

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082818\
 Data File : VU026409.D
 Acq On : 28 Aug 2018 20:07
 Operator : MD/SY
 Sample : J4633-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 01:41:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 29 00:08:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	63595	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	63547	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	28396	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	22216	2.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	52.40%
7) Chloroethane-d5	1.68	69	19814	3.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	62.20%#
11) 1,1-Dichloroethene-d2	2.27	63	33495	2.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	46.80%#
20) 2-Butanone-d5	4.20	46	62389	39.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.64%
24) Chloroform-d	4.65	84	37504	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.20%
26) 1,2-Dichloroethane-d4	5.31	65	21880	3.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.80%
32) Benzene-d6	5.34	84	74126	3.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.20%#
36) 1,2-Dichloropropane-d6	6.34	67	25821	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.60%
41) Toluene-d8	7.57	98	63669	3.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.60%#
43) trans-1,3-Dichloropropene-	7.85	79	7648	2.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.20%
46) 2-Hexanone-d5	8.32	63	43740	37.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.06%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	20188	3.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	25244	3.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.20%#

Target Compounds

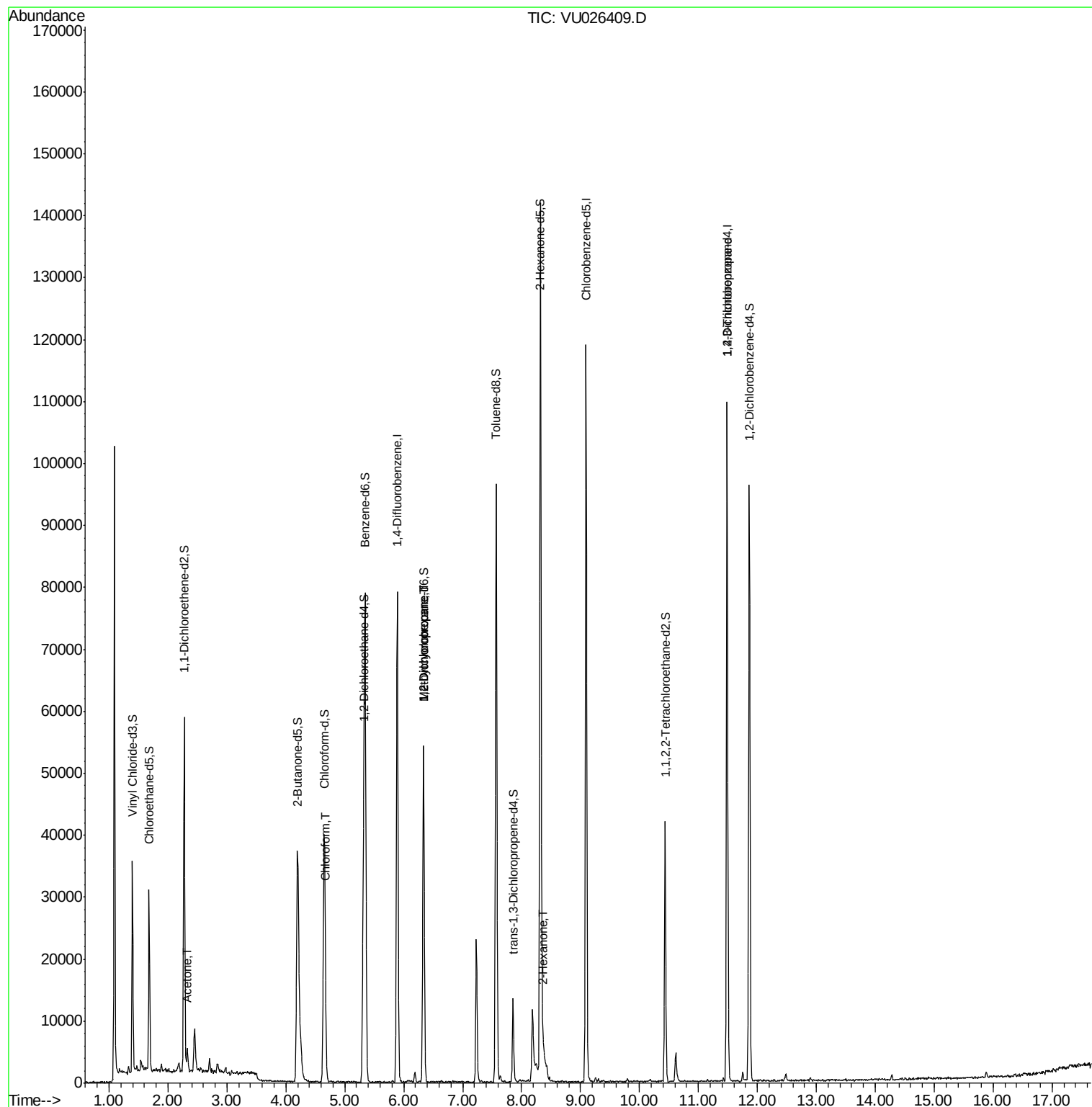
					Ovalue
13) Acetone	2.33	43	3613	3.124 ug/L	90
25) Chloroform	4.68	83	2295	0.202 ug/L	83
35) Methylcyclohexane	6.33	83	5875	0.725 ug/L #	15
37) 1,2-Dichloropropane	6.33	63	2738	0.468 ug/L #	89
48) 2-Hexanone	8.37	43	963	0.395 ug/L #	95
59) 1,2,3-Trichloropropane	11.49	75	3293	0.975 ug/L #	86

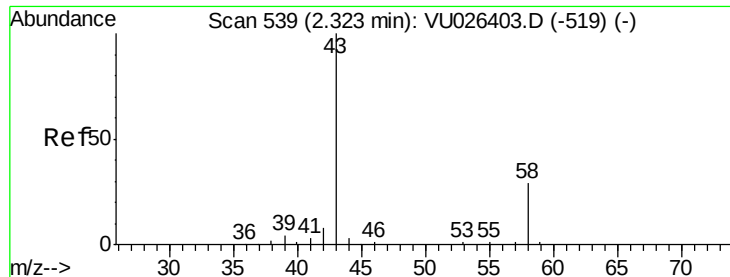
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.124 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU026409.D

Acq: 28 Aug 2018 20:07

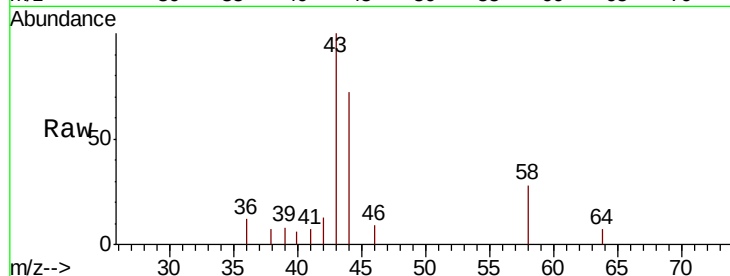
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 3613

Ion Ratio Lower Upper

43 100

58 24.9 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU026409.D (-446) (-)

Ion 58.05 (57.75 to 58.75): VU026409.D (-446) (-)

2.33

2000

1500

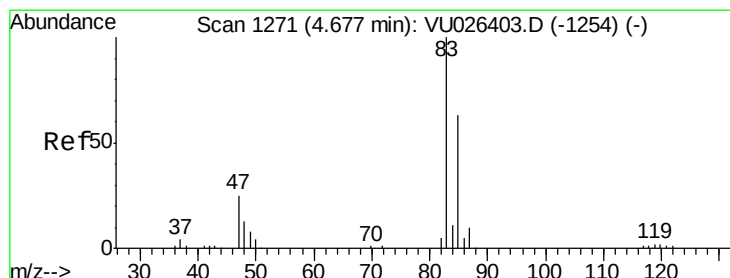
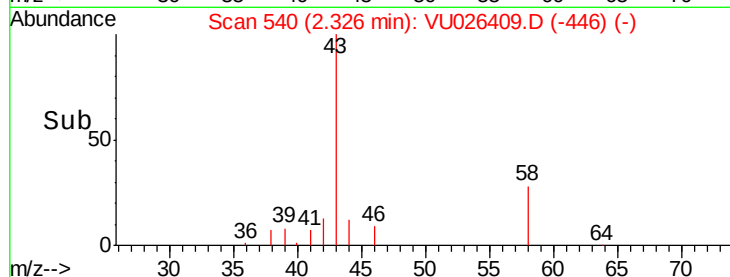
1000

500

0

Time-->

2.25 2.30 2.35 2.40



#25

Chloroform

Concen: 0.202 ug/L

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU026409.D

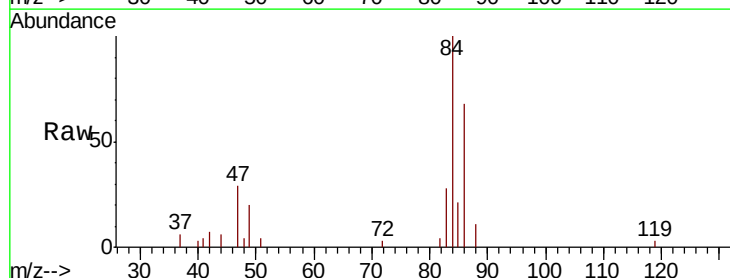
Acq: 28 Aug 2018 20:07

Tgt Ion: 83 Resp: 2295

Ion Ratio Lower Upper

83 100

85 75.9 43.8 81.4



Abundance Ion 83.05 (82.75 to 83.75): VU026409.D (-1178) (-)

Ion 85.00 (84.70 to 85.70): VU026409.D (-1178) (-)

4.68

1200

1000

800

600

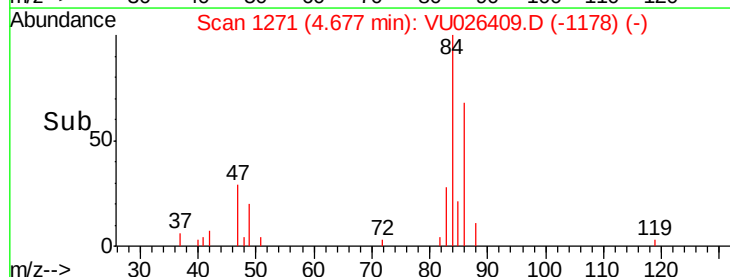
400

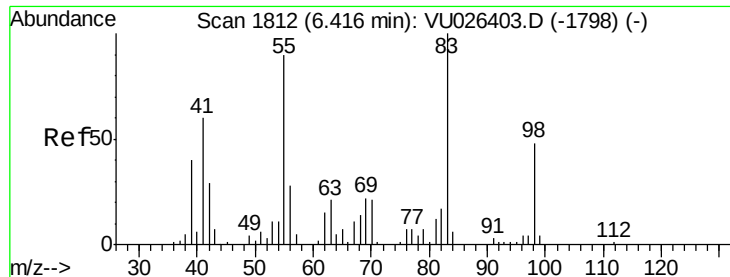
200

0

Time-->

4.60 4.65 4.70

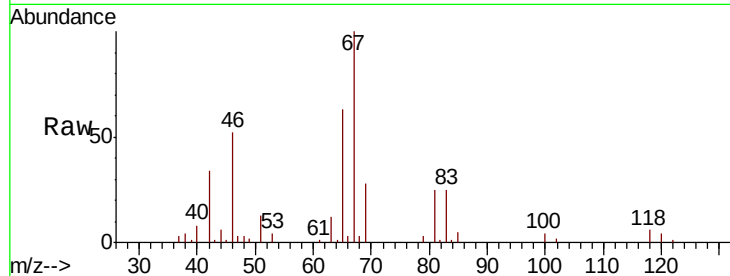




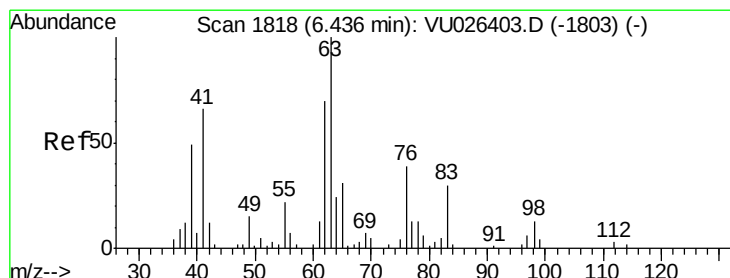
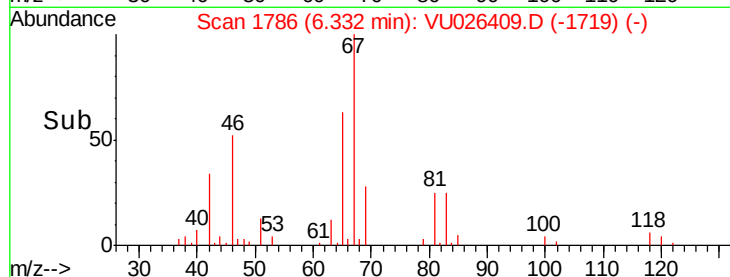
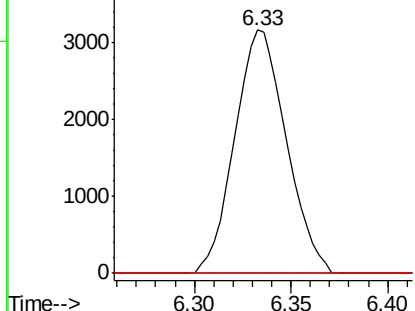
#35
Methylcyclohexane
Concen: 0.725 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.08 min
Lab File: VU026409.D
Acq: 28 Aug 2018 20:07

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 5875
Ion Ratio Lower Upper
83 100
55 0.0 68.1 102.1#
98 0.0 36.0 54.0#

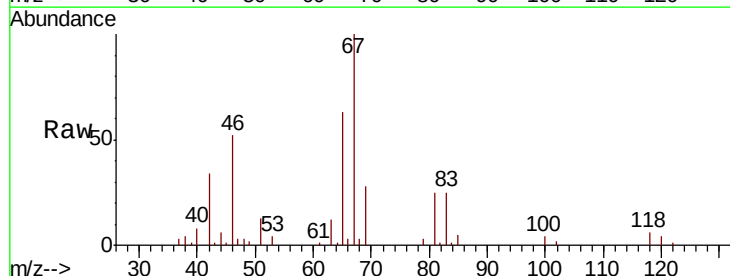


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

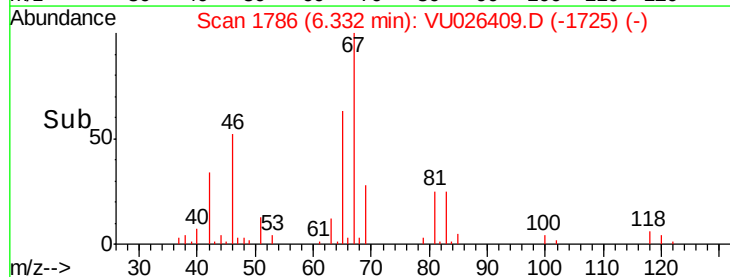
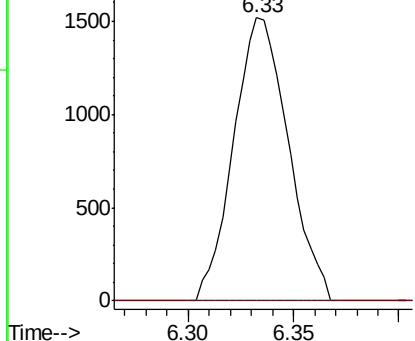


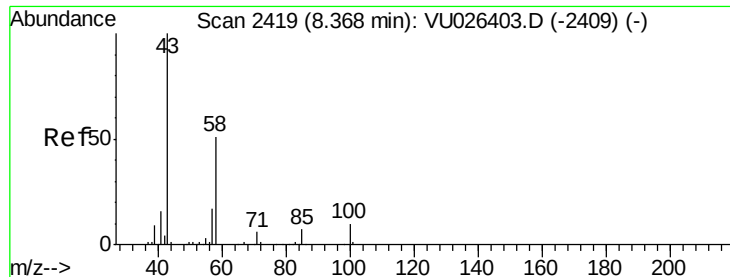
#37
1,2-Dichloropropane
Concen: 0.468 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU026409.D
Acq: 28 Aug 2018 20:07

Tgt Ion: 63 Resp: 2738
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#48

2-Hexanone

Concen: 0.395 ug/L

RT: 8.37 min Scan# 2419

Delta R.T. -0.00 min

Lab File: VU026409.D

Acq: 28 Aug 2018 20:07

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 963

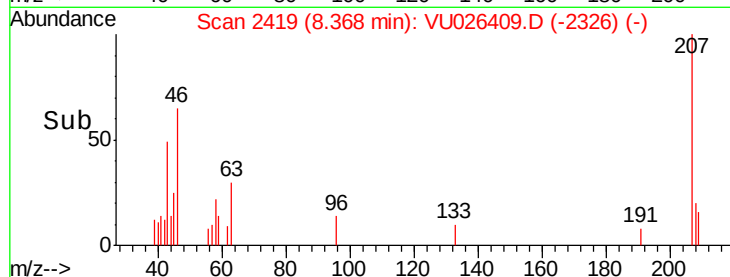
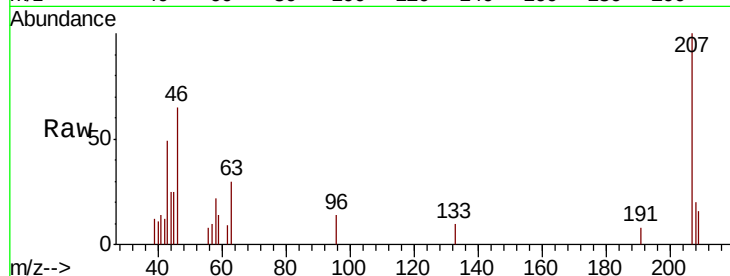
Ion Ratio Lower Upper

43 100

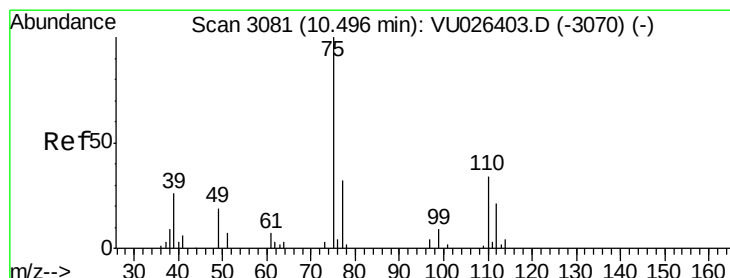
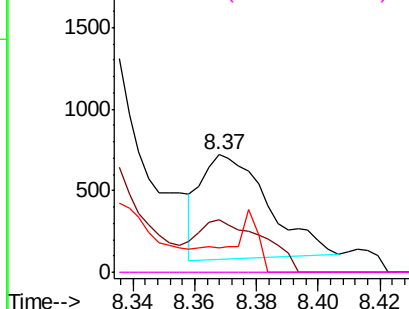
58 51.7 40.5 60.7

57 18.4 14.0 21.0

100 0.0 7.6 11.4#



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0



#59

1,2,3-Trichloropropane

Concen: 0.975 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026409.D

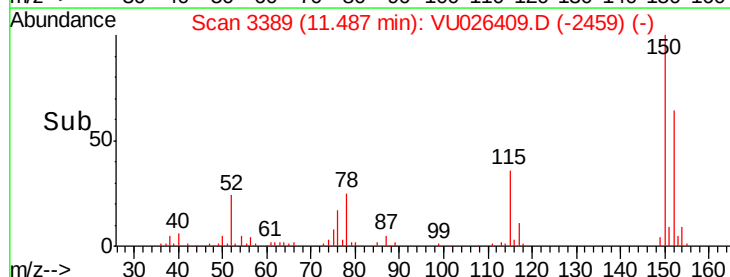
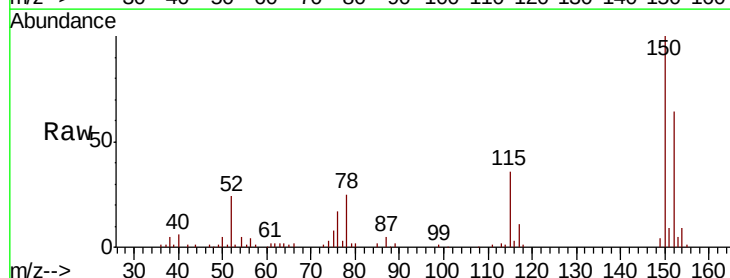
Acq: 28 Aug 2018 20:07

Tgt Ion: 75 Resp: 3293

Ion Ratio Lower Upper

75 100

77 38.7 25.0 37.4#



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

