

Data File : VU036754.D
Acq On : 12 Feb 2020 16:47
Operator : JC/MD
Sample : L1487-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCT8

Quant Time: Feb 13 01:04:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 13 00:59:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	126965	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	118851	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	59722	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	47757	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.93	69	42905	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.59	63	65749	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	4.67	46	114199	49.87	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.74%
24) Chloroform-d	5.11	84	76857	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.74	65	46018	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.76	84	176113	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.73	67	56011	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.92	98	163488	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	8.20	79	20918	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.66	63	107515	52.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.62%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	43365	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	55462	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

						Qvalue
3) Chloromethane	1.54	50	959	0.110	ug/L #	81
8) Chloroethane	2.11	64	868	0.122	ug/L #	53
12) 1,1-Dichloroethene	2.59	96	485	0.063	ug/L #	1
13) Acetone	2.66	43	8271	2.825	ug/L	100
14) Carbon disulfide	2.82	76	1887	0.101	ug/L #	93
15) Methyl Acetate	2.79	43	886	0.228	ug/L #	52
25) Chloroform	5.13	83	4339	0.243	ug/L	98
35) Methylcyclohexane	6.73	83	12282	0.829	ug/L #	20
37) 1,2-Dichloropropane	6.73	63	5779	0.577	ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	1583	0.109	ug/L #	81
42) Toluene	8.00	91	90607	2.301	ug/L	96
52) Ethylbenzene	9.59	91	642209	14.604	ug/L	99
53) m,p-Xylene	9.71	106	596540	36.862	ug/L	95
54) o-Xylene	10.12	106	254101	15.989	ug/L	95
55) Styrene	10.12	104	15722	0.587	ug/L #	1
56) Isopropylbenzene	10.50	105	67361	1.584	ug/L	99
59) 1,2,3-Trichloropropane	11.01	75	7885	1.193	ug/L #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021220\
Quantitation Report (Not Reviewed)

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Response via : Initial Calibration

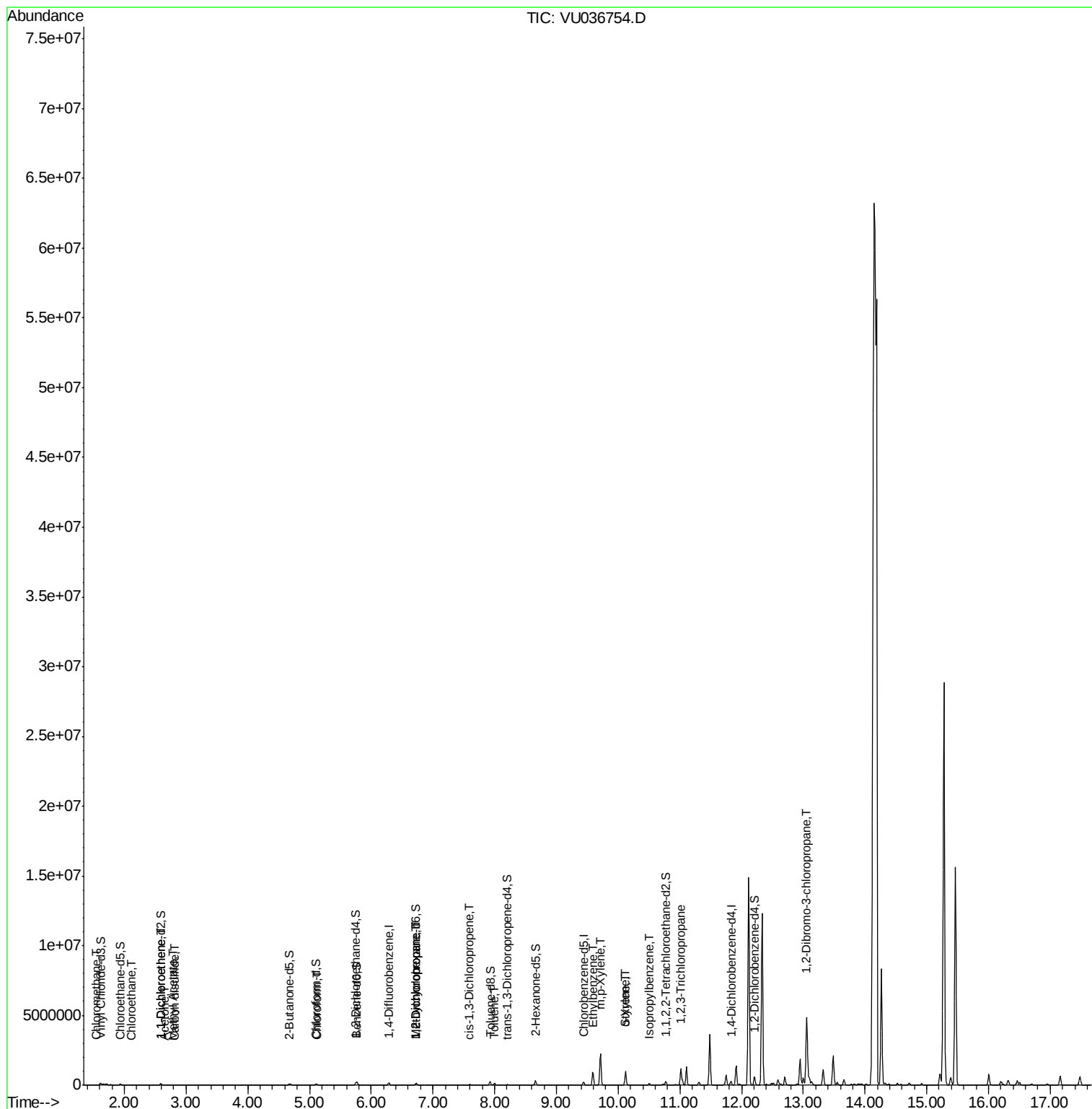
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 1,2-Dibromo-3-chloropropan	13.06	75	108476	73.279	ug/L #	11

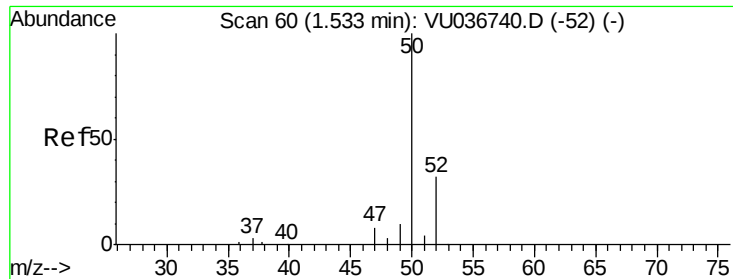
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.110 ug/L

RT: 1.54 min Scan# 62

Delta R.T. 0.01 min

Lab File: VU036754.D

Acq: 12 Feb 2020 16:47

Instrument :

MSVOA_U

ClientSampleId :

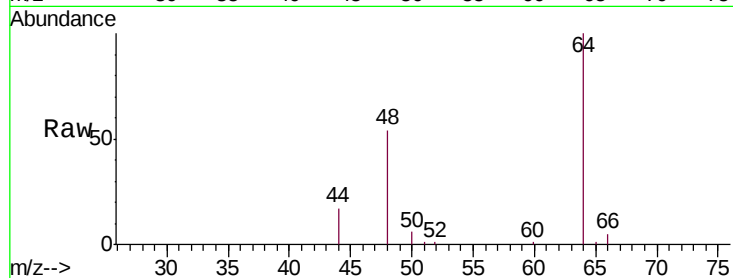
DBCT8

Tgt Ion: 50 Resp: 959

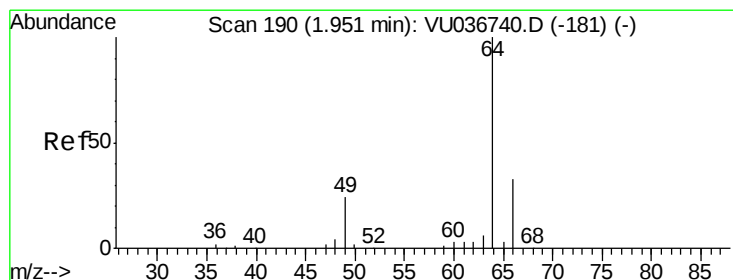
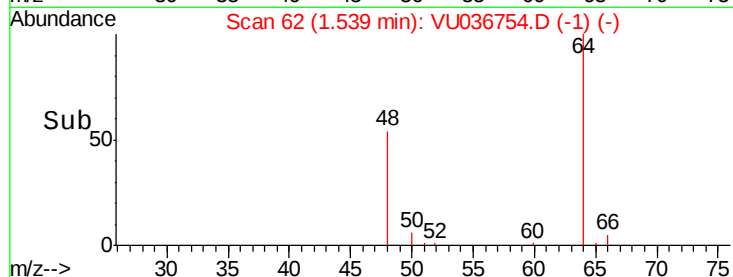
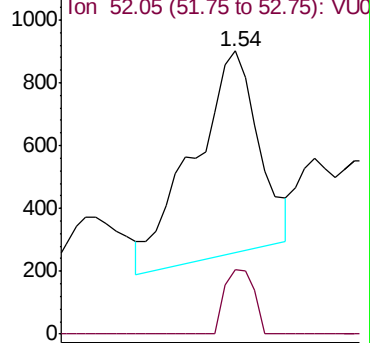
Ion Ratio Lower Upper

50 100

52 23.0 23.8 44.2#



Abundance Ion 50.05 (49.75 to 50.75): VU036740.D (-52) (-)



#8

Chloroethane

Concen: 0.122 ug/L

RT: 2.11 min Scan# 239

Delta R.T. 0.16 min

Lab File: VU036754.D

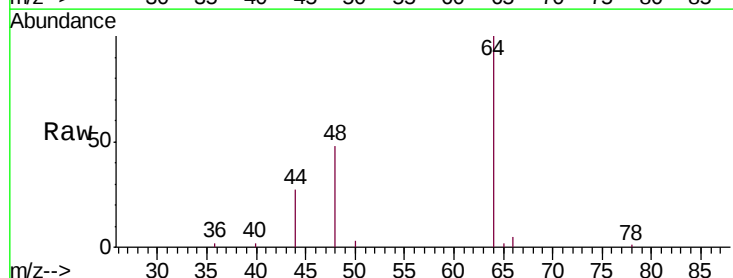
Acq: 12 Feb 2020 16:47

Tgt Ion: 64 Resp: 868

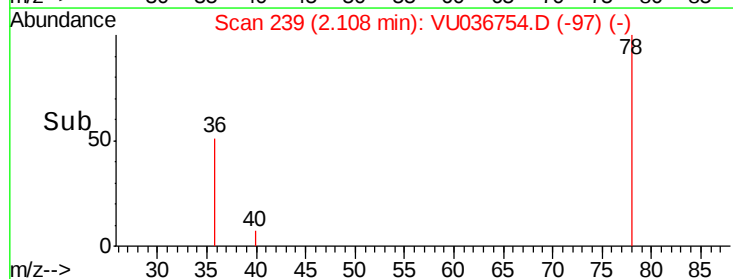
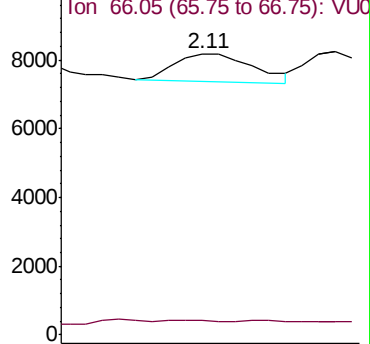
Ion Ratio Lower Upper

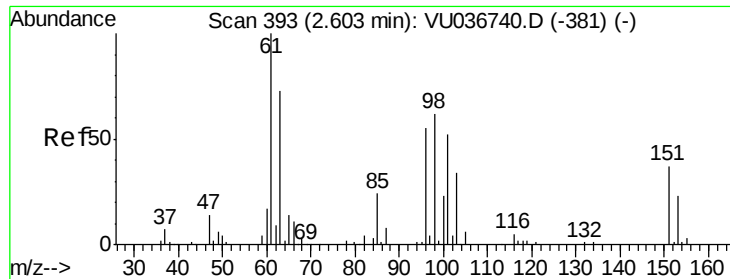
64 100

66 5.2 21.8 40.6#



Abundance Ion 64.10 (63.80 to 64.80): VU036740.D (-181) (-)





#12

1,1-Dichloroethene

Concen: 0.063 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU036754.D

Acq: 12 Feb 2020 16:47

Instrument :

MSVOA_U

ClientSampled :

DBCT8

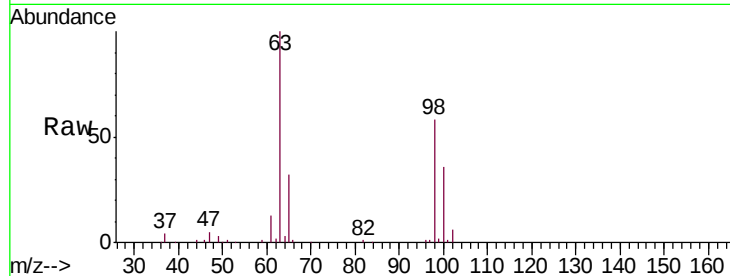
Tgt Ion: 96 Resp: 485

Ion Ratio Lower Upper

96 100

61 1472.0 126.4 234.8#

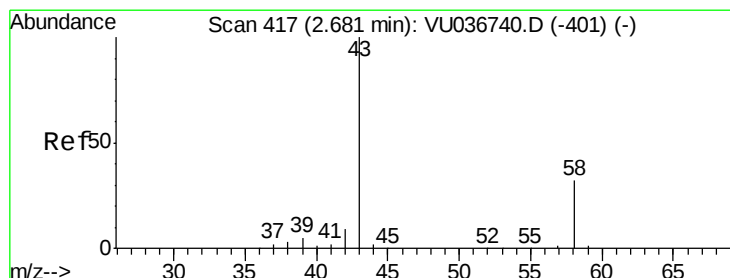
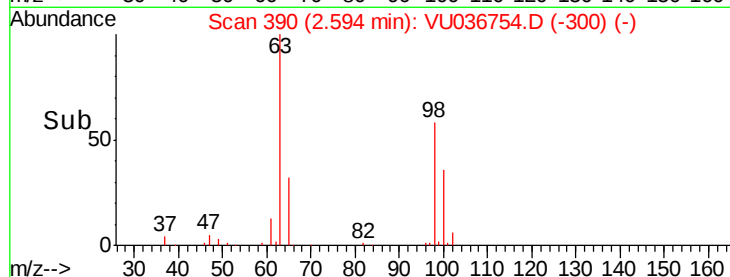
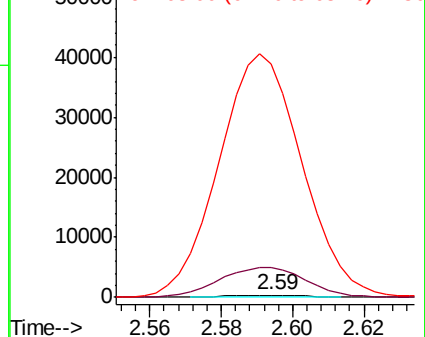
63 11332.9 89.5 166.3#



Abundance Ion 96.00 (95.70 to 96.70): VU036754.D (-390) (-)

Ion 61.05 (60.75 to 61.75): VU036754.D (-390) (-)

Ion 63.00 (62.70 to 63.70): VU036754.D (-390) (-)



#13

Acetone

Concen: 2.825 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.02 min

Lab File: VU036754.D

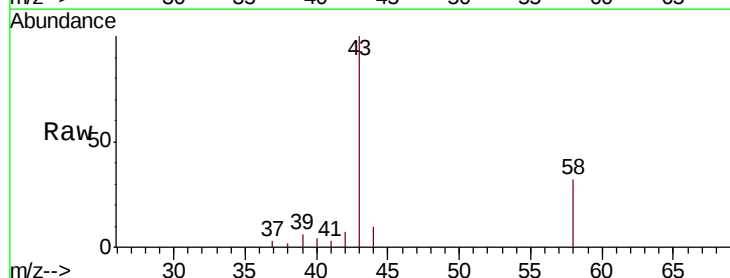
Acq: 12 Feb 2020 16:47

Tgt Ion: 43 Resp: 8271

Ion Ratio Lower Upper

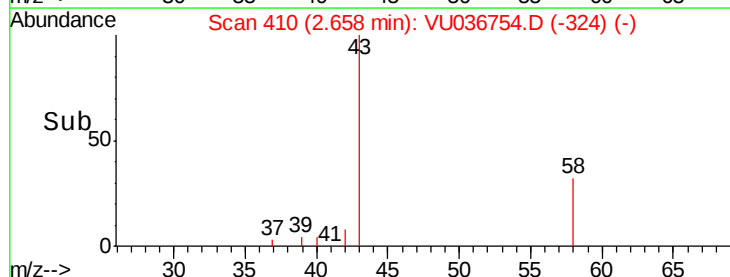
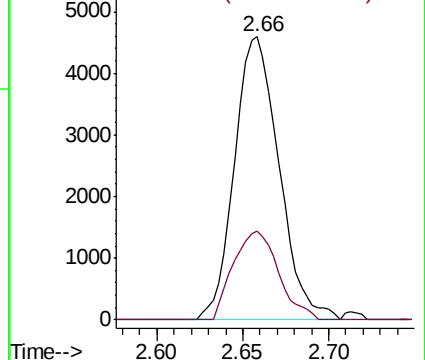
43 100

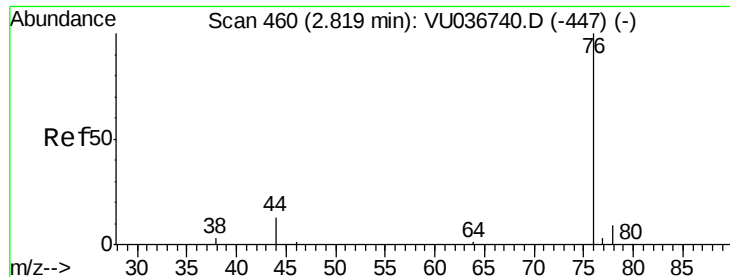
58 31.8 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036754.D (-410) (-)

Ion 58.05 (57.75 to 58.75): VU036754.D (-410) (-)





#14

Carbon disulfide

Concen: 0.101 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU036754.D

Acq: 12 Feb 2020 16:47

Instrument :

MSVOA_U

ClientSampleId :

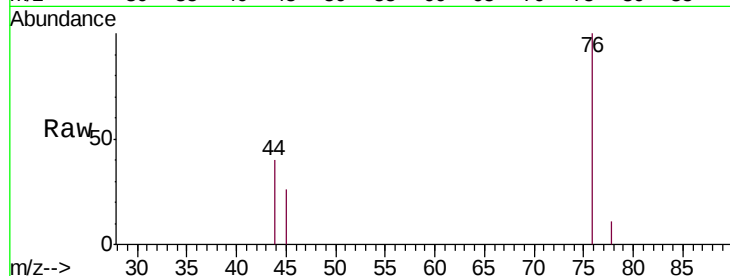
DBCT8

Tgt Ion: 76 Resp: 1887

Ion Ratio Lower Upper

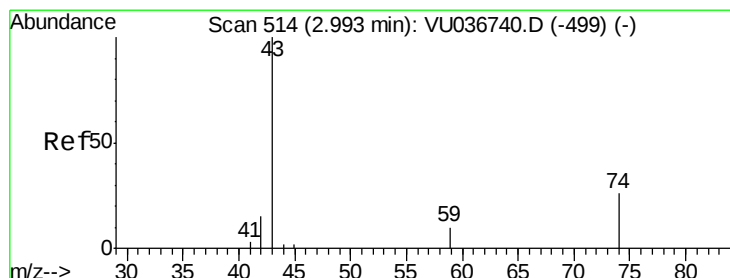
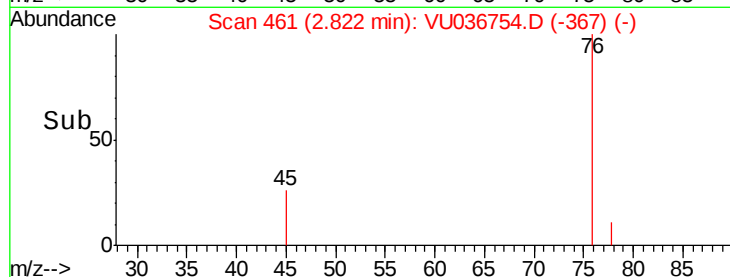
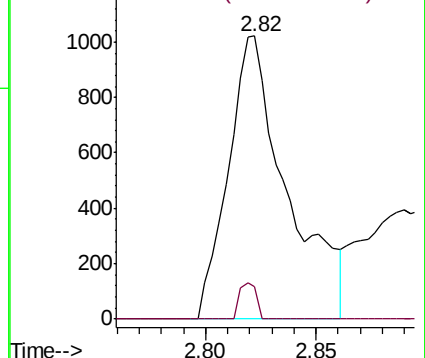
76 100

78 11.4 7.2 10.8#



Abundance Ion 76.05 (75.75 to 76.75): VU036740.D (-447) (-)

Ion 78.00 (77.70 to 78.70): VU036740.D (-447) (-)



#15

Methyl Acetate

Concen: 0.228 ug/L

RT: 2.79 min Scan# 452

Delta R.T. -0.20 min

Lab File: VU036754.D

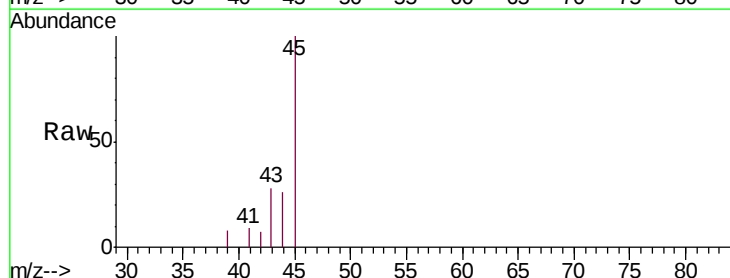
Acq: 12 Feb 2020 16:47

Tgt Ion: 43 Resp: 886

Ion Ratio Lower Upper

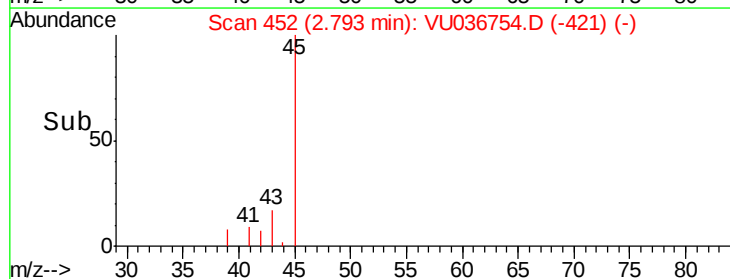
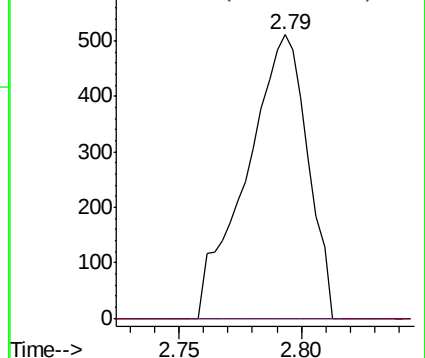
43 100

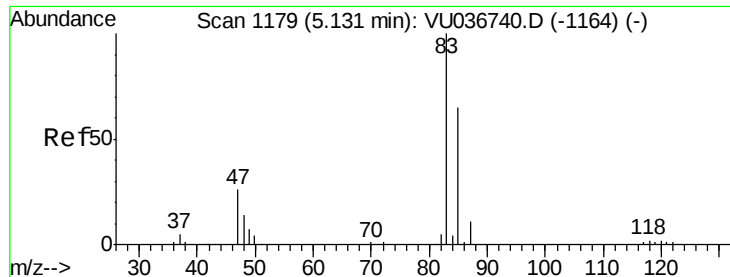
74 0.0 19.0 28.4#



Abundance Ion 43.05 (42.75 to 43.75): VU036740.D (-499) (-)

Ion 74.05 (73.75 to 74.75): VU036740.D (-499) (-)

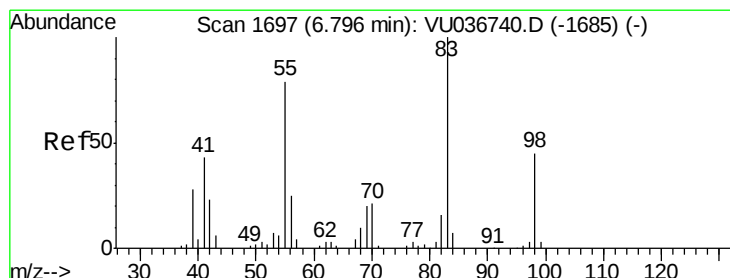
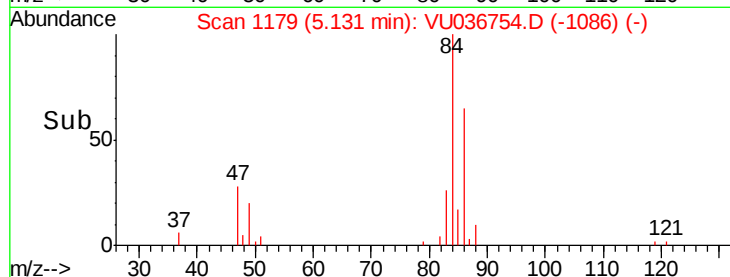
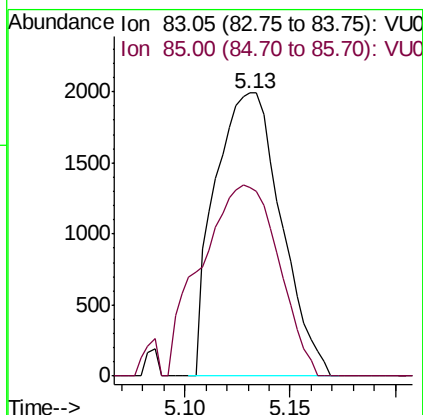
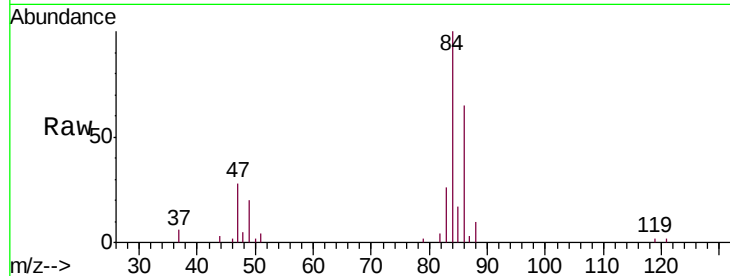




#25
Chloroform
Concen: 0.243 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU036754.D
Acq: 12 Feb 2020 16:47

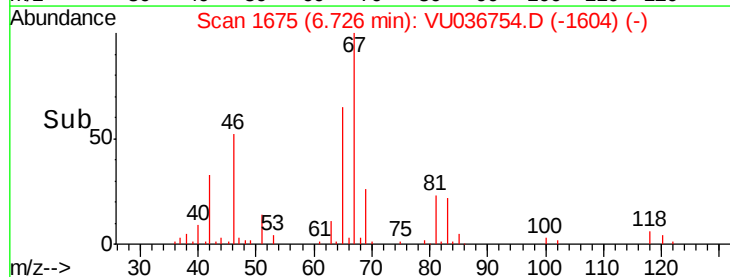
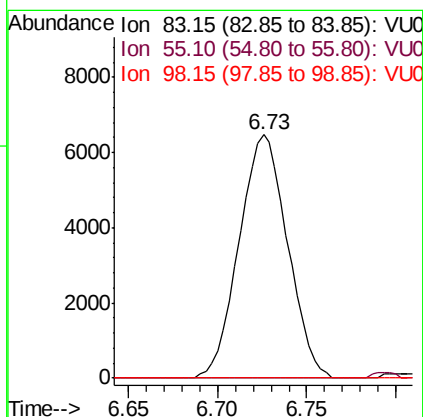
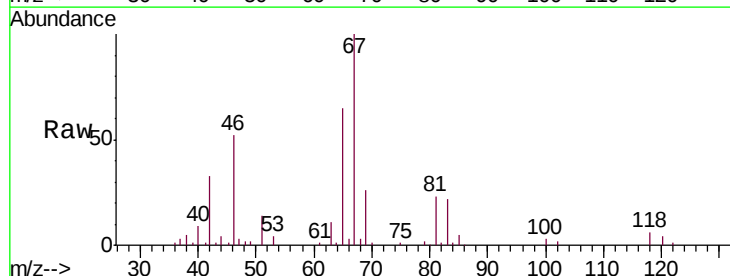
Instrument :
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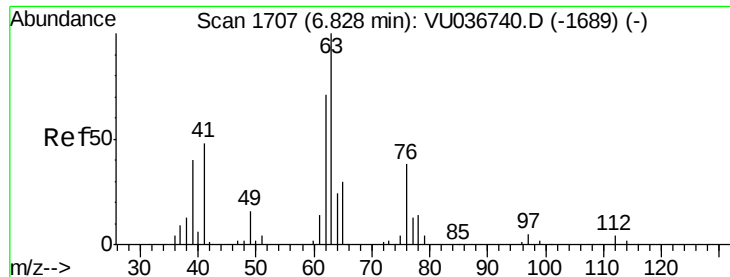
Tgt Ion: 83 Resp: 4339
Ion Ratio Lower Upper
83 100
85 66.7 45.4 84.2



#35
Methylcyclohexane
Concen: 0.829 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036754.D
Acq: 12 Feb 2020 16:47

Tgt Ion: 83 Resp: 12282
Ion Ratio Lower Upper
83 100
55 1.0 61.0 91.4#
98 0.0 34.2 51.4#

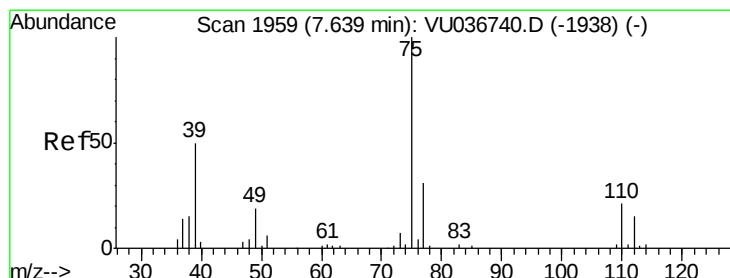
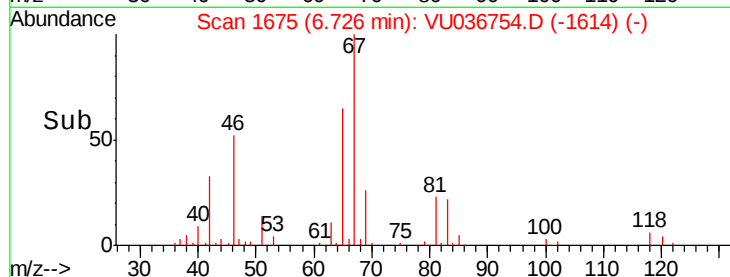
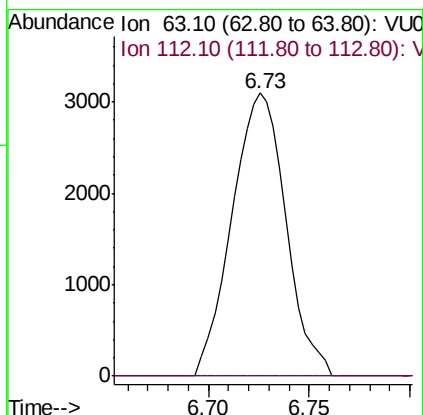
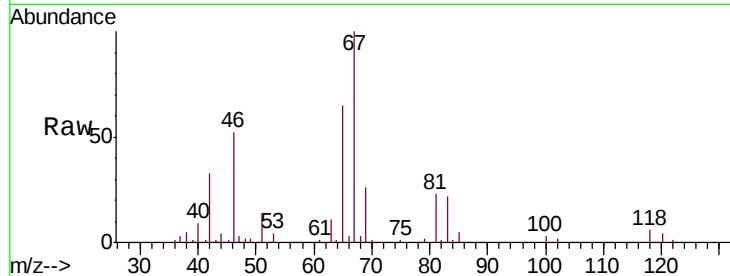




#37
 1,2-Dichloropropane
 Concen: 0.577 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU036754.D
 Acq: 12 Feb 2020 16:47

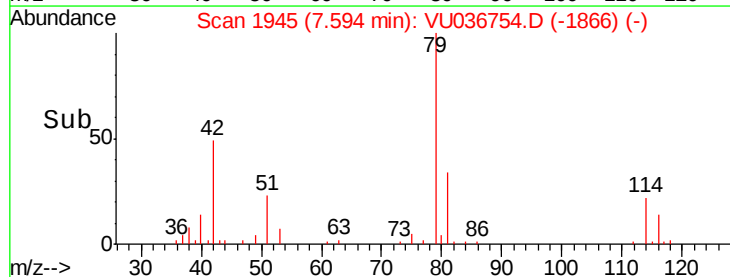
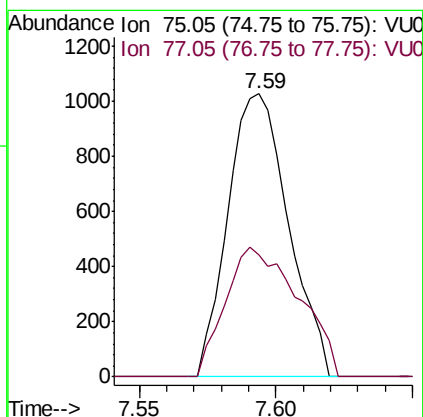
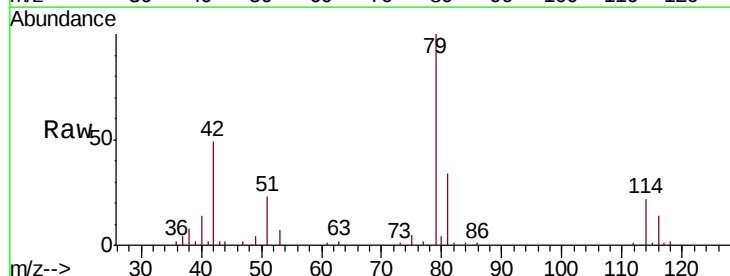
Instrument :
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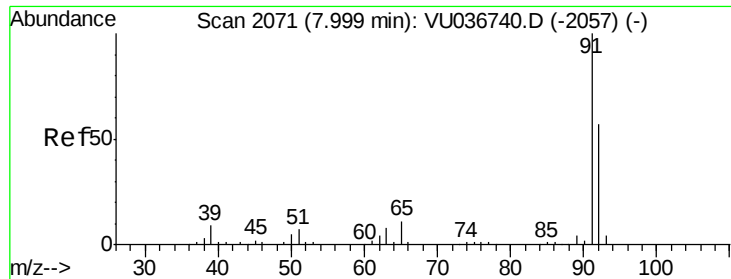
Tgt Ion: 63 Resp: 5779
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.109 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036754.D
 Acq: 12 Feb 2020 16:47

Tgt Ion: 75 Resp: 1583
 Ion Ratio Lower Upper
 75 100
 77 42.9 22.5 41.9#





#42

Toluene

Concen: 2.301 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU036754.D

Acq: 12 Feb 2020 16:47

Instrument :

MSVOA_U

ClientSampleId :

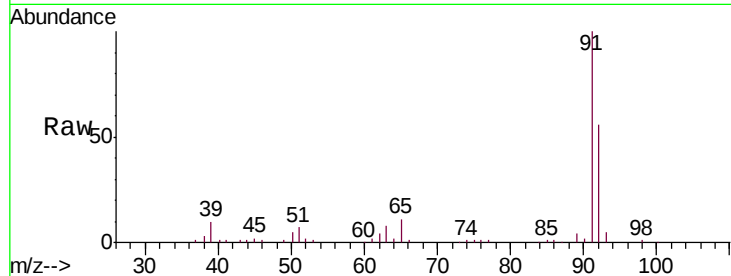
DBCT8

Tgt Ion: 91 Resp: 90607

Ion Ratio Lower Upper

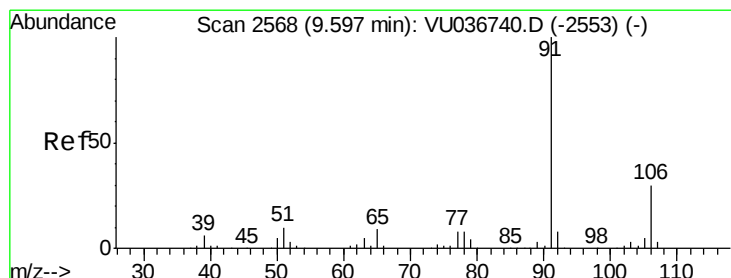
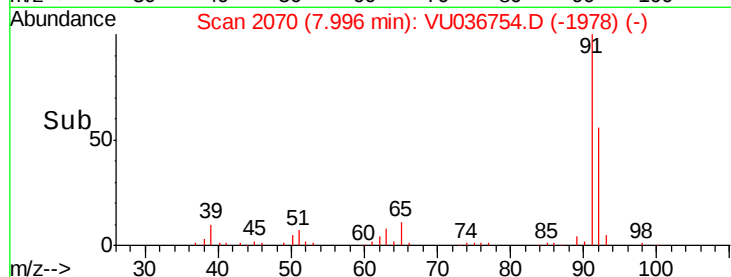
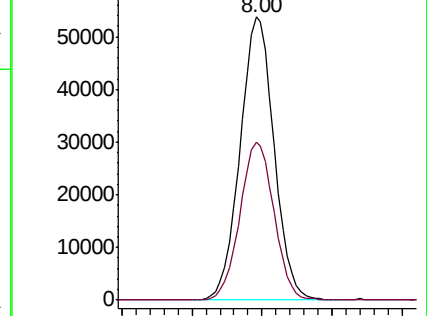
91 100

92 56.0 41.2 76.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#52

Ethylbenzene

Concen: 14.604 ug/L

RT: 9.59 min Scan# 2566

Delta R.T. -0.01 min

Lab File: VU036754.D

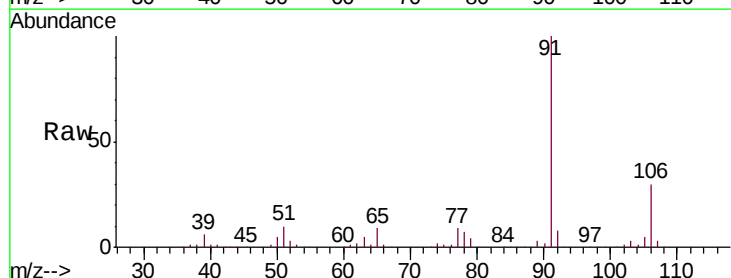
Acq: 12 Feb 2020 16:47

Tgt Ion: 91 Resp: 642209

Ion Ratio Lower Upper

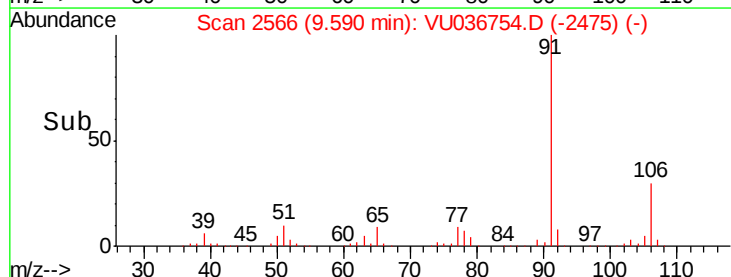
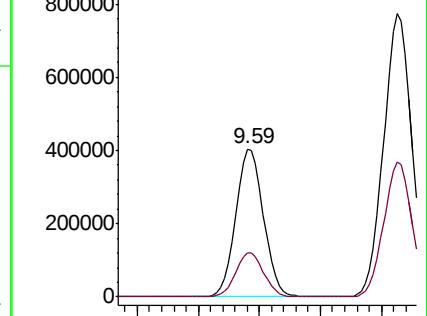
91 100

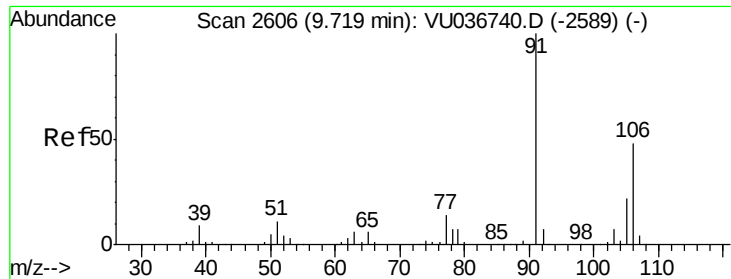
106 30.0 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V





#53

m,p-Xylene

Concen: 36.862 ug/L

RT: 9.71 min Scan# 2604

Delta R.T. -0.01 min

Lab File: VU036754.D

Acq: 12 Feb 2020 16:47

Instrument :

MSVOA_U

ClientSampled :

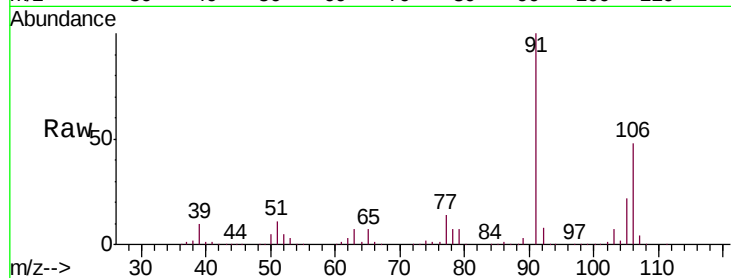
DBCT8

Tgt Ion:106 Resp: 596540

Ion Ratio Lower Upper

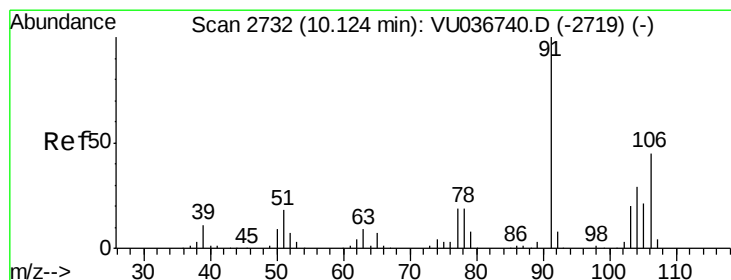
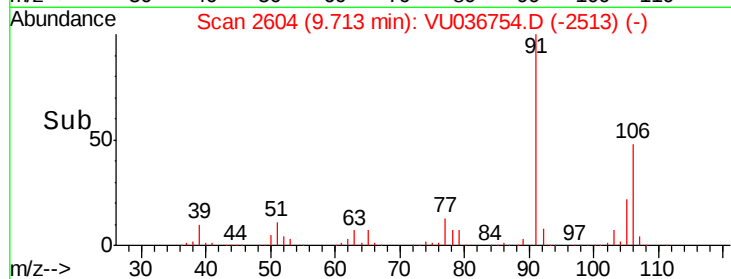
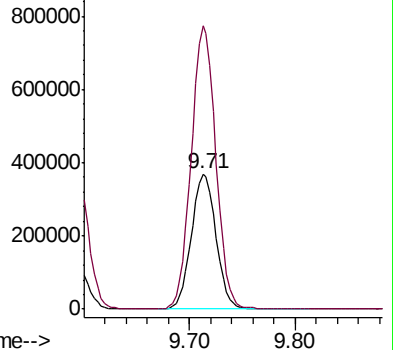
106 100

91 209.7 141.1 262.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 15.989 ug/L

RT: 10.12 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VU036754.D

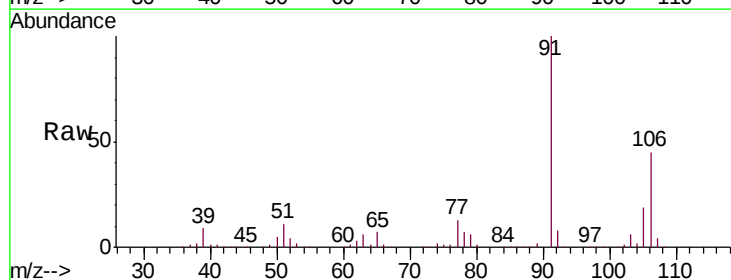
Acq: 12 Feb 2020 16:47

Tgt Ion:106 Resp: 254101

Ion Ratio Lower Upper

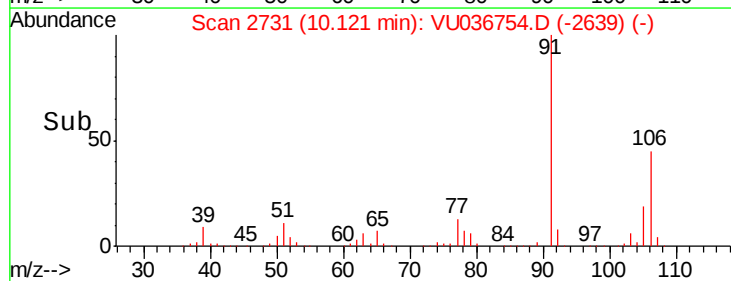
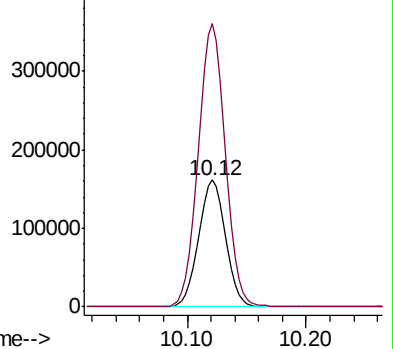
106 100

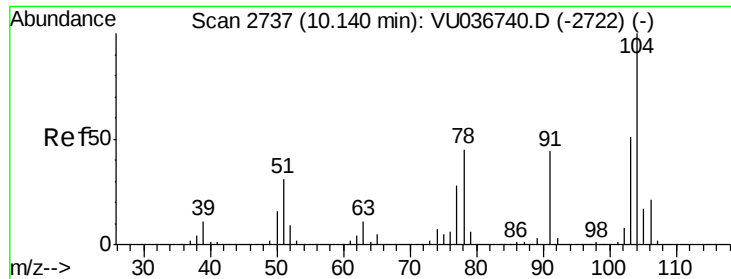
91 223.0 151.1 280.5



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

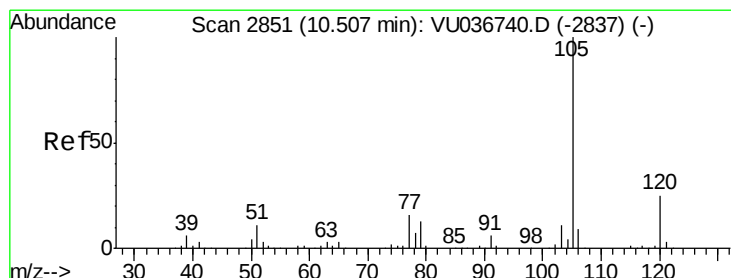
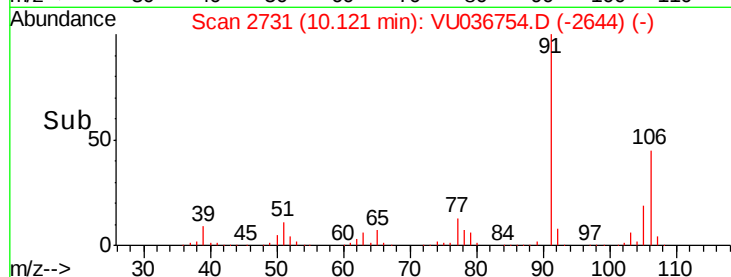
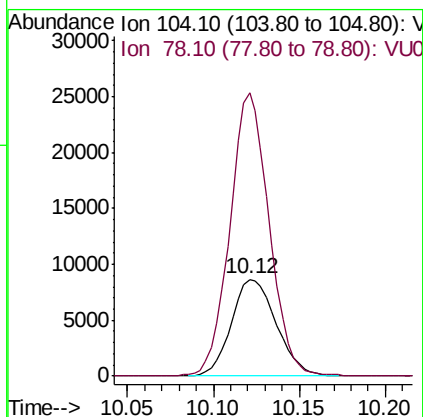
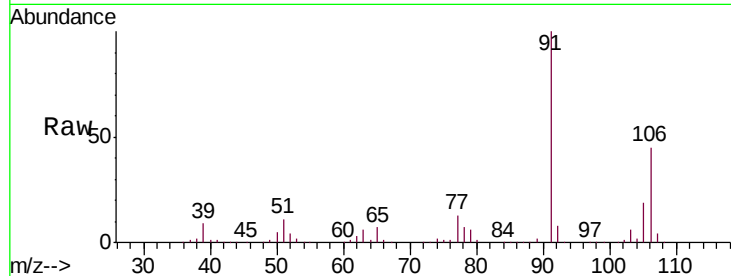




#55
Styrene
Concen: 0.587 ug/L
RT: 10.12 min Scan# 2731
Delta R.T. -0.02 min
Lab File: VU036754.D
Acq: 12 Feb 2020 16:47

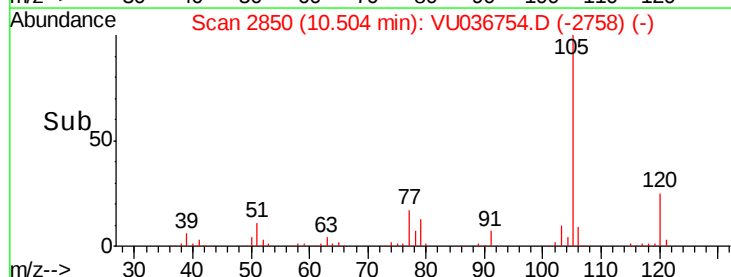
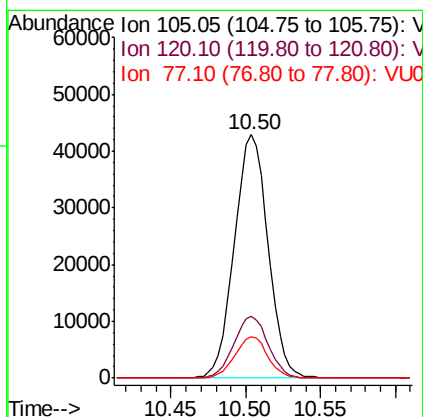
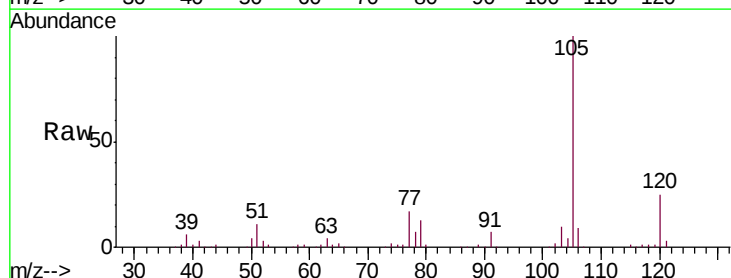
Instrument :
MSVOA_U
ClientSampleId :
DBCT8

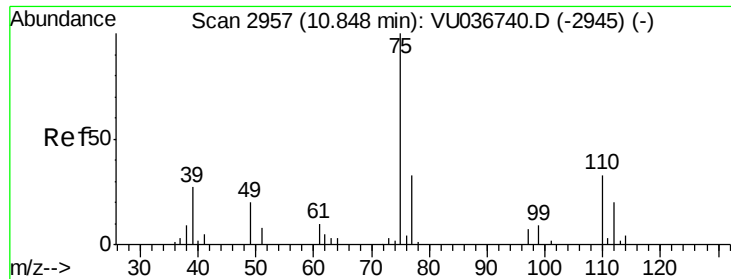
Tgt Ion:104 Resp: 15722
Ion Ratio Lower Upper
104 100
78 293.3 33.5 62.3#



#56
Isopropylbenzene
Concen: 1.584 ug/L
RT: 10.50 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VU036754.D
Acq: 12 Feb 2020 16:47

Tgt Ion:105 Resp: 67361
Ion Ratio Lower Upper
105 100
120 25.7 20.5 30.7
77 16.8 13.0 19.6

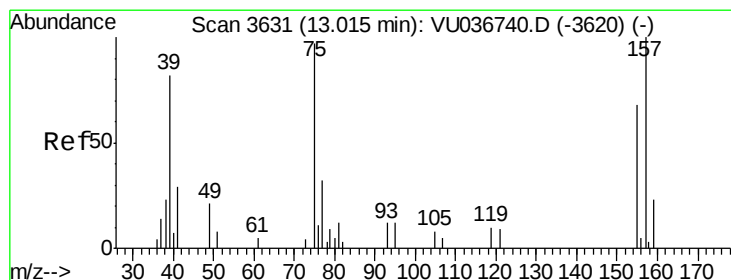
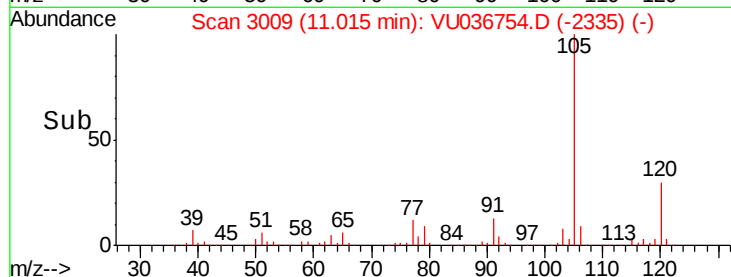
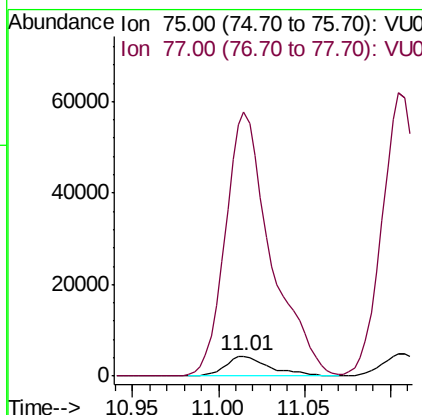
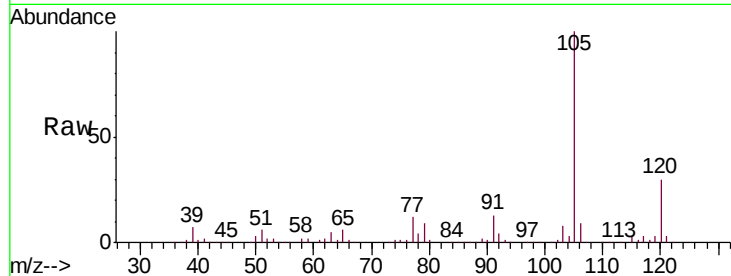




#59
 1,2,3-Trichloropropane
 Concen: 1.193 ug/L
 RT: 11.01 min Scan# 3009
 Delta R.T. 0.17 min
 Lab File: VU036754.D
 Acq: 12 Feb 2020 16:47

Instrument :
 MSVOA_U
 ClientSampleId :
 DBCT8

Tgt Ion: 75 Resp: 7885
 Ion Ratio Lower Upper
 75 100
 77 1355.9 25.6 38.4#



#66
 1,2-Dibromo-3-chloropropane
 Concen: 73.279 ug/L
 RT: 13.06 min Scan# 3644
 Delta R.T. 0.04 min
 Lab File: VU036754.D
 Acq: 12 Feb 2020 16:47

Tgt Ion: 75 Resp: 108476
 Ion Ratio Lower Upper
 75 100
 155 0.0 52.9 79.3#
 157 0.0 69.2 103.8#

