

Data File : VU036751.D
Acq On : 12 Feb 2020 15:26
Operator : JC/MD
Sample : L1487-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCT7

Quant Time: Feb 13 01:03:34 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	127696	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	119766	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	59057	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	52730	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.93	69	45771	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.59	63	67819	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	4.67	46	117216	50.90	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.80%
24) Chloroform-d	5.11	84	81157	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.74	65	46176	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.76	84	178812	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.73	67	56735	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.93	98	165038	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	8.20	79	21177	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.66	63	104949	51.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.32%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	43572	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	56109	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

					Qvalue
12) 1,1-Dichloroethene	2.59	96	547	0.070 ug/L #	1
13) Acetone	2.66	43	4233	1.437 ug/L	95
33) Benzene	5.81	78	27422	0.742 ug/L	100
35) Methylcyclohexane	6.73	83	12344	0.827 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	5927	0.588 ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	1585	0.109 ug/L #	63
42) Toluene	8.00	91	13926	0.351 ug/L	96
52) Ethylbenzene	9.59	91	113293	2.557 ug/L	100
53) m,p-Xylene	9.71	106	112705	6.911 ug/L	96
54) o-Xylene	10.12	106	40440	2.525 ug/L	93
55) Styrene	10.13	104	8628	0.320 ug/L #	46
56) Isopropylbenzene	10.50	105	38656	0.902 ug/L	99
59) 1,2,3-Trichloropropane	11.02	75	4359	0.655 ug/L #	1
63) 1,4-Dichlorobenzene	11.85	146	1577	0.078 ug/L	93
66) 1,2-Dibromo-3-chloropropan	13.05	75	31709	21.662 ug/L #	11
67) 1,3,5-Trichlorobenzene	13.25	180	1345	0.094 ug/L #	18

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

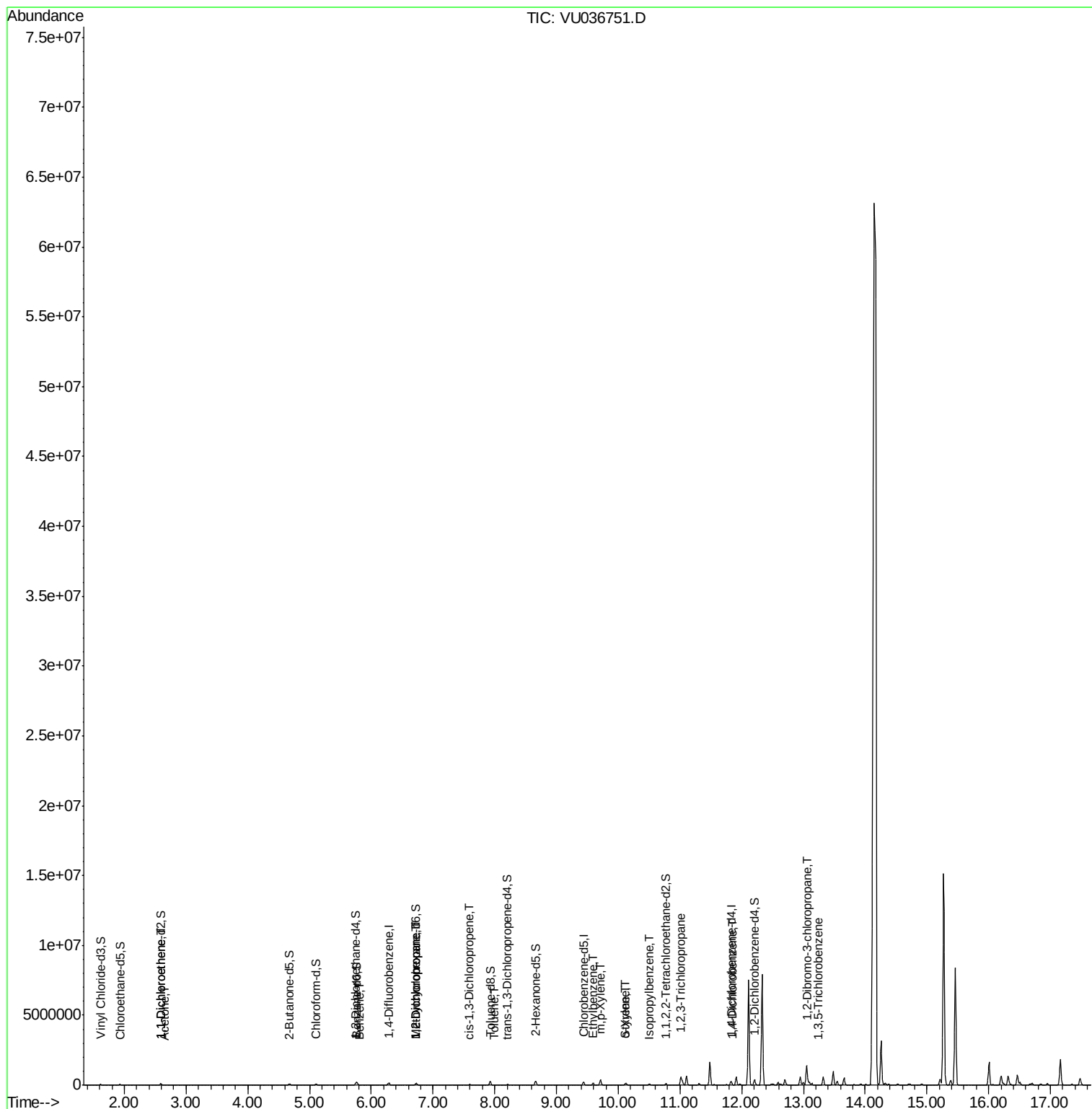
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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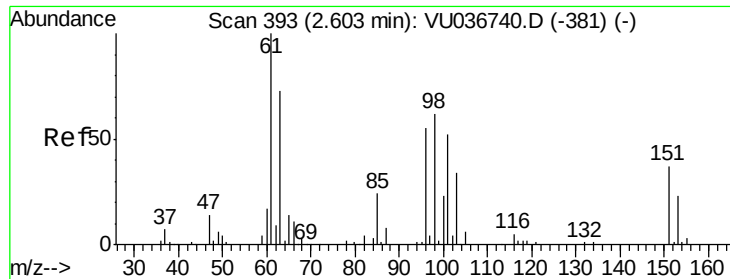
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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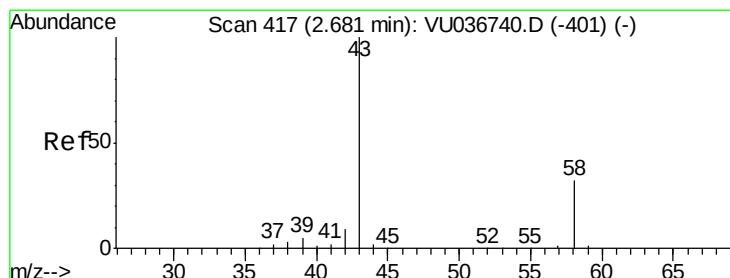
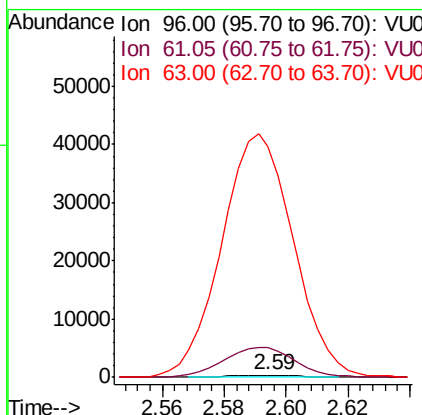
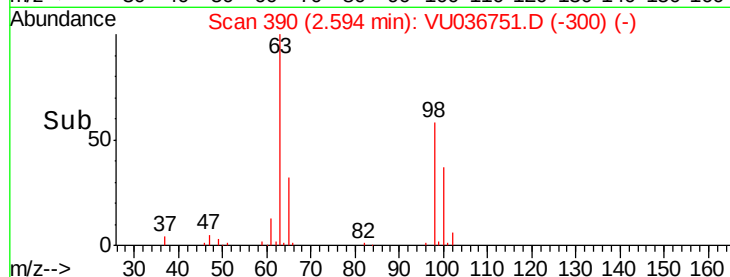
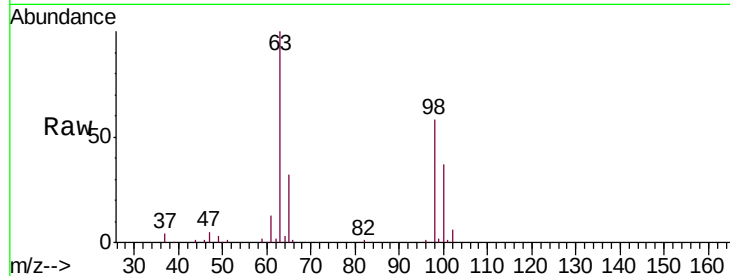




#12
 1,1-Dichloroethene
 Concen: 0.070 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: VU036751.D
 Acq: 12 Feb 2020 15:26

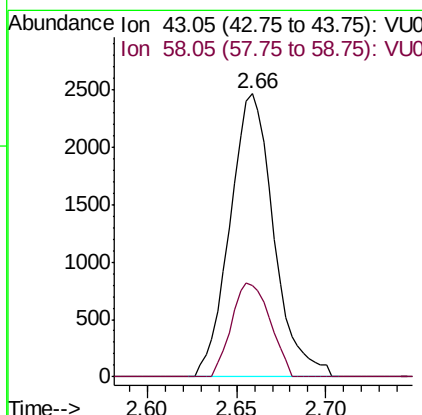
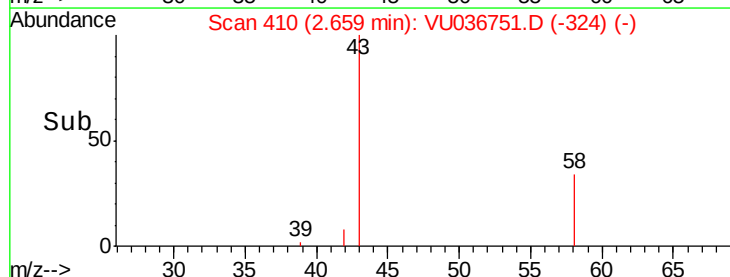
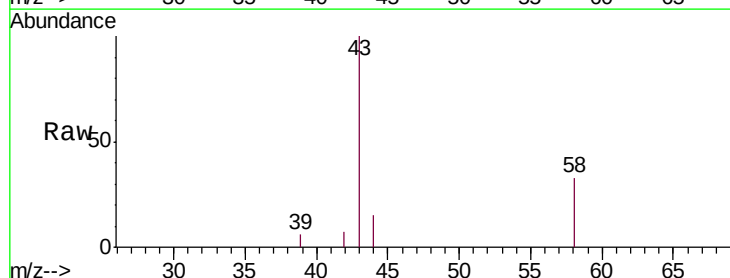
Instrument :
 MSVOA_U
 ClientSampleId :
 DBCT7

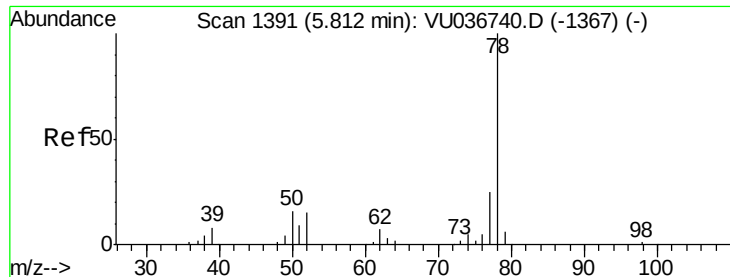
Tgt Ion: 96 Resp: 547
 Ion Ratio Lower Upper
 96 100
 61 1394.0 126.4 234.8#
 63 10862.5 89.5 166.3#



#13
 Acetone
 Concen: 1.437 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. -0.02 min
 Lab File: VU036751.D
 Acq: 12 Feb 2020 15:26

Tgt Ion: 43 Resp: 4233
 Ion Ratio Lower Upper
 43 100
 58 29.1 0.0 64.2





#33

Benzene

Concen: 0.742 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU036751.D

Acq: 12 Feb 2020 15:26

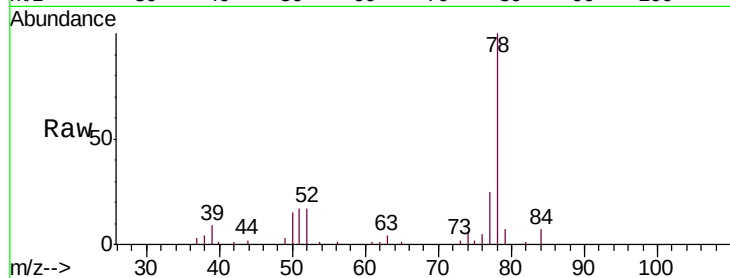
Instrument :

MSVOA_U

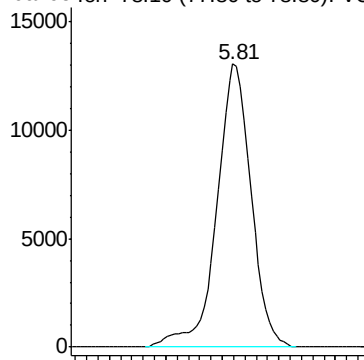
ClientSampleId :

DBCT7

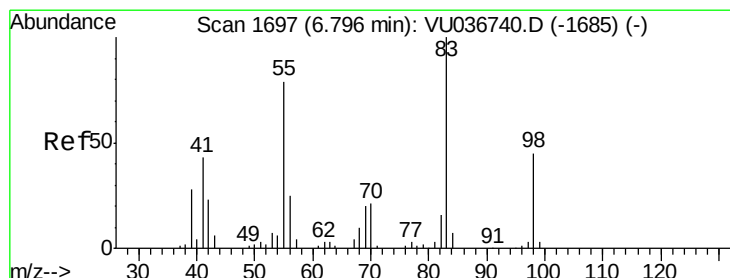
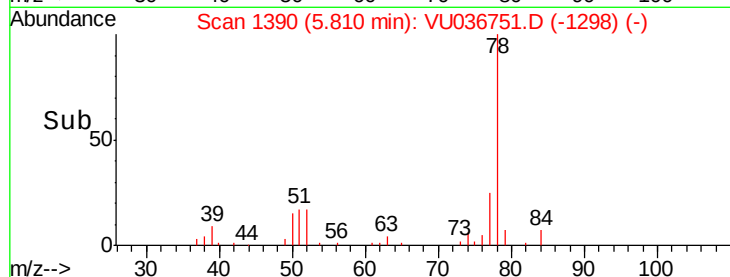
Tgt Ion: 78 Resp: 27422



Abundance Ion 78.10 (77.80 to 78.80): VU0



Time-->



#35

Methylcyclohexane

Concen: 0.827 ug/L

RT: 6.73 min Scan# 1675

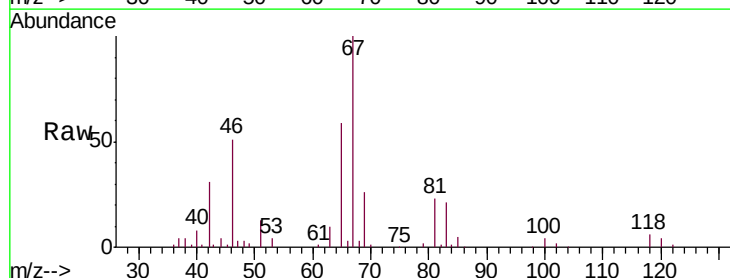
Delta R.T. -0.07 min

Lab File: VU036751.D

Acq: 12 Feb 2020 15:26

Tgt Ion: 83 Resp: 12344

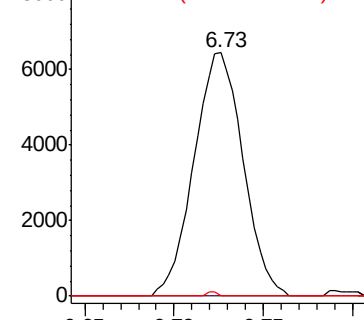
Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.0	91.4#
98	0.4	34.2	51.4#



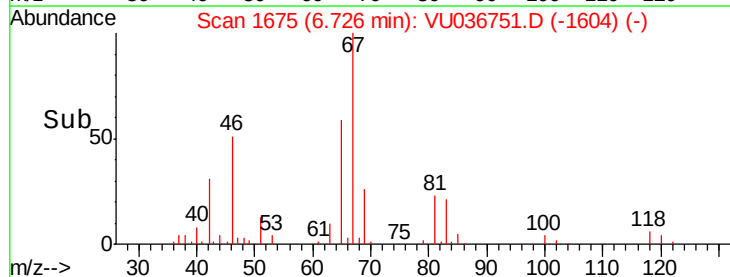
Abundance Ion 83.15 (82.85 to 83.85): VU0

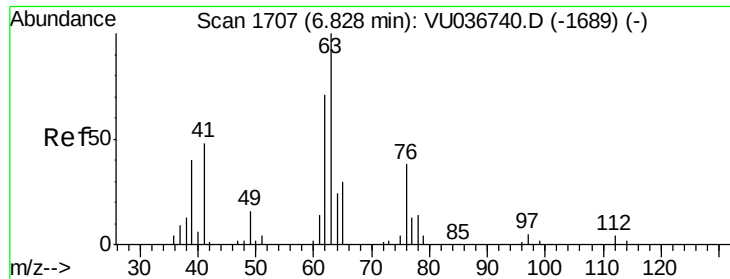
Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



Time-->

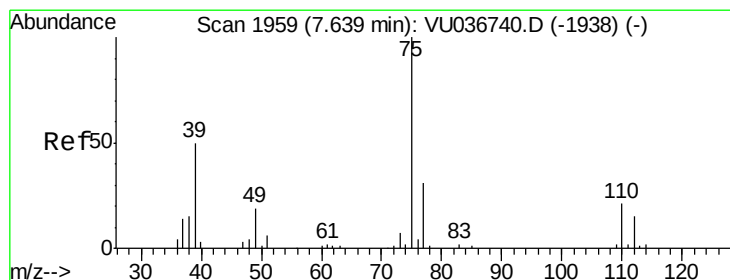
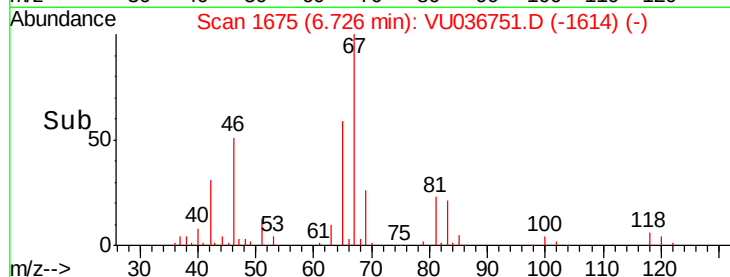
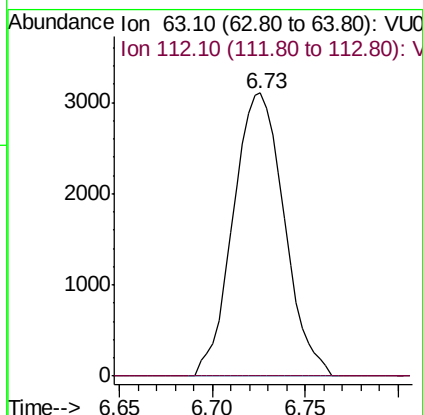
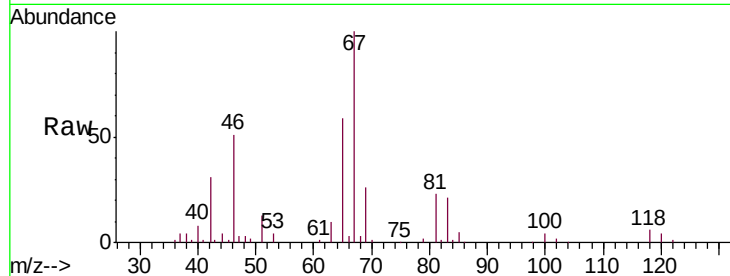




#37
 1,2-Dichloropropane
 Concen: 0.588 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU036751.D
 Acq: 12 Feb 2020 15:26

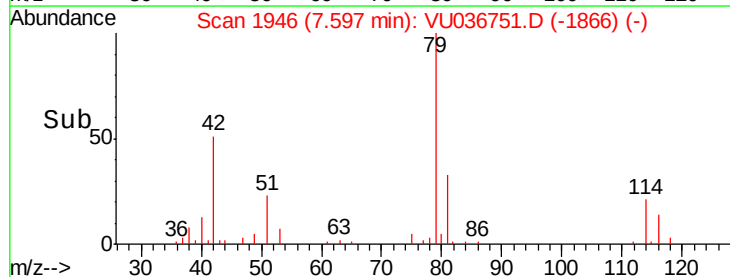
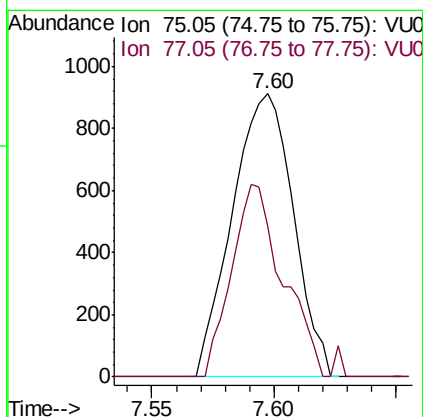
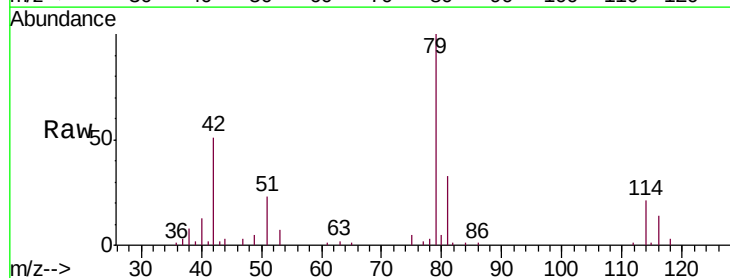
Instrument :
 MSVOA_U
 ClientSampleId :
 DBCT7

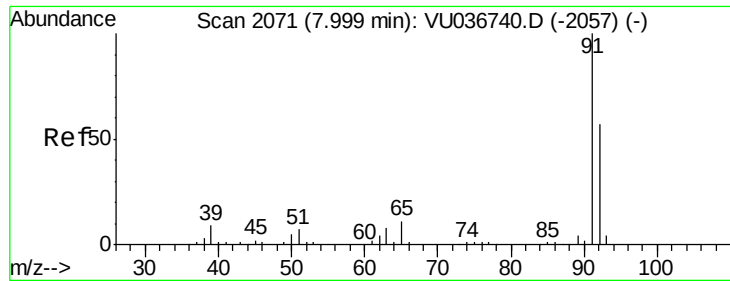
Tgt Ion: 63 Resp: 5927
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.109 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU036751.D
 Acq: 12 Feb 2020 15:26

Tgt Ion: 75 Resp: 1585
 Ion Ratio Lower Upper
 75 100
 77 53.1 22.5 41.9#





#42

Toluene

Concen: 0.351 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU036751.D

Acq: 12 Feb 2020 15:26

Instrument :

MSVOA_U

ClientSampleId :

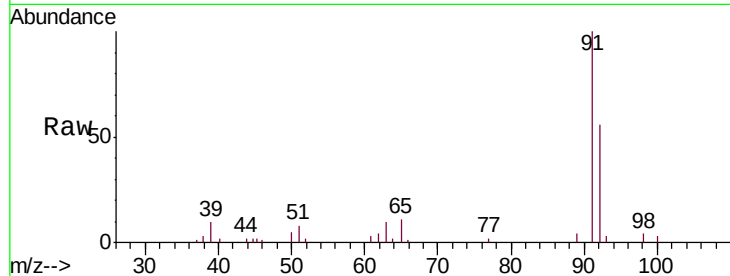
DBCT7

Tgt Ion: 91 Resp: 13926

Ion Ratio Lower Upper

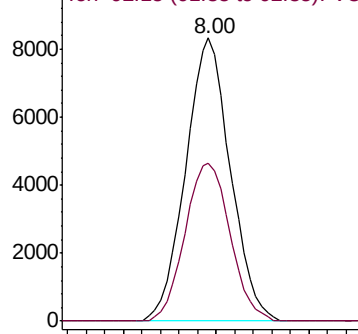
91 100

92 55.7 41.2 76.4

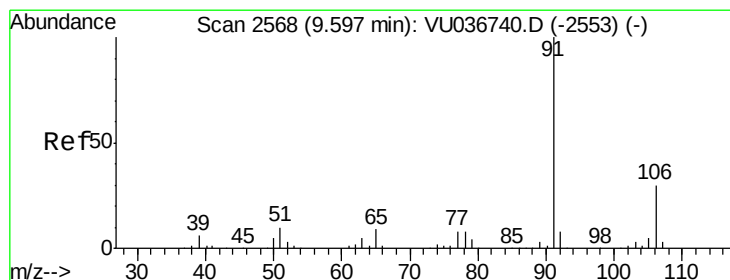
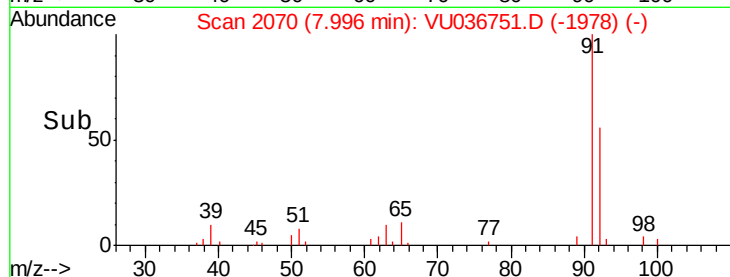


Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



Time-->



#52

Ethylbenzene

Concen: 2.557 ug/L

RT: 9.59 min Scan# 2566

Delta R.T. -0.01 min

Lab File: VU036751.D

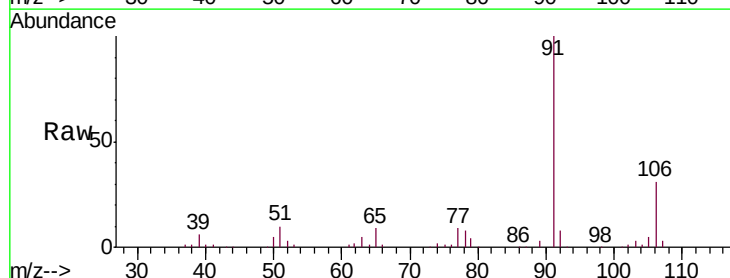
Acq: 12 Feb 2020 15:26

Tgt Ion: 91 Resp: 113293

Ion Ratio Lower Upper

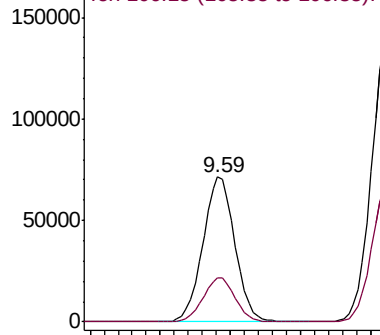
91 100

106 30.6 21.5 39.9

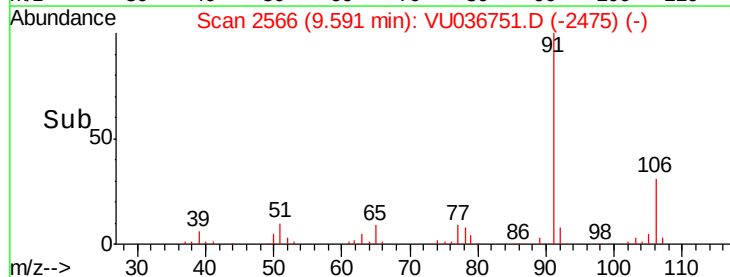


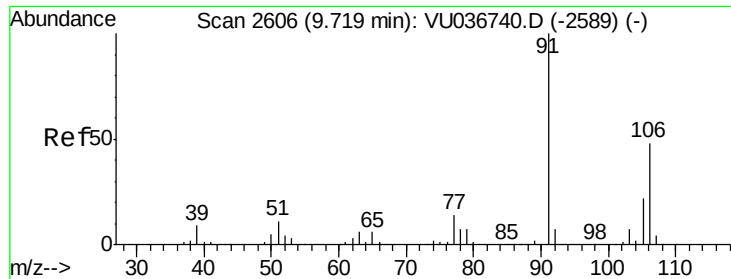
Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V



Time-->

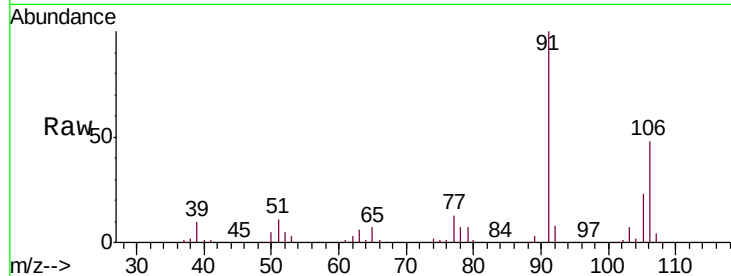




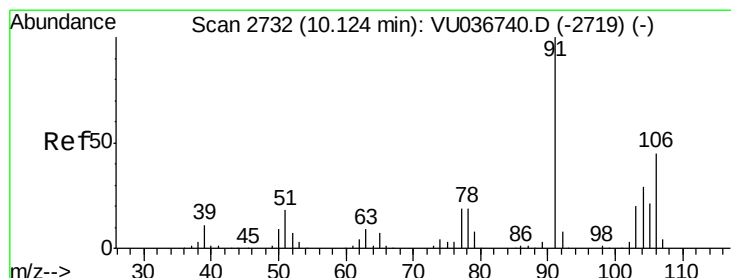
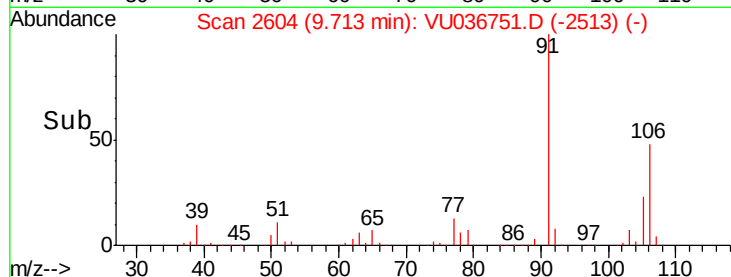
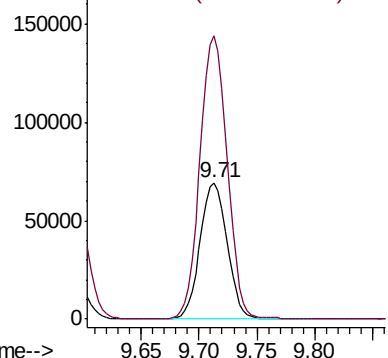
#53
m,p-Xylene
Concen: 6.911 ug/L
RT: 9.71 min Scan# 2604
Delta R.T. -0.01 min
Lab File: VU036751.D
Acq: 12 Feb 2020 15:26

Instrument :
MSVOA_U
ClientSampleId :
DBCT7

Tgt Ion:106 Resp: 112705
Ion Ratio Lower Upper
106 100
91 207.8 141.1 262.0

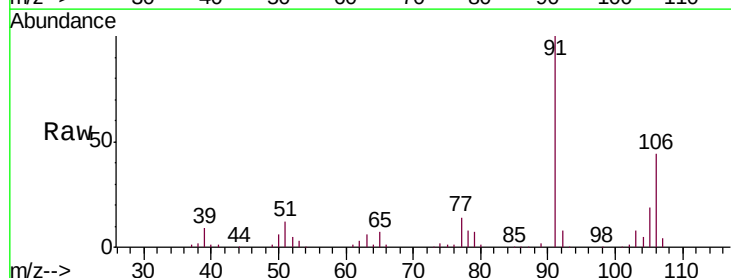


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

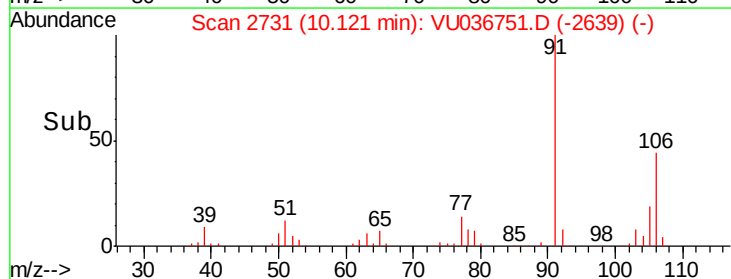
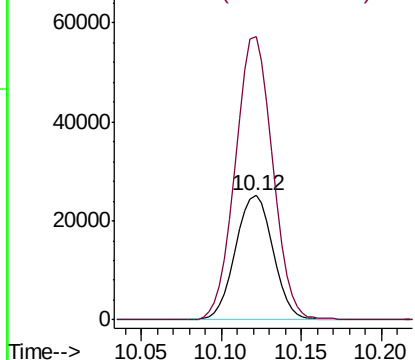


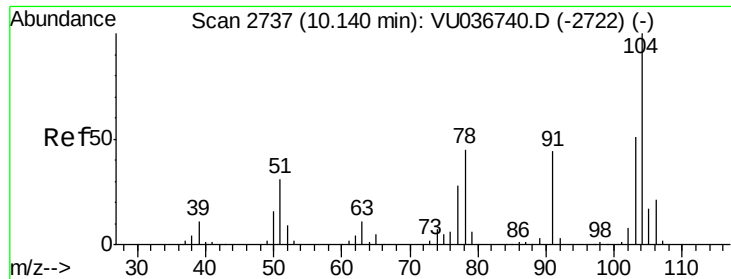
#54
o-Xylene
Concen: 2.525 ug/L
RT: 10.12 min Scan# 2731
Delta R.T. -0.00 min
Lab File: VU036751.D
Acq: 12 Feb 2020 15:26

Tgt Ion:106 Resp: 40440
Ion Ratio Lower Upper
106 100
91 227.4 151.1 280.5



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





#55

Styrene

Concen: 0.320 ug/L

RT: 10.13 min Scan# 2734

Delta R.T. -0.01 min

Lab File: VU036751.D

Acq: 12 Feb 2020 15:26

Instrument :

MSVOA_U

ClientSampleId :

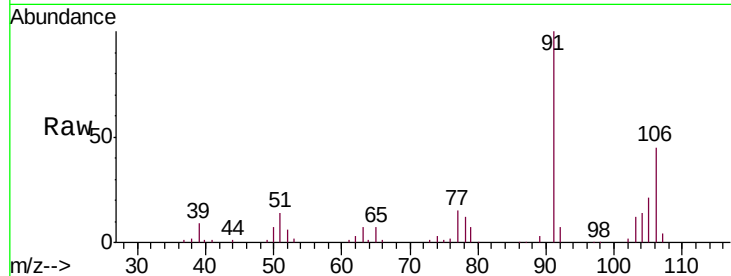
DBCT7

Tgt Ion:104 Resp: 8628

Ion Ratio Lower Upper

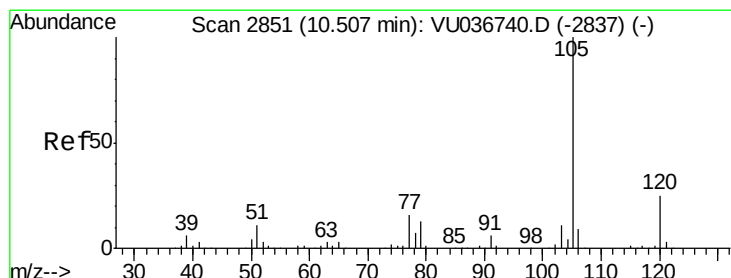
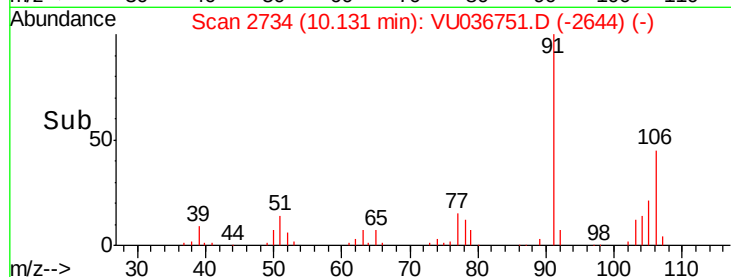
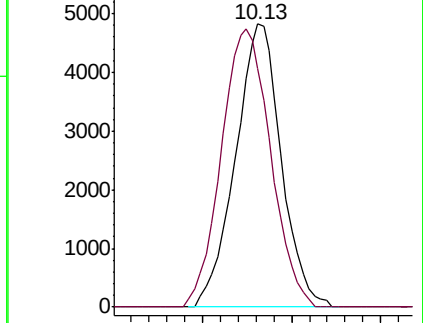
104 100

78 84.3 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: 0.902 ug/L

RT: 10.50 min Scan# 2850

Delta R.T. -0.00 min

Lab File: VU036751.D

Acq: 12 Feb 2020 15:26

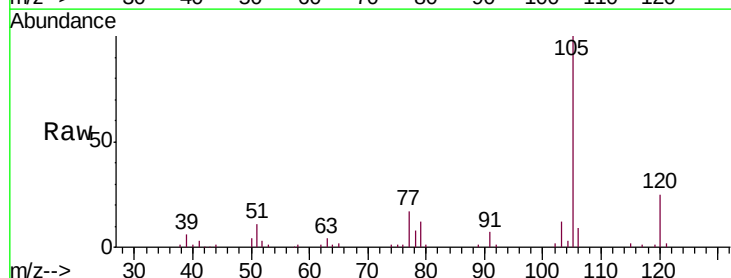
Tgt Ion:105 Resp: 38656

Ion Ratio Lower Upper

105 100

120 25.0 20.5 30.7

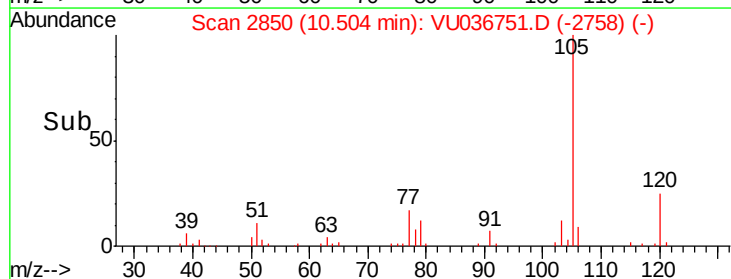
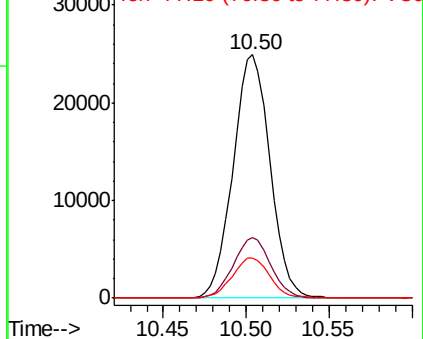
77 16.8 13.0 19.6

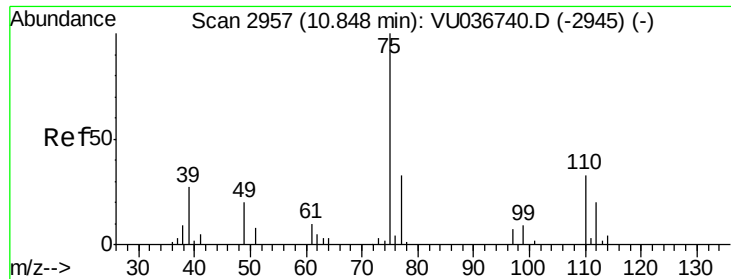


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU0





#59

1,2,3-Trichloropropane

Concen: 0.655 ug/L

RT: 11.02 min Scan# 3010

Delta R.T. 0.17 min

Lab File: VU036751.D

Acq: 12 Feb 2020 15:26

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MSVOA_U

ClientSampleId :

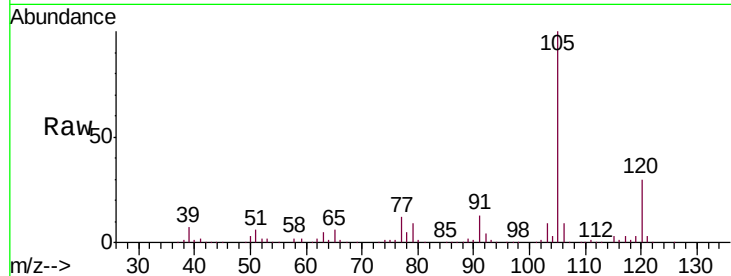
DBCT7

Tgt Ion: 75 Resp: 4359

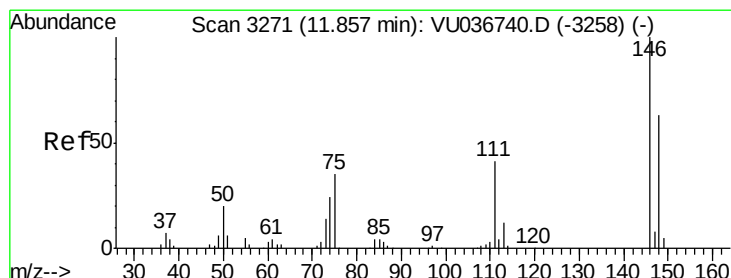
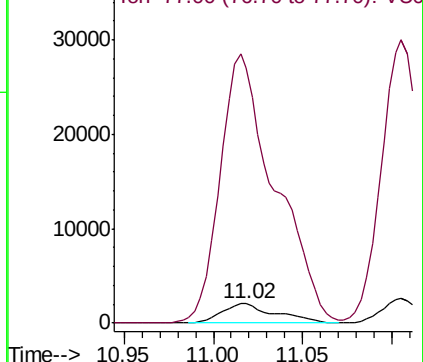
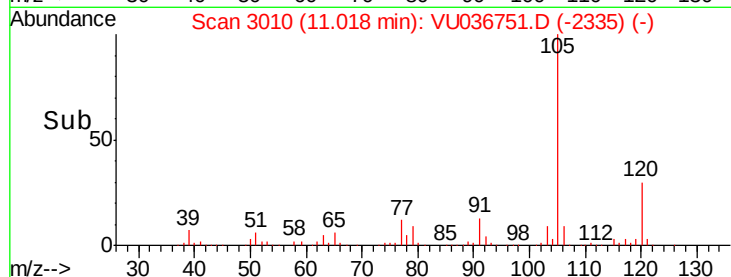
Ion Ratio Lower Upper

75 100

77 1403.1 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VU036751.D (-2335) (-)



#63

1,4-Dichlorobenzene

Concen: 0.078 ug/L

RT: 11.85 min Scan# 3269

Delta R.T. -0.01 min

Lab File: VU036751.D

Acq: 12 Feb 2020 15:26

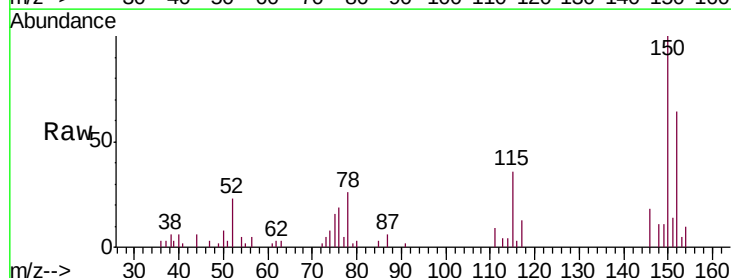
Tgt Ion: 146 Resp: 1577

Ion Ratio Lower Upper

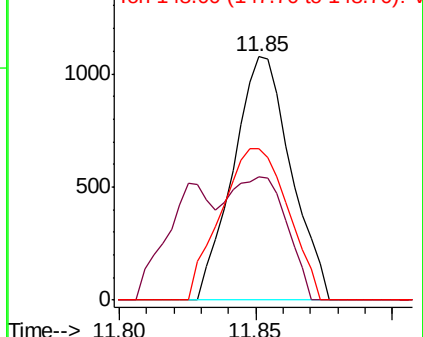
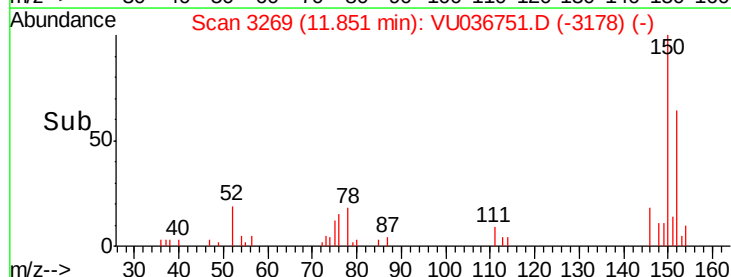
146 100

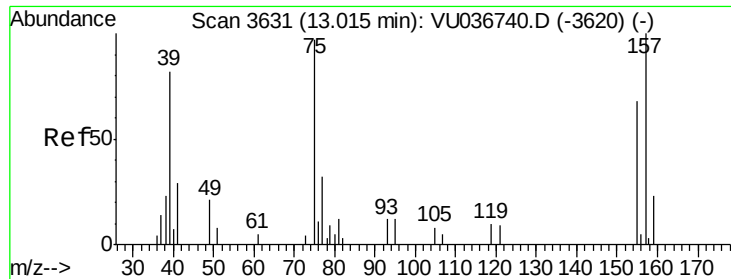
111 50.5 29.2 54.2

148 62.0 44.3 82.3



Abundance Ion 145.95 (145.65 to 146.65): VU036751.D (-3178) (-)

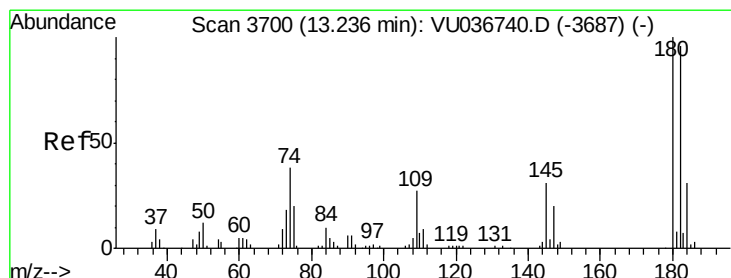
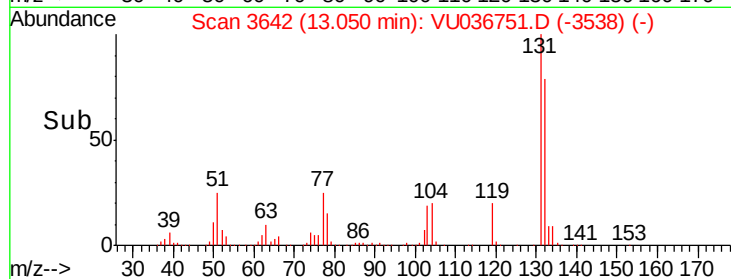
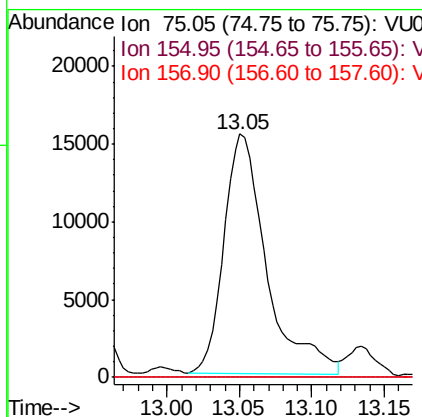
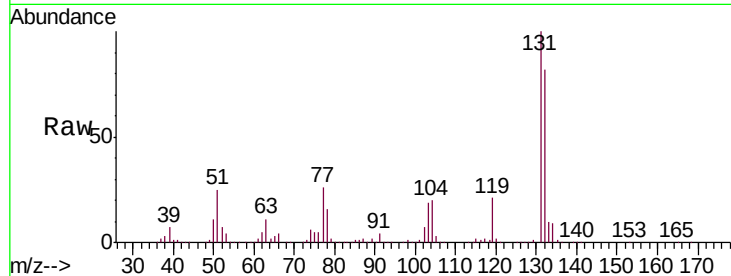




#66
 1,2-Dibromo-3-chloropropane
 Concen: 21.662 ug/L
 RT: 13.05 min Scan# 3642
 Delta R.T. 0.04 min
 Lab File: VU036751.D
 Acq: 12 Feb 2020 15:26

Instrument :
 MSVOA_U
 ClientSampleId :
 DBCT7

Tgt Ion: 75 Resp: 31709
 Ion Ratio Lower Upper
 75 100
 155 0.0 52.9 79.3#
 157 0.0 69.2 103.8#



#67
 1,3,5-Trichlorobenzene
 Concen: 0.094 ug/L
 RT: 13.25 min Scan# 3703
 Delta R.T. 0.01 min
 Lab File: VU036751.D
 Acq: 12 Feb 2020 15:26

Tgt Ion: 180 Resp: 1345
 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#

