

Data File : VU036853.D
Acq On : 19 Feb 2020 17:41
Operator : JC/MD
Sample : L1580-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBDK0

Quant Time: Feb 20 04:50:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 20 04:46:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	138511	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	127742	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	58325	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	49717	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.93	69	45287	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.59	63	65024	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.67	46	115491	46.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.46%
24) Chloroform-d	5.11	84	78390	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.74	65	45551	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.76	84	176832	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.73	67	56285	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.92	98	163102	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	8.20	79	20053	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.66	63	99921	45.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.34%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	40600	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	52506	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

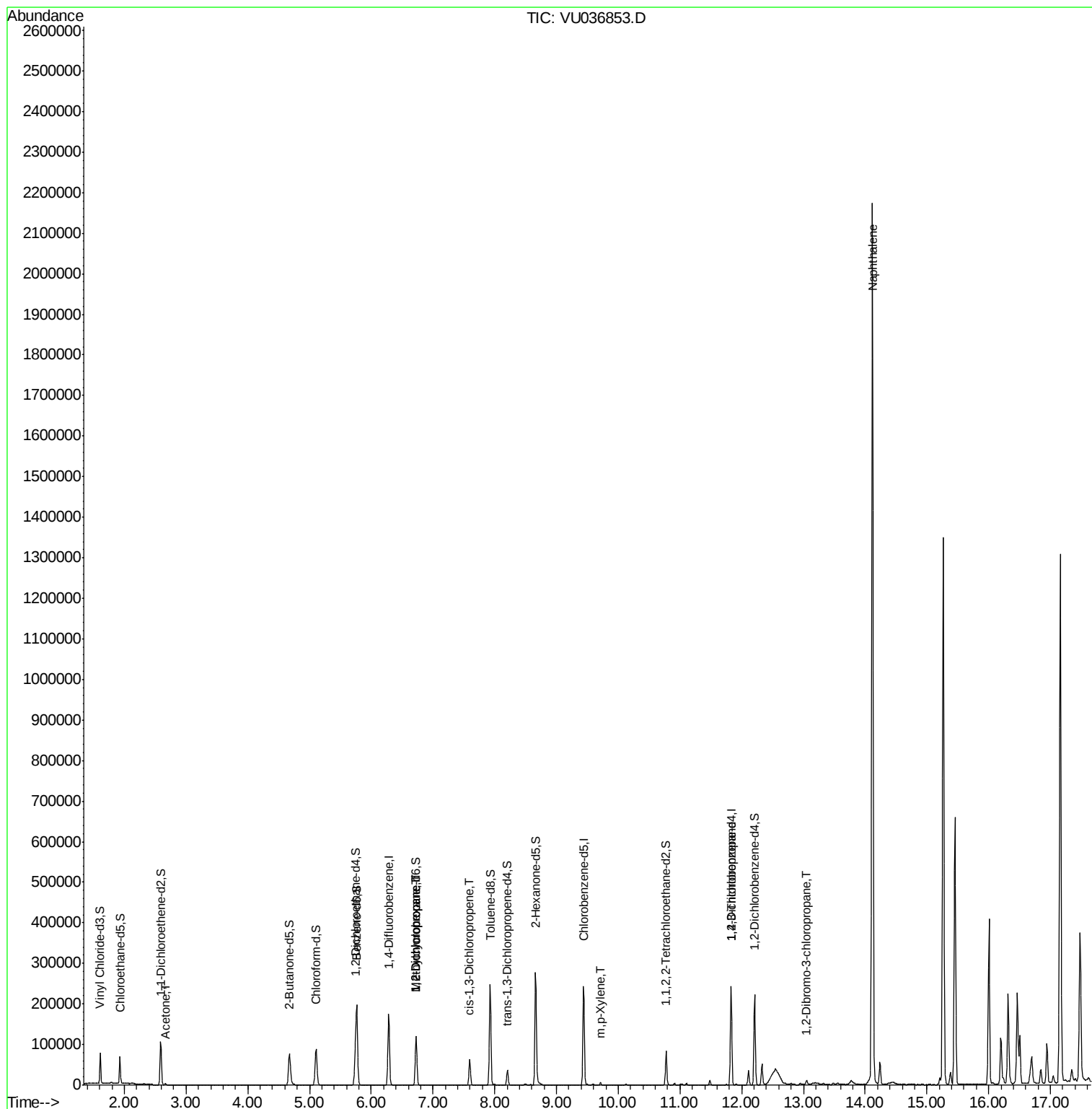
					Qvalue
13) Acetone	2.66	43	2866	0.897 ug/L	90
35) Methylcyclohexane	6.73	83	12490	0.784 ug/L #	20
37) 1,2-Dichloropropane	6.73	63	6481	0.602 ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	1526	0.098 ug/L #	39
53) m,p-Xylene	9.71	106	1587	0.091 ug/L	93
59) 1,2,3-Trichloropropane	11.83	75	8583	1.208 ug/L	89
66) 1,2-Dibromo-3-chloropropan	13.06	75	238	0.165 ug/L #	11
69) Naphthalene	14.12	128	1645744	85.149 ug/L	100

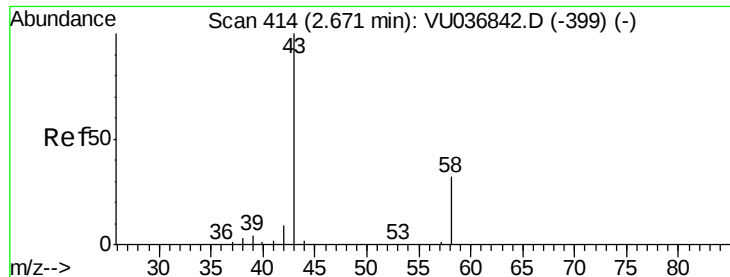
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.897 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU036853.D

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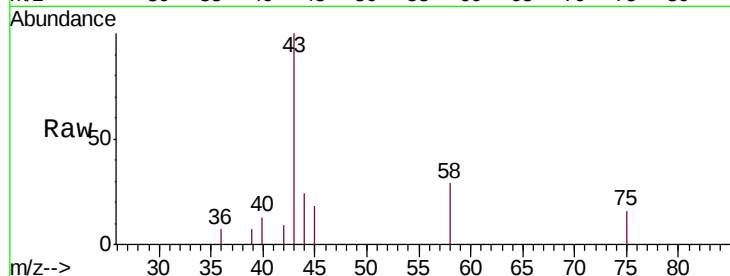
Instrument :
MSVOA_U
ClientSampleId :
DBDK0

Tgt Ion: 43 Resp: 2866

Ion Ratio Lower Upper

43 100

58 26.3 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036853.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU036853.D (-321) (-)

2.66

1500

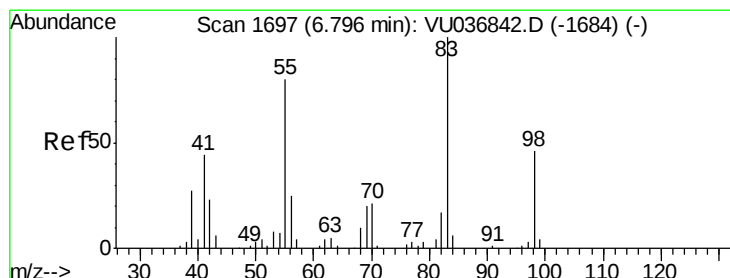
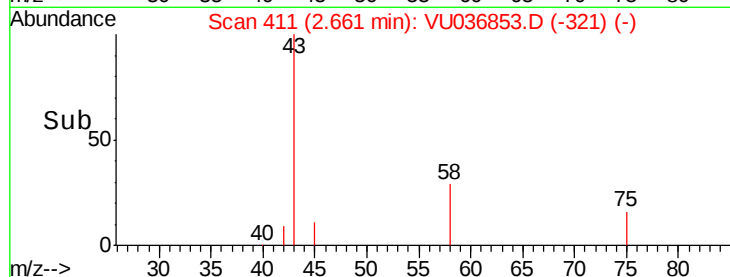
1000

500

0

Time-->

2.60 2.65 2.70



#35

Methylcyclohexane

Concen: 0.784 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.07 min

Lab File: VU036853.D

Acq: 19 Feb 2020 17:41

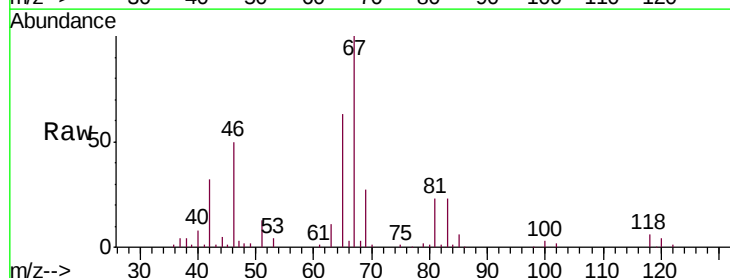
Tgt Ion: 83 Resp: 12490

Ion Ratio Lower Upper

83 100

55 0.0 61.0 91.4#

98 1.0 34.2 51.4#



Abundance Ion 83.15 (82.85 to 83.85): VU036853.D (-1604) (-)

Ion 55.10 (54.80 to 55.80): VU036853.D (-1604) (-)

Ion 98.15 (97.85 to 98.85): VU036853.D (-1604) (-)

6.73

8000

6000

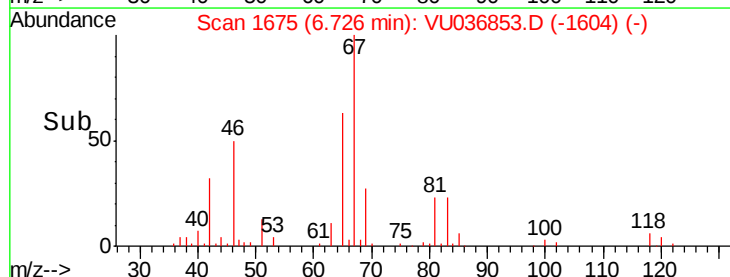
4000

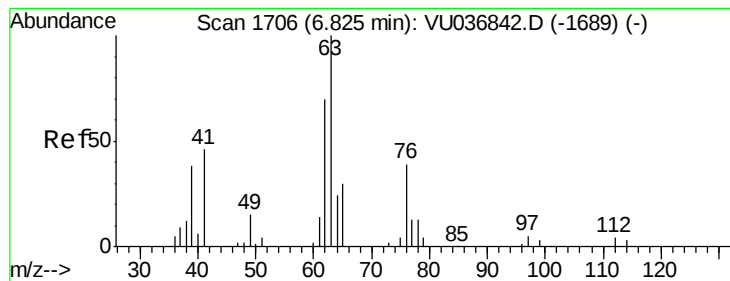
2000

0

Time-->

6.65 6.70 6.75 6.80





#37

1,2-Dichloropropane

Concen: 0.602 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU036853.D

Acq: 19 Feb 2020 17:41

Instrument :

MSVOA_U

ClientSampleId :

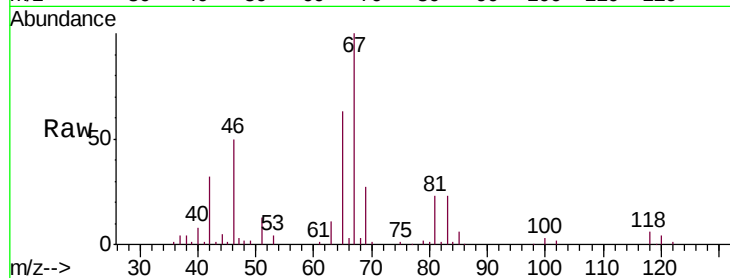
DBDK0

Tgt Ion: 63 Resp: 6481

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU036853.D (-1675) (-)

Ion 112.10 (111.80 to 112.80): VU036853.D (-1675) (-)

6.73

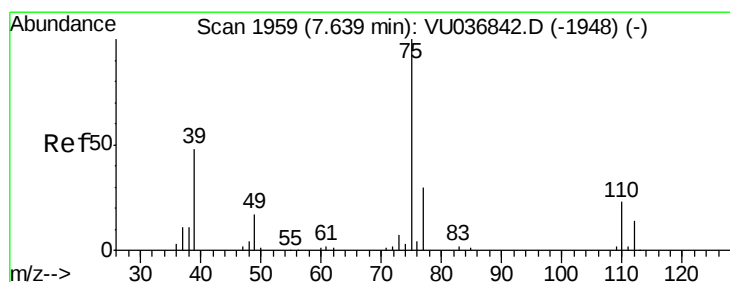
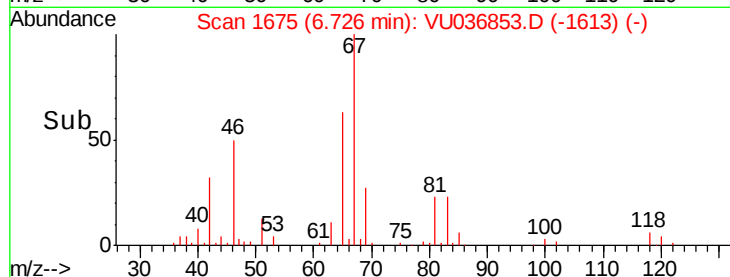
3000

2000

1000

0

Time--> 6.65 6.70 6.75



#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.60 min Scan# 1946

Delta R.T. -0.04 min

Lab File: VU036853.D

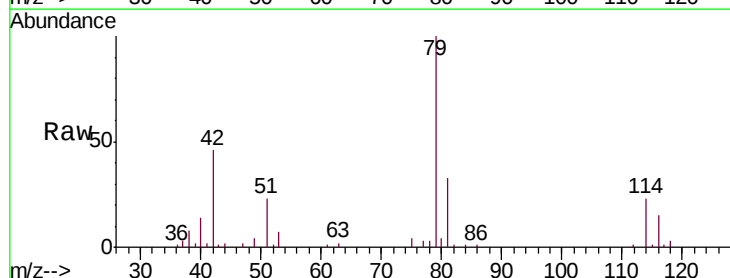
Acq: 19 Feb 2020 17:41

Tgt Ion: 75 Resp: 1526

Ion Ratio Lower Upper

75 100

77 66.2 22.5 41.9#



Abundance Ion 75.05 (74.75 to 75.75): VU036853.D (-1866) (-)

Ion 77.05 (76.75 to 77.75): VU036853.D (-1866) (-)

7.60

1000

800

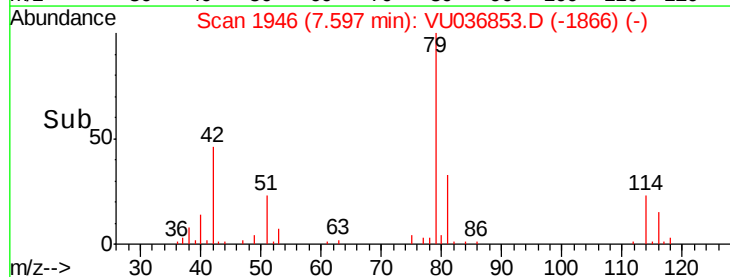
600

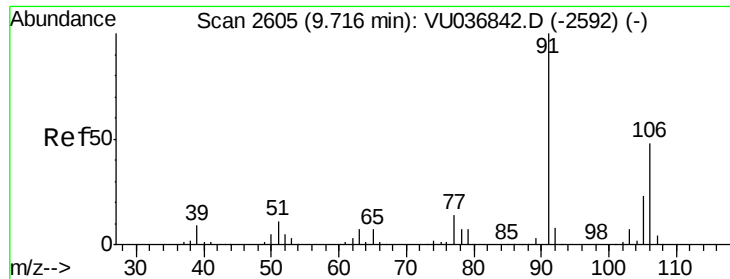
400

200

0

Time--> 7.55 7.60





#53

m,p-Xylene

Concen: 0.091 ug/L

RT: 9.71 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VU036853.D

Acq: 19 Feb 2020 17:41

Instrument :

MSVOA_U

ClientSampleId :

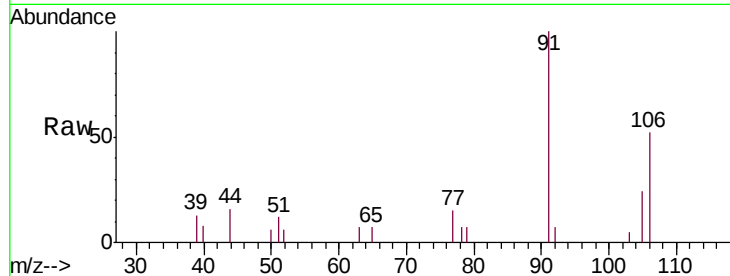
DBDK0

Tgt Ion:106 Resp: 1587

Ion Ratio Lower Upper

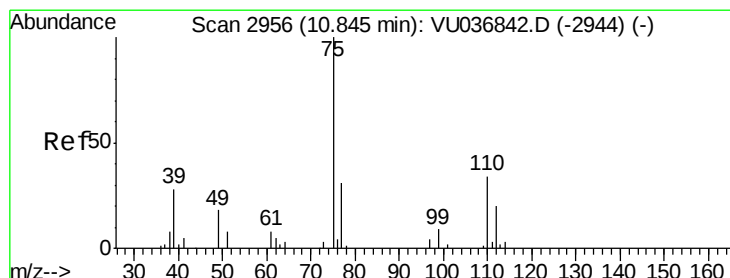
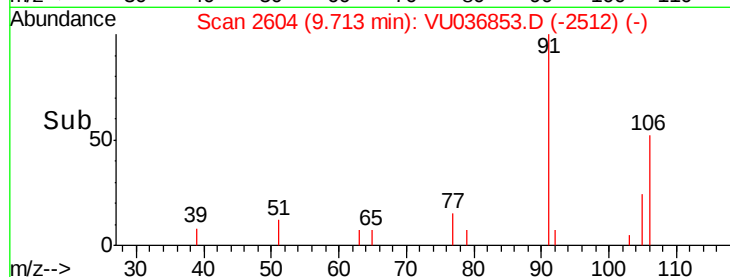
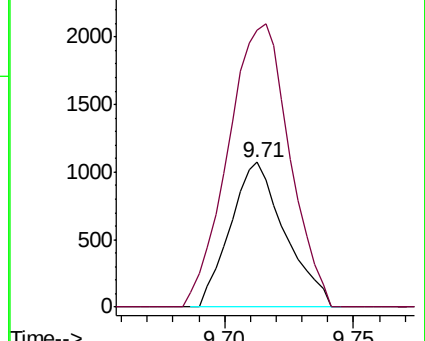
106 100

91 191.6 141.1 262.0



Abundance Ion 106.15 (105.85 to 106.85): VU036842.D (-2592) (-)

Ion 91.15 (90.85 to 91.85): VU036842.D (-2592) (-)



#59

1,2,3-Trichloropropane

Concen: 1.208 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036853.D

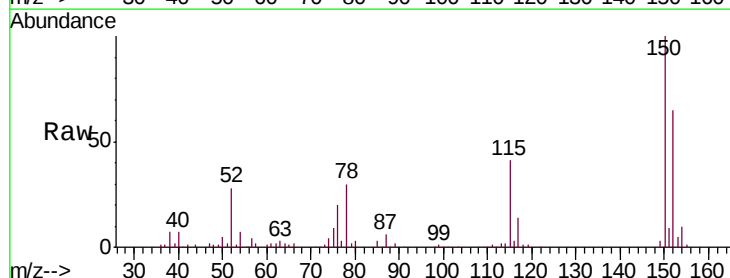
Acq: 19 Feb 2020 17:41

Tgt Ion: 75 Resp: 8583

Ion Ratio Lower Upper

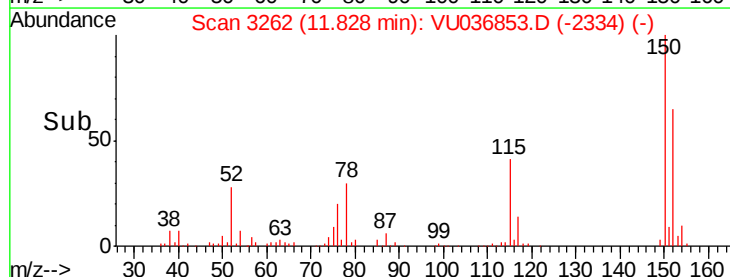
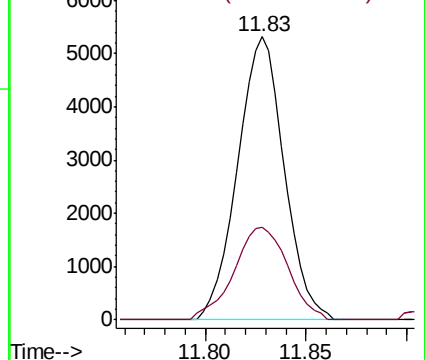
75 100

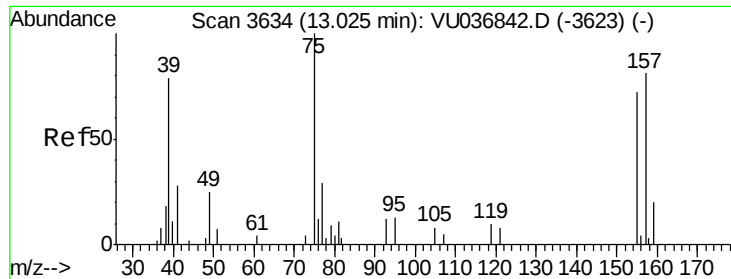
77 38.0 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU036842.D (-2944) (-)

Ion 77.00 (76.70 to 77.70): VU036842.D (-2944) (-)

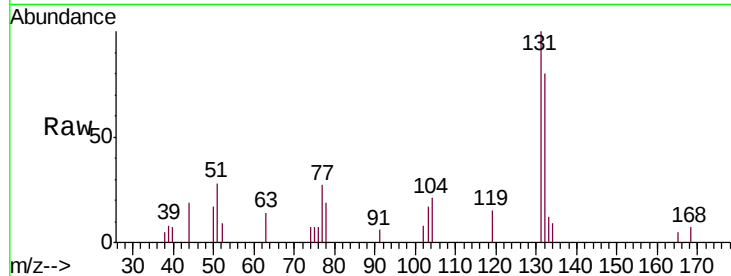




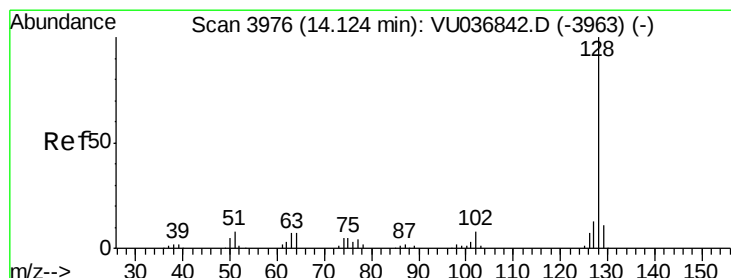
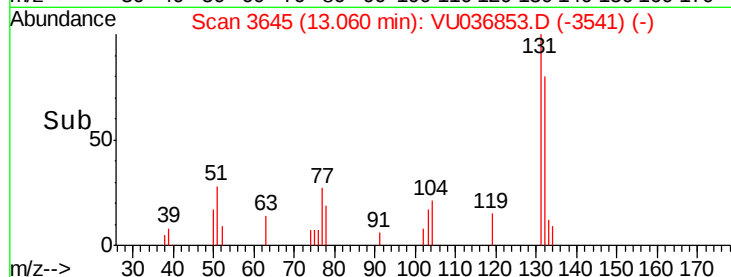
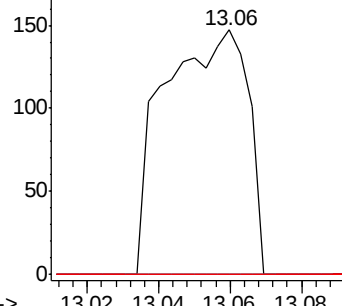
#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.165 ug/L
 RT: 13.06 min Scan# 3645
 Delta R.T. 0.04 min
 Lab File: VU036853.D
 Acq: 19 Feb 2020 17:41

Instrument :
 MSVOA_U
 ClientSampleId :
 DBDK0

Tgt Ion: 75 Resp: 238
 Ion Ratio Lower Upper
 75 100
 155 0.0 52.9 79.3#
 157 0.0 69.2 103.8#

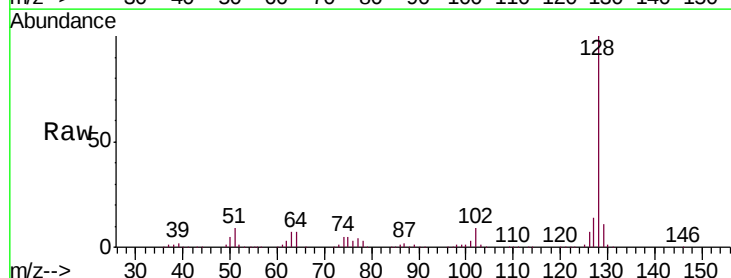


Abundance Ion 75.05 (74.75 to 75.75): VU036842.D (-3623) (-)
 Ion 154.95 (154.65 to 155.65): VU036842.D (-3623) (-)
 Ion 156.90 (156.60 to 157.60): VU036842.D (-3623) (-)



#69
 Naphthalene
 Concen: 85.149 ug/L
 RT: 14.12 min Scan# 3974
 Delta R.T. -0.01 min
 Lab File: VU036853.D
 Acq: 19 Feb 2020 17:41

Tgt Ion: 128 Resp: 1645744
 Ion Ratio Lower Upper
 128 100
 129 10.8 9.0 13.4
 127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): VU036842.D (-3963) (-)
 Ion 129.00 (128.70 to 129.70): VU036842.D (-3963) (-)
 Ion 127.00 (126.70 to 127.70): VU036842.D (-3963) (-)

