

Data File : VU028856.D
Acq On : 21 Dec 2018 03:57
Operator : MD/SY
Sample : J6513-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9F73

Quant Time: Dec 21 06:04:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 05:57:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	216015	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	198562	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	85132	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67562	39.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.02%
7) Chloroethane-d5	1.67	69	57081	42.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.34%
11) 1,1-Dichloroethene-d2	2.27	63	89429	30.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.42%
21) 2-Butanone-d5	4.18	46	124381	102.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.51%
24) Chloroform-d	4.65	84	122171	44.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.72%
26) 1,2-Dichloroethane-d4	5.31	65	78125	46.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.08%
32) Benzene-d6	5.34	84	262160	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.46%
36) 1,2-Dichloropropane-d6	6.33	67	92005	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.56%
41) Toluene-d8	7.57	98	233244	45.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.76%
43) trans-1,3-Dichloropropene-	7.85	79	39168	45.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.74%
47) 2-Hexanone-d5	8.31	63	100960	111.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	131349	49.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	85035	49.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.78%

Target Compounds

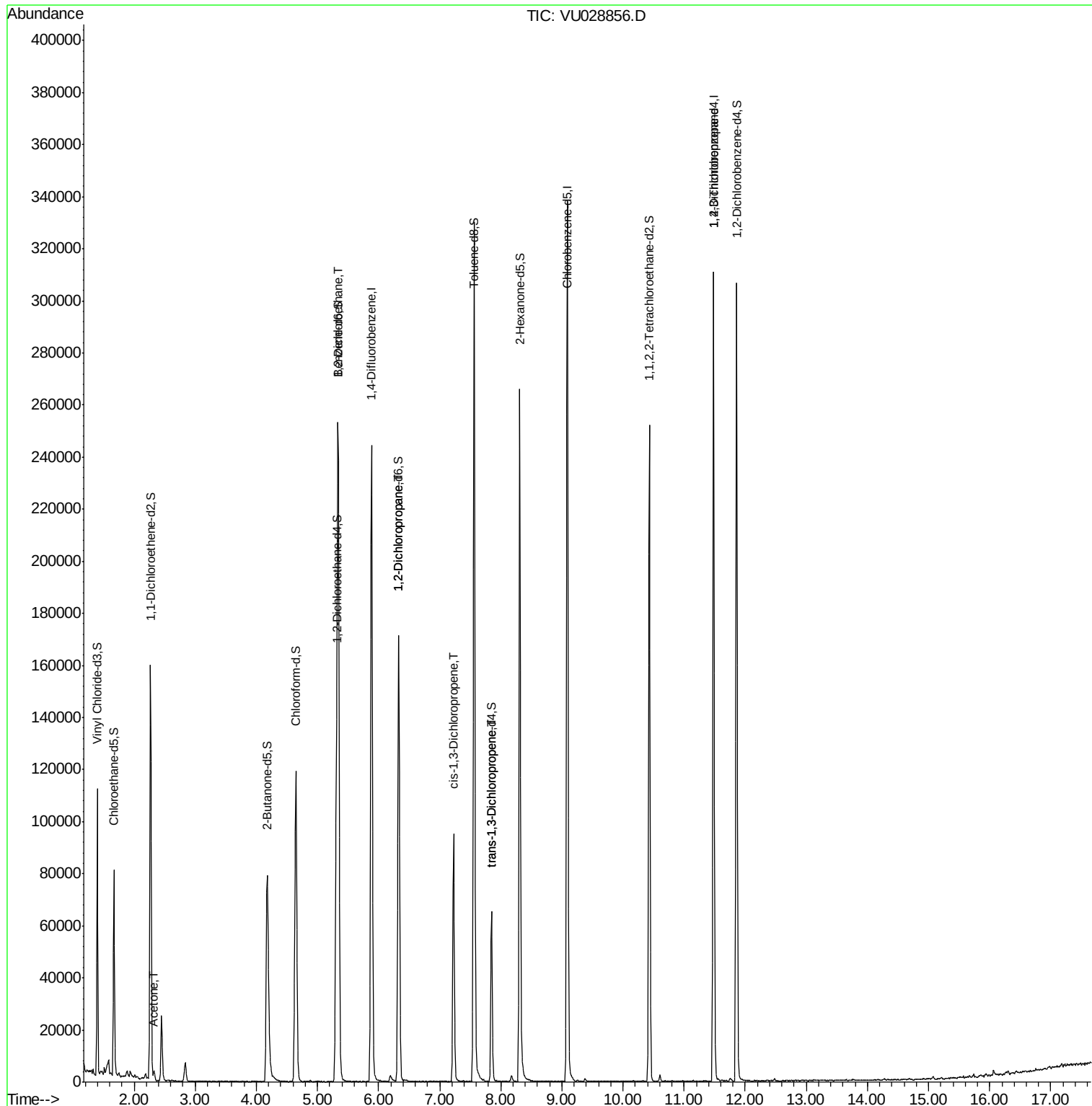
					Qvalue
13) Acetone	2.32	43	2530	2.046 ug/L	88
27) 1,2-Dichloroethane	5.34	62	1125	0.545 ug/L #	74
37) 1,2-Dichloropropane	6.33	63	8661	4.901 ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	1954	0.776 ug/L #	54
44) trans-1,3-Dichloropropene	7.85	75	1267	0.564 ug/L	85
59) 1,2,3-Trichloropropane	11.48	75	10205	4.839 ug/L	93

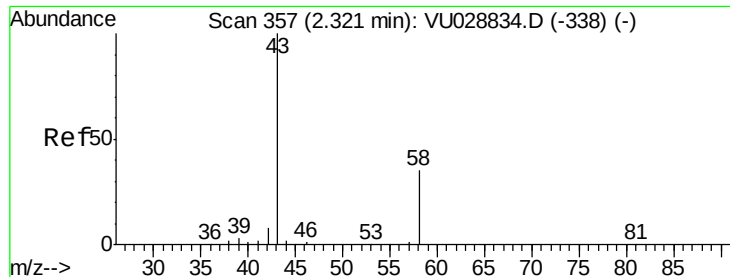
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.046 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028856.D

Acq: 21 Dec 2018 03:57

Instrument :

MSVOA_U

ClientSampleId :

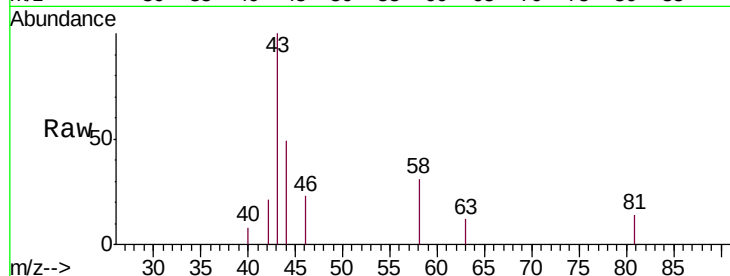
F9F73

Tgt Ion: 43 Resp: 2530

Ion Ratio Lower Upper

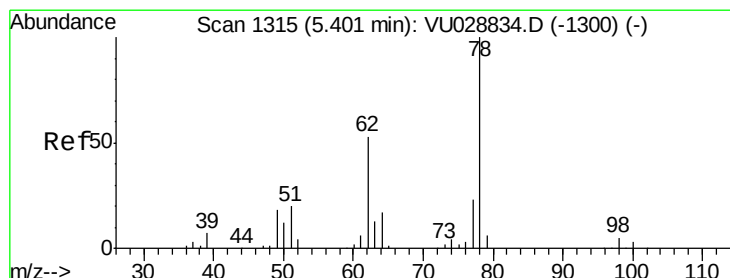
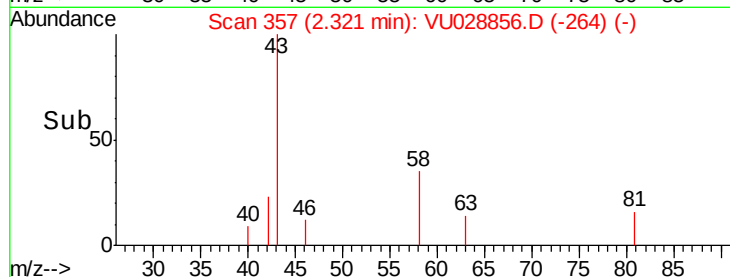
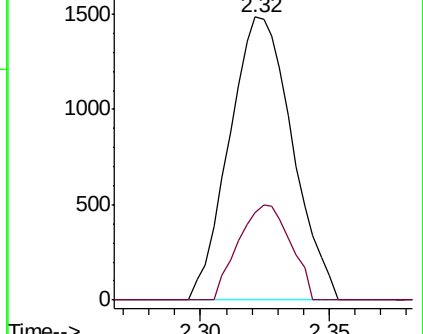
43 100

58 27.9 0.0 70.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#27

1,2-Dichloroethane

Concen: 0.545 ug/L

RT: 5.34 min Scan# 1296

Delta R.T. -0.06 min

Lab File: VU028856.D

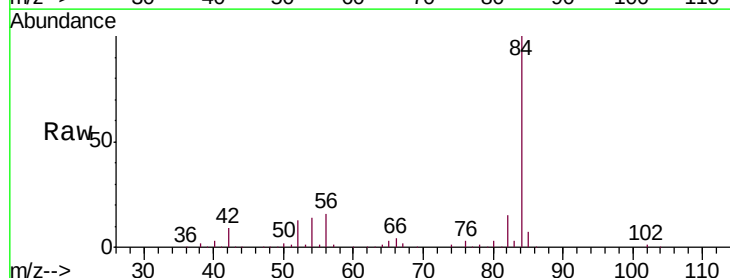
Acq: 21 Dec 2018 03:57

Tgt Ion: 62 Resp: 1125

Ion Ratio Lower Upper

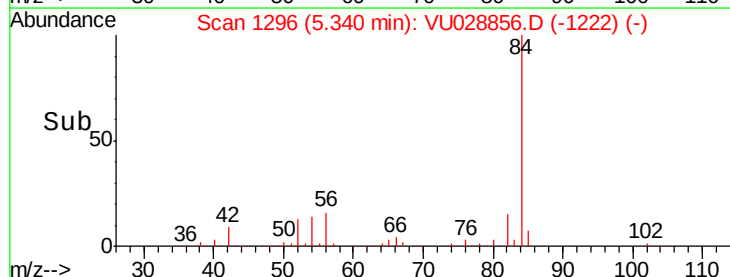
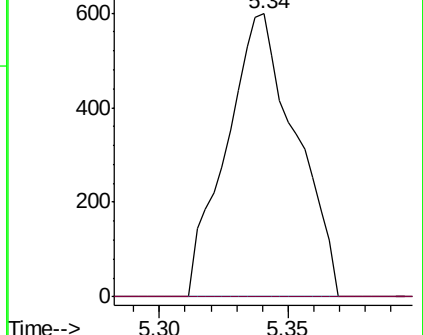
62 100

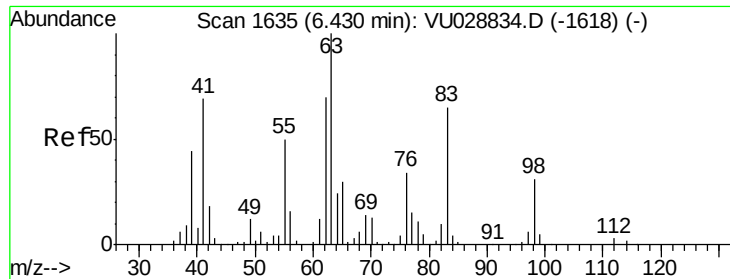
98 0.0 7.5 11.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

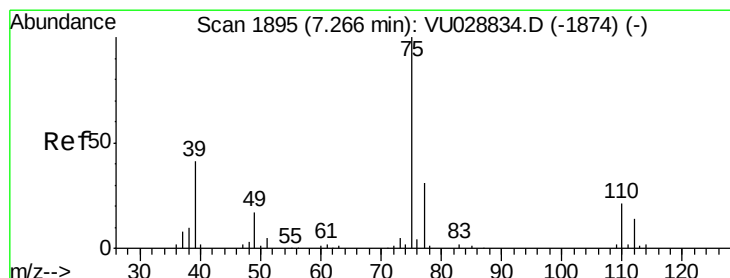
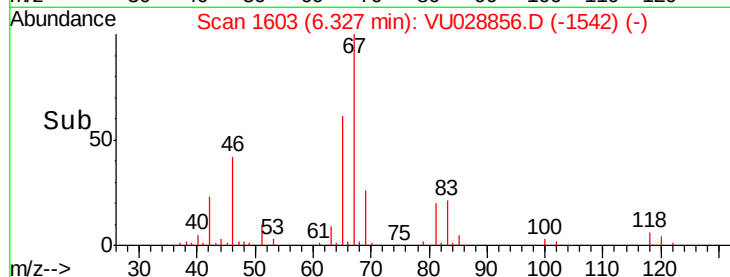
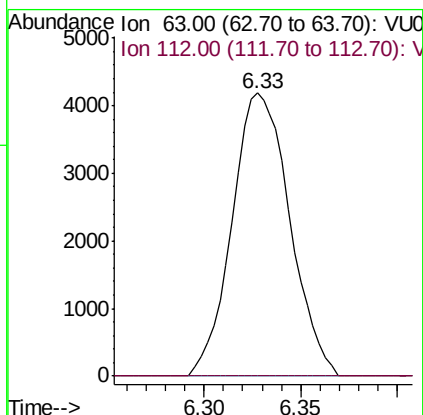
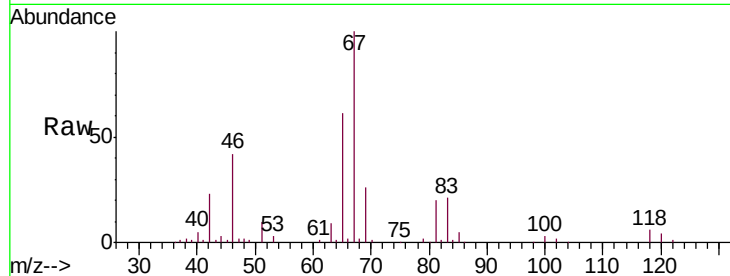




#37
 1,2-Dichloropropane
 Concen: 4.901 ug/L
 RT: 6.33 min Scan# 1603
 Delta R.T. -0.10 min
 Lab File: VU028856.D
 Acq: 21 Dec 2018 03:57

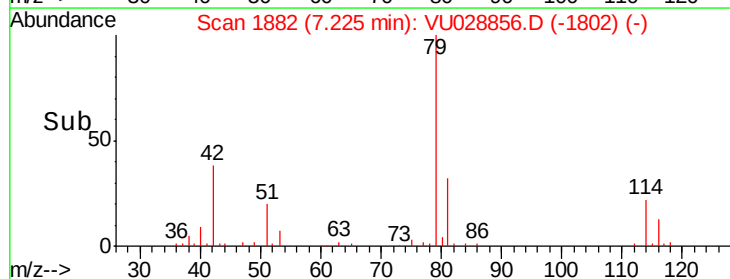
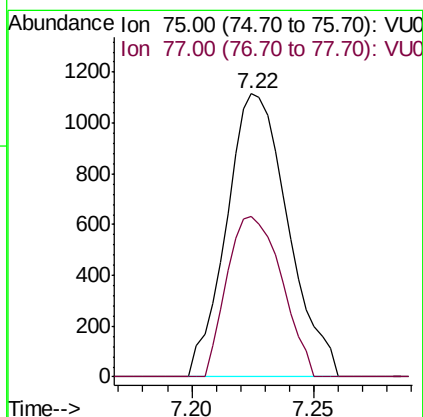
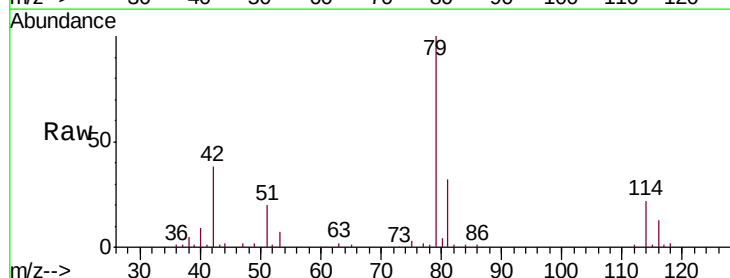
Instrument :
 MSVOA_U
 ClientSampled :
 F9F73

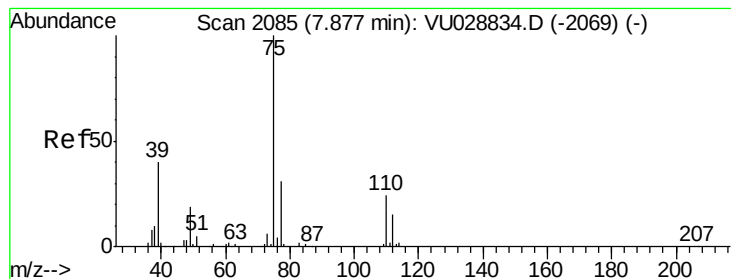
Tgt Ion: 63 Resp: 8661
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.7 4.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.776 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.04 min
 Lab File: VU028856.D
 Acq: 21 Dec 2018 03:57

Tgt Ion: 75 Resp: 1954
 Ion Ratio Lower Upper
 75 100
 77 56.7 21.8 40.6#





#44

trans-1,3-Dichloropropene

Concen: 0.564 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU028856.D

Acq: 21 Dec 2018 03:57

Instrument :

MSVOA_U

ClientSampleId :

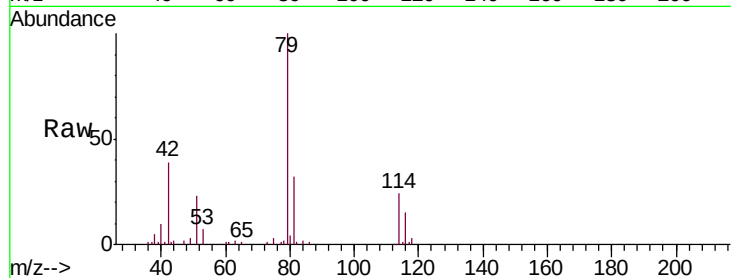
F9F73

Tgt Ion: 75 Resp: 1267

Ion Ratio Lower Upper

75 100

77 39.2 21.8 40.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

800

600

400

200

0

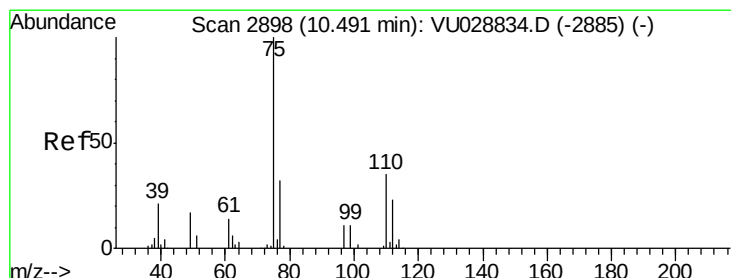
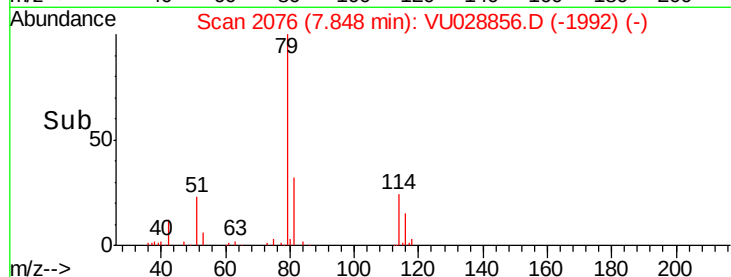
7.85

7.80

7.85

7.90

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.839 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028856.D

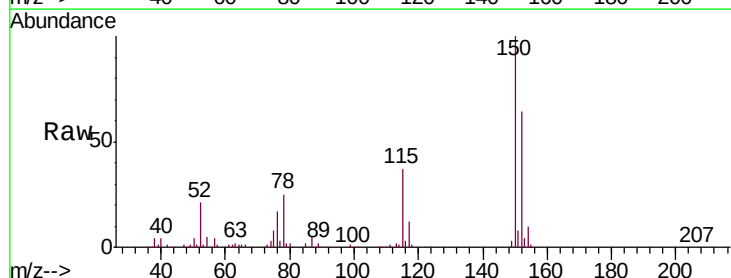
Acq: 21 Dec 2018 03:57

Tgt Ion: 75 Resp: 10205

Ion Ratio Lower Upper

75 100

77 35.6 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

6000

4000

2000

0

11.48

11.45

11.50

Time-->

