

Data File : VU036772.D
Acq On : 13 Feb 2020 15:18
Operator : JC/MD
Sample : L1487-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCX1

Quant Time: Feb 14 00:20:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 14 00:15:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	128805	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	119503	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	51647	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	44787	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.93	69	41748	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.59	63	64346	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.67	46	119163	51.30	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.60%
24) Chloroform-d	5.11	84	80774	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.74	65	46294	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.76	84	176315	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.73	67	55775	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.92	98	162348	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	8.21	79	20219	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.66	63	100336	49.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.04%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	42355	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	51644	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

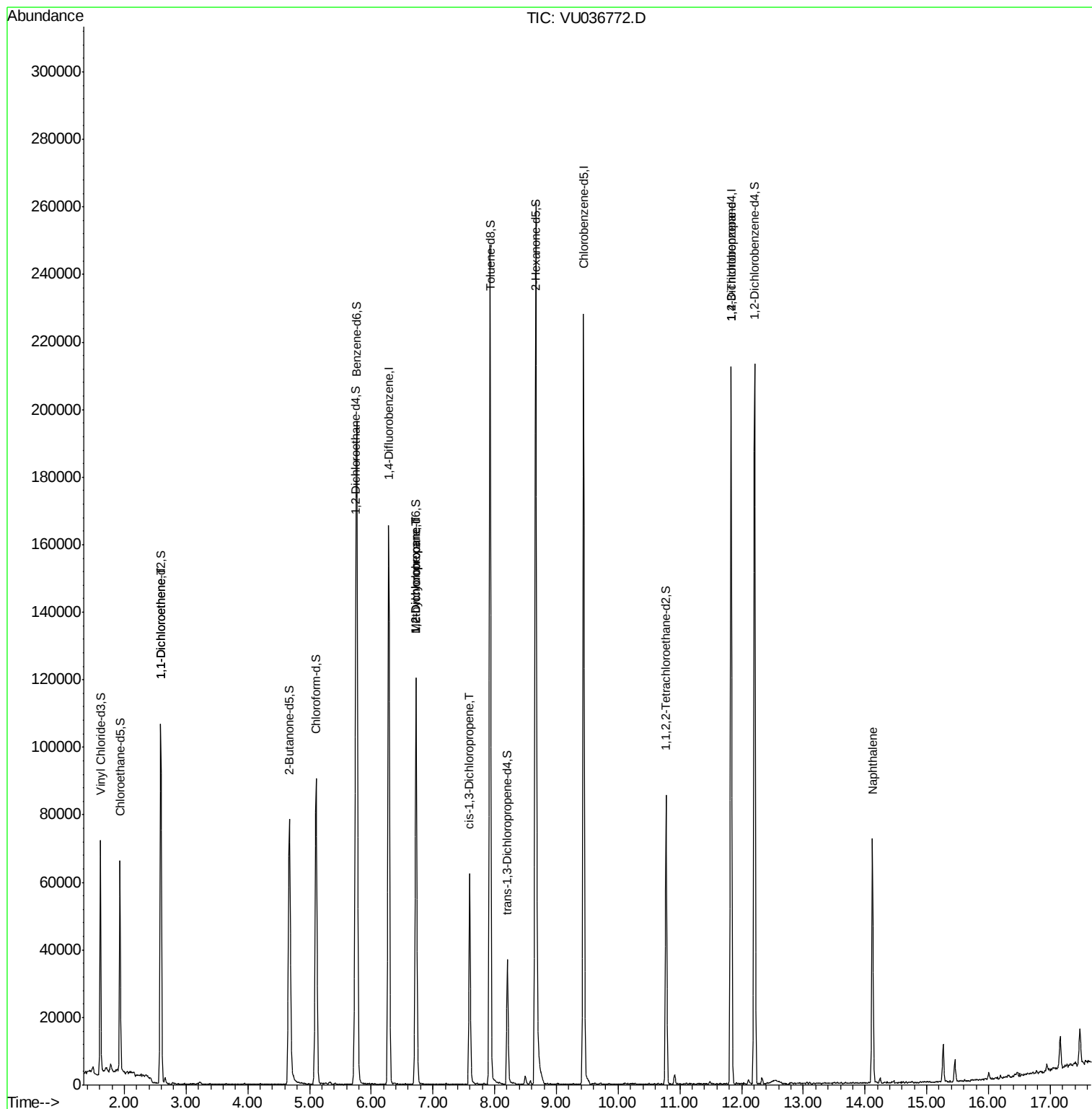
					Qvalue	
12) 1,1-Dichloroethene	2.59	96	535	0.068	ug/L #	1
35) Methylcyclohexane	6.73	83	12311	0.826	ug/L #	20
37) 1,2-Dichloropropane	6.72	63	6059	0.602	ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	1591	0.109	ug/L #	62
59) 1,2,3-Trichloropropane	11.83	75	8282	1.246	ug/L	98
69) Naphthalene	14.12	128	58336	3.408	ug/L	98

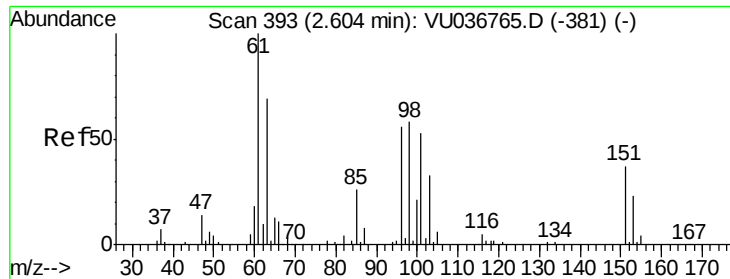
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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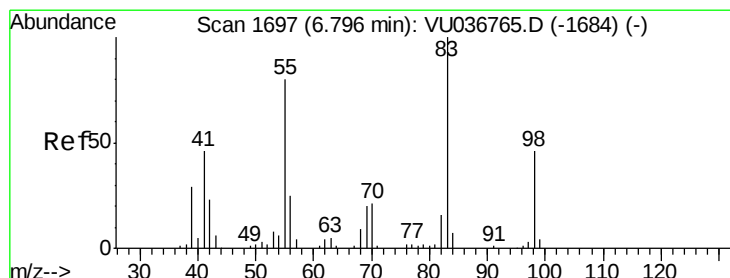
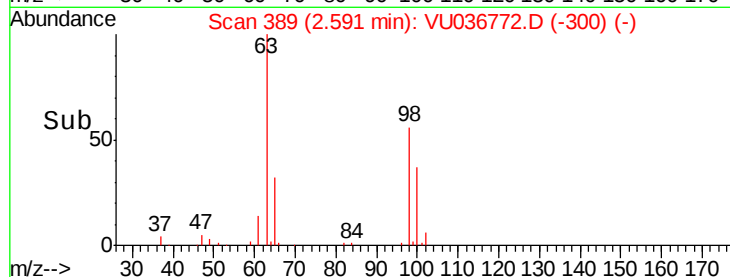
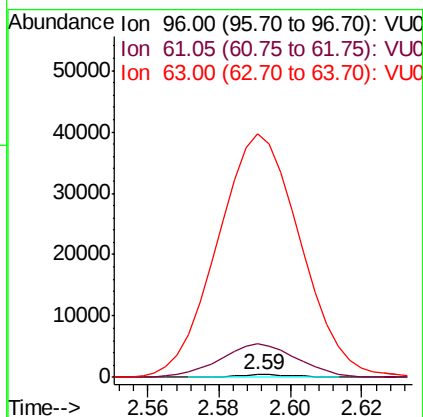
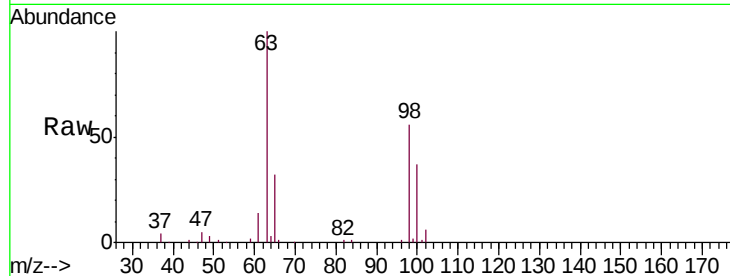




#12
 1,1-Dichloroethene
 Concen: 0.068 ug/L
 RT: 2.59 min Scan# 389
 Delta R.T. -0.01 min
 Lab File: VU036772.D
 Acq: 13 Feb 2020 15:18

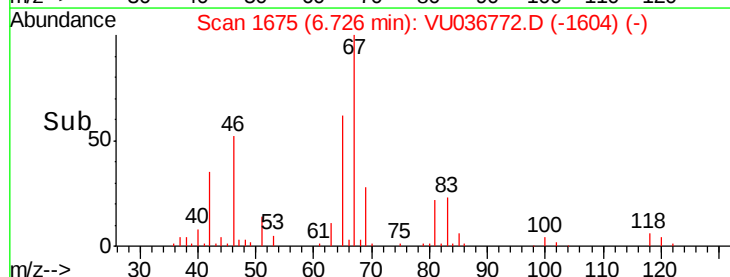
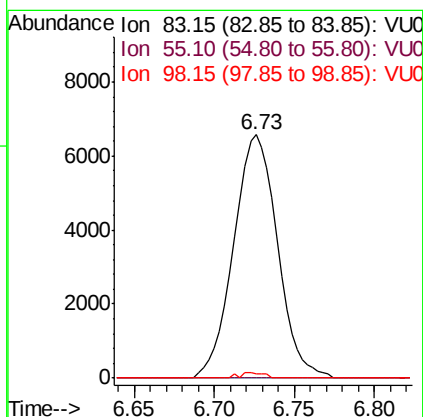
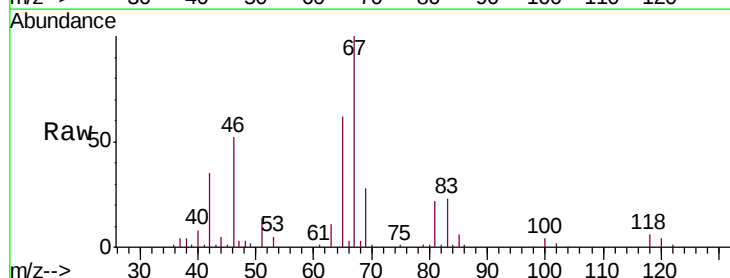
Instrument :
 MSVOA_U
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 DBCX1

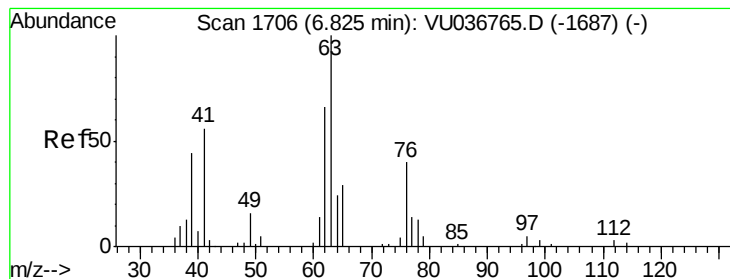
Tgt Ion: 96 Resp: 535
 Ion Ratio Lower Upper
 96 100
 61 1301.2 126.4 234.8#
 63 9515.6 89.5 166.3#



#35
 Methylcyclohexane
 Concen: 0.826 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.07 min
 Lab File: VU036772.D
 Acq: 13 Feb 2020 15:18

Tgt Ion: 83 Resp: 12311
 Ion Ratio Lower Upper
 83 100
 55 0.0 61.0 91.4#
 98 1.2 34.2 51.4#





#37

1,2-Dichloropropane

Concen: 0.602 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU036772.D

Acq: 13 Feb 2020 15:18

Instrument :

MSVOA_U

ClientSampleId :

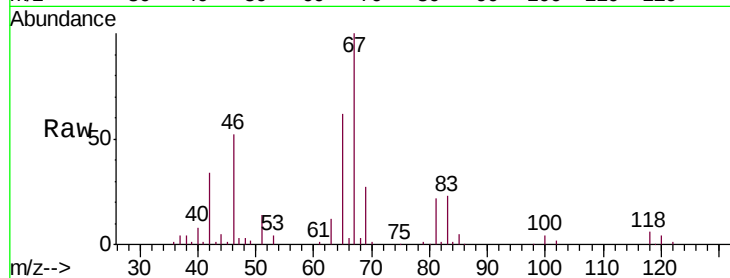
DBCX1

Tgt Ion: 63 Resp: 6059

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU036772.D (-1613) (-)

Ion 112.10 (111.80 to 112.80): VU036772.D (-1613) (-)

6.72

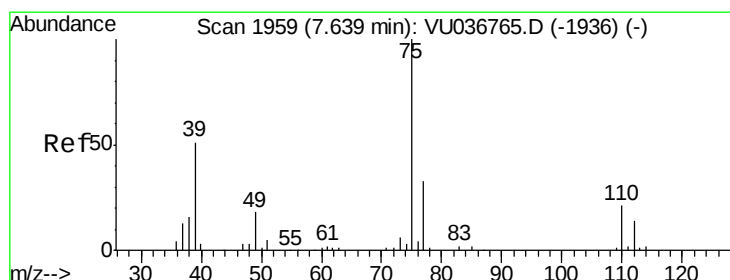
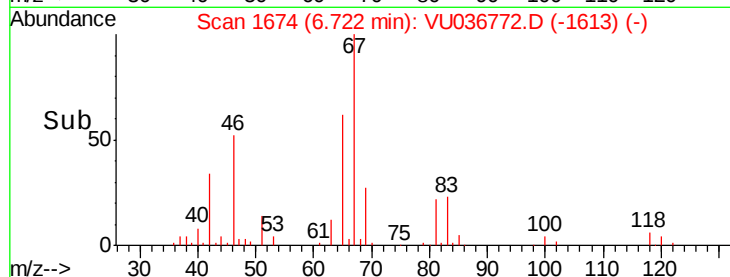
3000

2000

1000

0

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.05 min

Lab File: VU036772.D

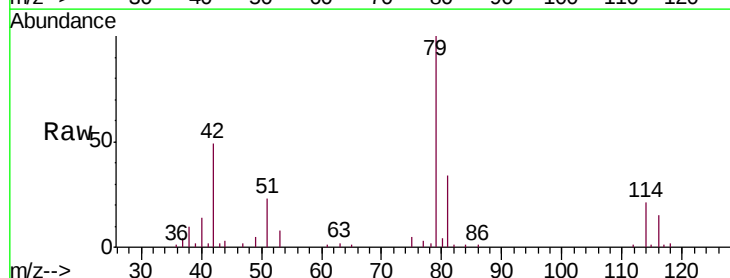
Acq: 13 Feb 2020 15:18

Tgt Ion: 75 Resp: 1591

Ion Ratio Lower Upper

75 100

77 53.3 22.5 41.9#



Abundance Ion 75.05 (74.75 to 75.75): VU036772.D (-1866) (-)

Ion 77.05 (76.75 to 77.75): VU036772.D (-1866) (-)

7.59

1000

800

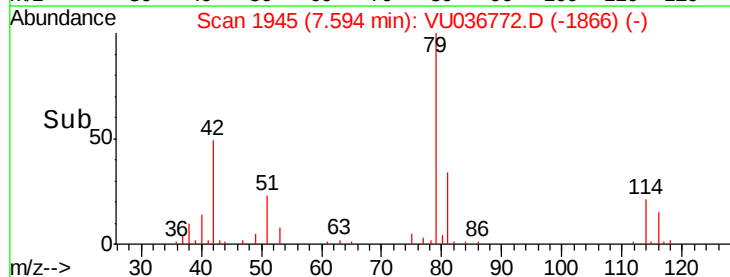
600

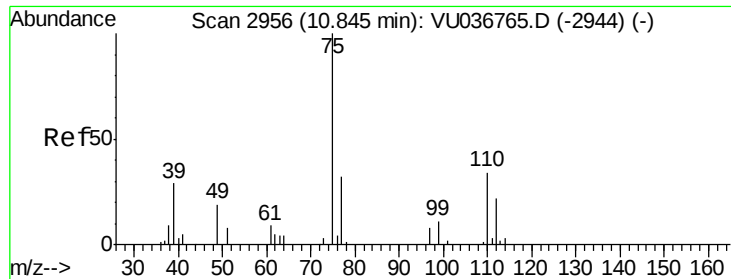
400

200

0

Time-->

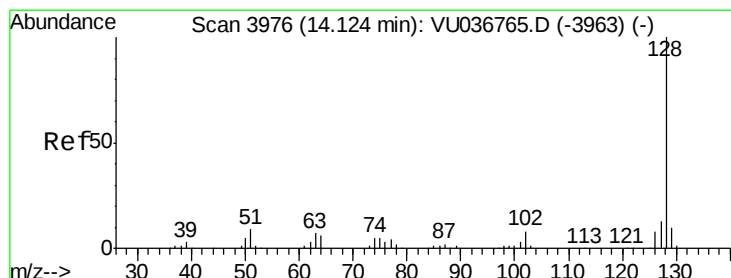
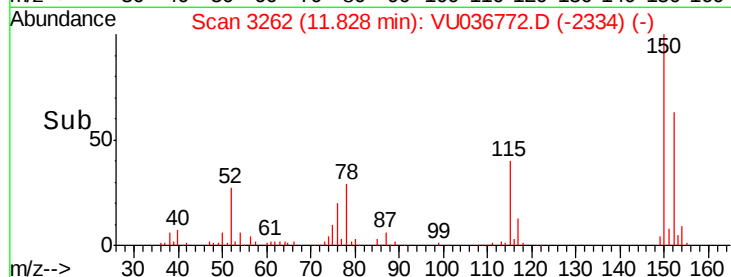
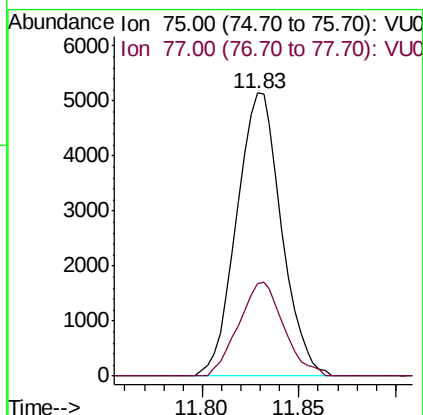
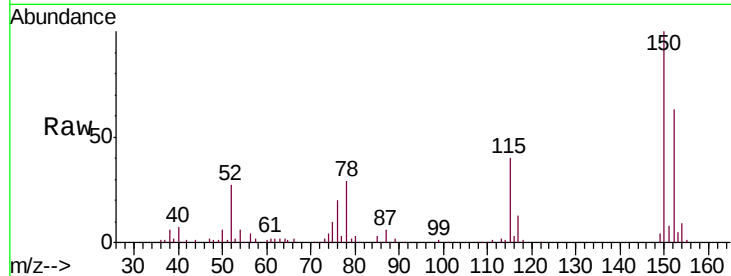




#59
 1,2,3-Trichloropropane
 Concen: 1.246 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU036772.D
 Acq: 13 Feb 2020 15:18

Instrument :
 MSVOA_U
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 DBCX1

Tgt Ion: 75 Resp: 8282
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.6 38.4



#69
 Naphthalene
 Concen: 3.408 ug/L
 RT: 14.12 min Scan# 3975
 Delta R.T. -0.00 min
 Lab File: VU036772.D
 Acq: 13 Feb 2020 15:18

Tgt Ion: 128 Resp: 58336
 Ion Ratio Lower Upper
 128 100
 129 10.5 9.0 13.4
 127 12.4 10.8 16.2

