

Data File : VU036750.D
Acq On : 12 Feb 2020 15:01
Operator : JC/MD
Sample : L1487-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCT6

Quant Time: Feb 13 01:03:22 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	120550	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	115249	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	57083	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	47830	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.93	69	42889	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.59	63	61660	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.67	46	109543	50.39	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.78%
24) Chloroform-d	5.11	84	74175	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.74	65	44234	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.76	84	163884	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.73	67	52321	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.93	98	150094	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	8.20	79	19048	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.66	63	94885	48.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.14%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	40332	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	51595	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%

Target Compounds

					Qvalue
12) 1,1-Dichloroethene	2.59	96	477	0.065 ug/L #	1
13) Acetone	2.66	43	4794	1.724 ug/L	100
33) Benzene	5.81	78	27601	0.776 ug/L	100
35) Methylcyclohexane	6.73	83	11733	0.817 ug/L #	20
37) 1,2-Dichloropropane	6.73	63	5696	0.587 ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	1347	0.096 ug/L #	52
42) Toluene	8.00	91	14280	0.374 ug/L	94
48) 2-Hexanone	8.66	43	10882	2.030 ug/L #	67
52) Ethylbenzene	9.59	91	102825	2.411 ug/L	99
53) m,p-Xylene	9.71	106	98133	6.253 ug/L	95
54) o-Xylene	10.12	106	36394	2.362 ug/L	97
55) Styrene	10.13	104	7272	0.280 ug/L #	68
56) Isopropylbenzene	10.50	105	33859	0.821 ug/L	99
59) 1,2,3-Trichloropropane	11.01	75	2840	0.443 ug/L #	1
63) 1,4-Dichlorobenzene	11.85	146	1498	0.077 ug/L	88
66) 1,2-Dibromo-3-chloropropan	13.05	75	26120	18.461 ug/L #	11

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

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 13 00:59:33 2020
Response via : Initial Calibration

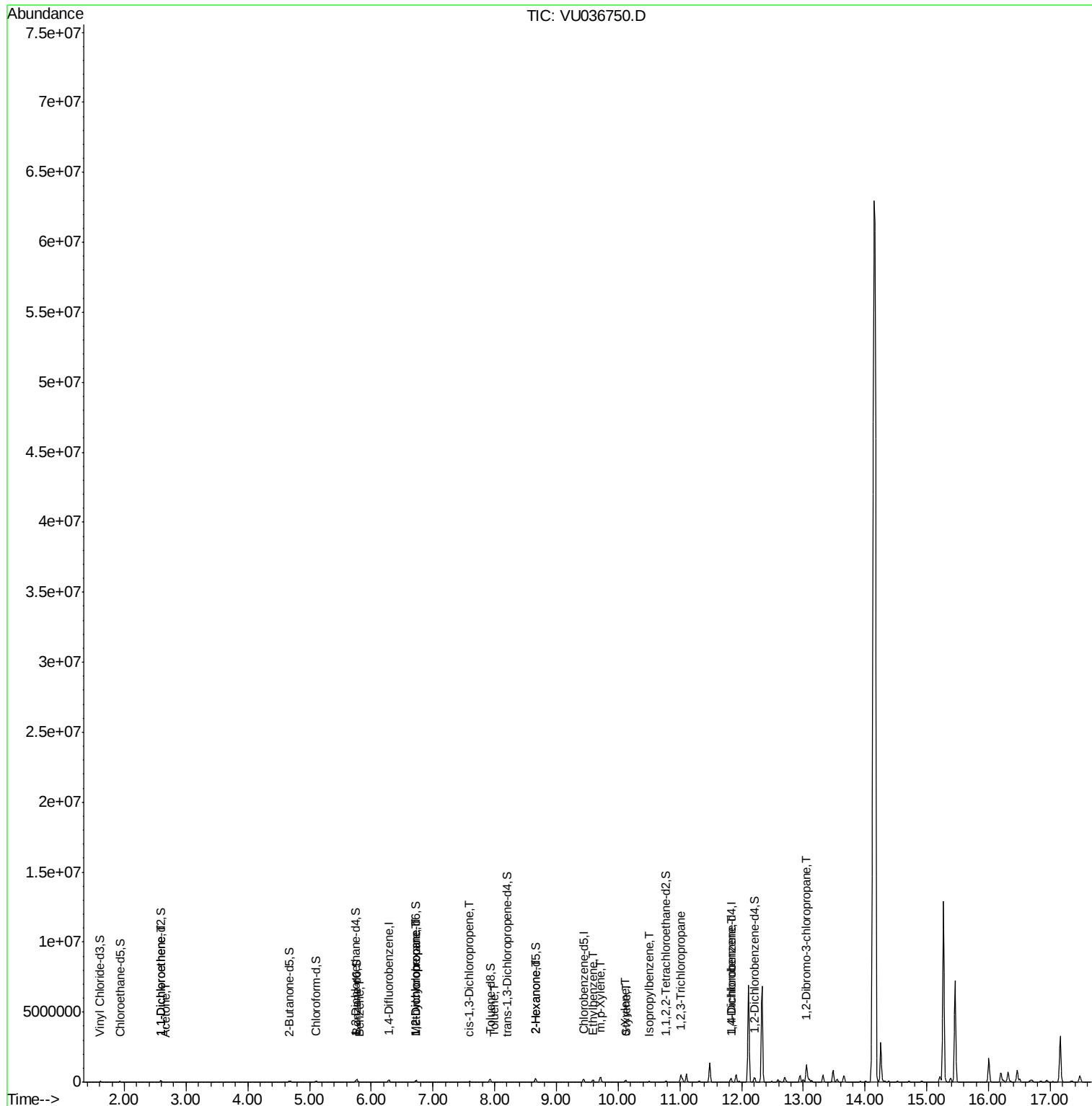
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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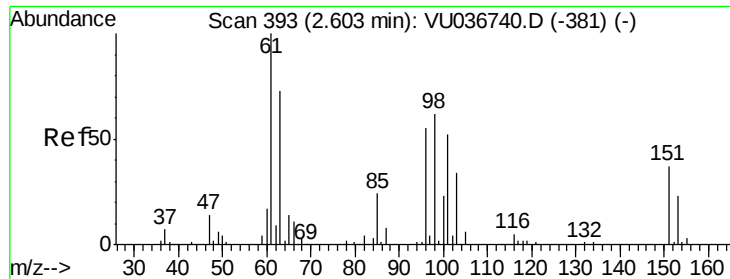
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 13 00:59:33 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.065 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU036750.D

Acq: 12 Feb 2020 15:01

Instrument :

MSVOA_U

ClientSampleId :

DBCT6

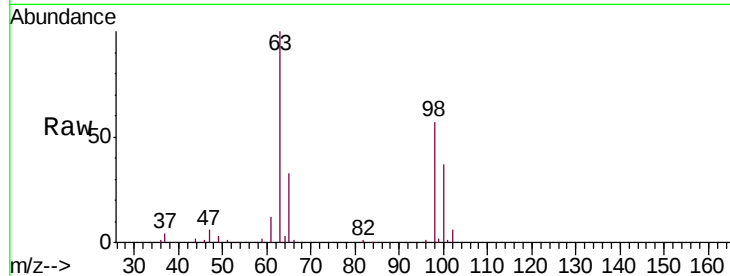
Tgt Ion: 96 Resp: 477

Ion Ratio Lower Upper

96 100

61 1474.2 126.4 234.8#

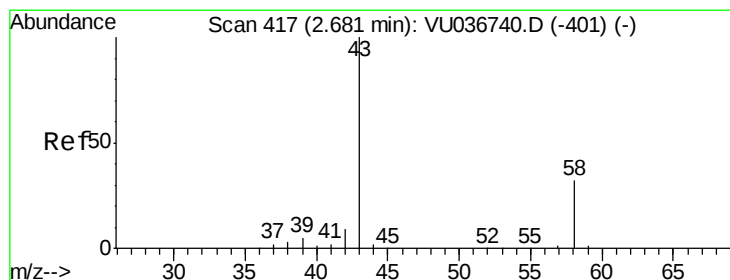
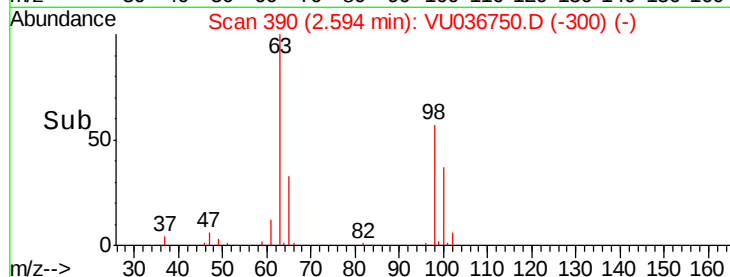
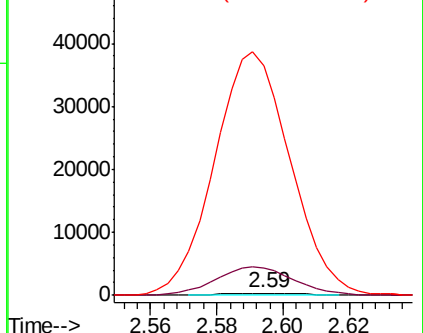
63 12220.1 89.5 166.3#



Abundance Ion 96.00 (95.70 to 96.70): VU036750.D (-300) (-)

Ion 61.05 (60.75 to 61.75): VU036750.D (-300) (-)

Ion 63.00 (62.70 to 63.70): VU036750.D (-300) (-)



#13

Acetone

Concen: 1.724 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.02 min

Lab File: VU036750.D

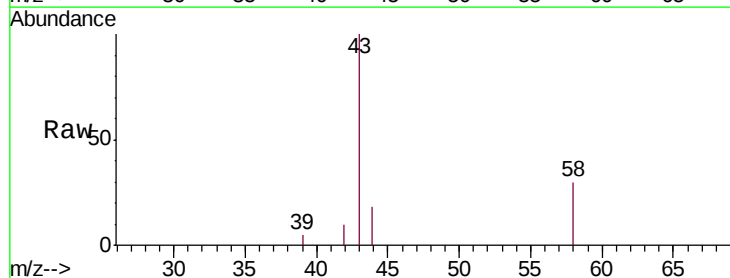
Acq: 12 Feb 2020 15:01

Tgt Ion: 43 Resp: 4794

Ion Ratio Lower Upper

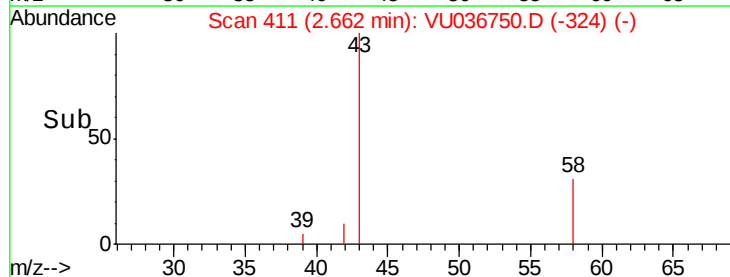
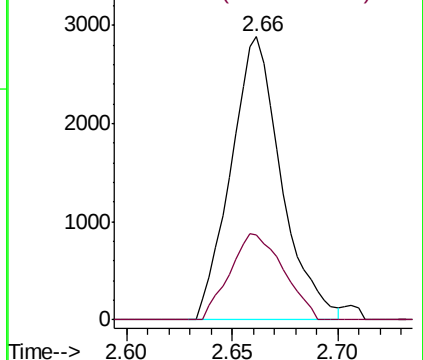
43 100

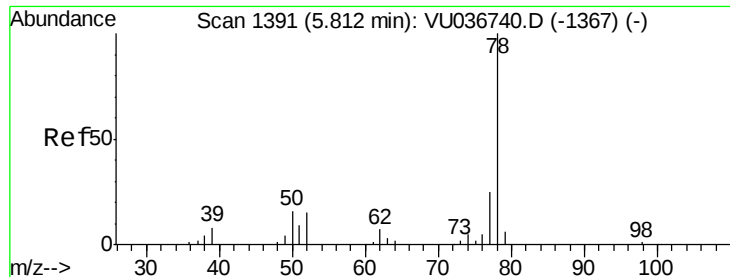
58 32.2 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036750.D (-324) (-)

Ion 58.05 (57.75 to 58.75): VU036750.D (-324) (-)





#33

Benzene

Concen: 0.776 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU036750.D

Acq: 12 Feb 2020 15:01

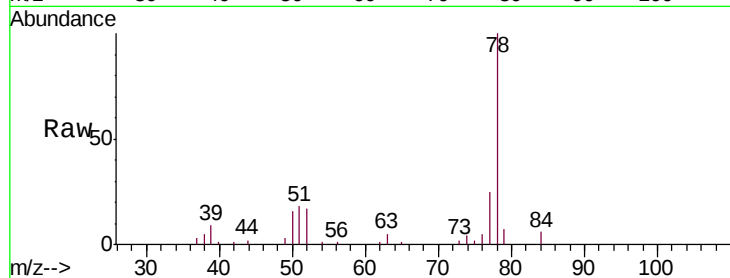
Instrument :

MSVOA_U

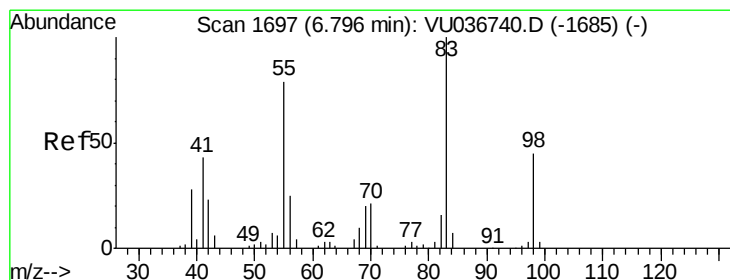
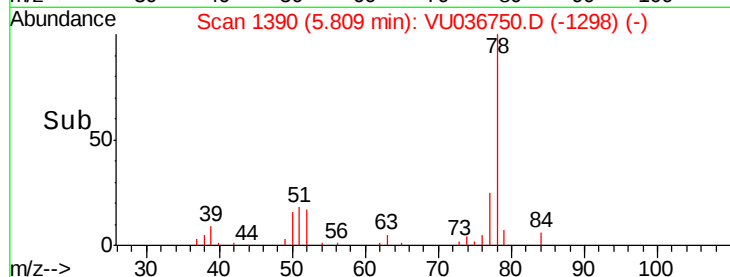
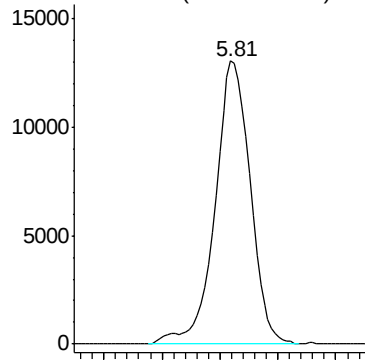
ClientSampleId :

DBCT6

Tgt Ion: 78 Resp: 27601



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.817 ug/L

RT: 6.73 min Scan# 1675

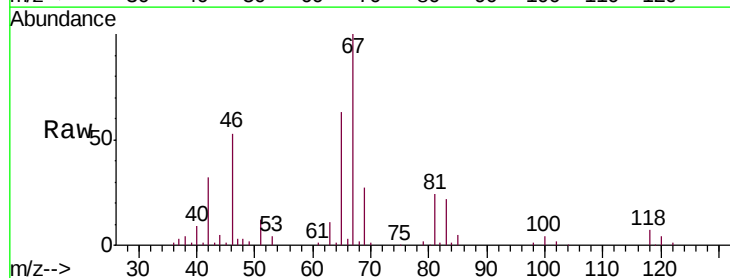
Delta R.T. -0.07 min

Lab File: VU036750.D

Acq: 12 Feb 2020 15:01

Tgt Ion: 83 Resp: 11733

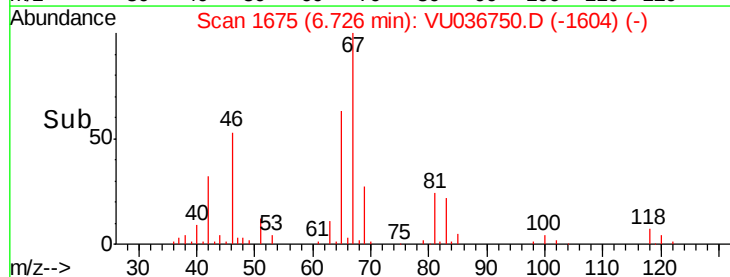
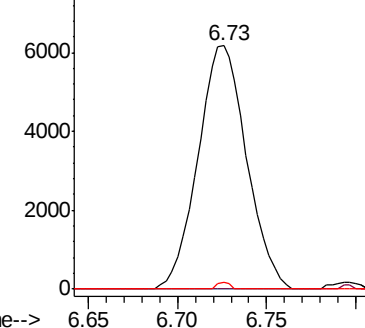
Ion	Ratio	Lower	Upper
83	100		
55	0.4	61.0	91.4#
98	0.7	34.2	51.4#

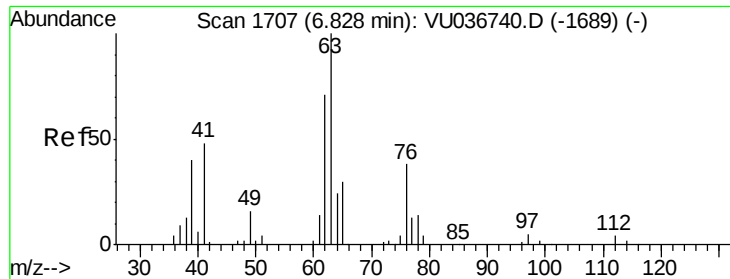


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

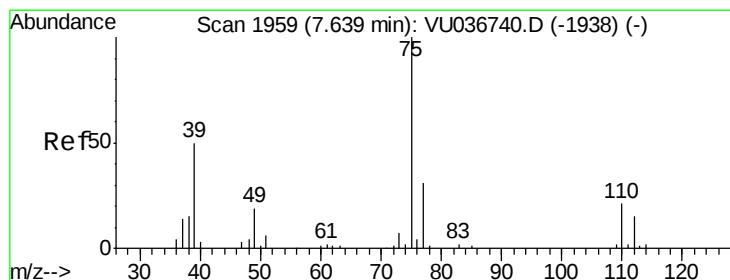
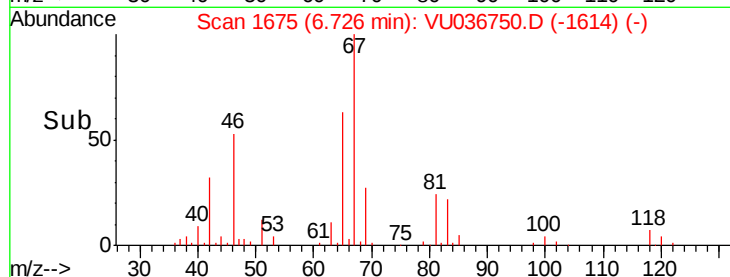
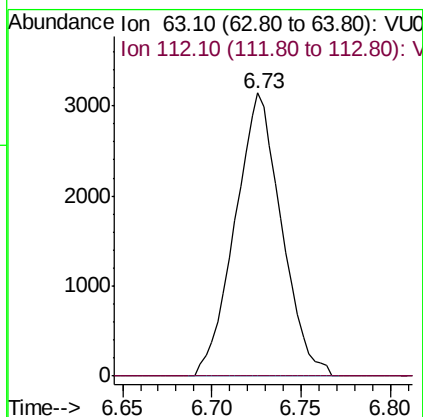
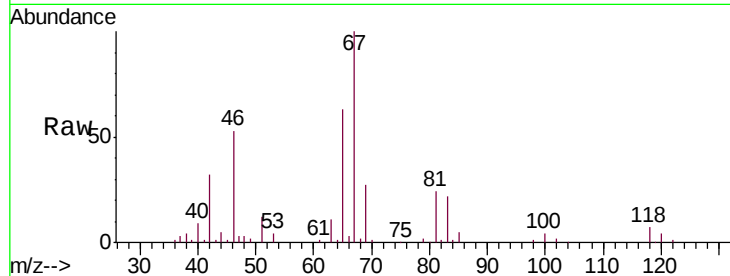




#37
 1,2-Dichloropropane
 Concen: 0.587 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU036750.D
 Acq: 12 Feb 2020 15:01

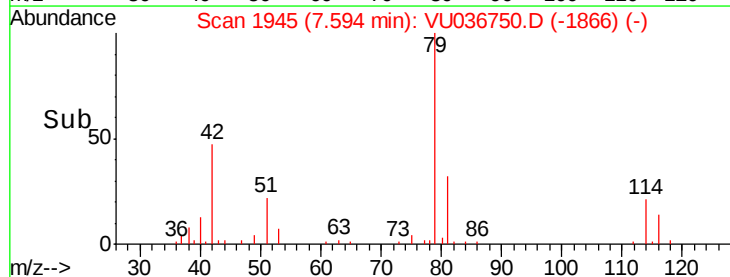
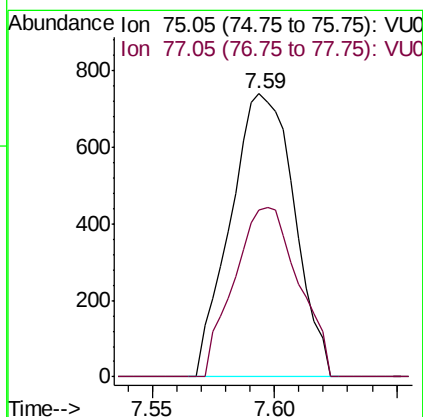
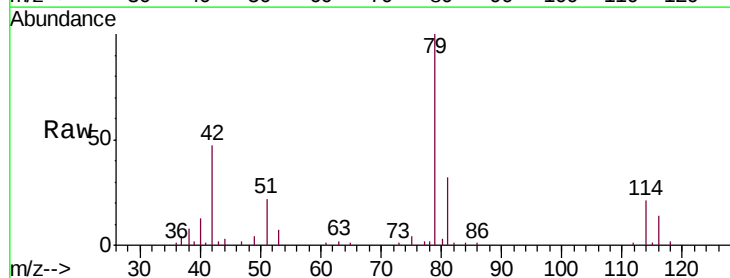
Instrument :
 MSVOA_U
 ClientSampleId :
 DBCT6

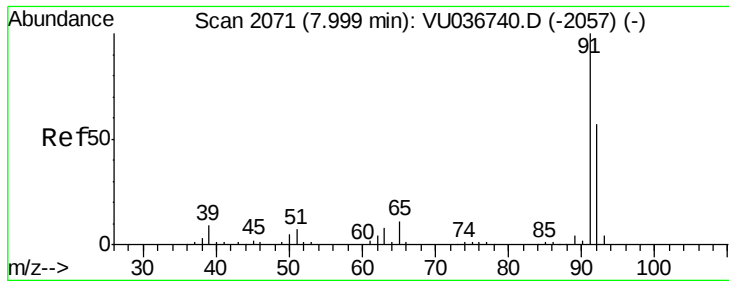
Tgt Ion: 63 Resp: 5696
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036750.D
 Acq: 12 Feb 2020 15:01

Tgt Ion: 75 Resp: 1347
 Ion Ratio Lower Upper
 75 100
 77 58.8 22.5 41.9#





#42

Toluene

Concen: 0.374 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU036750.D

Acq: 12 Feb 2020 15:01

Instrument :

MSVOA_U

ClientSampleId :

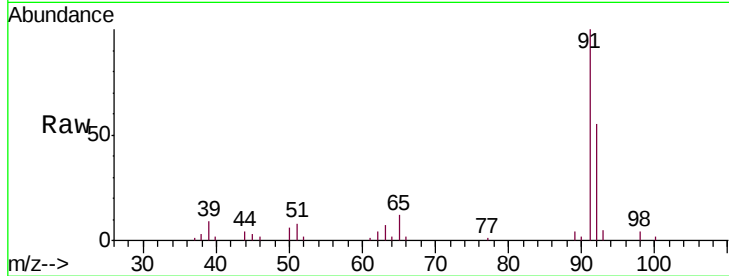
DBCT6

Tgt Ion: 91 Resp: 14280

Ion Ratio Lower Upper

91 100

92 54.7 41.2 76.4



Abundance Ion 91.15 (90.85 to 91.85): VU036740.D (-2057) (-)

Ion 92.15 (91.85 to 92.85): VU036740.D (-2057) (-)

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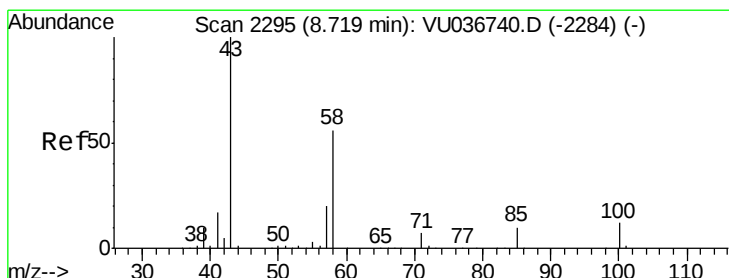
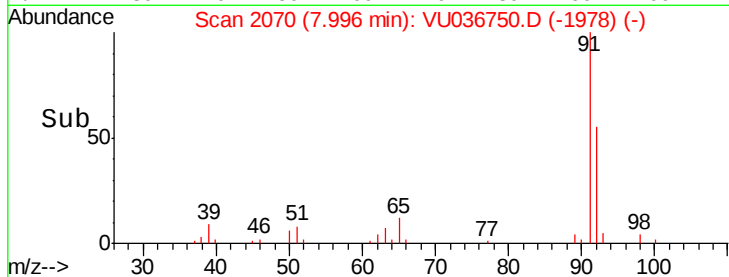
8.00

8.00

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8.00



#48

2-Hexanone

Concen: 2.030 ug/L

RT: 8.66 min Scan# 2277

Delta R.T. -0.06 min

Lab File: VU036750.D

Acq: 12 Feb 2020 15:01

Tgt Ion: 43 Resp: 10882

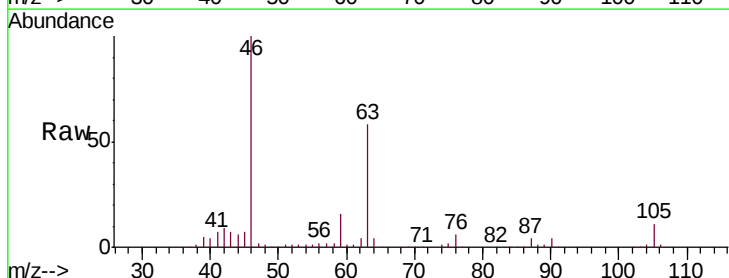
Ion Ratio Lower Upper

43 100

58 26.2 43.6 65.4#

57 26.7 15.0 22.4#

100 0.0 9.0 13.6#



Abundance Ion 43.05 (42.75 to 43.75): VU036740.D (-2284) (-)

Ion 58.05 (57.75 to 58.75): VU036740.D (-2284) (-)

Ion 57.20 (56.90 to 57.90): VU036740.D (-2284) (-)

Ion 100.15 (99.85 to 100.85): VU036740.D (-2284) (-)

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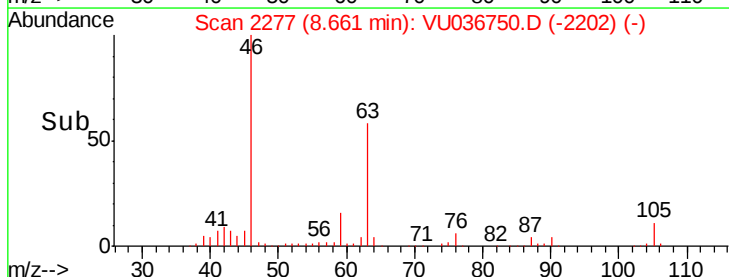
8.66

8.66

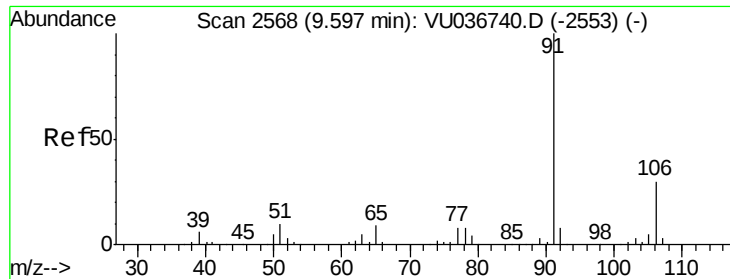
8.66

8.66

8.66



Time-->



#52

Ethylbenzene

Concen: 2.411 ug/L

RT: 9.59 min Scan# 2567

Delta R.T. -0.00 min

Lab File: VU036750.D

Acq: 12 Feb 2020 15:01

Instrument :

MSVOA_U

ClientSampled :

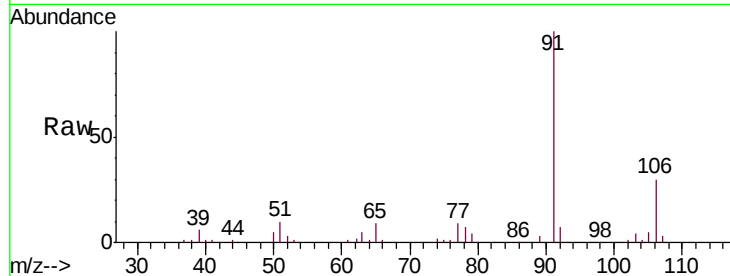
DBCT6

Tgt Ion: 91 Resp: 102825

Ion Ratio Lower Upper

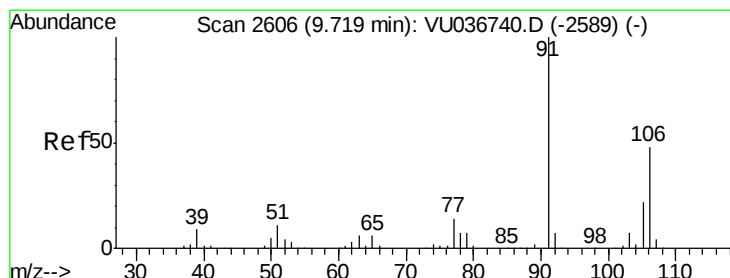
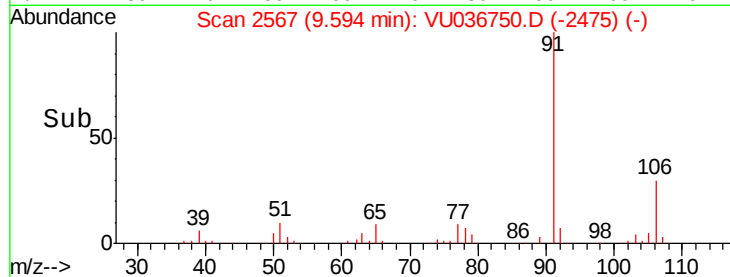
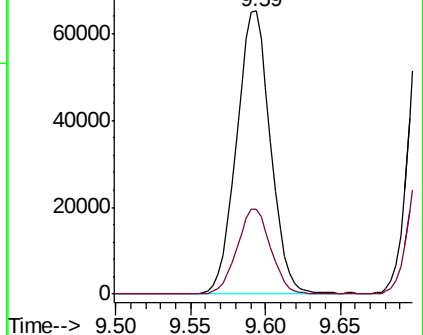
91 100

106 30.0 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VU036740.D (-2553) (-)

Ion 106.15 (105.85 to 106.85): VU036740.D (-2553) (-)



#53

m,p-Xylene

Concen: 6.253 ug/L

RT: 9.71 min Scan# 2604

Delta R.T. -0.01 min

Lab File: VU036750.D

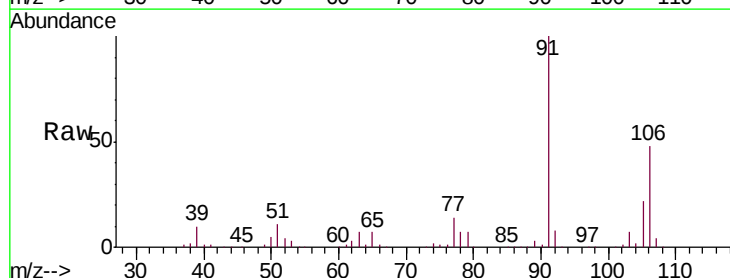
Acq: 12 Feb 2020 15:01

Tgt Ion: 106 Resp: 98133

Ion Ratio Lower Upper

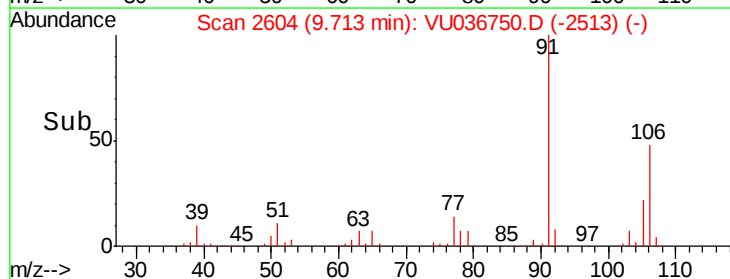
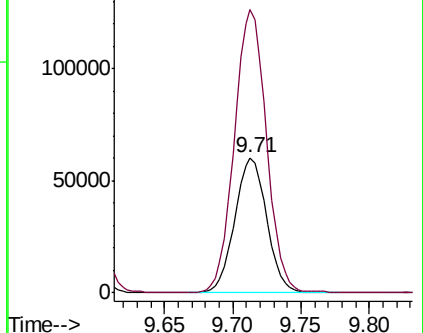
106 100

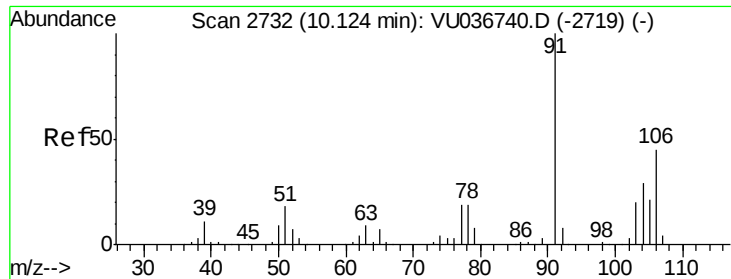
91 209.2 141.1 262.0



Abundance Ion 106.15 (105.85 to 106.85): VU036740.D (-2589) (-)

Ion 91.15 (90.85 to 91.85): VU036740.D (-2589) (-)

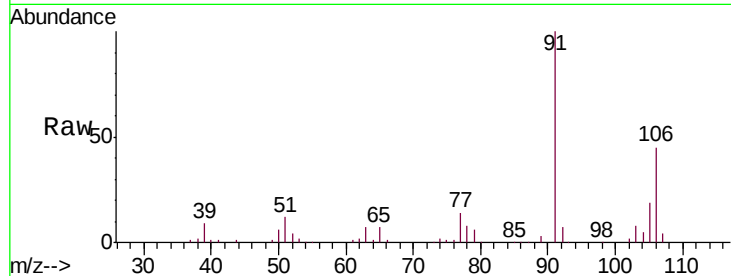




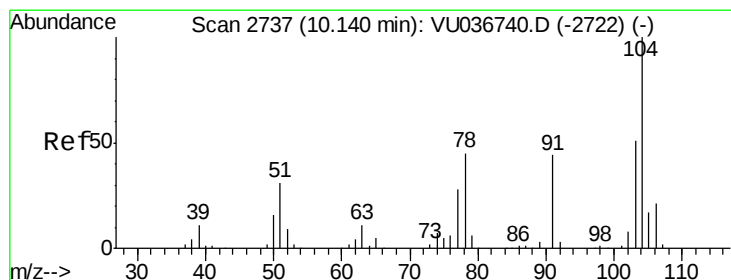
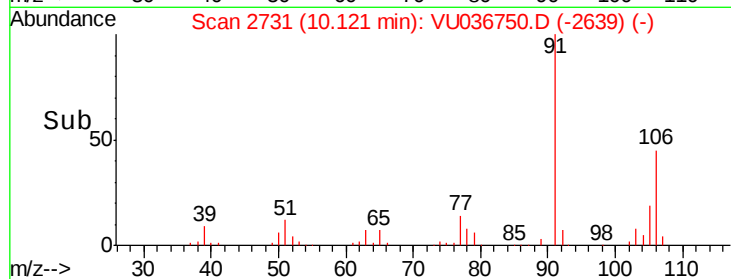
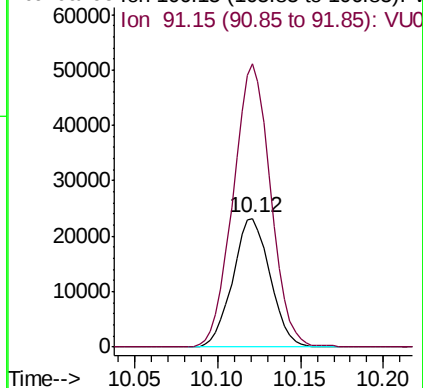
#54
o-Xylene
Concen: 2.362 ug/L
RT: 10.12 min Scan# 2731
Delta R.T. -0.00 min
Lab File: VU036750.D
Acq: 12 Feb 2020 15:01

Instrument :
MSVOA_U
ClientSampleId :
DBCT6

Tgt Ion:106 Resp: 36394
Ion Ratio Lower Upper
106 100
91 220.3 151.1 280.5

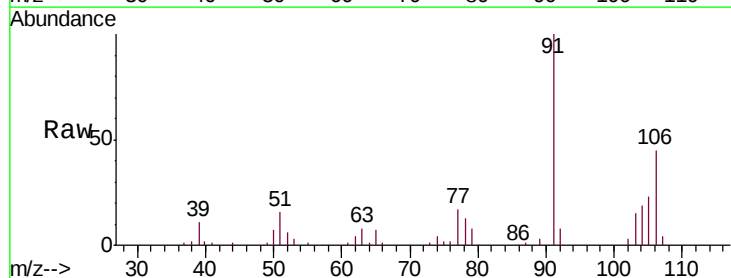


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

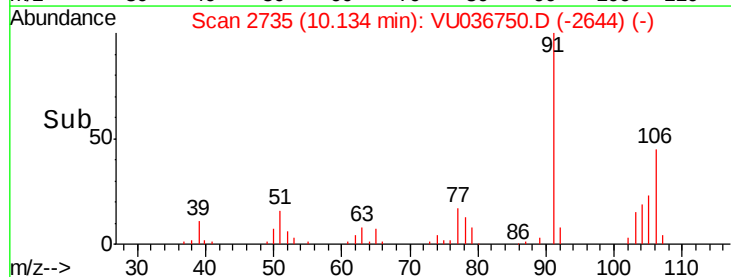
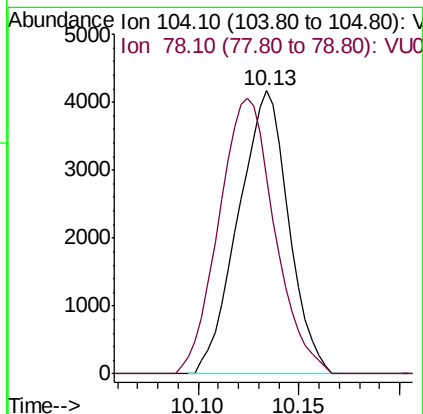


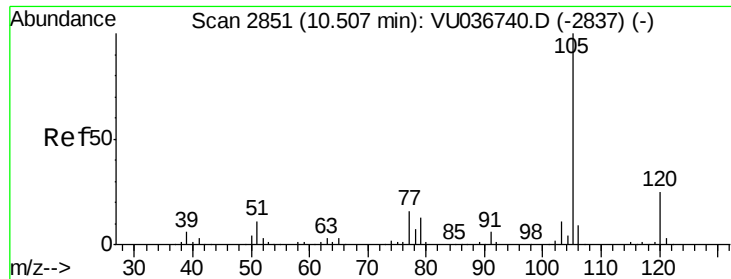
#55
Styrene
Concen: 0.280 ug/L
RT: 10.13 min Scan# 2735
Delta R.T. -0.01 min
Lab File: VU036750.D
Acq: 12 Feb 2020 15:01

Tgt Ion:104 Resp: 7272
Ion Ratio Lower Upper
104 100
78 69.5 33.5 62.3#



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VU0





#56

Isopropylbenzene

Concen: 0.821 ug/L

RT: 10.50 min Scan# 2850

Delta R.T. -0.00 min

Lab File: VU036750.D

Acq: 12 Feb 2020 15:01

Instrument :

MSVOA_U

ClientSampleId :

DBCT6

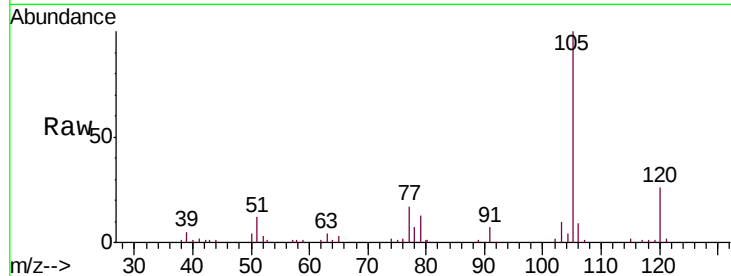
Tgt Ion:105 Resp: 33859

Ion Ratio Lower Upper

105 100

120 25.0 20.5 30.7

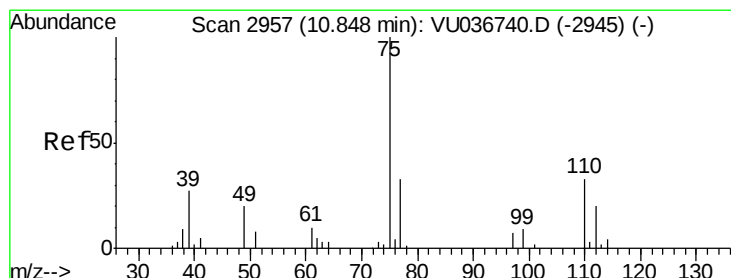
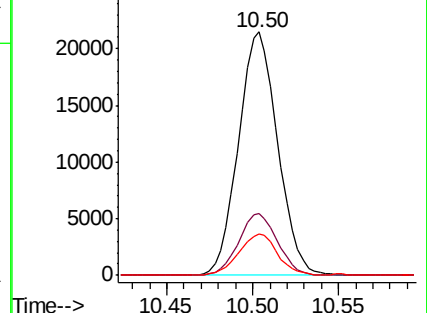
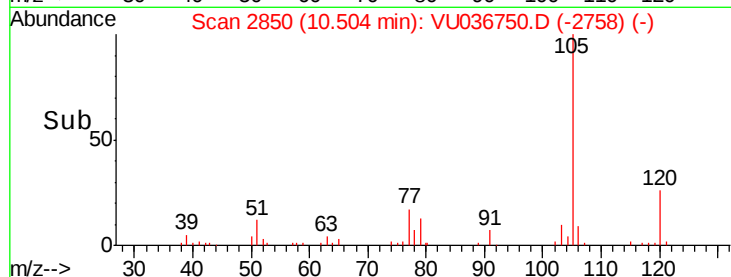
77 16.8 13.0 19.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU



#59

1,2,3-Trichloropropane

Concen: 0.443 ug/L

RT: 11.01 min Scan# 3009

Delta R.T. 0.17 min

Lab File: VU036750.D

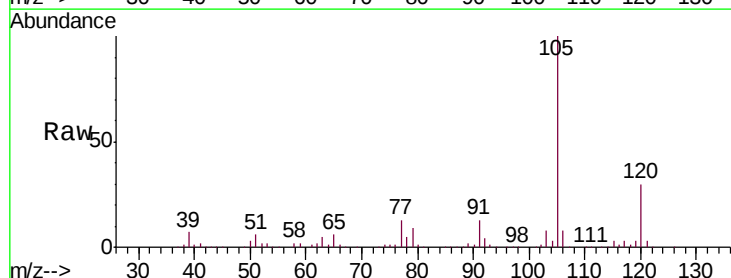
Acq: 12 Feb 2020 15:01

Tgt Ion: 75 Resp: 2840

Ion Ratio Lower Upper

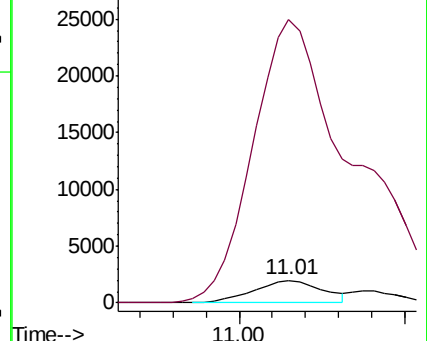
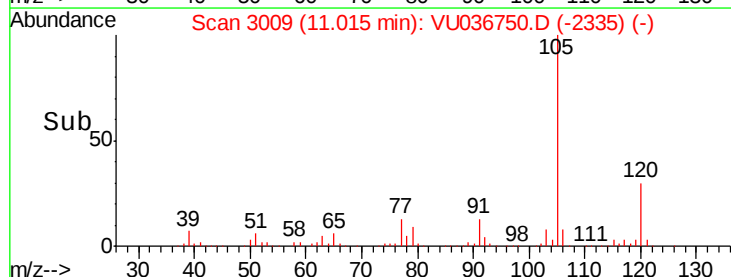
75 100

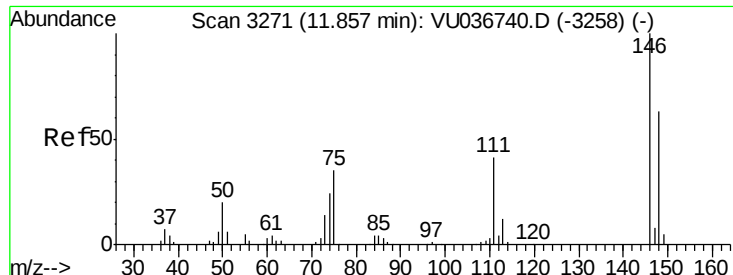
77 1850.2 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VU

Ion 77.00 (76.70 to 77.70): VU





#63

1,4-Dichlorobenzene

Concen: 0.077 ug/L

RT: 11.85 min Scan# 3269

Delta R.T. -0.01 min

Lab File: VU036750.D

Acq: 12 Feb 2020 15:01

Instrument :

MSVOA_U

ClientSampled :

DBCT6

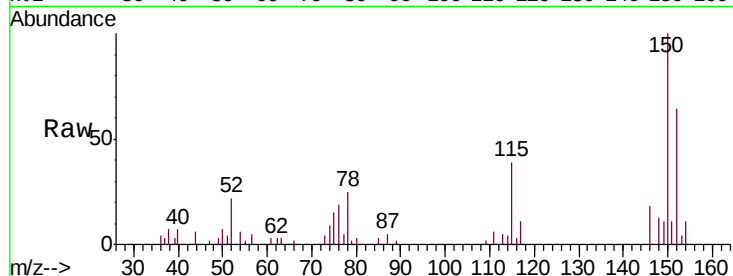
Tgt Ion:146 Resp: 1498

Ion Ratio Lower Upper

146 100

111 36.1 29.2 54.2

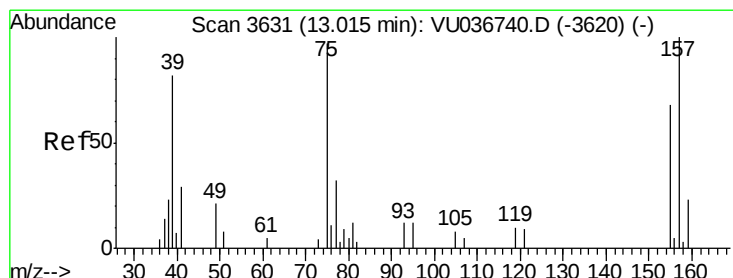
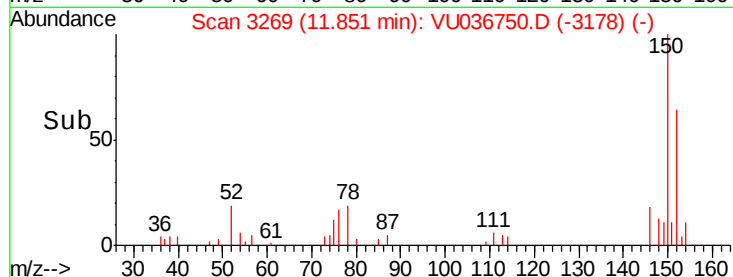
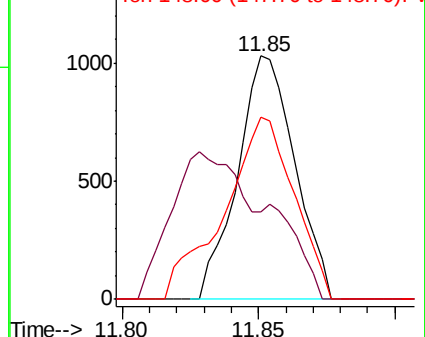
148 74.8 44.3 82.3



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 18.461 ug/L

RT: 13.05 min Scan# 3643

Delta R.T. 0.04 min

Lab File: VU036750.D

Acq: 12 Feb 2020 15:01

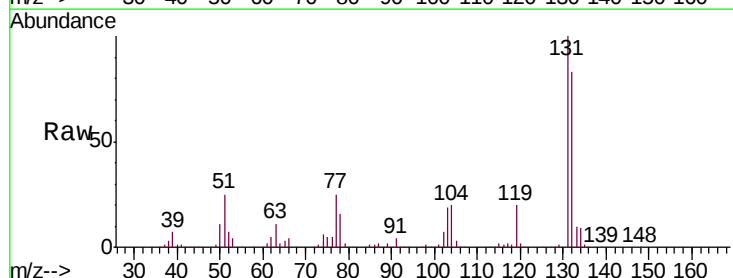
Tgt Ion: 75 Resp: 26120

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): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

