

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032720\
 Data File : VU037392.D
 Acq On : 28 Mar 2020 00:25
 Operator : JC/MD
 Sample : L1975-15 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 28 01:58:30 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	255590	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	239136	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	126132	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	82447	50.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.58%
7) Chloroethane-d5	1.93	69	65631	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.98%
11) 1,1-Dichloroethene-d2	2.59	63	127615	35.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.62%
21) 2-Butanone-d5	4.67	46	143112	97.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.12%
24) Chloroform-d	5.11	84	162915	47.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.94%
26) 1,2-Dichloroethane-d4	5.74	65	113151	51.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.28%
32) Benzene-d6	5.76	84	332912	51.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.24%
36) 1,2-Dichloropropane-d6	6.72	67	108625	51.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.06%
41) Toluene-d8	7.92	98	322913	52.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.36%
43) trans-1,3-Dichloropropene-	8.20	79	60539	49.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.62%
47) 2-Hexanone-d5	8.65	63	117222	95.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.91%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	158684	49.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.62%
64) 1,2-Dichlorobenzene-d4	12.21	152	129106	50.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.96%

Target Compounds

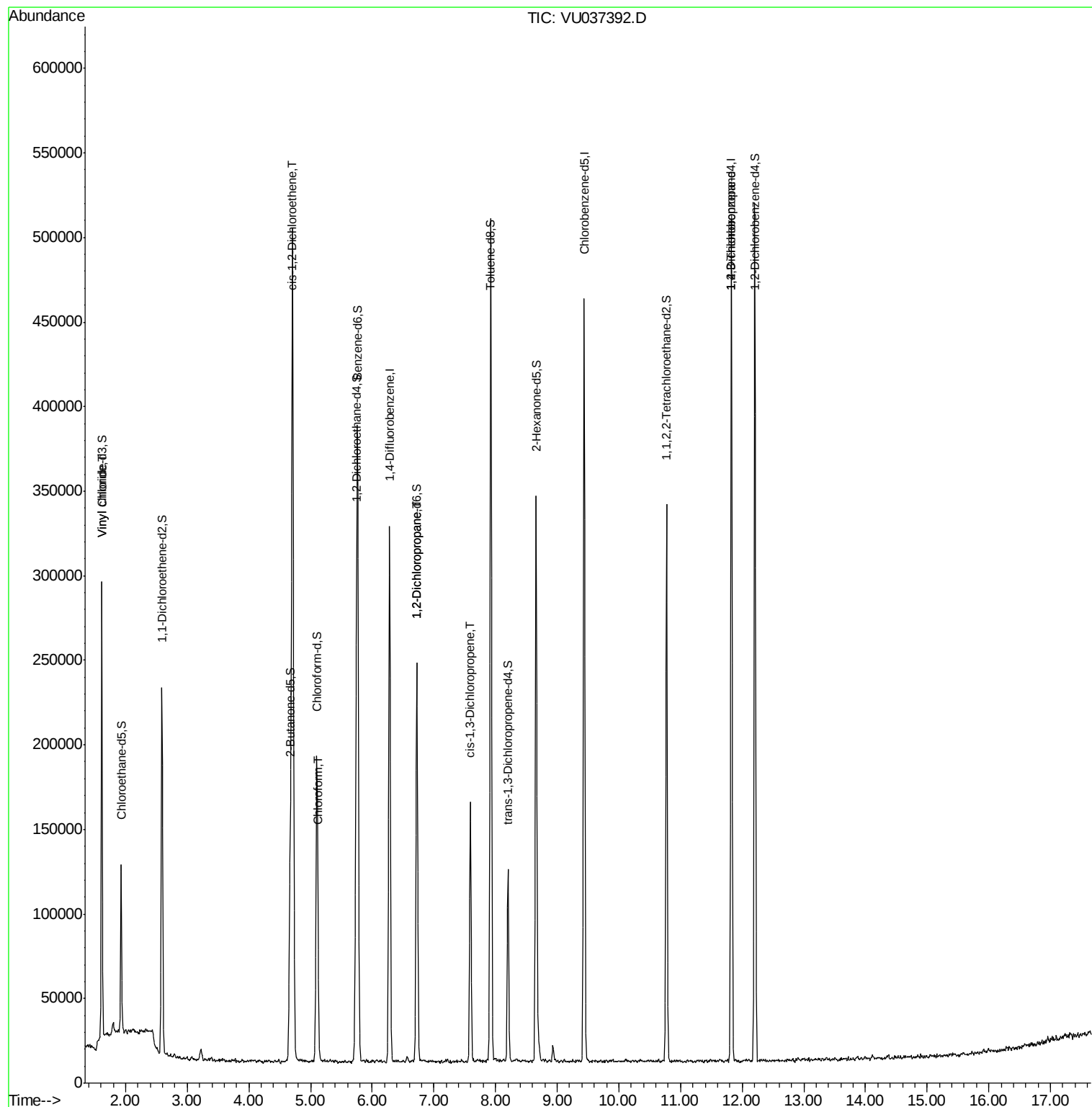
					Ovalue
5) Vinyl chloride	1.62	62	105847	46.776	ug/L 100
20) cis-1,2-Dichloroethene	4.71	96	245008	106.487	ug/L # 98
25) Chloroform	5.13	83	4652	1.186	ug/L 86
37) 1,2-Dichloropropane	6.72	63	13062	5.832	ug/L # 88
39) cis-1,3-Dichloropropene	7.59	75	3988	1.058	ug/L # 56
59) 1,2,3-Trichloropropane	11.83	75	15248	4.949	ug/L # 83

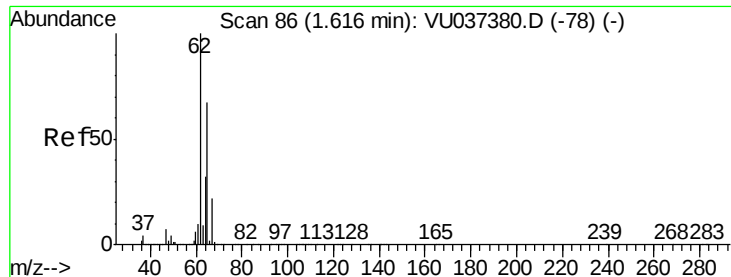
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 46.776 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU037392.D

Acq: 28 Mar 2020 00:25

Instrument :

MSVOA_U

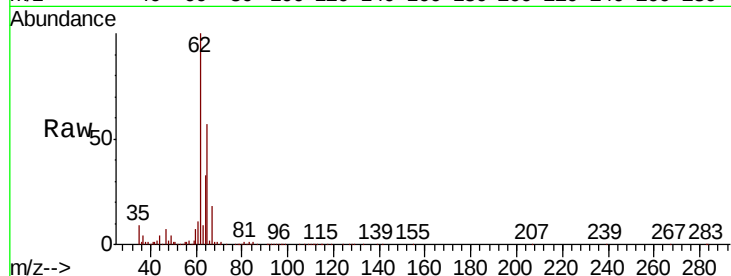
ClientSampled :

Tot Ion: 62 Resp: 105847

Ion Ratio Lower Upper

62 100

64 32.9 23.0 42.8



Abundance Ion 62.00 (61.70 to 62.70): VU037380.D (-78) (-)

Ion 64.00 (63.70 to 64.70): VU037380.D (-78) (-)

1.62

100000

80000

60000

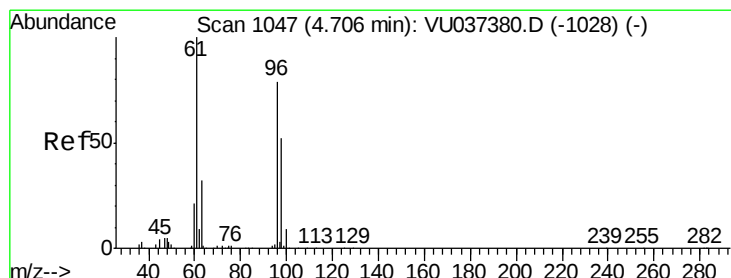
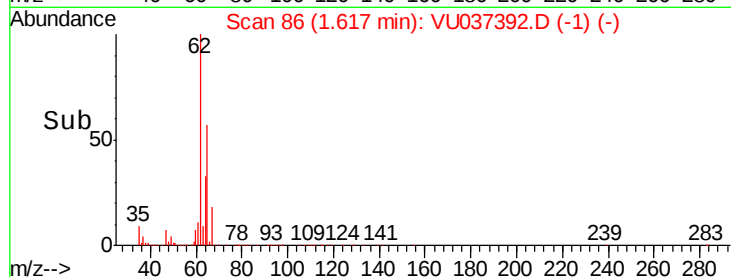
40000

20000

0

1.60 1.65

Time-->



#20

cis-1,2-Dichloroethene

Concen: 106.487 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU037392.D

Acq: 28 Mar 2020 00:25

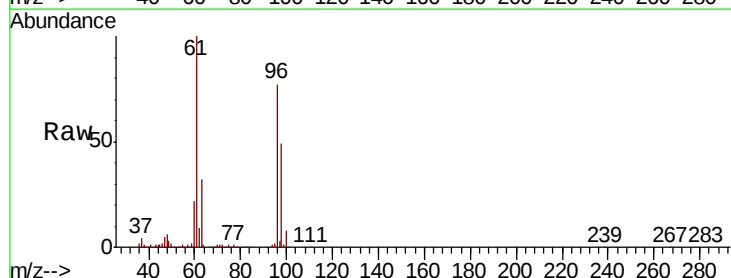
Tgt Ion: 96 Resp: 245008

Ion Ratio Lower Upper

96 100

61 130.4 89.4 166.0

68 0.2 0.3 0.7#



Abundance Ion 96.00 (95.70 to 96.70): VU037380.D (-1028) (-)

Ion 61.00 (60.70 to 61.70): VU037380.D (-1028) (-)

Ion 68.00 (67.70 to 68.70): VU037380.D (-1028) (-)

200000

150000

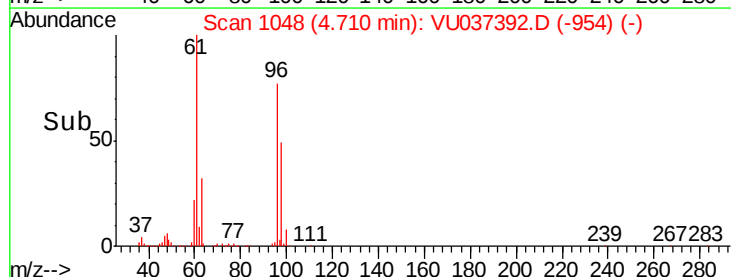
100000

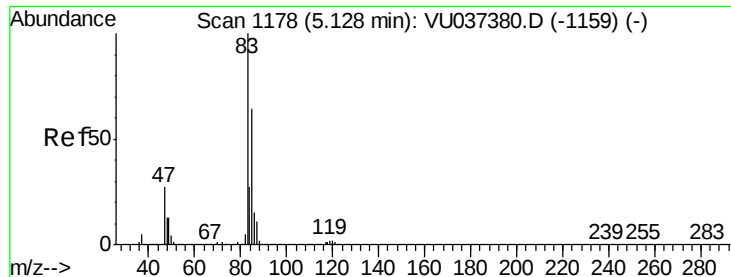
50000

0

4.60 4.65 4.70 4.75 4.80

Time-->

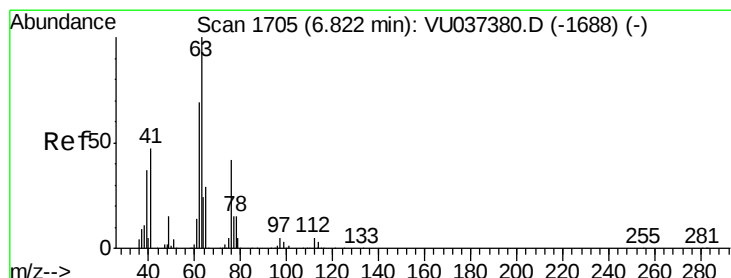
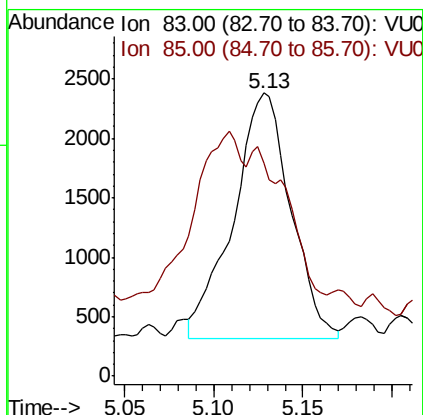
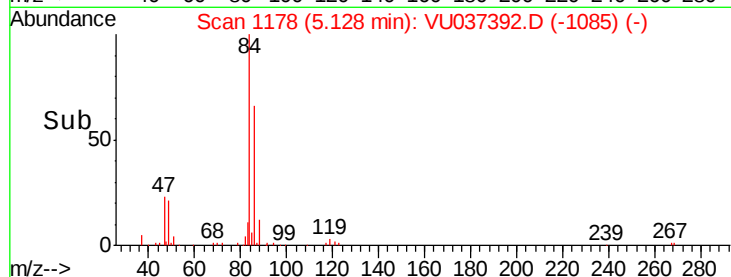
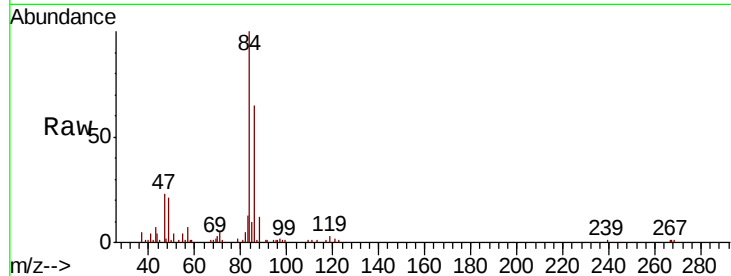




#25
Chloroform
Concen: 1.186 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037392.D
Acq: 28 Mar 2020 00:25

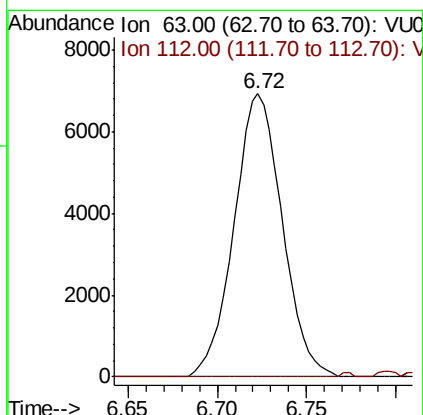
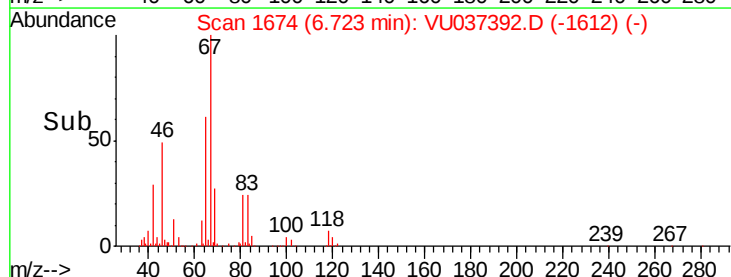
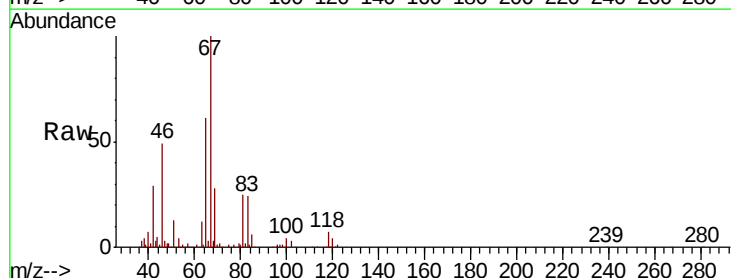
Instrument :
MSVOA_U
ClientSampled :

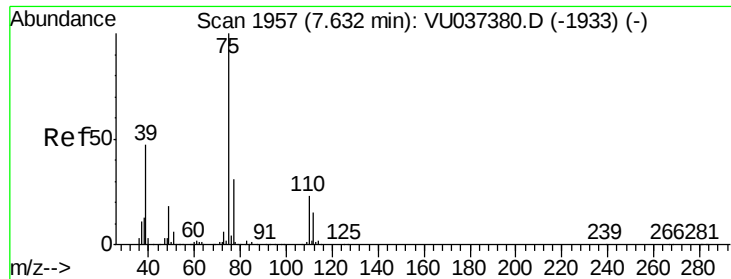
Tot Ion: 83 Resp: 4652
Ion Ratio Lower Upper
83 100
85 75.4 45.1 83.7



#37
1,2-Dichloropropane
Concen: 5.832 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037392.D
Acq: 28 Mar 2020 00:25

Tgt Ion: 63 Resp: 13062
Ion Ratio Lower Upper
63 100
112 0.3 3.4 5.0#





#39

cis-1,3-Dichloropropene

Concen: 1.058 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU037392.D

Acq: 28 Mar 2020 00:25

Instrument :

MSVOA_U

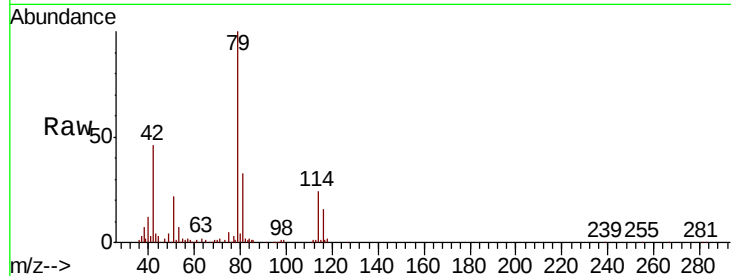
ClientSampled :

Tot Ion: 75 Resp: 3988

Ion Ratio Lower Upper

75 100

77 56.6 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

7.59

2500

2000

1500

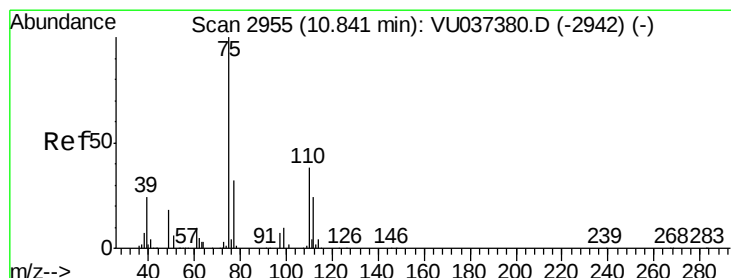
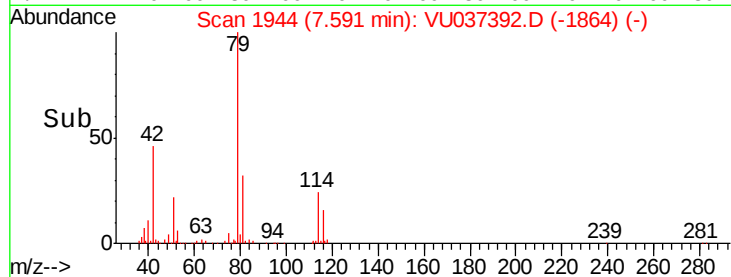
1000

500

0

7.55 7.60

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.949 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037392.D

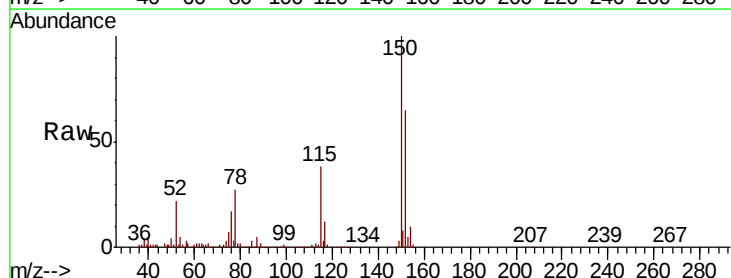
Acq: 28 Mar 2020 00:25

Tgt Ion: 75 Resp: 15248

Ion Ratio Lower Upper

75 100

77 41.4 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.83

10000

8000

6000

4000

2000

0

11.80 11.85

Time-->

