

Data File : VU027642.D
Acq On : 12 Oct 2018 22:46
Operator : MD/SY
Sample : J5405-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08Y2

Quant Time: Oct 13 04:11:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 13 04:07:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	175198	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	162487	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	63279	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54097	39.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.48%
7) Chloroethane-d5	1.68	69	45449	42.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.58%
11) 1,1-Dichloroethene-d2	2.27	63	77106	29.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.62%#
21) 2-Butanone-d5	4.18	46	106232	95.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.44%
24) Chloroform-d	4.65	84	99604	45.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.34%
26) 1,2-Dichloroethane-d4	5.31	65	69808	45.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.34%
32) Benzene-d6	5.34	84	198311	42.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.18%
36) 1,2-Dichloropropane-d6	6.33	67	71871	45.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.12%
41) Toluene-d8	7.57	98	158545	38.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.18%#
43) trans-1,3-Dichloropropene-	7.85	79	27983	36.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.82%
47) 2-Hexanone-d5	8.31	63	68122	84.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	93692	44.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	56288	45.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.94%

Target Compounds

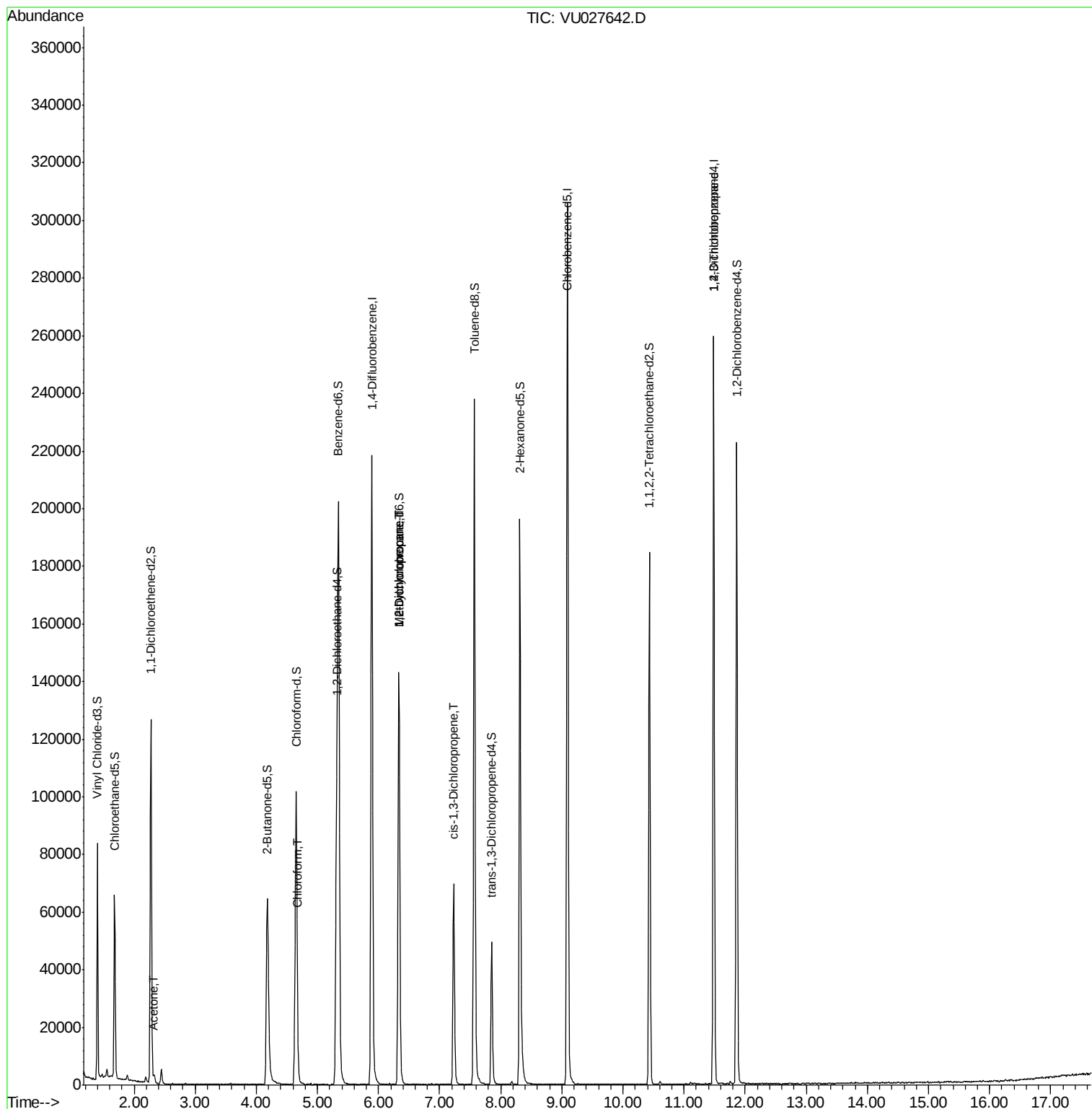
					Qvalue
13) Acetone	2.32	43	2139	2.343 ug/L	96
25) Chloroform	4.68	83	2213	0.885 ug/L	93
35) Methylcyclohexane	6.33	83	15525	6.958 ug/L #	15
37) 1,2-Dichloropropane	6.33	63	7529	4.867 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1527	0.672 ug/L #	74
59) 1,2,3-Trichloropropane	11.48	75	8780	5.013 ug/L	89

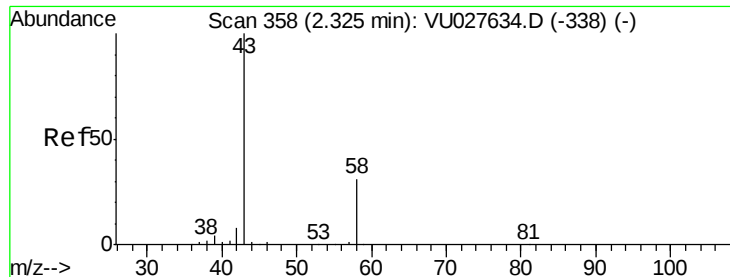
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.343 ug/L

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

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Acq: 12 Oct 2018 22:46

Instrument :

MSVOA_U

ClientSampleId :

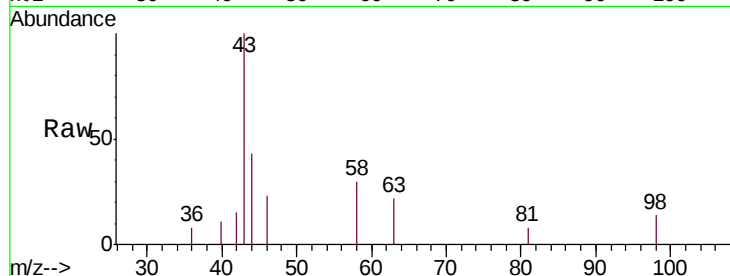
C08Y2

Tgt Ion: 43 Resp: 2139

Ion Ratio Lower Upper

43 100

58 28.4 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU027634.D (-338) (-)

Ion 58.00 (57.70 to 58.70): VU027634.D (-338) (-)

2.32

1500

1000

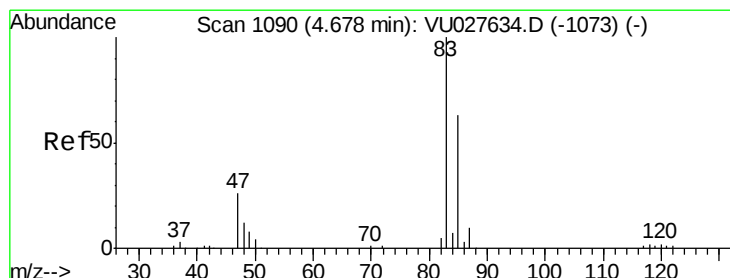
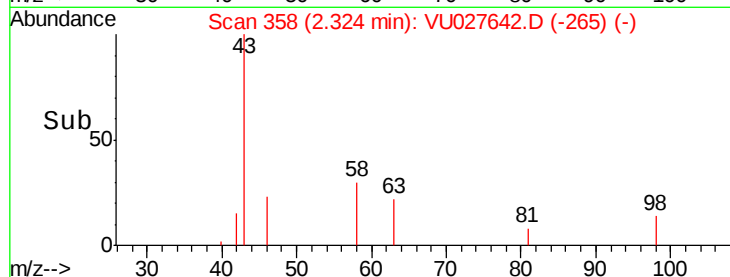
500

0

Time-->

2.30

2.35



#25

Chloroform

Concen: 0.885 ug/L

RT: 4.68 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VU027642.D

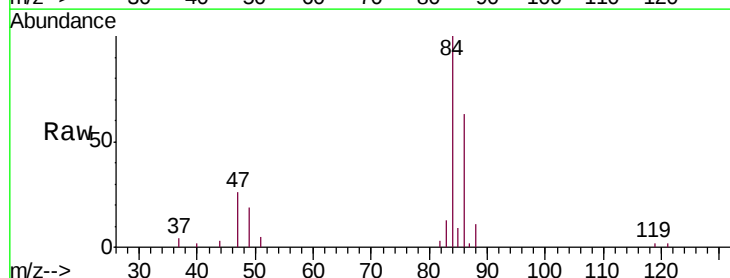
Acq: 12 Oct 2018 22:46

Tgt Ion: 83 Resp: 2213

Ion Ratio Lower Upper

83 100

85 69.6 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VU027634.D (-1073) (-)

Ion 85.00 (84.70 to 85.70): VU027634.D (-1073) (-)

4.68

1000

800

600

400

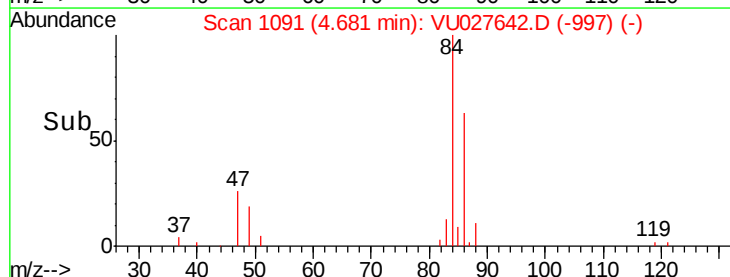
200

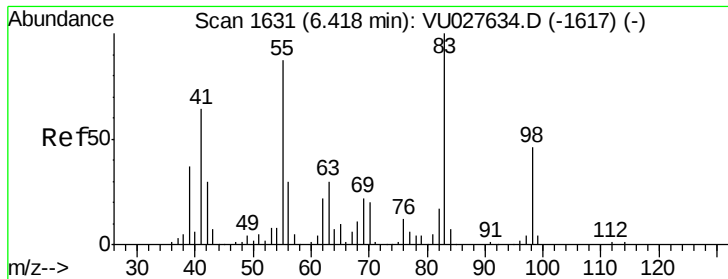
0

Time-->

4.65

4.70

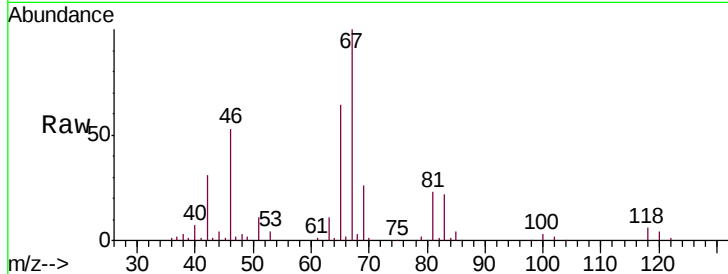




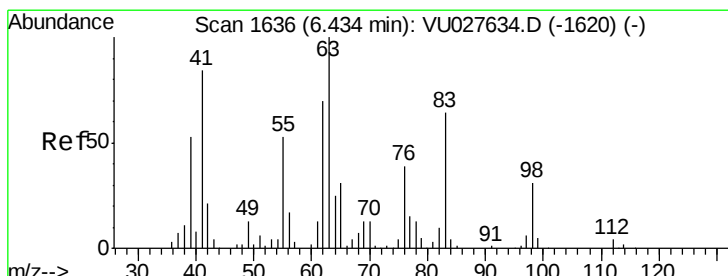
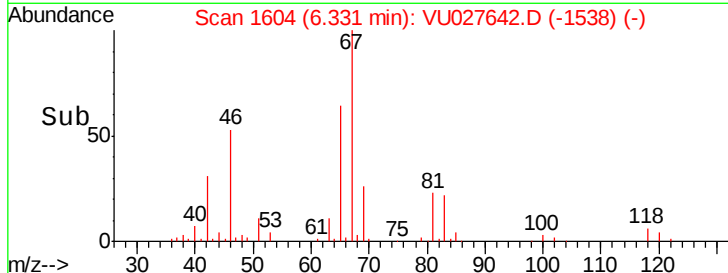
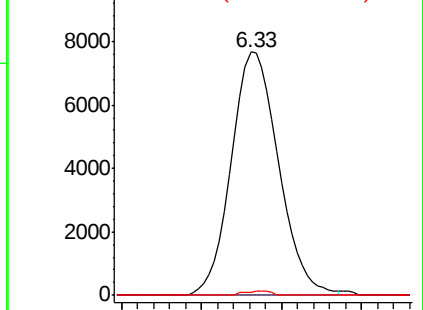
#35
Methylcyclohexane
Concen: 6.958 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.09 min
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MSVOA_U
ClientSampleId :
C08Y2

Tgt Ion: 83 Resp: 15525
Ion Ratio Lower Upper
83 100
55 0.0 69.9 104.9#
98 1.2 37.1 55.7#

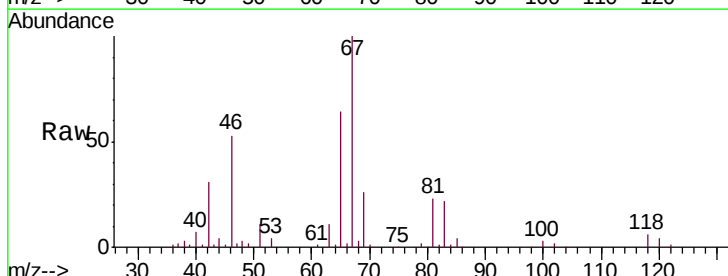


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

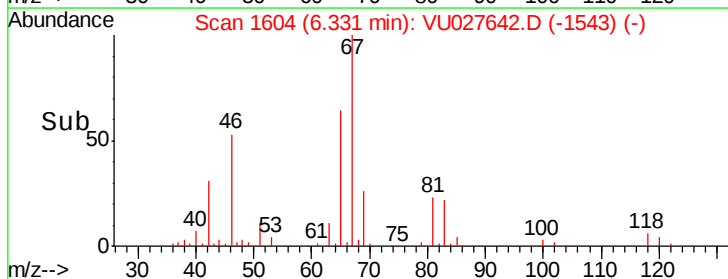
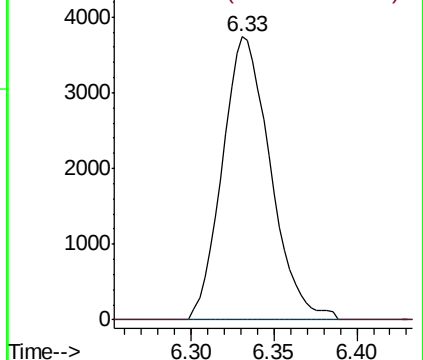


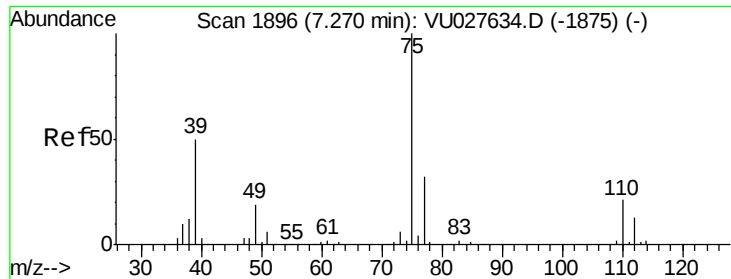
#37
1,2-Dichloropropane
Concen: 4.867 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU027642.D
Acq: 12 Oct 2018 22:46

Tgt Ion: 63 Resp: 7529
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

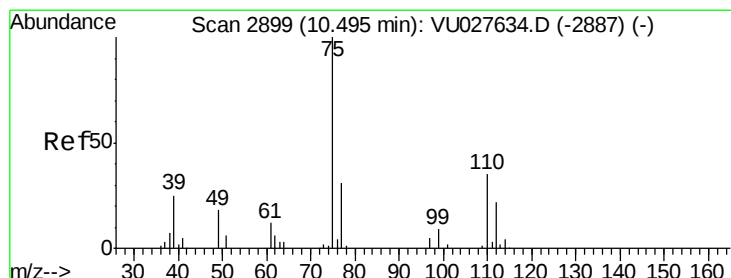
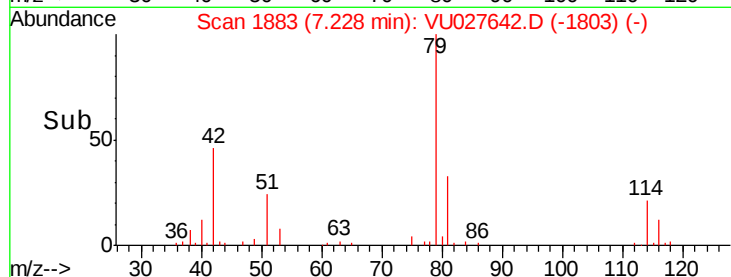
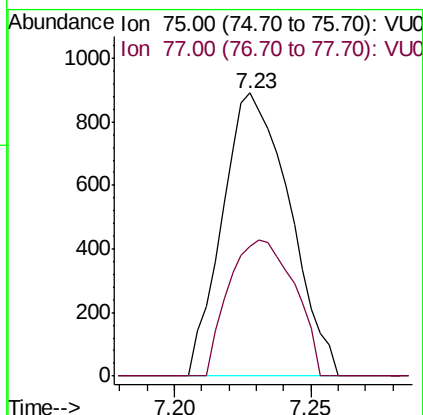
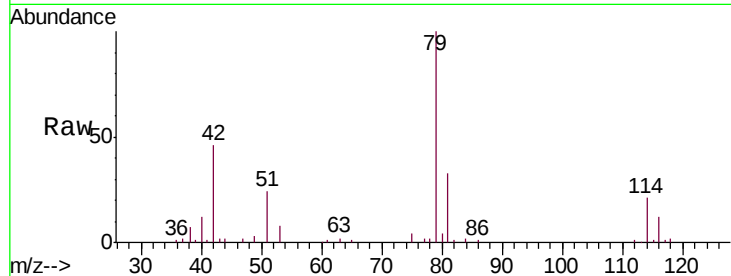




#39
 cis-1,3-Dichloropropene
 Concen: 0.672 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU027642.D
 Acq: 12 Oct 2018 22:46

Instrument :
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 C08Y2

Tgt Ion: 75 Resp: 1527
 Ion Ratio Lower Upper
 75 100
 77 45.8 22.1 41.1#



#59
 1,2,3-Trichloropropane
 Concen: 5.013 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU027642.D
 Acq: 12 Oct 2018 22:46

Tgt Ion: 75 Resp: 8780
 Ion Ratio Lower Upper
 75 100
 77 38.3 25.7 38.5

