

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061020\
 Data File : VU038774.D
 Acq On : 10 Jun 2020 12:57
 Operator : SY/MD
 Sample : L2897-05DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETW42DL

Quant Time: Jun 11 00:53:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 00:28:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	390618	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	388388	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	180397	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	93290	42.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.50%
7) Chloroethane-d5	1.93	69	77275	45.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.28%
11) 1,1-Dichloroethene-d2	2.59	63	157395	33.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.18%
21) 2-Butanone-d5	4.67	46	216475	101.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.96%
24) Chloroform-d	5.10	84	217448	46.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.42%
26) 1,2-Dichloroethane-d4	5.74	65	151078	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.88%
32) Benzene-d6	5.76	84	437120	46.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.44%
36) 1,2-Dichloropropane-d6	6.72	67	135517	47.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.00%
41) Toluene-d8	7.92	98	372786	44.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.18%
43) trans-1,3-Dichloropropene-	8.20	79	64109	44.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.32%
47) 2-Hexanone-d5	8.66	63	151003	98.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.39%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	196722	45.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.48%
64) 1,2-Dichlorobenzene-d4	12.20	152	154028	49.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.36%

Target Compounds

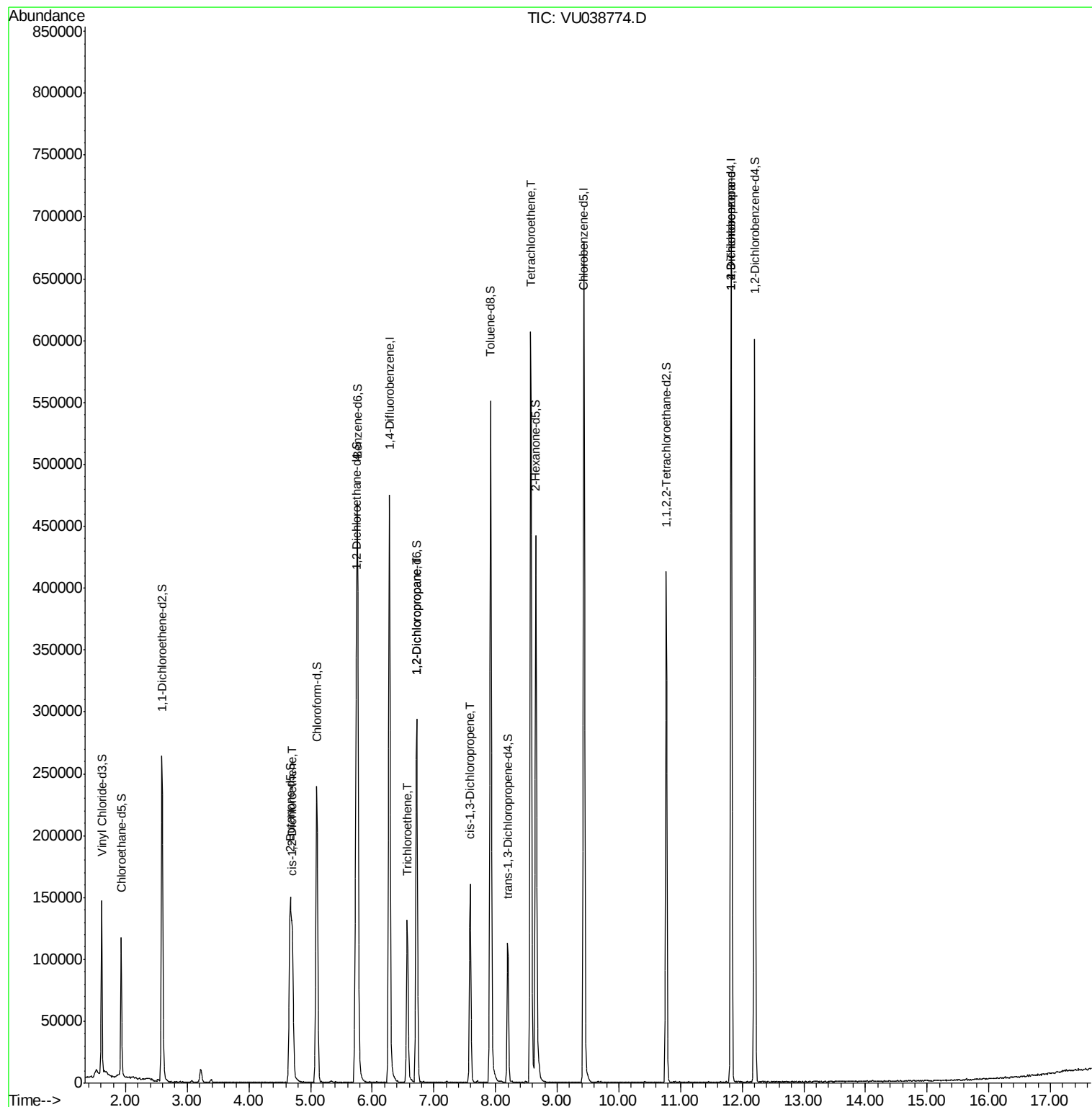
					Ovalue
20) cis-1,2-Dichloroethene	4.71	96	51185	17.114 ug/L	97
34) Trichloroethene	6.57	95	43220	14.734 ug/L	98
37) 1,2-Dichloropropane	6.72	63	14930	4.968 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3825	0.825 ug/L #	64
46) Tetrachloroethene	8.57	164	136420	64.464 ug/L	96
59) 1,2,3-Trichloropropane	11.82	75	21738	5.158 ug/L #	86

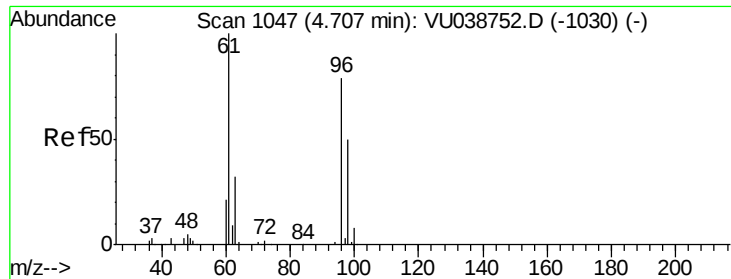
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 11 00:28:57 2020
Response via : Initial Calibration





#20

cis-1,2-Dichloroethene

Concen: 17.114 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU038774.D

Acq: 10 Jun 2020 12:57

Instrument :

MSVOA_U

ClientSampleId :

ETW42DL

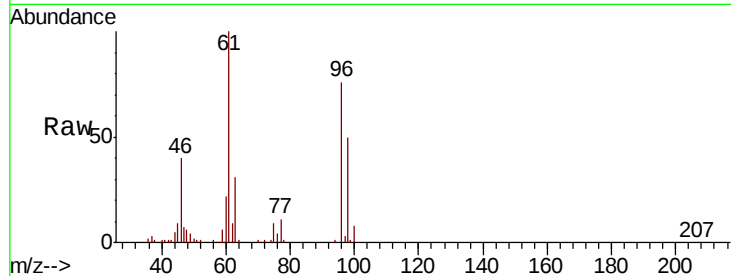
Tot Ion: 96 Resp: 51185

Ion Ratio Lower Upper

96 100

61 131.0 89.5 166.1

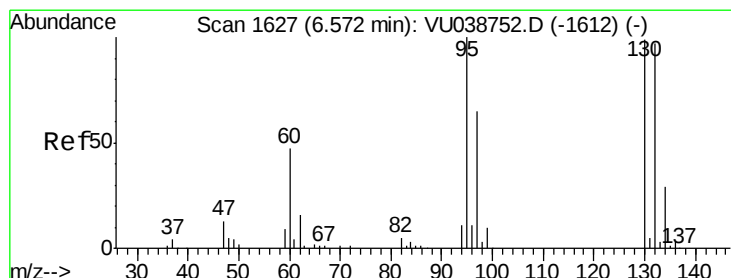
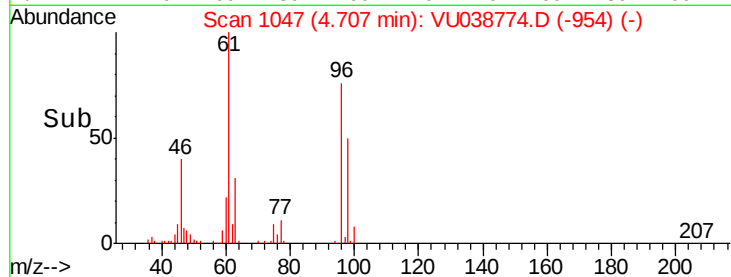
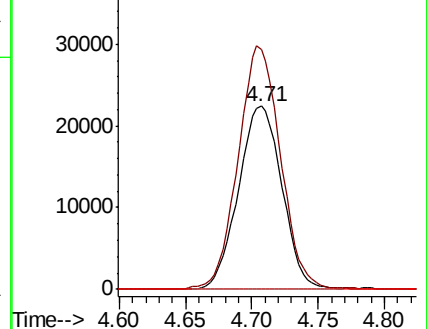
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038774.D (-1534) (-)

Ion 61.00 (60.70 to 61.70): VU038774.D (-1534) (-)

Ion 68.00 (67.70 to 68.70): VU038774.D (-1534) (-)



#34

Trichloroethene

Concen: 14.734 ug/L

RT: 6.57 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VU038774.D

Acq: 10 Jun 2020 12:57

Tgt Ion: 95 Resp: 43220

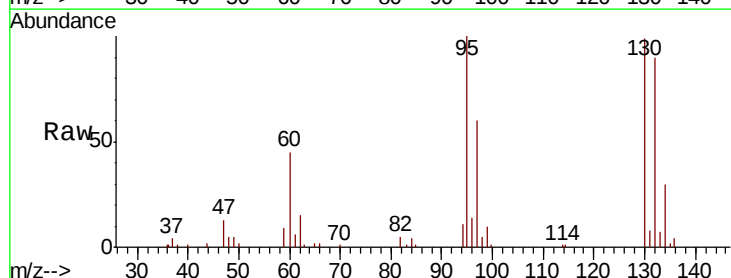
Ion Ratio Lower Upper

95 100

97 60.4 44.4 82.4

132 89.7 64.9 120.5

130 98.7 68.6 127.4

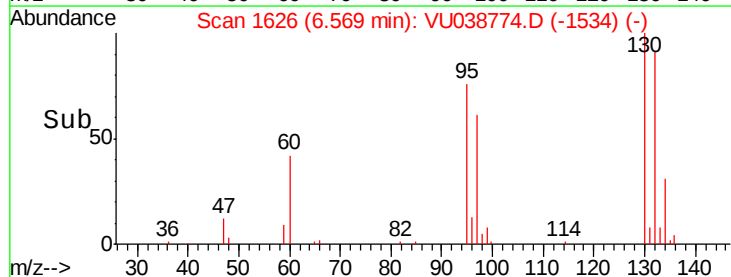
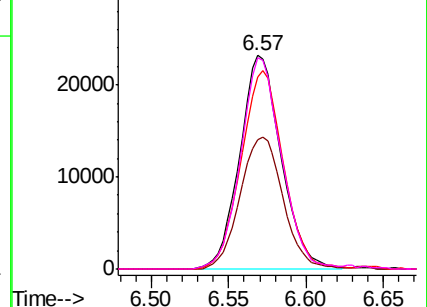


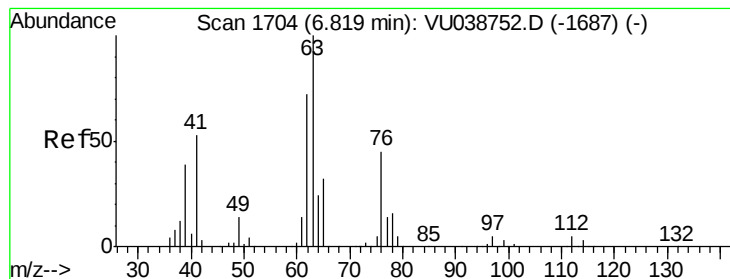
Abundance Ion 95.00 (94.70 to 95.70): VU038774.D (-1534) (-)

Ion 97.00 (96.70 to 97.70): VU038774.D (-1534) (-)

Ion 132.00 (131.70 to 132.70): VU038774.D (-1534) (-)

Ion 130.00 (129.70 to 130.70): VU038774.D (-1534) (-)





#37

1,2-Dichloropropane

Concen: 4.968 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038774.D

Acq: 10 Jun 2020 12:57

Instrument :

MSVOA_U

ClientSampleId :

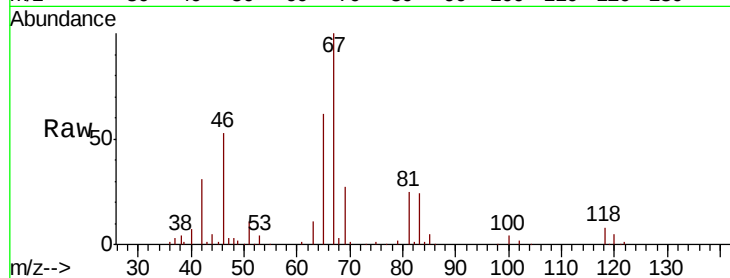
ETW42DL

Tot Ion: 63 Resp: 14930

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU038774.D (-1673) (-)

Ion 112.00 (111.70 to 112.70): VU038774.D (-1673) (-)

6.72

8000

6000

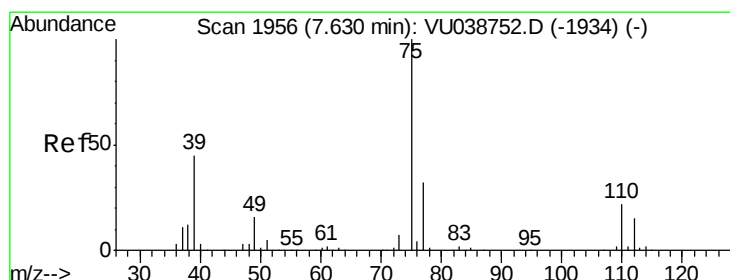
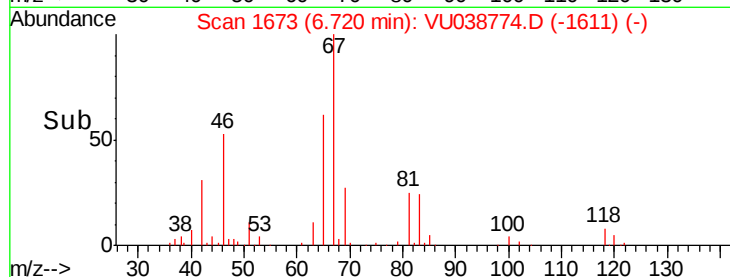
4000

2000

0

6.65 6.70 6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.825 ug/L

RT: 7.59 min Scan# 1943

Delta R.T. -0.04 min

Lab File: VU038774.D

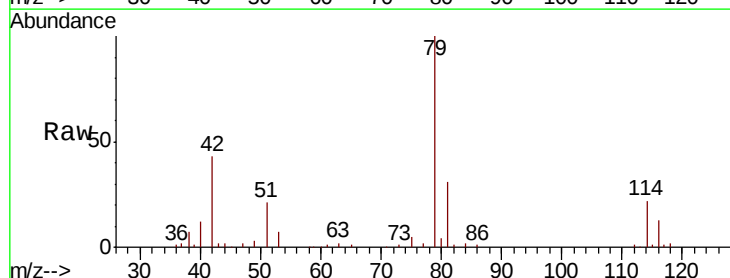
Acq: 10 Jun 2020 12:57

Tgt Ion: 75 Resp: 3825

Ion Ratio Lower Upper

75 100

77 51.9 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU038774.D (-1863) (-)

Ion 77.00 (76.70 to 77.70): VU038774.D (-1863) (-)

7.59

2500

2000

1500

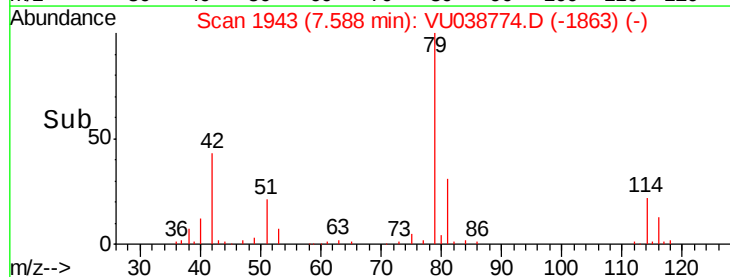
1000

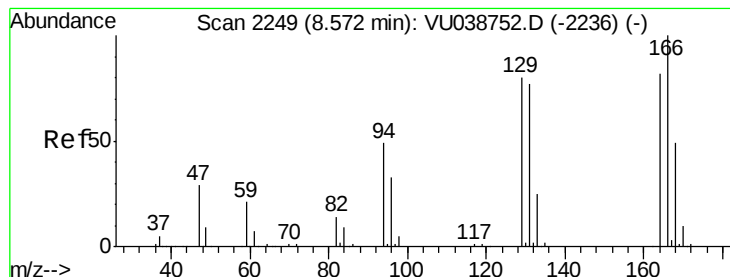
500

0

7.55 7.60

Time-->





#46

Tetrachloroethene

Concen: 64.464 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. 0.00 min

Lab File: VU038774.D

Acq: 10 Jun 2020 12:57

Instrument :

MSVOA_U

ClientSampleId :

ETW42DL

Tot Ion:164 Resp: 136420

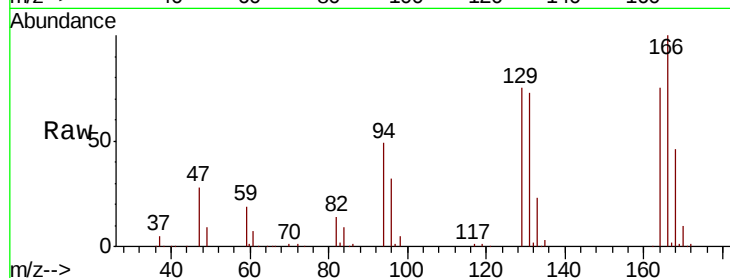
Ion Ratio Lower Upper

164 100

129 99.7 67.2 124.8

131 97.6 65.5 121.6

166 133.5 90.4 168.0

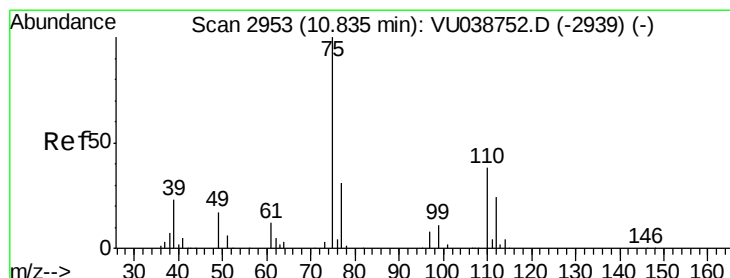
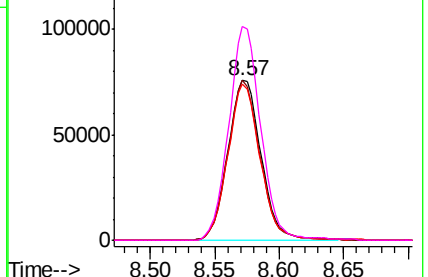
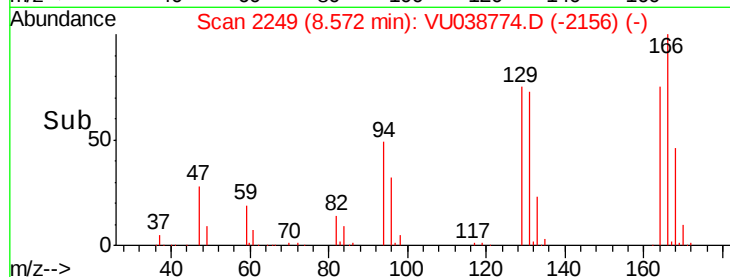


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59

1,2,3-Trichloropropane

Concen: 5.158 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.99 min

Lab File: VU038774.D

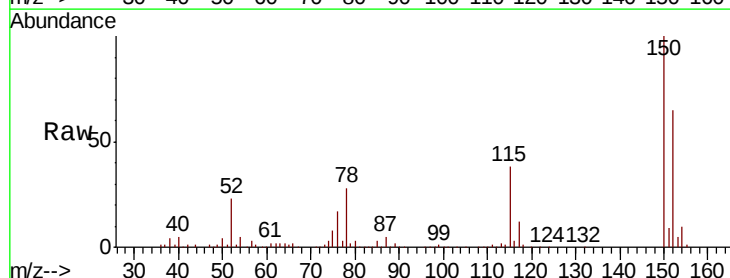
Acq: 10 Jun 2020 12:57

Tgt Ion: 75 Resp: 21738

Ion Ratio Lower Upper

75 100

77 39.5 25.3 37.9#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

