

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026449.D
 Acq On : 30 Aug 2018 16:10
 Operator : MD/SY
 Sample : J4691-15 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 04:24:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 04:22:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	145550	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	136742	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	57456	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	43697	48.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.92%
7) Chloroethane-d5	1.68	69	39623	48.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.30%
11) 1,1-Dichloroethene-d2	2.27	63	59933	29.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.02%#
21) 2-Butanone-d5	4.18	46	66424	94.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.90%
24) Chloroform-d	4.65	84	78637	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.34%
26) 1,2-Dichloroethane-d4	5.31	65	53265	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.94%
32) Benzene-d6	5.35	84	154178	48.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.84%
36) 1,2-Dichloropropane-d6	6.33	67	53469	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.78%
41) Toluene-d8	7.57	98	140852	46.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	7.85	79	22438	45.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.76%
47) 2-Hexanone-d5	8.31	63	49648	99.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	74816	46.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	55055	52.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.62%

Target Compounds

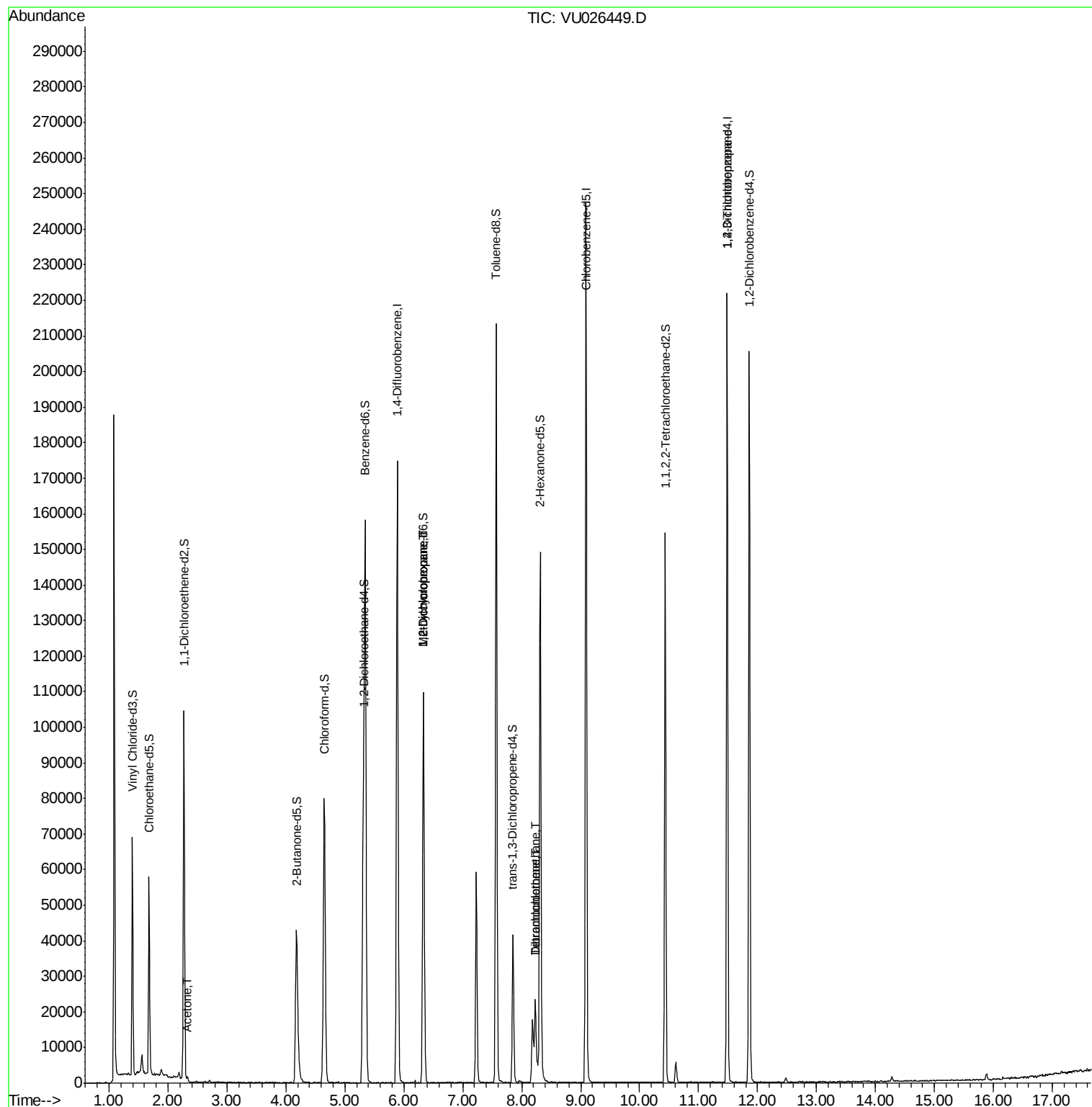
					Ovalue
13) Acetone	2.32	43	1139	1.879 ug/L	77
35) Methylcyclohexane	6.33	83	12224	7.961 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	5690	5.243 ug/L #	88
46) Tetrachloroethene	8.23	164	4114	5.117 ug/L	92
49) Dibromochloromethane	8.23	129	3772	3.367 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	6629	4.895 ug/L #	87

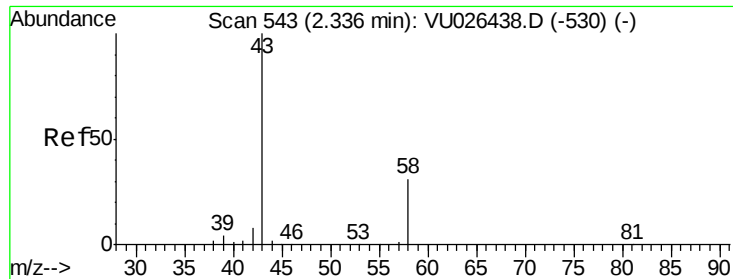
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 31 04:22:30 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.879 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.02 min

Lab File: VU026449.D

Acq: 30 Aug 2018 16:10

Instrument :

MSVOA_U

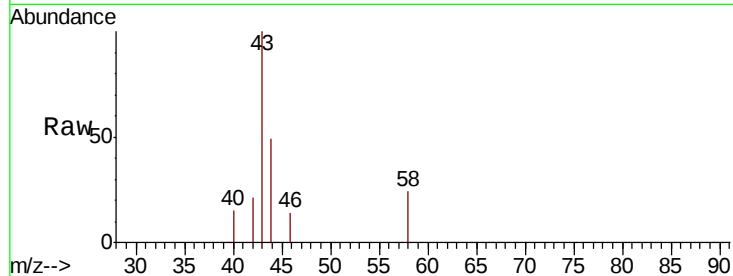
ClientSampleId :

Tot Ion: 43 Resp: 1139

Ion Ratio Lower Upper

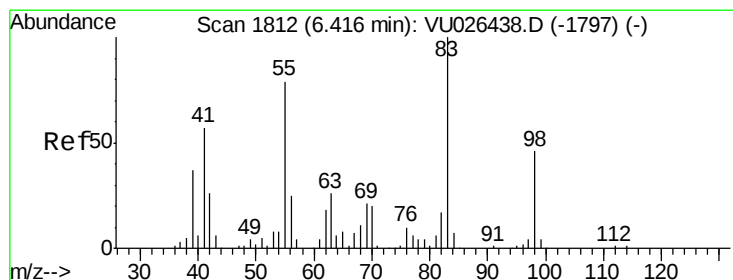
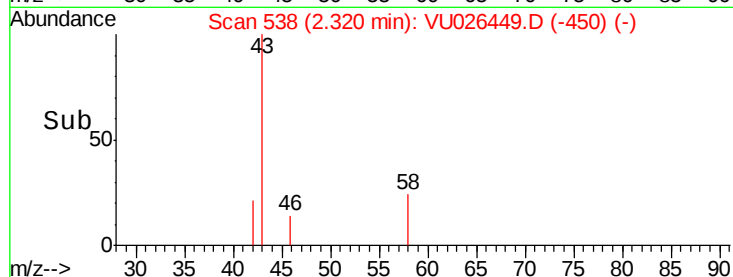
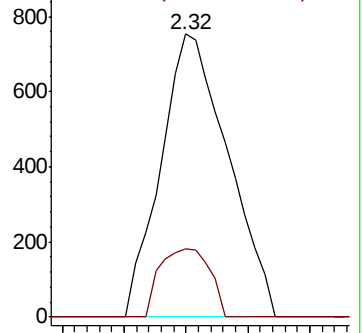
43 100

58 17.9 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#35

Methylcyclohexane

Concen: 7.961 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.08 min

Lab File: VU026449.D

Acq: 30 Aug 2018 16:10

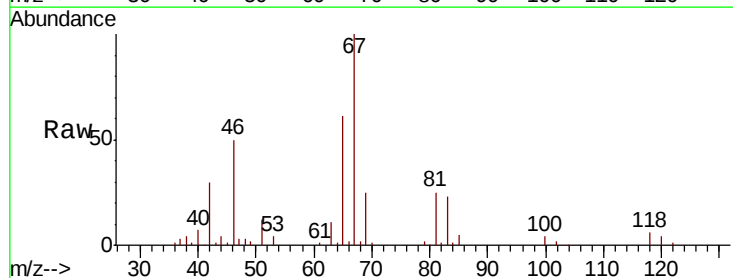
Tgt Ion: 83 Resp: 12224

Ion Ratio Lower Upper

83 100

55 0.0 63.3 94.9#

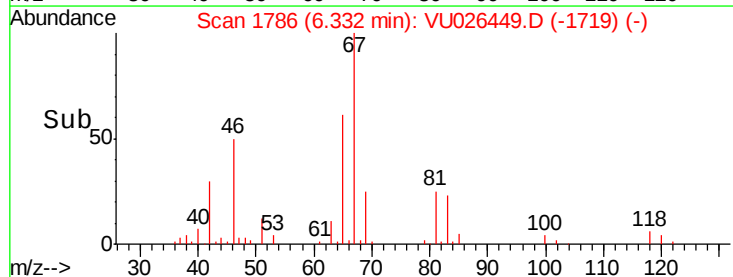
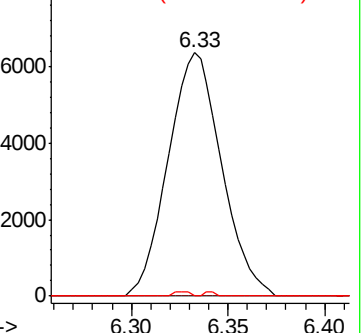
98 0.5 36.7 55.1#

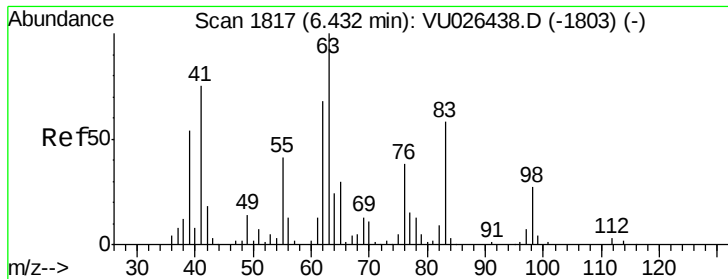


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#37

1,2-Dichloropropane

Concen: 5.243 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU026449.D

Acq: 30 Aug 2018 16:10

Instrument :

MSVOA_U

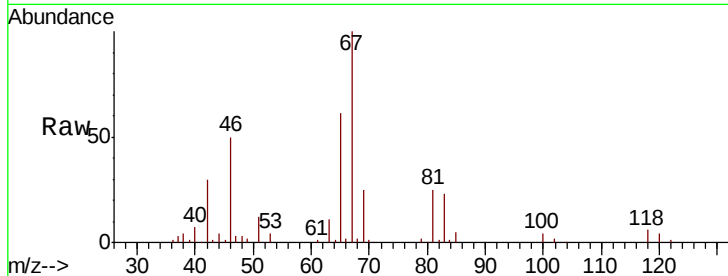
ClientSampleId :

Tot Ion: 63 Resp: 5690

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU026438.D (-1803) (-)

Ion 112.00 (111.70 to 112.70): VU026438.D (-1803) (-)

6.33

3000

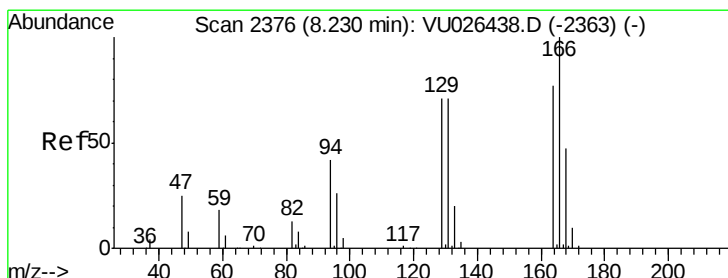
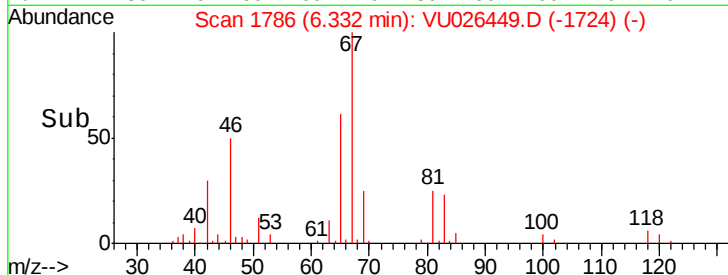
2000

1000

0

6.30 6.35

Time-->



#46

Tetrachloroethene

Concen: 5.117 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU026449.D

Acq: 30 Aug 2018 16:10

Tgt Ion:164 Resp: 4114

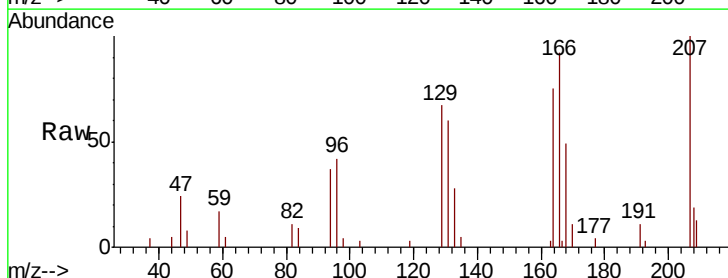
Ion Ratio Lower Upper

164 100

129 89.9 67.3 125.1

131 80.4 65.3 121.3

166 123.1 90.9 168.7



Abundance Ion 164.00 (163.70 to 164.70): VU026438.D (-2363) (-)

Ion 129.00 (128.70 to 129.70): VU026438.D (-2363) (-)

Ion 131.00 (130.70 to 131.70): VU026438.D (-2363) (-)

Ion 166.00 (165.70 to 166.70): VU026438.D (-2363) (-)

8.23

4000

3000

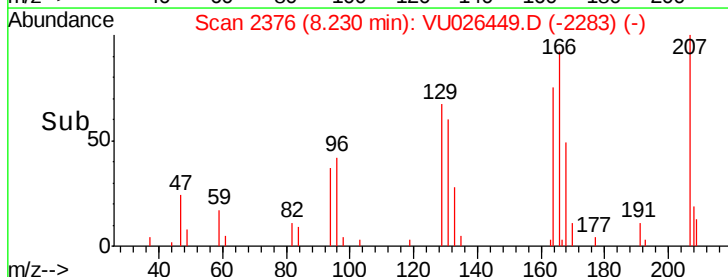
2000

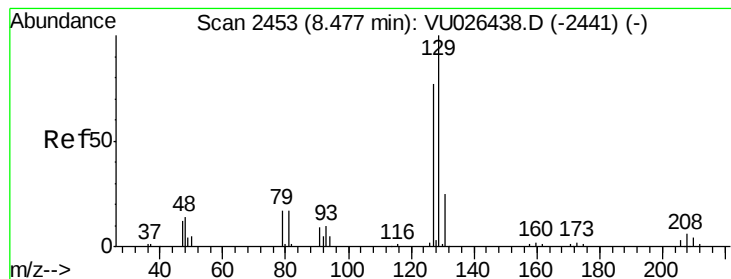
1000

0

8.20 8.25

Time-->





#49

Dibromochloromethane

Concen: 3.367 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.25 min

Lab File: VU026449.D

Acq: 30 Aug 2018 16:10

Instrument :

MSVOA_U

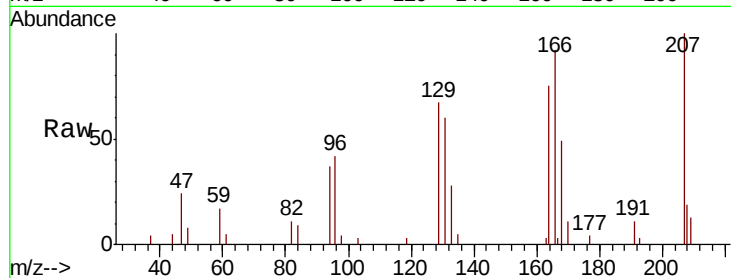
ClientSampleId :

Tot Ion:129 Resp: 3772

Ion Ratio Lower Upper

129 100

127 0.0 55.0 102.2#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.23

2500

2000

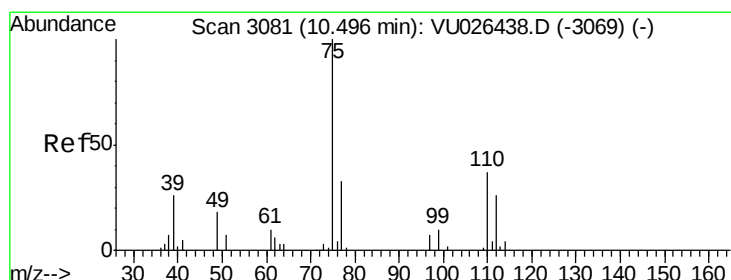
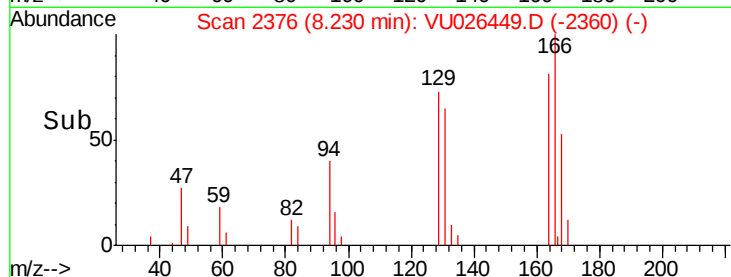
1500

1000

500

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.895 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026449.D

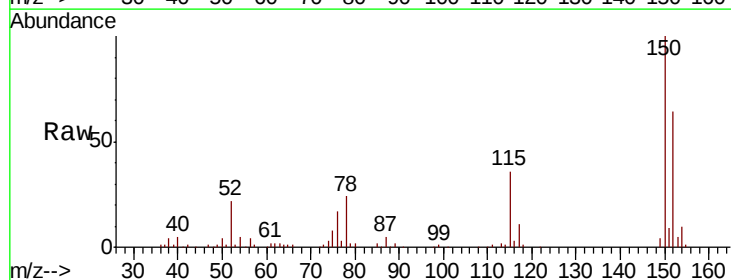
Acq: 30 Aug 2018 16:10

Tgt Ion: 75 Resp: 6629

Ion Ratio Lower Upper

75 100

77 38.6 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.48

5000

4000

3000

2000

1000

0

Time-->

