

Data File : VU036755.D
Acq On : 12 Feb 2020 17:12
Operator : JC/MD
Sample : L1487-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCT9

Quant Time: Feb 13 01:04:13 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	131603	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	123584	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	56806	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	51857	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.93	69	47270	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.59	63	67718	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	4.67	46	114052	48.05	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.10%
24) Chloroform-d	5.11	84	75700	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.74	65	46627	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.76	84	179423	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.73	67	57614	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.92	98	167138	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	8.21	79	20916	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.66	63	106989	50.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.08%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	43373	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	56349	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

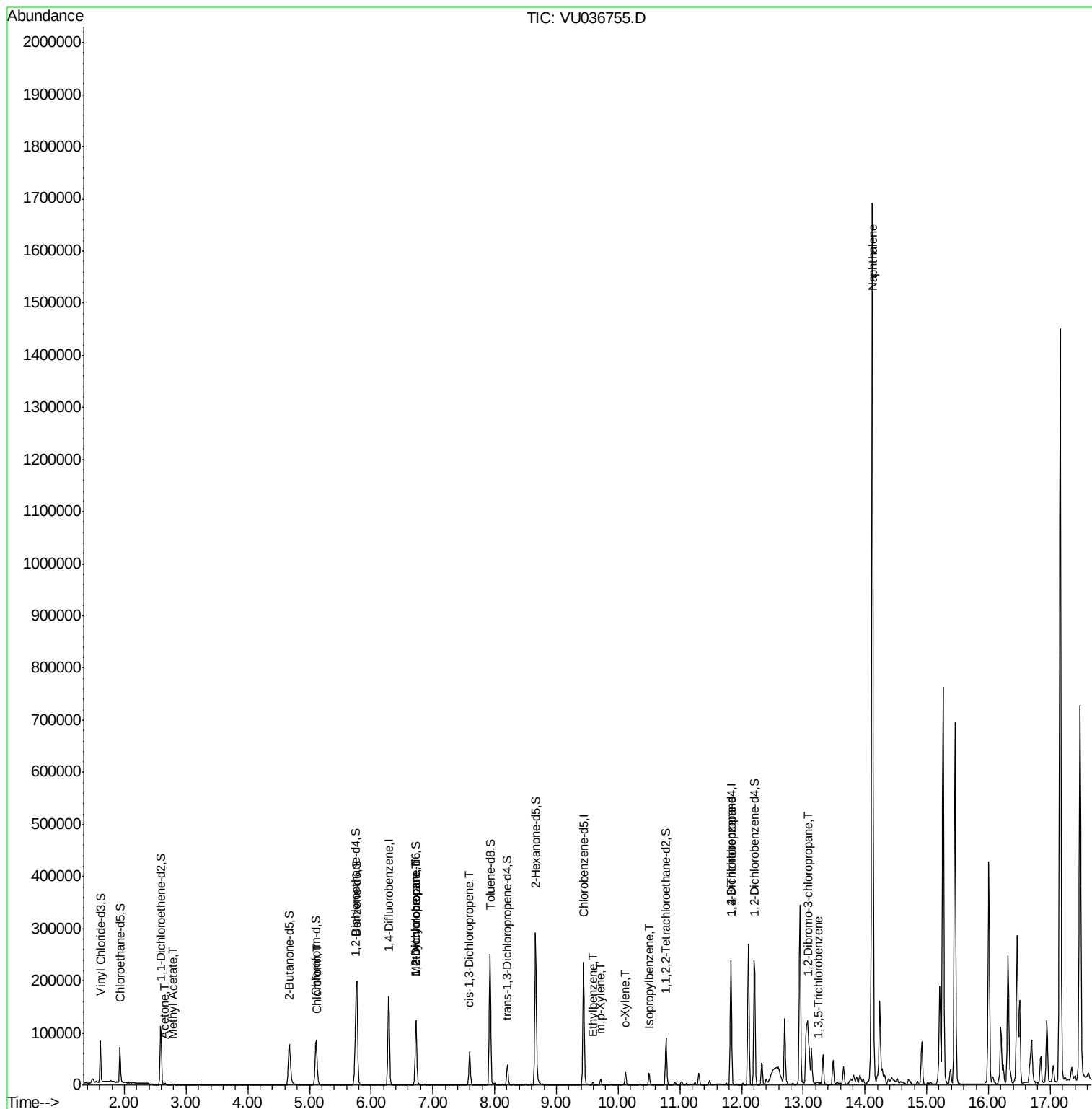
					Qvalue
13) Acetone	2.66	43	3146	1.037 ug/L	94
15) Methyl Acetate	2.79	43	716	0.178 ug/L #	52
25) Chloroform	5.13	83	6326	0.342 ug/L	95
35) Methylcyclohexane	6.73	83	12589	0.817 ug/L #	20
37) 1,2-Dichloropropane	6.73	63	6461	0.621 ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	1478	0.098 ug/L #	53
52) Ethylbenzene	9.59	91	4119	0.090 ug/L	99
53) m,p-Xylene	9.71	106	3054	0.181 ug/L	95
54) o-Xylene	10.12	106	6003	0.363 ug/L	95
56) Isopropylbenzene	10.50	105	14274	0.323 ug/L	98
59) 1,2,3-Trichloropropane	11.83	75	8277	1.204 ug/L #	86
66) 1,2-Dibromo-3-chloropropan	13.07	75	5388	3.827 ug/L #	11
67) 1,3,5-Trichlorobenzene	13.25	180	1252	0.091 ug/L #	18
69) Naphthalene	14.12	128	1287671	68.404 ug/L	100

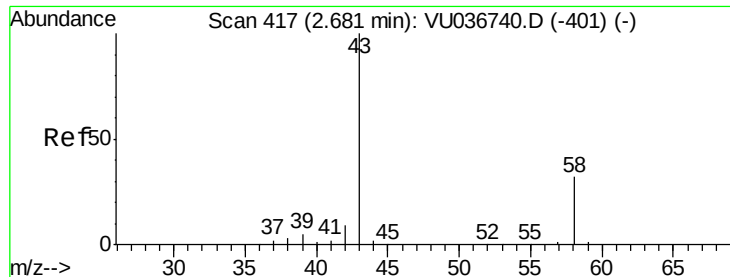
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.037 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.03 min

Lab File: VU036755.D

Acq: 12 Feb 2020 17:12

Instrument :

MSVOA_U

ClientSampleId :

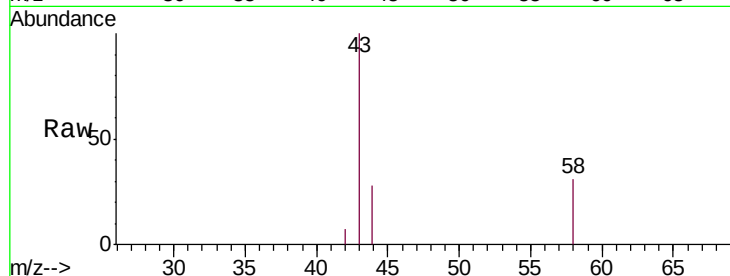
DBCT9

Tgt Ion: 43 Resp: 3146

Ion Ratio Lower Upper

43 100

58 28.9 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036740.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU036740.D (-401) (-)

2000

1500

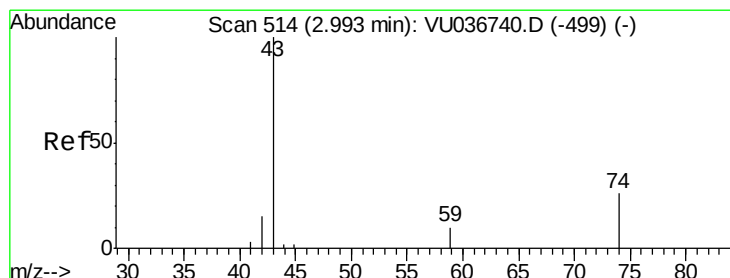
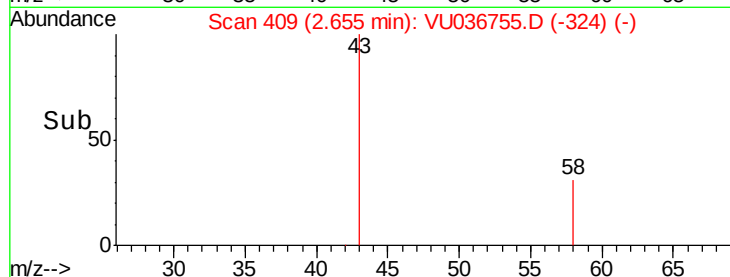
1000

500

0

2.60 2.65 2.70

Time-->



#15

Methyl Acetate

Concen: 0.178 ug/L

RT: 2.79 min Scan# 450

Delta R.T. -0.21 min

Lab File: VU036755.D

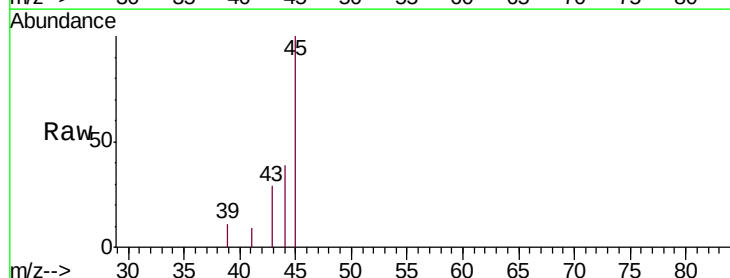
Acq: 12 Feb 2020 17:12

Tgt Ion: 43 Resp: 716

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) (-)

400

300

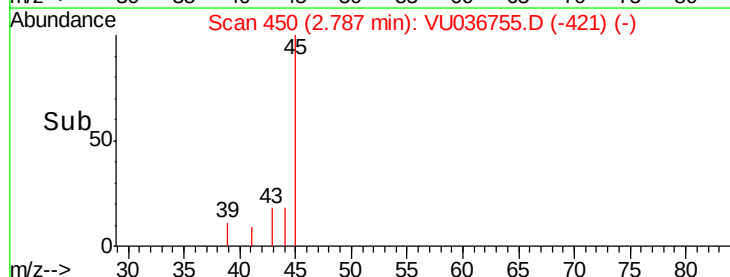
200

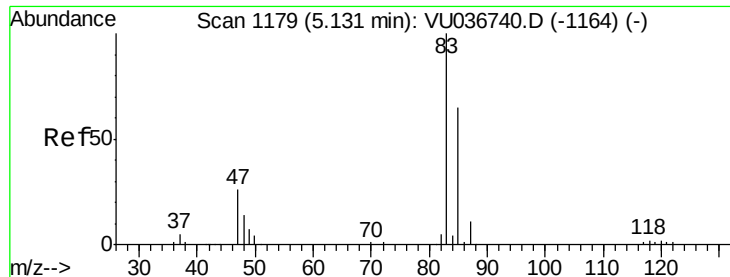
100

0

2.75 2.80

Time-->

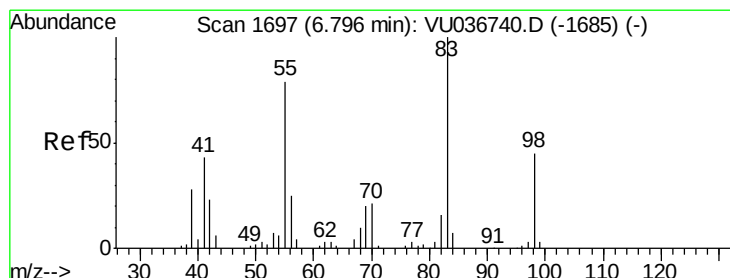
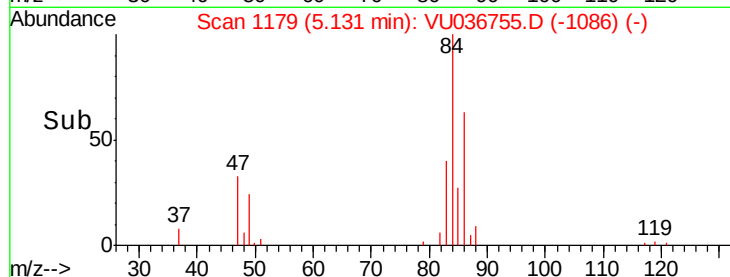
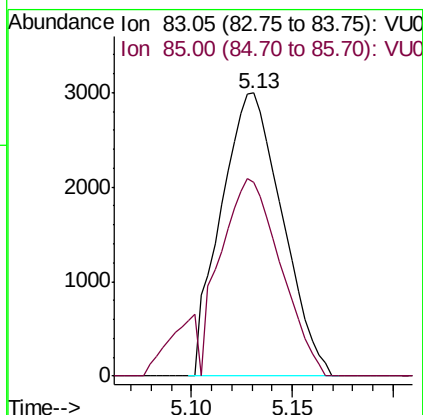
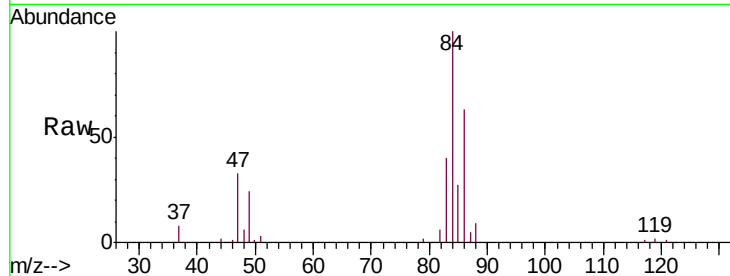




#25
Chloroform
Concen: 0.342 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU036755.D
Acq: 12 Feb 2020 17:12

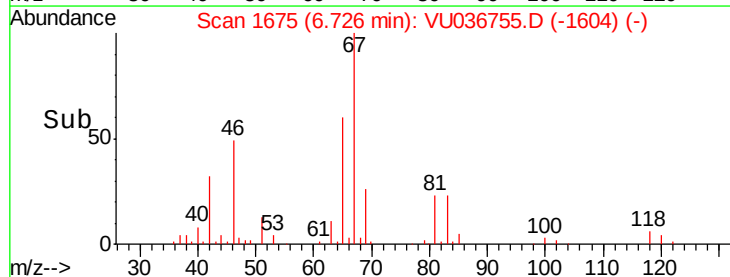
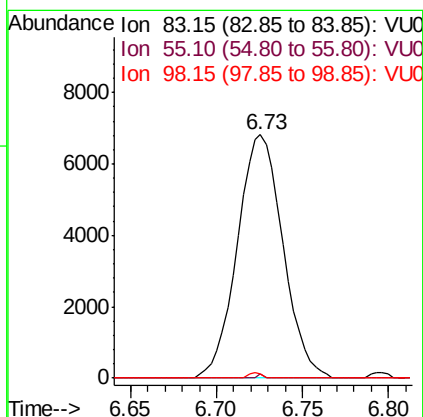
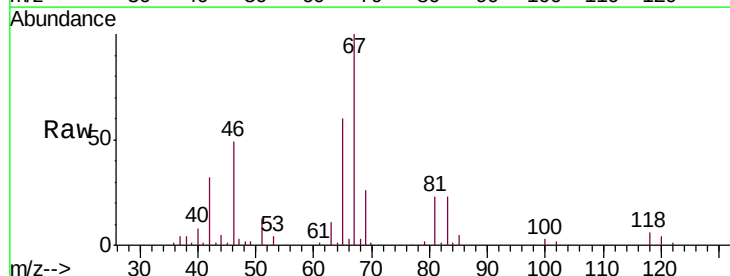
Instrument :
MSVOA_U
ClientSampleId :
DBCT9

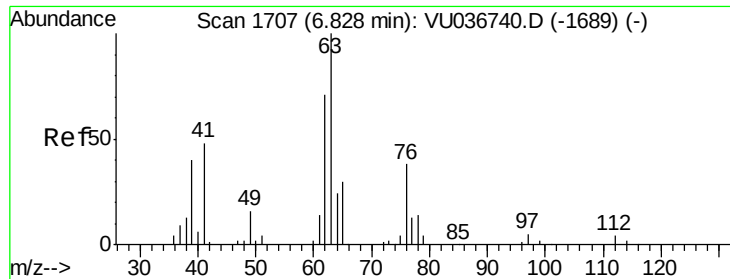
Tgt Ion: 83 Resp: 6326
Ion Ratio Lower Upper
83 100
85 68.6 45.4 84.2



#35
Methylcyclohexane
Concen: 0.817 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036755.D
Acq: 12 Feb 2020 17:12

Tgt Ion: 83 Resp: 12589
Ion Ratio Lower Upper
83 100
55 0.2 61.0 91.4#
98 0.6 34.2 51.4#

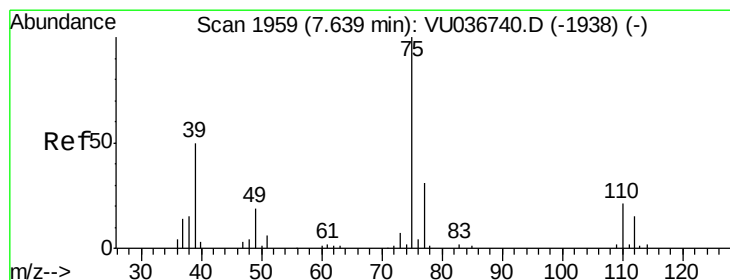
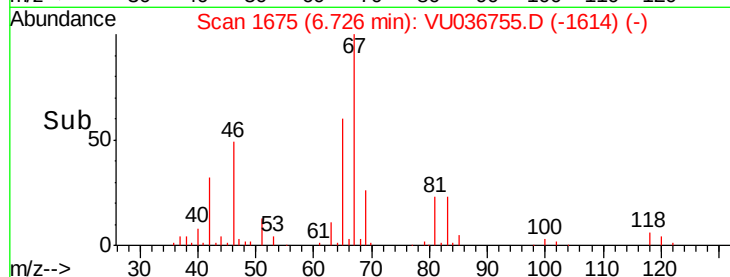
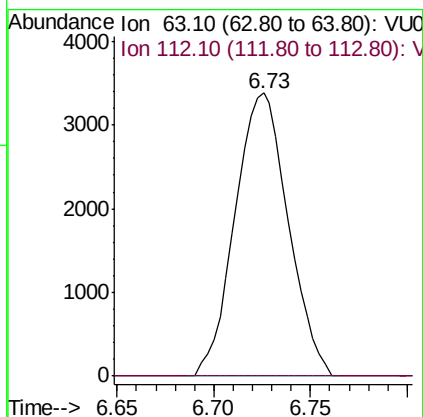
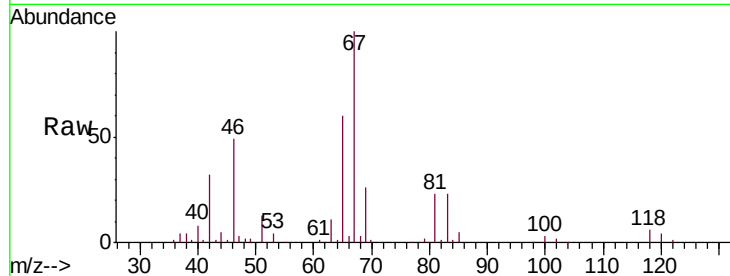




#37
 1,2-Dichloropropane
 Concen: 0.621 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU036755.D
 Acq: 12 Feb 2020 17:12

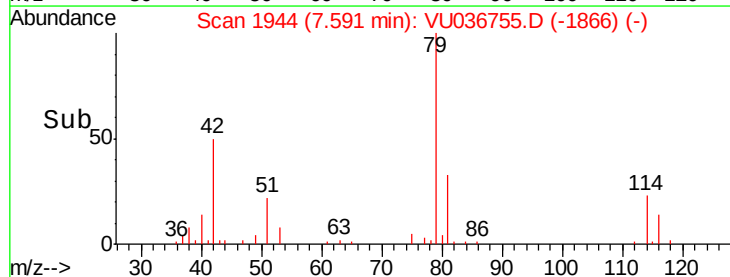
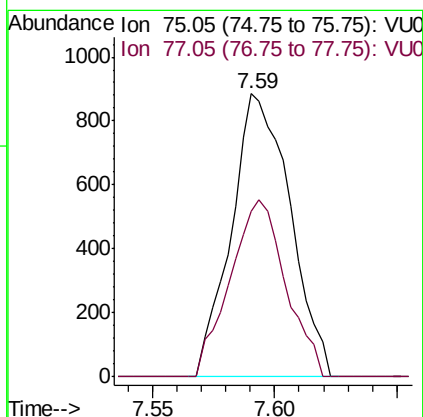
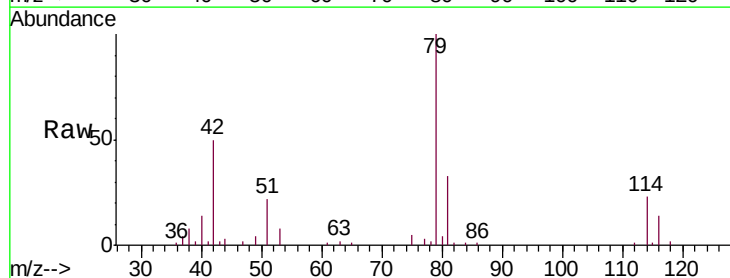
Instrument :
 MSVOA_U
 ClientSampleId :
 DBCT9

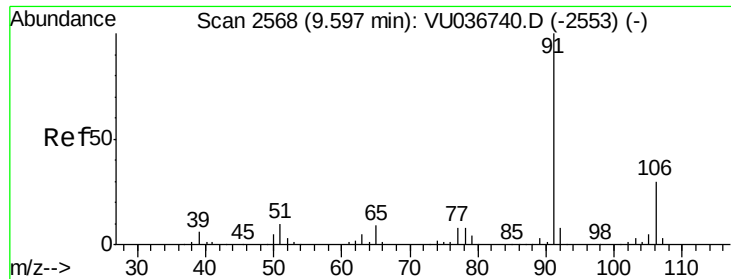
Tgt Ion: 63 Resp: 6461
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU036755.D
 Acq: 12 Feb 2020 17:12

Tgt Ion: 75 Resp: 1478
 Ion Ratio Lower Upper
 75 100
 77 58.4 22.5 41.9#





#52

Ethylbenzene

Concen: 0.090 ug/L

RT: 9.59 min Scan# 2566

Delta R.T. -0.01 min

Lab File: VU036755.D

Acq: 12 Feb 2020 17:12

Instrument :

MSVOA_U

ClientSampleId :

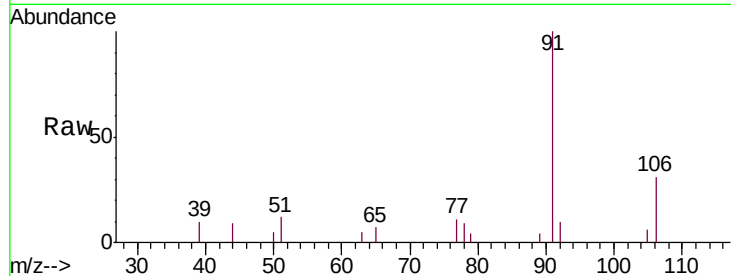
DBCT9

Tgt Ion: 91 Resp: 4119

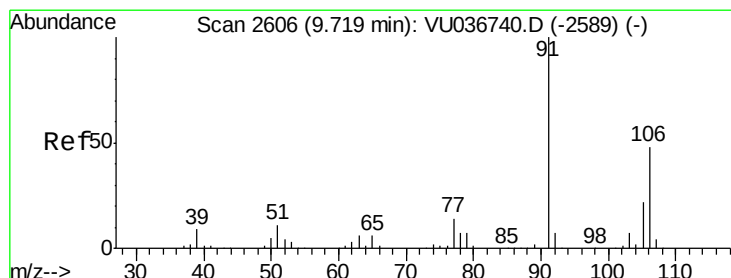
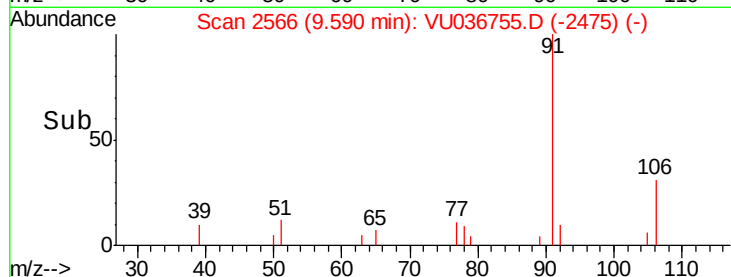
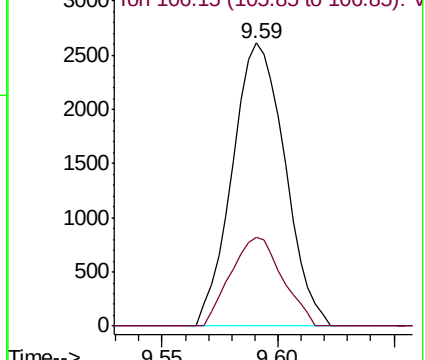
Ion Ratio Lower Upper

91 100

106 31.4 21.5 39.9



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



#53

m,p-Xylene

Concen: 0.181 ug/L

RT: 9.71 min Scan# 2604

Delta R.T. -0.01 min

Lab File: VU036755.D

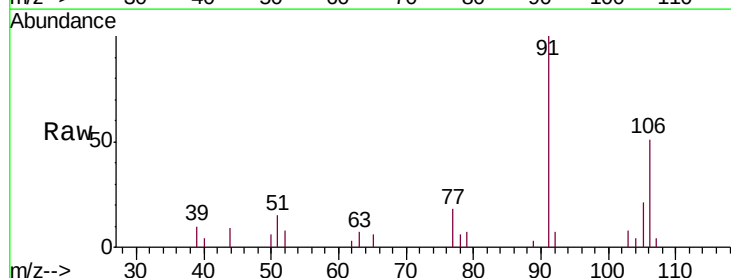
Acq: 12 Feb 2020 17:12

Tgt Ion: 106 Resp: 3054

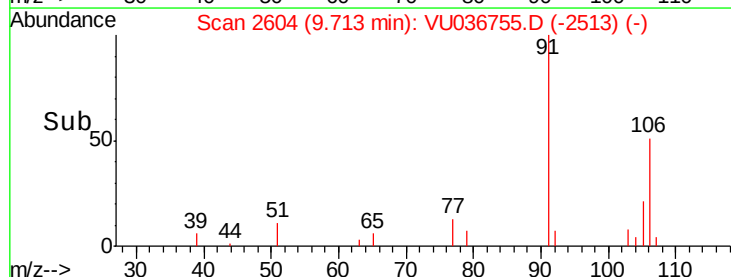
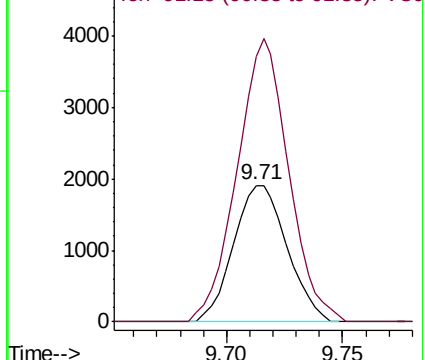
Ion Ratio Lower Upper

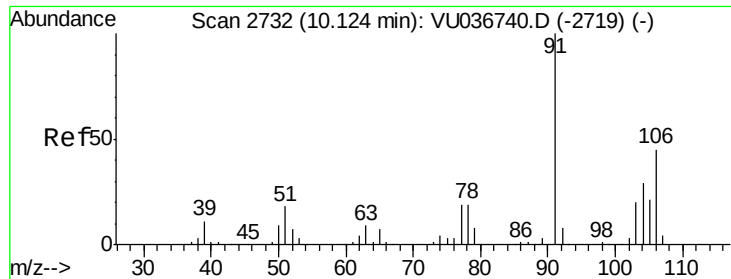
106 100

91 194.3 141.1 262.0



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

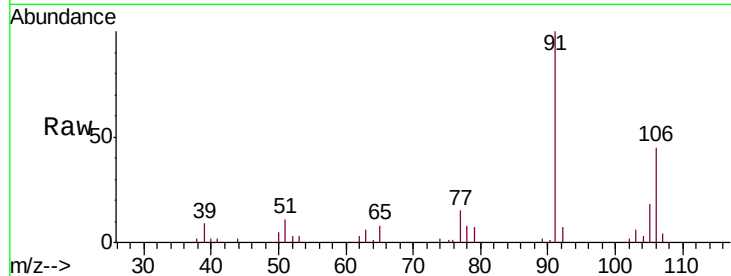




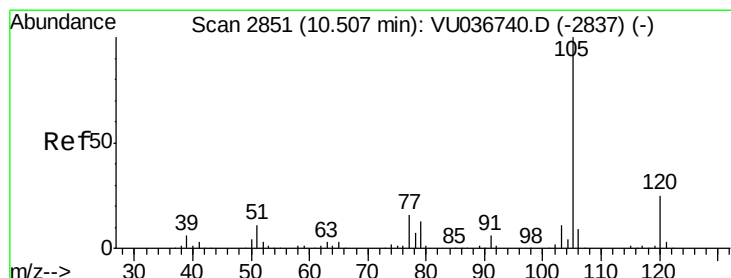
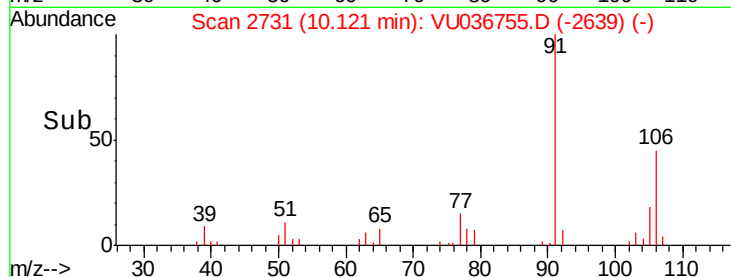
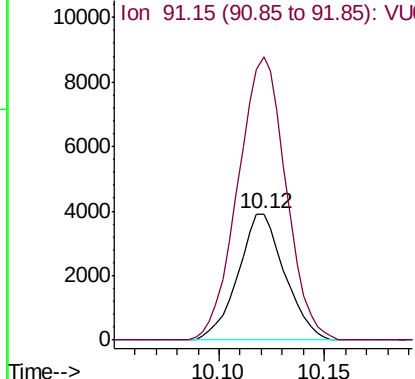
#54
o-Xylene
Concen: 0.363 ug/L
RT: 10.12 min Scan# 2731
Delta R.T. -0.00 min
Lab File: VU036755.D
Acq: 12 Feb 2020 17:12

Instrument :
MSVOA_U
ClientSampled :
DBCT9

Tgt Ion:106 Resp: 6003
Ion Ratio Lower Upper
106 100
91 224.3 151.1 280.5

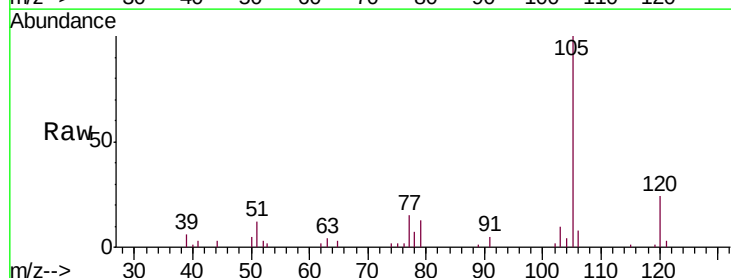


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

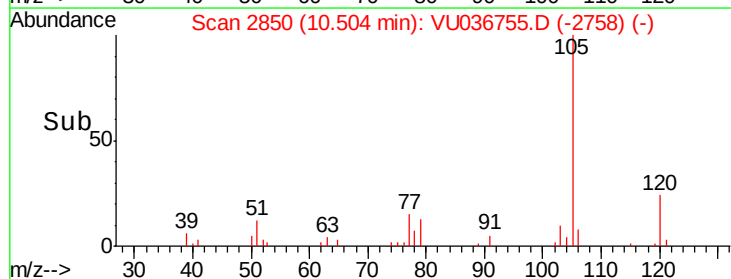
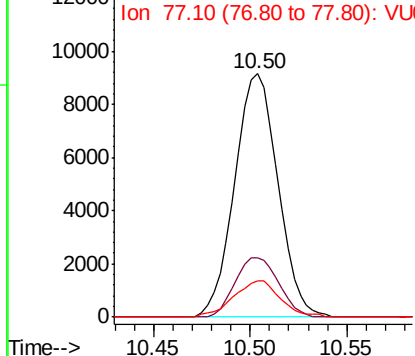


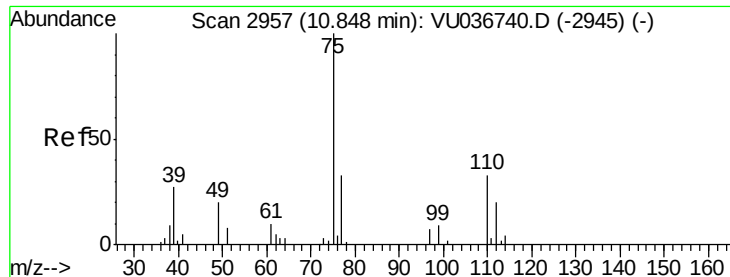
#56
Isopropylbenzene
Concen: 0.323 ug/L
RT: 10.50 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VU036755.D
Acq: 12 Feb 2020 17:12

Tgt Ion:105 Resp: 14274
Ion Ratio Lower Upper
105 100
120 24.5 20.5 30.7
77 16.0 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): VU0





#59

1,2,3-Trichloropropane

Concen: 1.204 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036755.D

Acq: 12 Feb 2020 17:12

Instrument :

MSVOA_U

ClientSampleId :

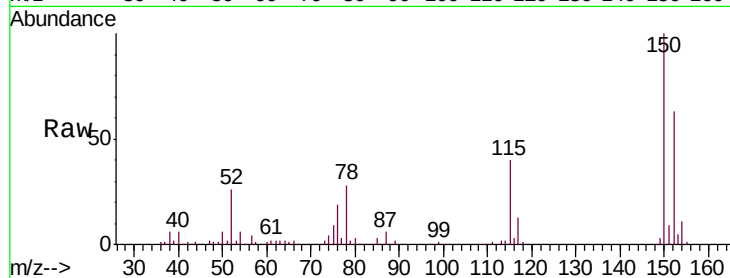
DBCT9

Tgt Ion: 75 Resp: 8277

Ion Ratio Lower Upper

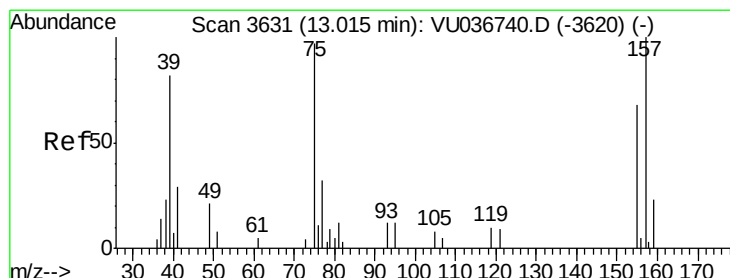
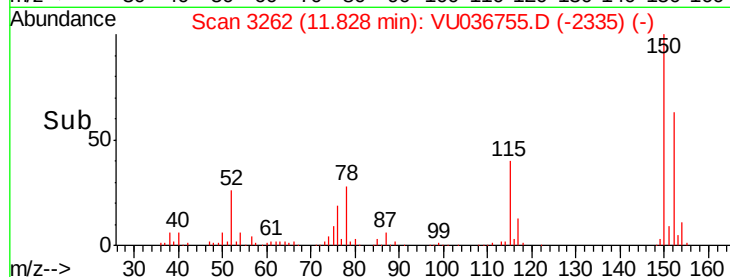
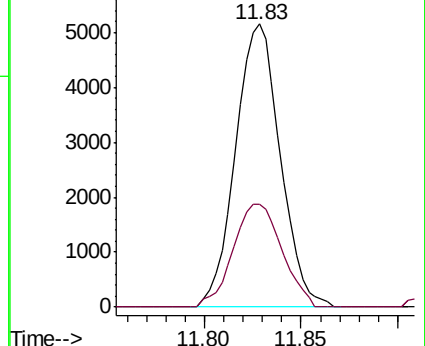
75 100

77 39.7 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#66

1,2-Dibromo-3-chloropropane

Concen: 3.827 ug/L

RT: 13.07 min Scan# 3649

Delta R.T. 0.06 min

Lab File: VU036755.D

Acq: 12 Feb 2020 17:12

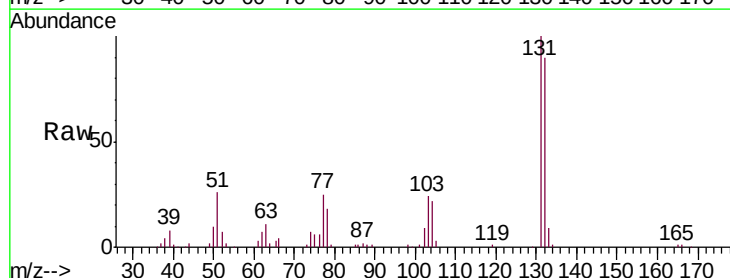
Tgt Ion: 75 Resp: 5388

Ion Ratio Lower Upper

75 100

155 0.0 52.9 79.3#

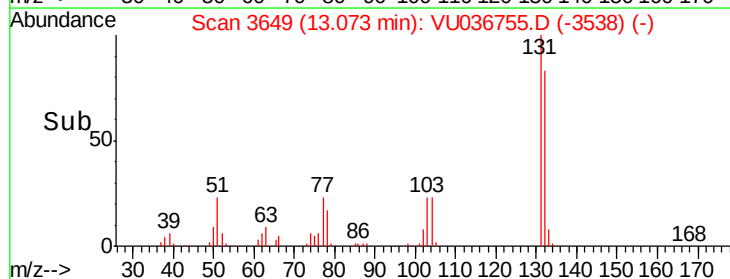
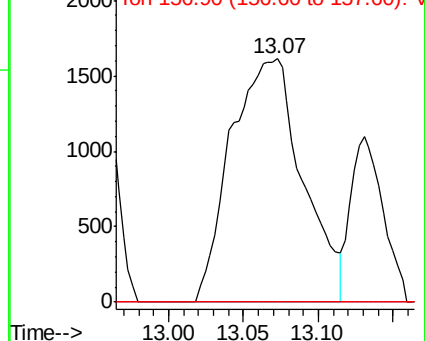
157 0.0 69.2 103.8#

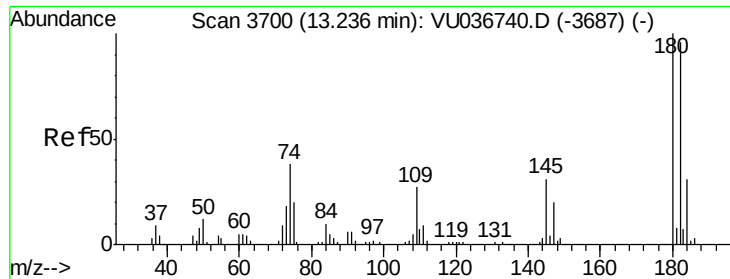


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

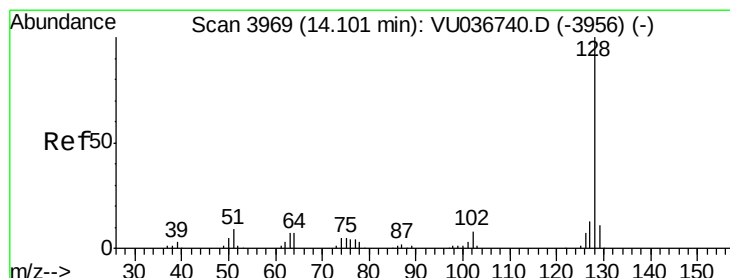
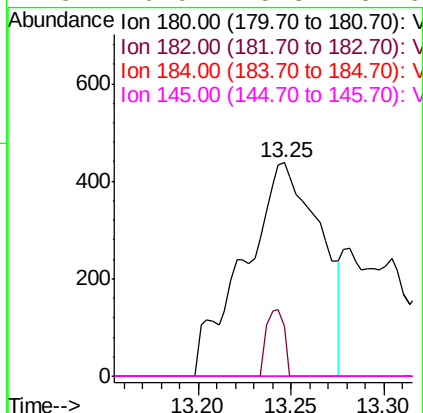
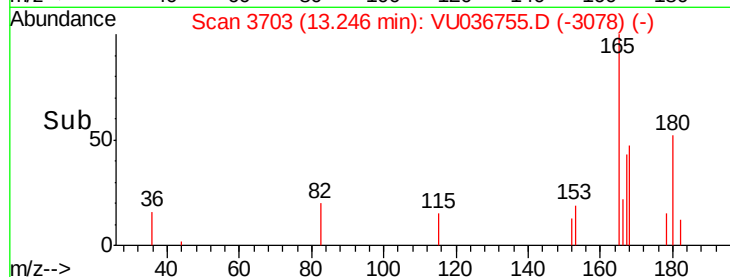
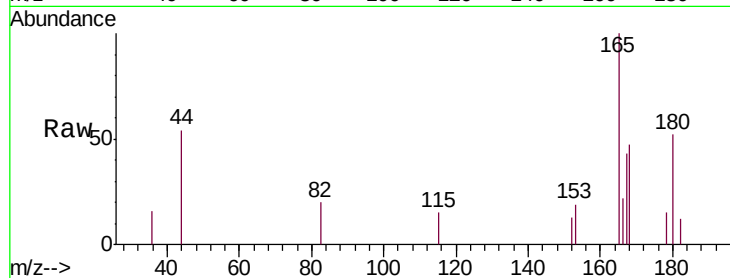




#67
 1,3,5-Trichlorobenzene
 Concen: 0.091 ug/L
 RT: 13.25 min Scan# 3703
 Delta R.T. 0.01 min
 Lab File: VU036755.D
 Acq: 12 Feb 2020 17:12

Instrument :
 MSVOA_U
 ClientSampleId :
 DBCT9

Tgt Ion:180 Resp: 1252
 Ion Ratio Lower Upper
 180 100
 182 0.0 76.4 114.6#
 184 0.0 24.6 37.0#
 145 0.0 25.3 37.9#



#69
 Naphthalene
 Concen: 68.404 ug/L
 RT: 14.12 min Scan# 3974
 Delta R.T. 0.02 min
 Lab File: VU036755.D
 Acq: 12 Feb 2020 17:12

Tgt Ion:128 Resp: 1287671
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.0 13.4
 127 13.3 10.8 16.2

