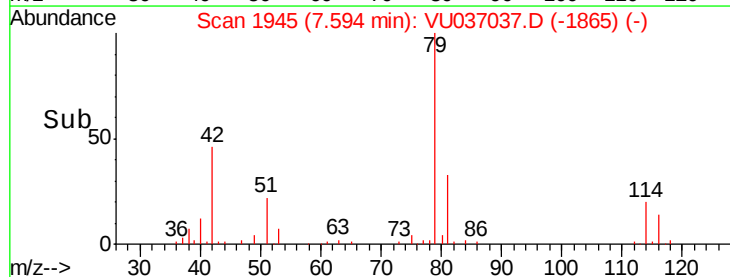
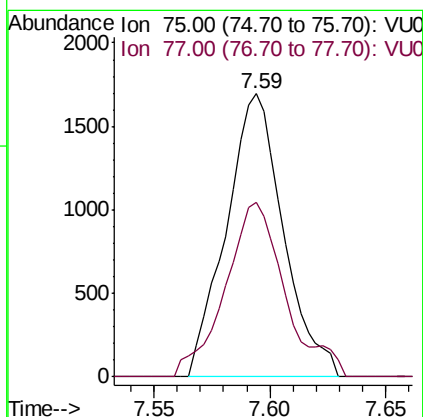
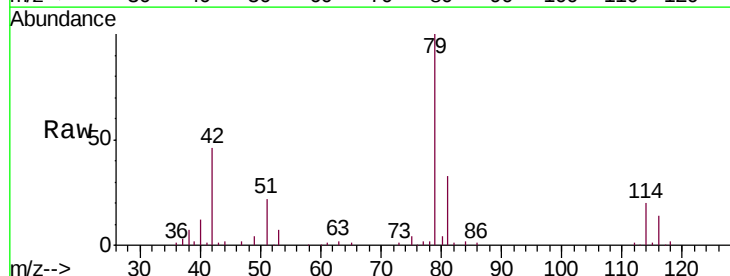
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AY3DL

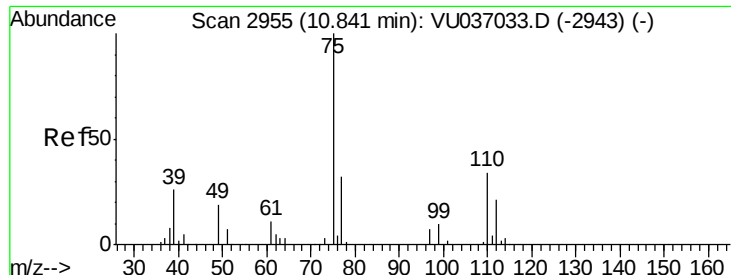
Tgt Ion: 63 Resp: 12706
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.891 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037037.D
 Acq: 04 Mar 2020 12:06

Tgt Ion: 75 Resp: 2896
 Ion Ratio Lower Upper
 75 100
 77 61.9 22.0 41.0#





#59

1,2,3-Trichloropropane

Concen: 4.902 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037037.D

Acq: 04 Mar 2020 12:06

Instrument :

MSVOA_U

ClientSampleId :

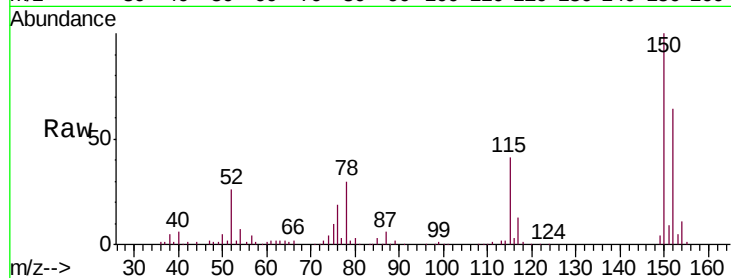
C0AY3DL

Tgt Ion: 75 Resp: 13305

Ion Ratio Lower Upper

75 100

77 34.9 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

