

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052820\
 Data File : VU038349.D
 Acq On : 28 May 2020 16:37
 Operator : JC/MD
 Sample : L2751-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 29 04:33:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 29 04:31:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	579484	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	563495	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	263876	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	206833	56.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	113.72%
7) Chloroethane-d5	1.93	69	164259	58.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.88%
11) 1,1-Dichloroethene-d2	2.59	63	310153	41.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.42%
21) 2-Butanone-d5	4.66	46	392676	113.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.61%
24) Chloroform-d	5.10	84	388295	54.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.72%
26) 1,2-Dichloroethane-d4	5.74	65	264493	54.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.06%
32) Benzene-d6	5.76	84	816541	55.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.54%
36) 1,2-Dichloropropane-d6	6.72	67	250485	55.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.38%
41) Toluene-d8	7.92	98	713682	55.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.28%
43) trans-1,3-Dichloropropene-	8.20	79	120804	53.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.92%
47) 2-Hexanone-d5	8.65	63	291310	121.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.91%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	352562	52.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.98%
64) 1,2-Dichlorobenzene-d4	12.20	152	275039	56.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.46%

Target Compounds

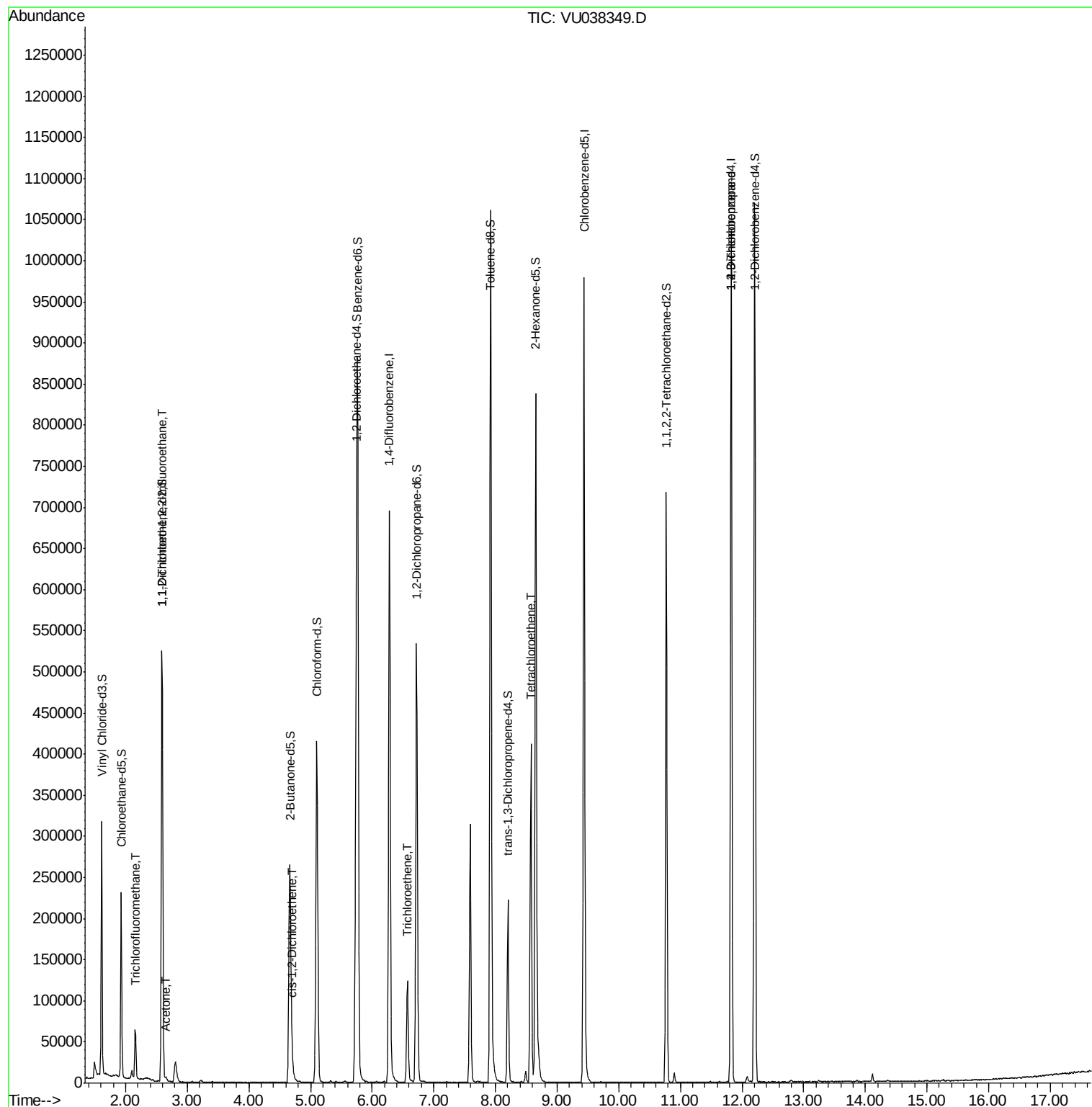
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	2.16	101	37100	6.233	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2866	0.805	ug/L	# 20
13) Acetone	2.66	43	6729	2.343	ug/L	92
20) cis-1,2-Dichloroethene	4.71	96	4560	1.103	ug/L	99
34) Trichloroethene	6.57	95	39599	9.779	ug/L	98
46) Tetrachloroethene	8.57	164	92247	31.161	ug/L	98
59) 1,2,3-Trichloropropane	11.83	75	33877	5.902	ug/L	90

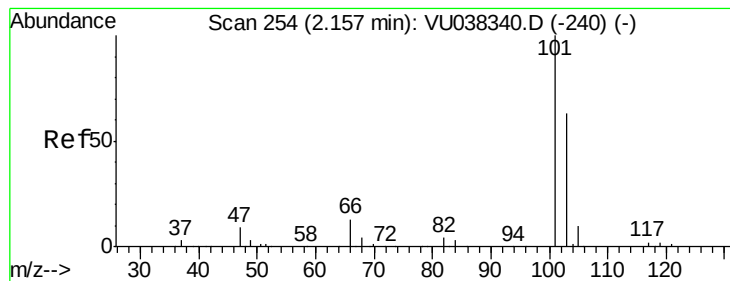
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri May 29 04:31:03 2020
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 6.233 ug/L

RT: 2.16 min Scan# 254

Delta R.T. -0.00 min

Lab File: VU038349.D

Acq: 28 May 2020 16:37

Instrument :

MSVOA_U

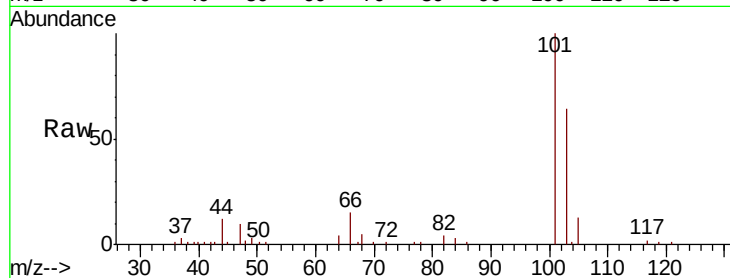
ClientSampled :

Tot Ion:101 Resp: 37100

Ion Ratio Lower Upper

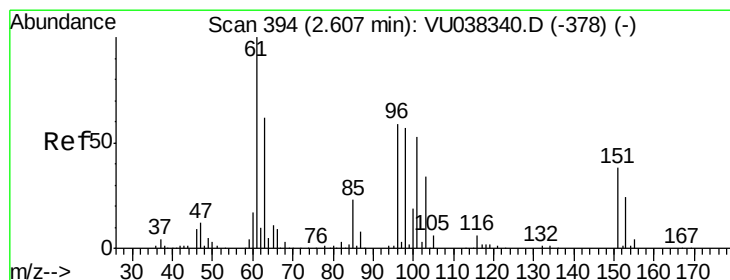
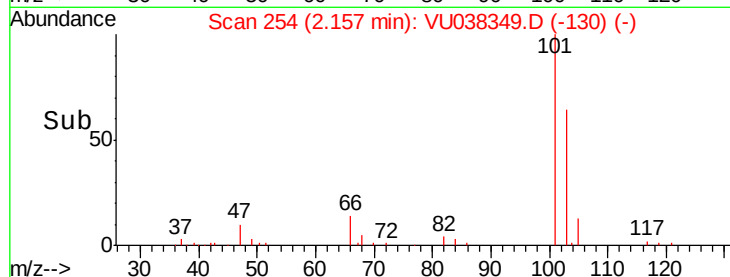
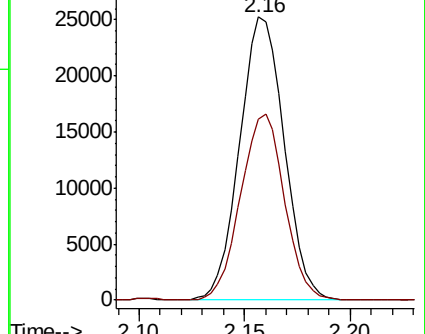
101 100

103 64.5 51.4 77.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

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

Concen: 0.805 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU038349.D

Acq: 28 May 2020 16:37

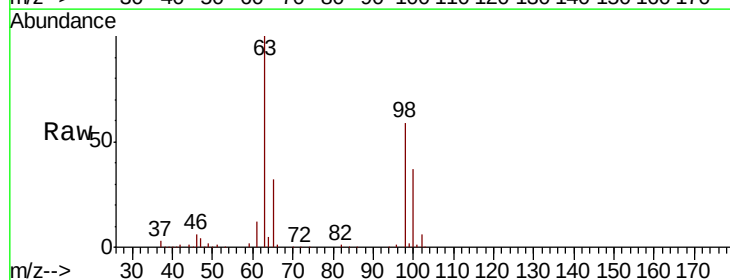
Tgt Ion:101 Resp: 2866

Ion Ratio Lower Upper

101 100

85 0.0 35.5 53.3#

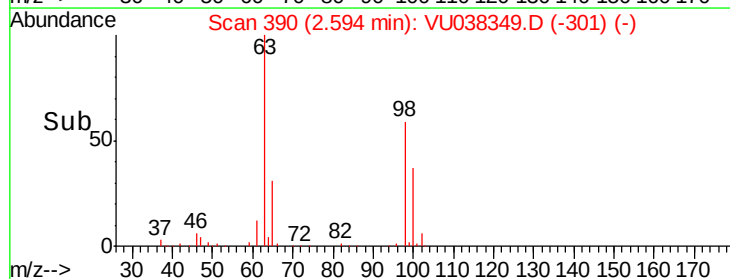
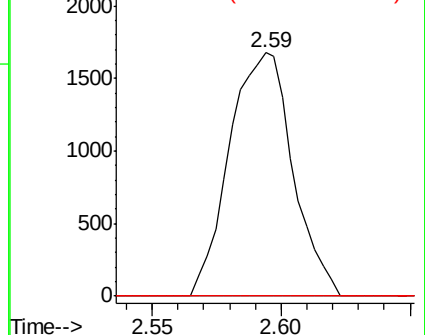
151 0.0 58.4 87.6#

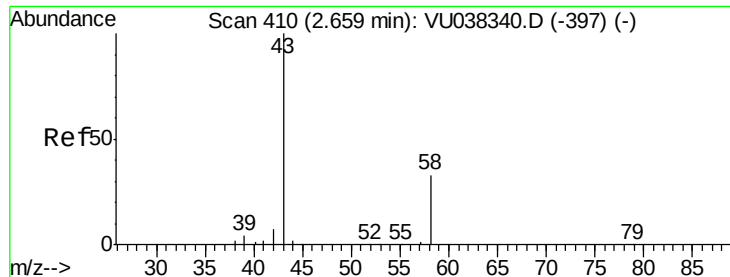


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#13

Acetone

Concen: 2.343 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU038349.D

Acq: 28 May 2020 16:37

Instrument :

MSVOA_U

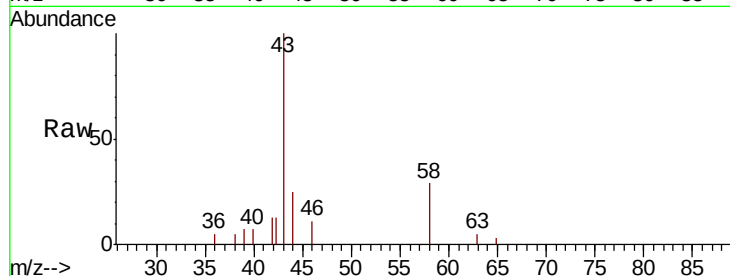
ClientSampleId :

Tot Ion: 43 Resp: 6729

Ion Ratio Lower Upper

43 100

58 27.3 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VU038349.D (-317) (-)

Ion 58.00 (57.70 to 58.70): VU038349.D (-317) (-)

2.66

4000

3000

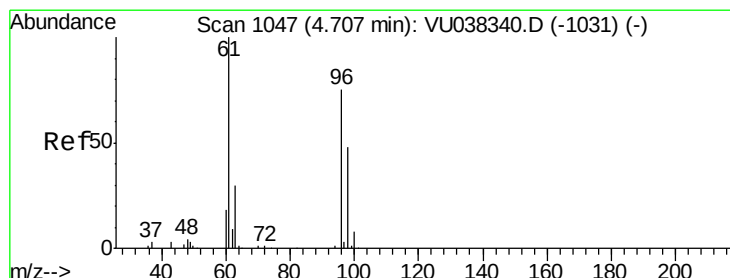
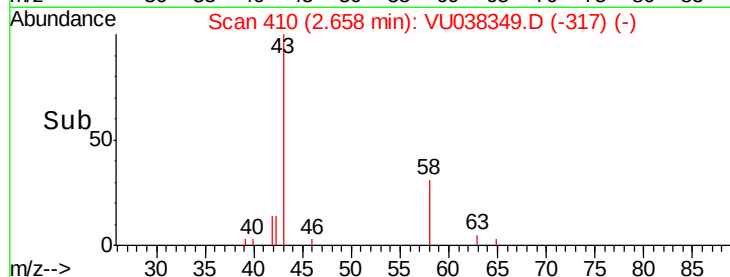
2000

1000

0

Time-->

2.60 2.65 2.70



#20

cis-1,2-Dichloroethene

Concen: 1.103 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU038349.D

Acq: 28 May 2020 16:37

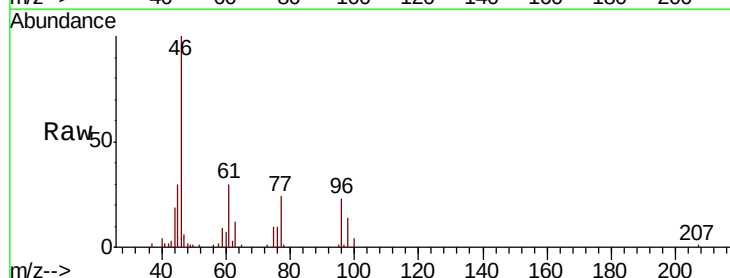
Tgt Ion: 96 Resp: 4560

Ion Ratio Lower Upper

96 100

61 132.5 93.4 173.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038349.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VU038349.D (-954) (-)

Ion 68.00 (67.70 to 68.70): VU038349.D (-954) (-)

4.71

4000

3000

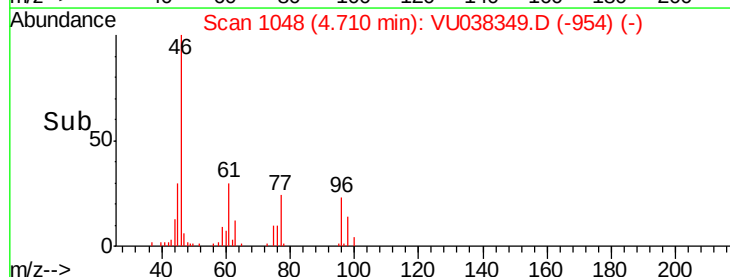
2000

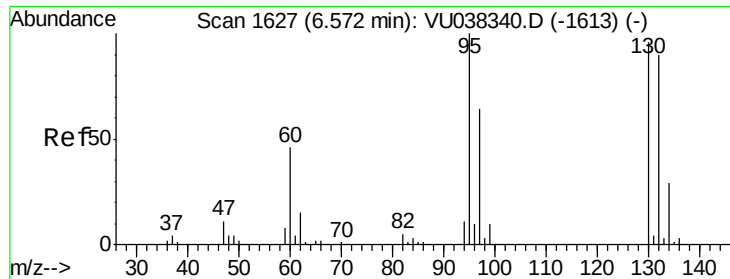
1000

0

Time-->

4.65 4.70 4.75





#34

Trichloroethene

Concen: 9.779 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU038349.D

Acq: 28 May 2020 16:37

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 39599

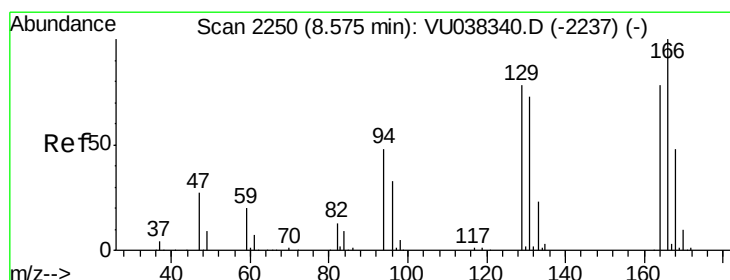
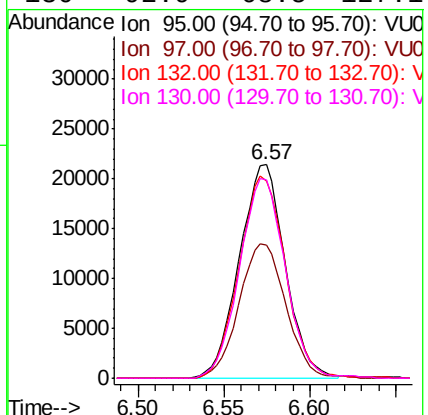
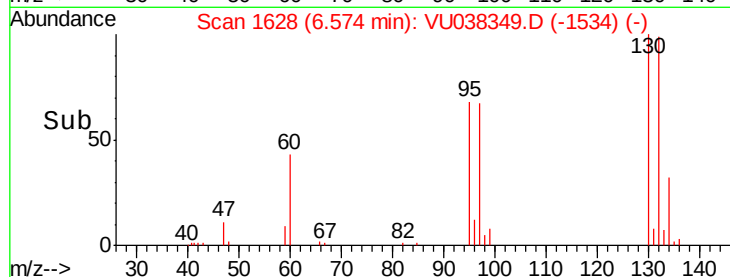
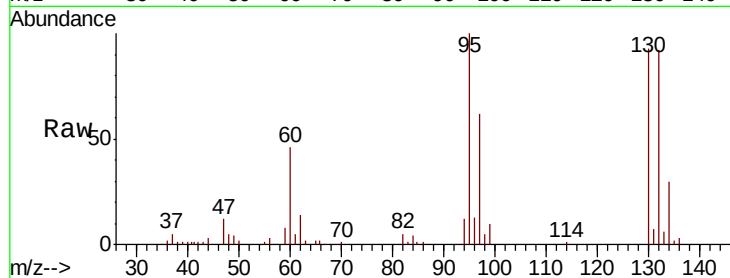
Ion Ratio Lower Upper

95 100

97 62.3 44.3 82.3

132 92.0 64.7 120.1

130 92.9 68.5 127.1



#46

Tetrachloroethene

Concen: 31.161 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU038349.D

Acq: 28 May 2020 16:37

Tgt Ion: 164 Resp: 92247

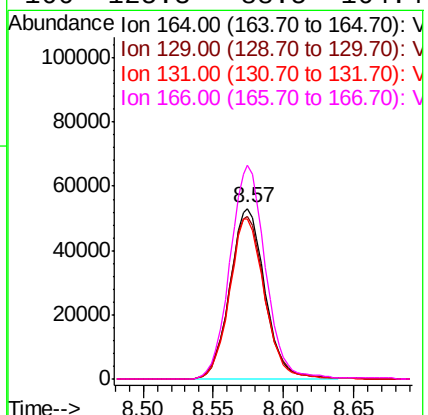
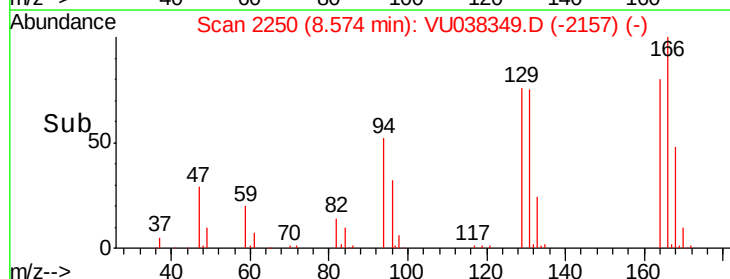
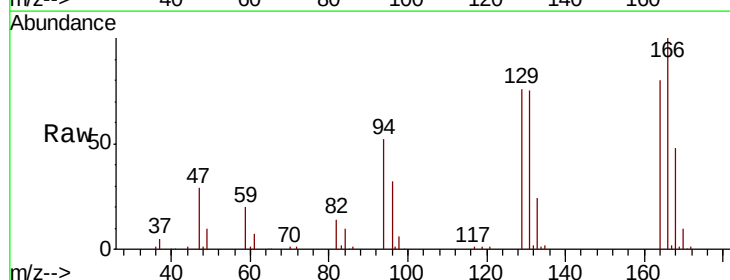
Ion Ratio Lower Upper

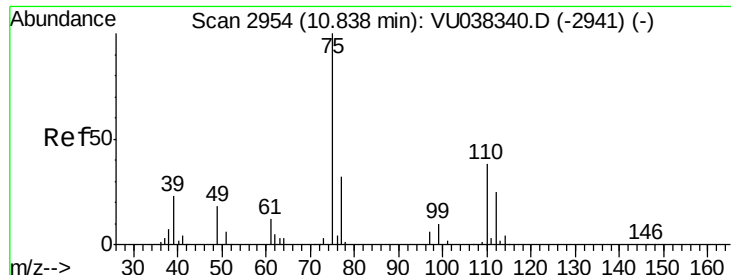
164 100

129 95.2 67.2 124.8

131 94.2 63.4 117.8

166 125.3 88.5 164.4





#59

1,2,3-Trichloropropane

Concen: 5.902 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU038349.D

Acq: 28 May 2020 16:37

Instrument :

MSVOA_U

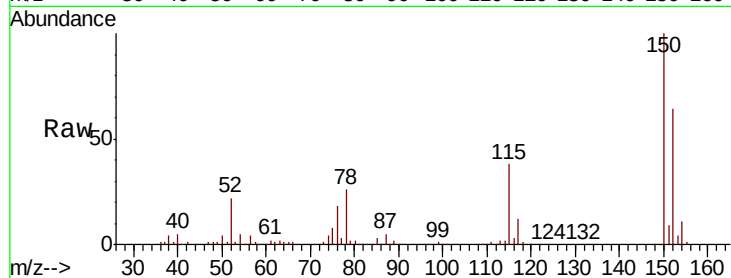
ClientSampleId :

Tot Ion: 75 Resp: 33877

Ion Ratio Lower Upper

75 100

77 37.8 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

