

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091518\
 Data File : VU026729.D
 Acq On : 13 Sep 2018 16:42
 Operator : MD/SY
 Sample : J4893-01 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08K0

Quant Time: Sep 14 01:22:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 14 01:21:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	190726	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	175588	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	77163	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	63210	44.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.94%
7) Chloroethane-d5	1.68	69	51260	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.52%
11) 1,1-Dichloroethene-d2	2.27	63	88600	34.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.66%
21) 2-Butanone-d5	4.18	46	82072	92.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.79%
24) Chloroform-d	4.65	84	101953	43.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.28%
26) 1,2-Dichloroethane-d4	5.31	65	67723	43.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.56%
32) Benzene-d6	5.34	84	210973	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.84%
36) 1,2-Dichloropropane-d6	6.33	67	71574	46.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.86%
41) Toluene-d8	7.57	98	190388	44.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.30%
43) trans-1,3-Dichloropropene-	7.85	79	30621	43.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.38%
47) 2-Hexanone-d5	8.31	63	56825	91.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.33%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	89874	43.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.08%
64) 1,2-Dichlorobenzene-d4	11.86	152	70003	45.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.02%

Target Compounds

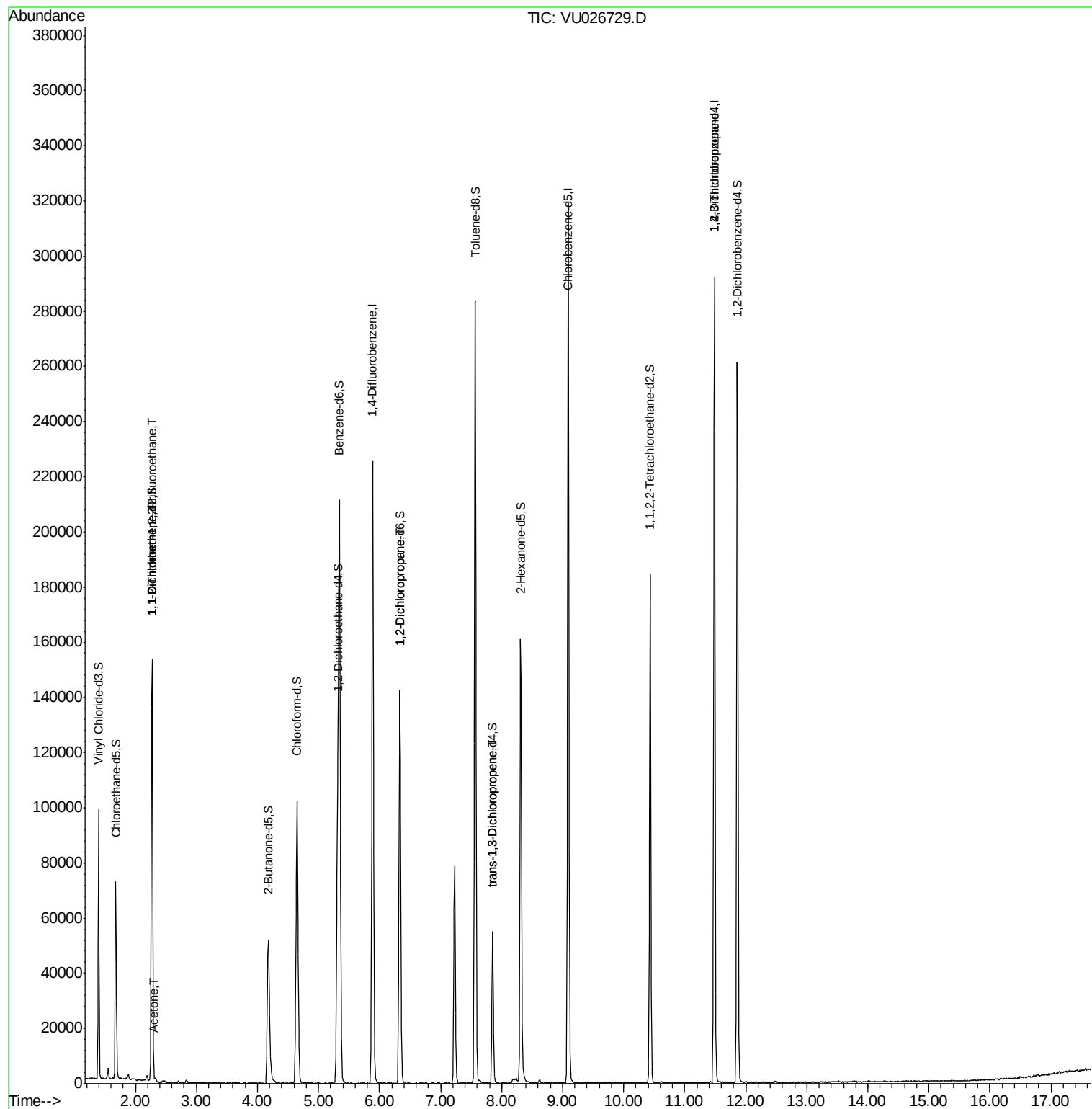
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	858	0.733 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	728	0.647 ug/L #	1
13) Acetone	2.32	43	556	0.552 ug/L	82
37) 1,2-Dichloropropane	6.33	63	7363	5.360 ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	1490	0.788 ug/L	93
59) 1,2,3-Trichloropropane	11.48	75	8836	5.437 ug/L	90

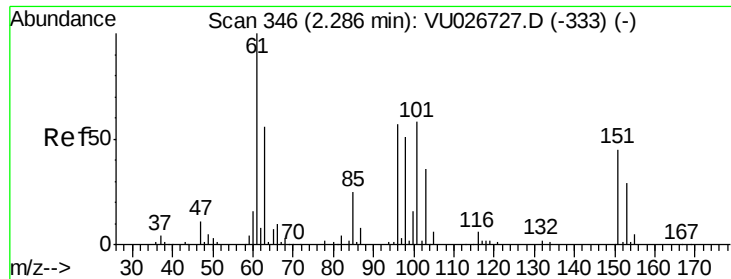
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Sep 14 01:21:50 2018
Response via : Initial Calibration





#10

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

Concen: 0.733 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.02 min

Lab File: VU026729.D

Acq: 13 Sep 2018 16:42

Instrument :

MSVOA_U

ClientSampleId :

C08K0

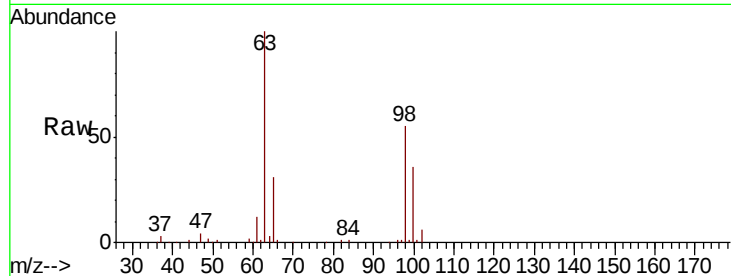
Tgt Ion:101 Resp: 858

Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

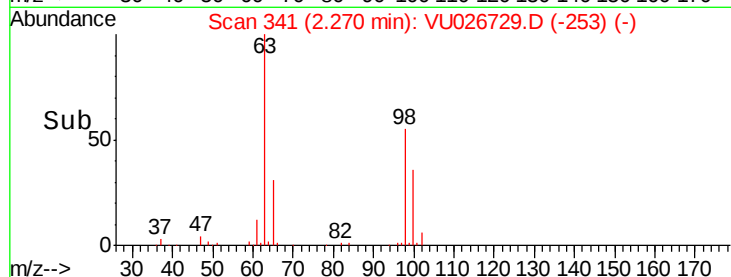
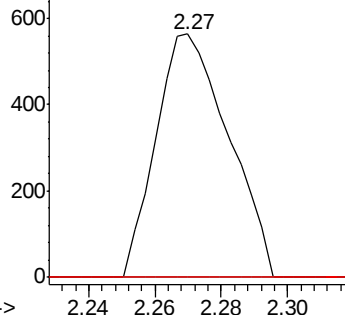
151 0.0 62.6 94.0#



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



#12

1,1-Dichloroethene

Concen: 0.647 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026729.D

Acq: 13 Sep 2018 16:42

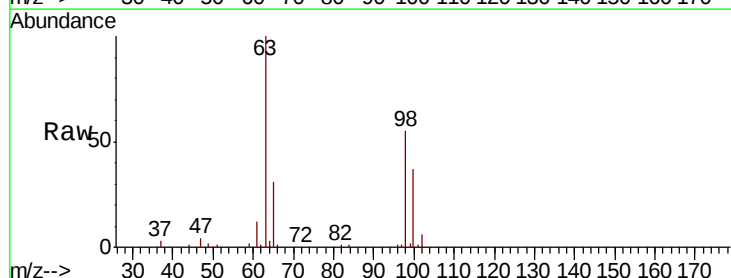
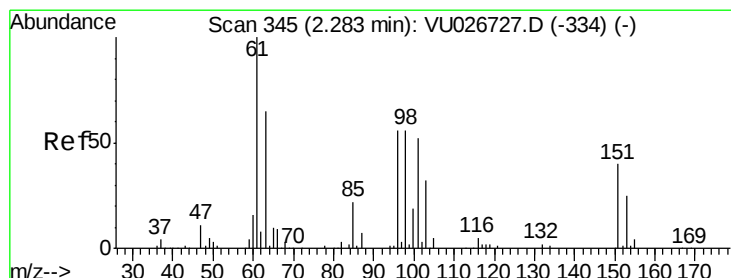
Tgt Ion: 96 Resp: 728

Ion Ratio Lower Upper

96 100

61 1190.1 121.0 224.8#

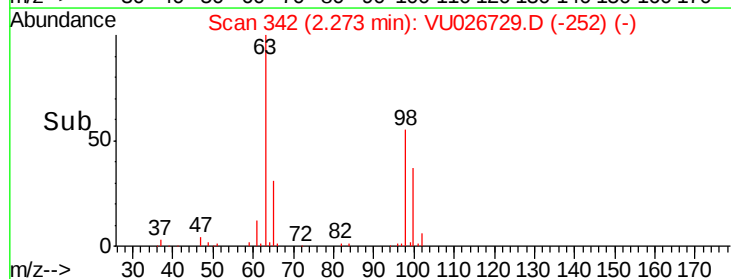
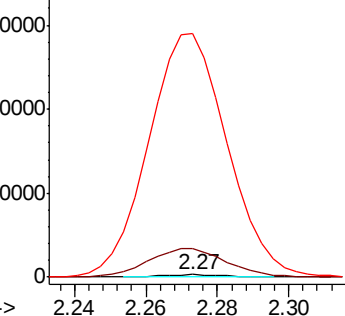
63 10304.8 89.9 166.9#

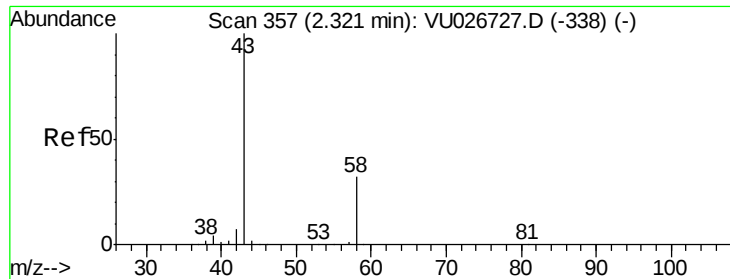


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.552 ug/L

RT: 2.32 min Scan# 356

Delta R.T. -0.00 min

Lab File: VU026729.D

Acq: 13 Sep 2018 16:42

Instrument :

MSVOA_U

ClientSampled :

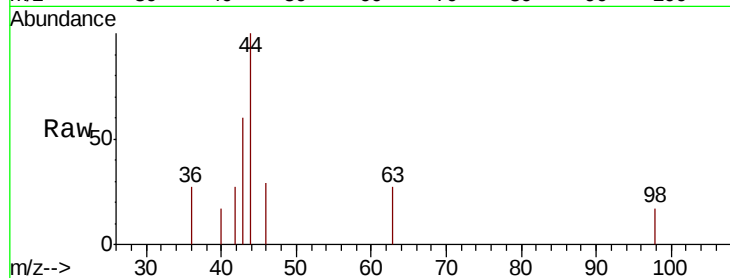
C08K0

Tgt Ion: 43 Resp: 556

Ion Ratio Lower Upper

43 100

58 21.2 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

300

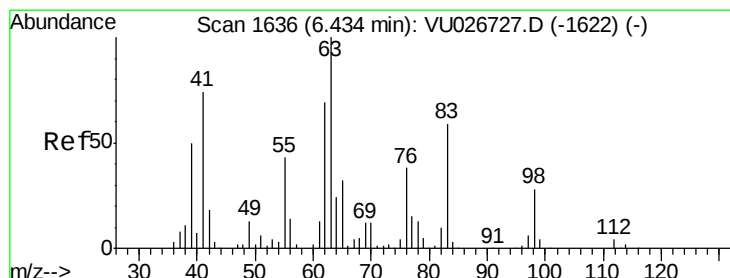
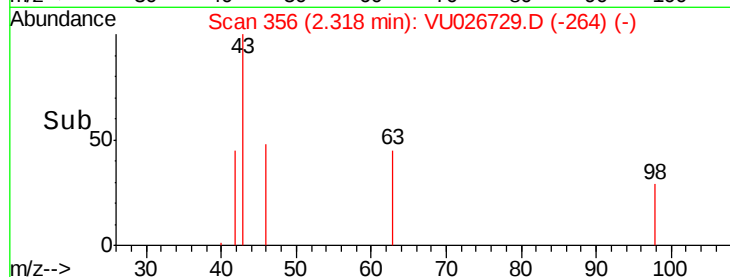
200

100

0

2.28 2.30 2.32 2.34 2.36

Time-->



#37

1,2-Dichloropropane

Concen: 5.360 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.10 min

Lab File: VU026729.D

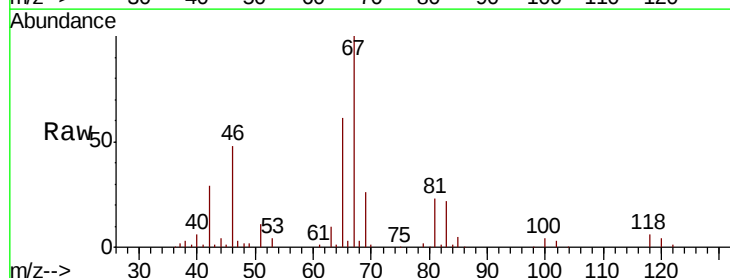
Acq: 13 Sep 2018 16:42

Tgt Ion: 63 Resp: 7363

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

6.33

4000

3000

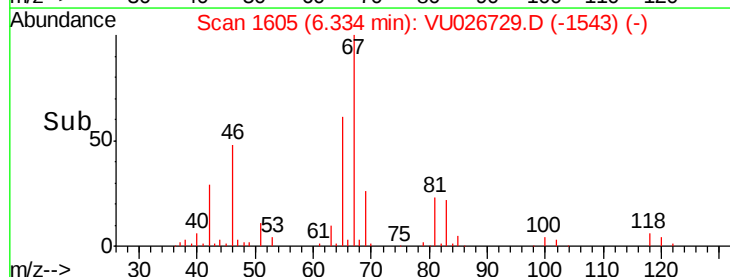
2000

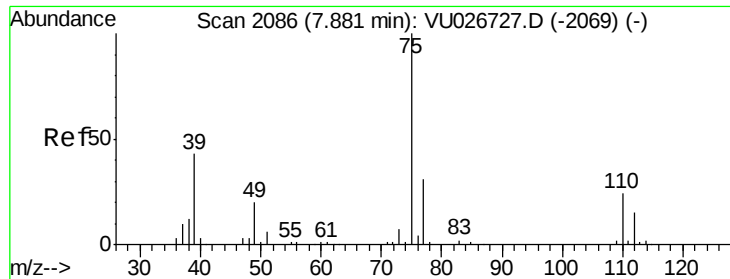
1000

0

6.30 6.35 6.40

Time-->

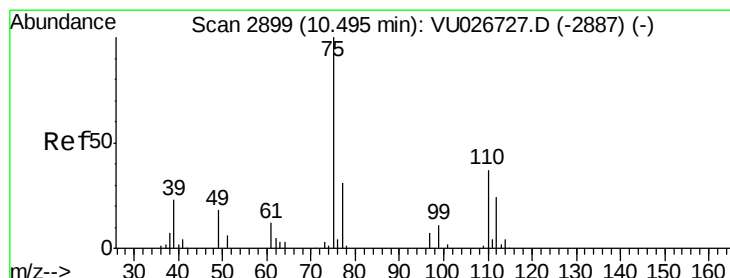
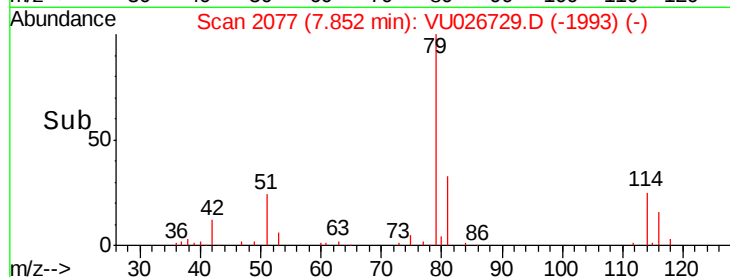
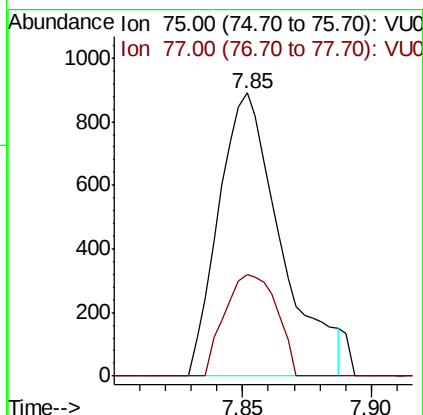
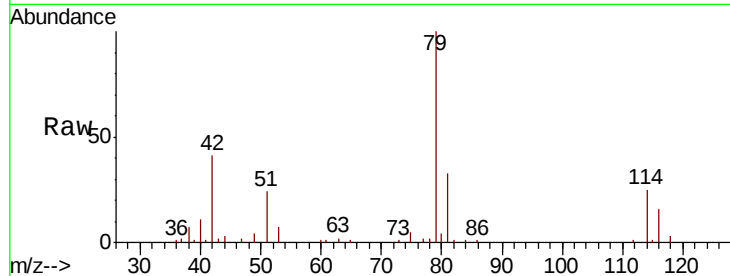




#44
 trans-1,3-Dichloropropene
 Concen: 0.788 ug/L
 RT: 7.85 min Scan# 2077
 Delta R.T. -0.03 min
 Lab File: VU026729.D
 Acq: 13 Sep 2018 16:42

Instrument :
 MSVOA_U
 ClientSampleId :
 C08K0

Tgt Ion: 75 Resp: 1490
 Ion Ratio Lower Upper
 75 100
 77 36.0 22.4 41.6



#59
 1,2,3-Trichloropropane
 Concen: 5.437 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU026729.D
 Acq: 13 Sep 2018 16:42

Tgt Ion: 75 Resp: 8836
 Ion Ratio Lower Upper
 75 100
 77 37.9 25.8 38.6

