

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032720\
 Data File : VU037387.D
 Acq On : 27 Mar 2020 22:31
 Operator : JC/MD
 Sample : L1975-05 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 28 01:57:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 01:55:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	267525	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	248022	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	132750	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	84439	49.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.42%
7) Chloroethane-d5	1.93	69	65114	46.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.86%
11) 1,1-Dichloroethene-d2	2.59	63	130263	34.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.86%
21) 2-Butanone-d5	4.67	46	152281	98.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.73%
24) Chloroform-d	5.10	84	169340	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.26%
26) 1,2-Dichloroethane-d4	5.74	65	115280	49.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.56%
32) Benzene-d6	5.76	84	342814	50.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.50%
36) 1,2-Dichloropropane-d6	6.72	67	112073	50.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.54%
41) Toluene-d8	7.92	98	324149	50.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.00%
43) trans-1,3-Dichloropropene-	8.20	79	62106	48.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.54%
47) 2-Hexanone-d5	8.65	63	116634	92.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.01%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	164021	49.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.28%
64) 1,2-Dichlorobenzene-d4	12.20	152	135389	50.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

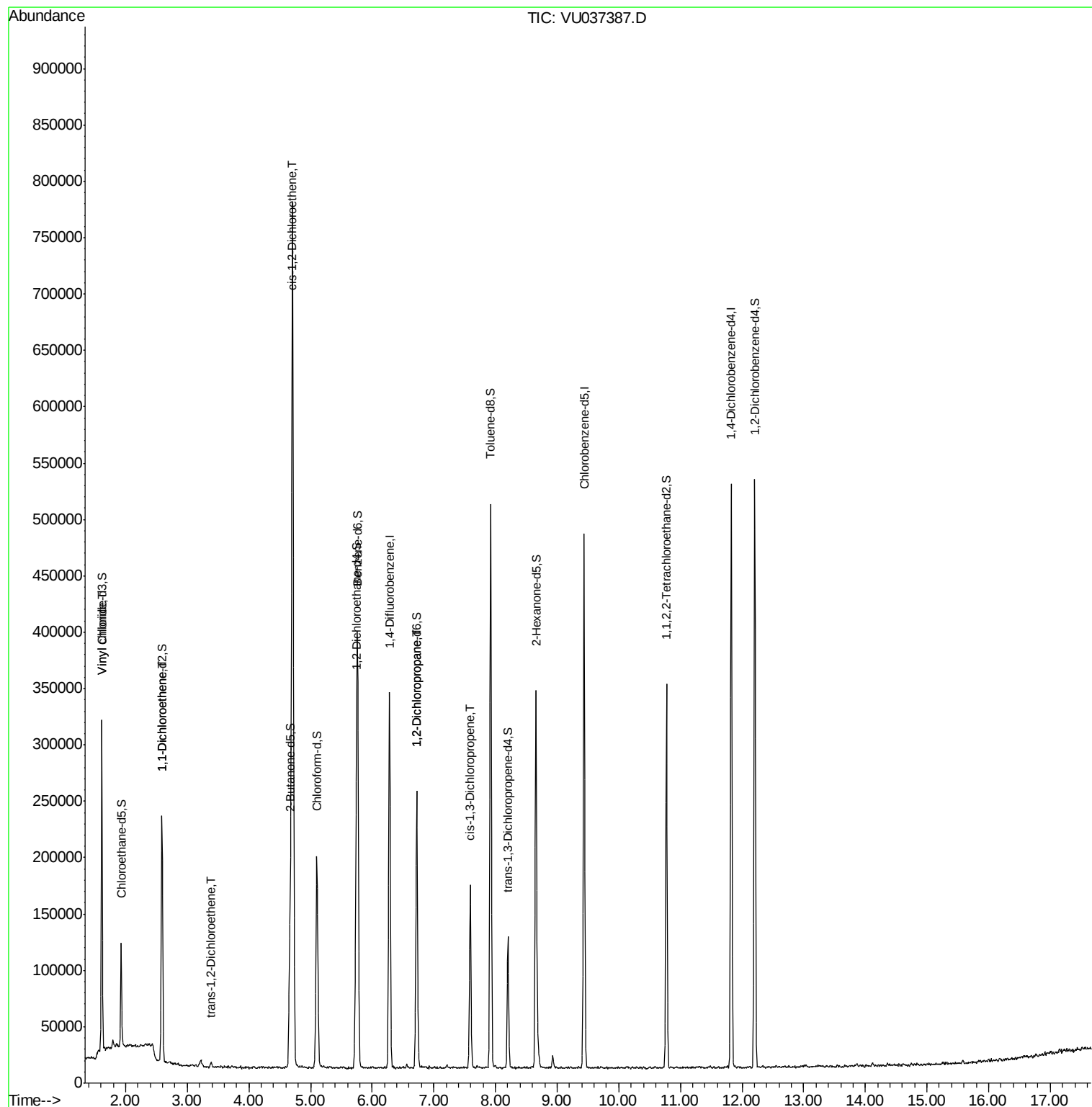
					Ovalue
5) Vinyl chloride	1.62	62	124981	52.768	ug/L 98
12) 1,1-Dichloroethene	2.59	96	1903	0.925	ug/L # 1
17) trans-1,2-Dichloroethene	3.38	96	2091	0.967	ug/L 87
20) cis-1,2-Dichloroethene	4.71	96	387865	161.056	ug/L # 99
37) 1,2-Dichloropropane	6.72	63	12908	5.556	ug/L # 89
39) cis-1,3-Dichloropropene	7.59	75	4417	1.129	ug/L # 65

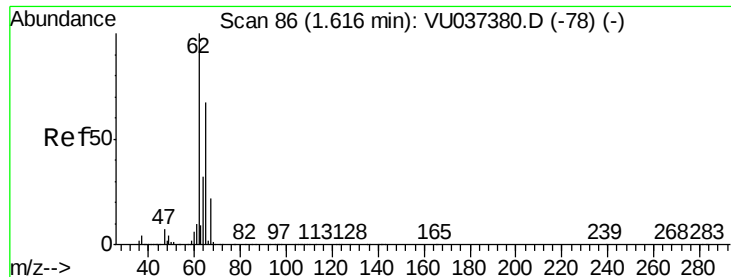
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 28 01:55:20 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 52.768 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU037387.D

Acq: 27 Mar 2020 22:31

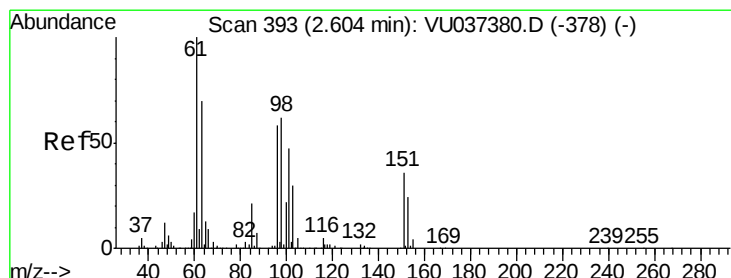
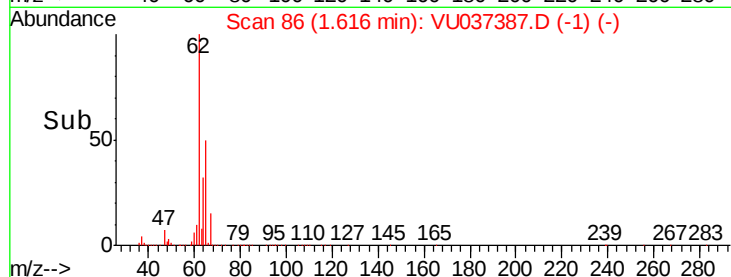
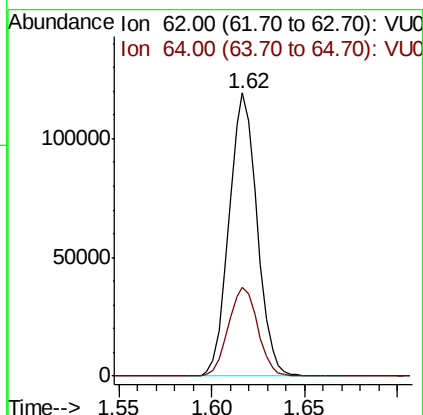
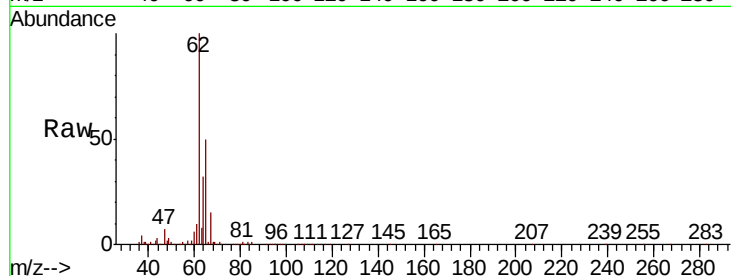
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 62 Resp: 124981

Ion Ratio Lower Upper

62 100

64 31.6 23.0 42.8



#12

1,1-Dichloroethene

Concen: 0.925 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU037387.D

Acq: 27 Mar 2020 22:31

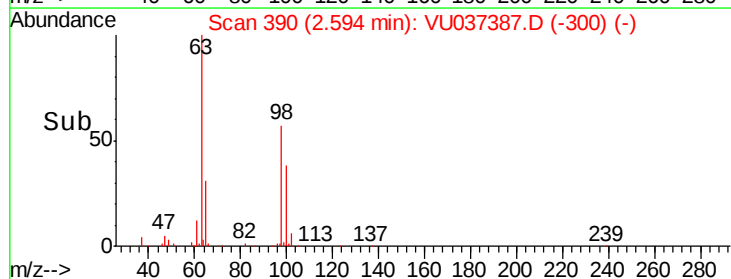
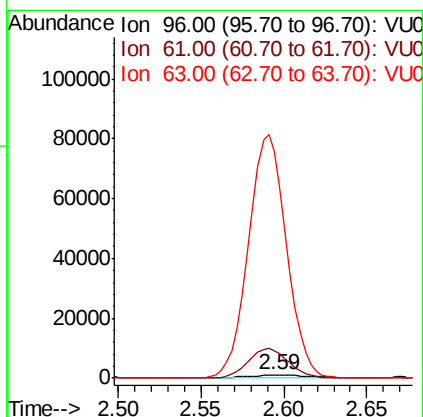
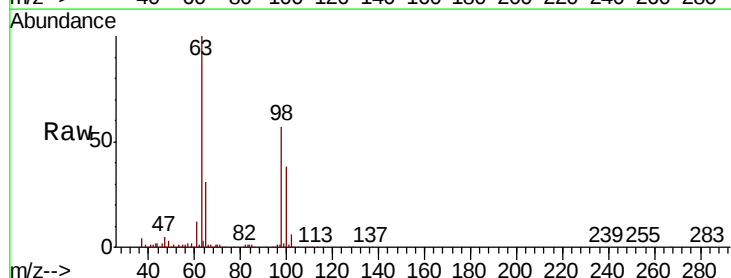
Tgt Ion: 96 Resp: 1903

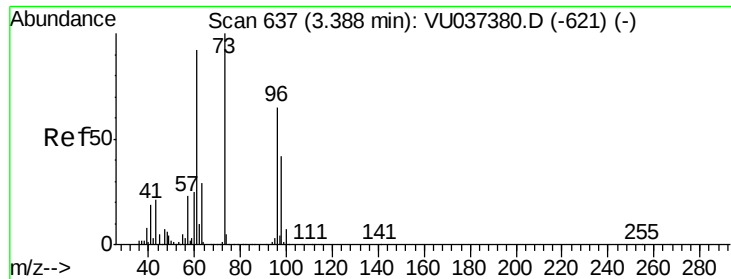
Ion Ratio Lower Upper

96 100

61 916.9 120.0 222.8#

63 7583.6 83.3 154.7#





#17

trans-1,2-Dichloroethene

Concen: 0.967 ug/L

RT: 3.38 min Scan# 636

Delta R.T. -0.00 min

Lab File: VU037387.D

Acq: 27 Mar 2020 22:31

Instrument :

MSVOA_U

ClientSampleId :

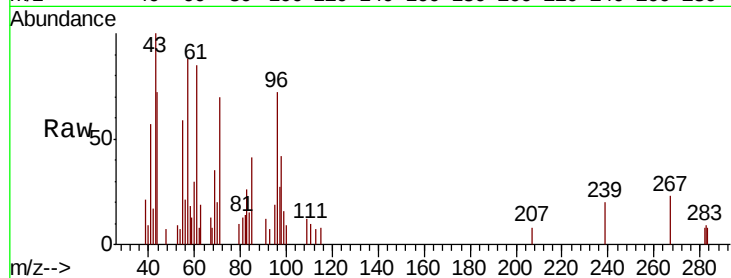
Tot Ion: 96 Resp: 2091

Ion Ratio Lower Upper

96 100

61 117.5 96.6 179.4

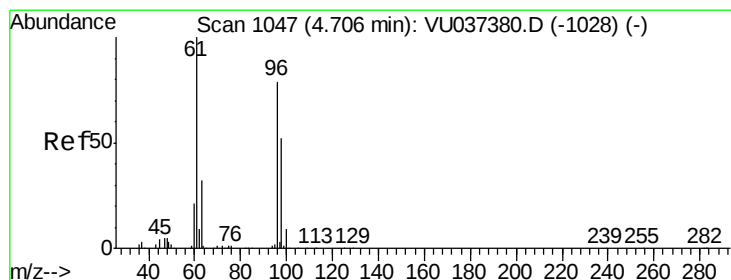
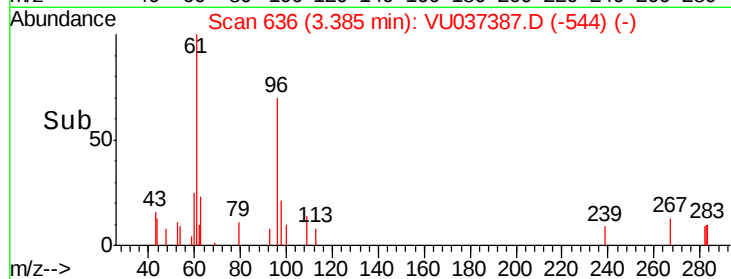
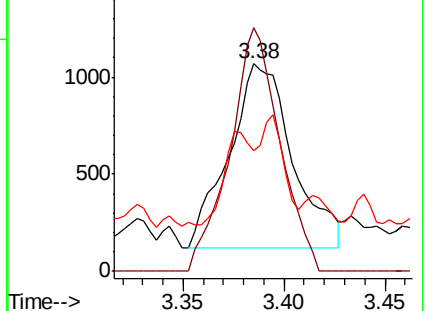
98 58.0 43.4 80.6



Abundance Ion 96.00 (95.70 to 96.70): VU037387.D (-544) (-)

Ion 61.00 (60.70 to 61.70): VU037387.D (-544) (-)

Ion 98.00 (97.70 to 98.70): VU037387.D (-544) (-)



#20

cis-1,2-Dichloroethene

Concen: 161.056 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU037387.D

Acq: 27 Mar 2020 22:31

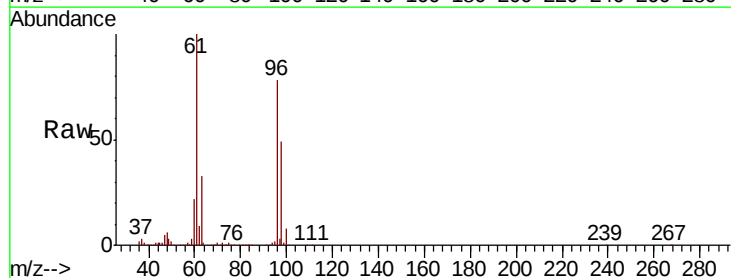
Tgt Ion: 96 Resp: 387865

Ion Ratio Lower Upper

96 100

61 128.7 89.4 166.0

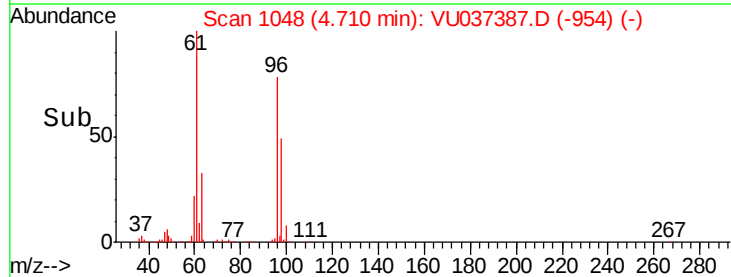
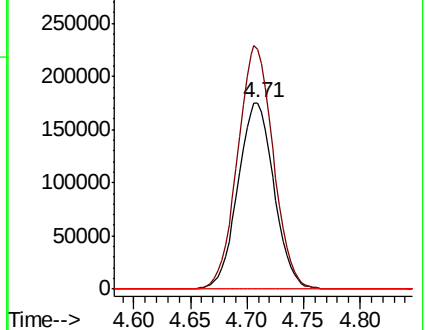
68 0.1 0.3 0.7#

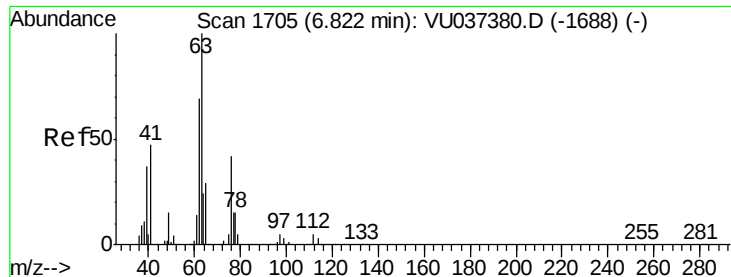


Abundance Ion 96.00 (95.70 to 96.70): VU037387.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VU037387.D (-954) (-)

Ion 68.00 (67.70 to 68.70): VU037387.D (-954) (-)





#37

1,2-Dichloropropane

Concen: 5.556 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037387.D

Acq: 27 Mar 2020 22:31

Instrument :

MSVOA_U

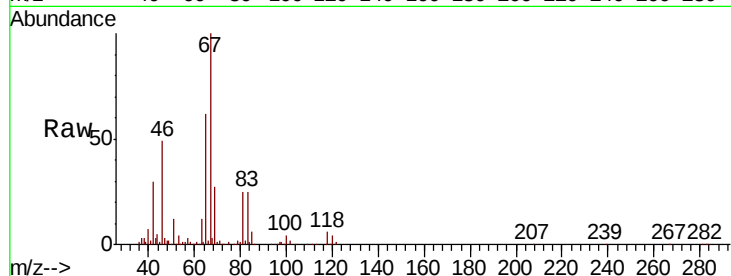
ClientSampleId :

Tot Ion: 63 Resp: 12908

Ion Ratio Lower Upper

63 100

112 0.7 3.4 5.0#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

8000

6000

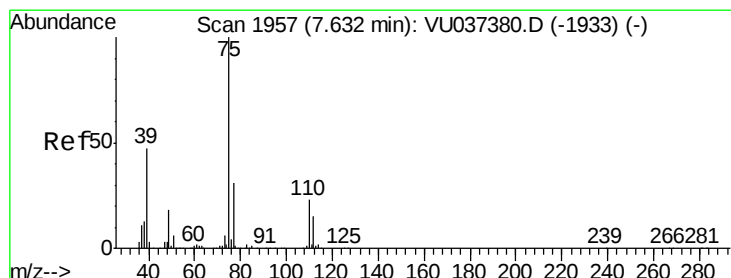
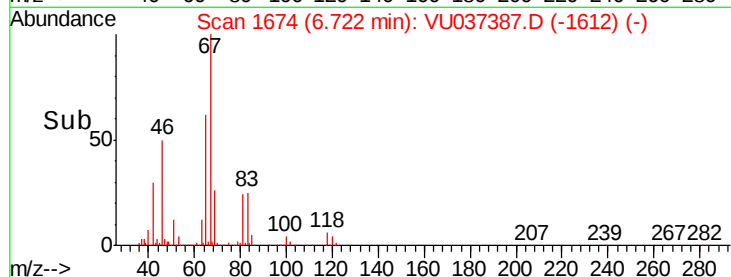
4000

2000

0

6.65 6.70 6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 1.129 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU037387.D

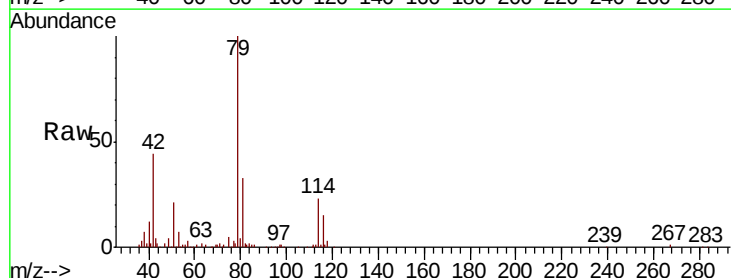
Acq: 27 Mar 2020 22:31

Tgt Ion: 75 Resp: 4417

Ion Ratio Lower Upper

75 100

77 51.7 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

3000

2500

2000

1500

1000

500

0

7.55 7.60 7.65

Time-->

